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VOL. LI. NO. 27.

DES MOINES, IOWA, JULY 5, 1906.

WHOLE NO. 2555.

THE FAT SOIL.

A Kansas subscriber sends the following communication:

Men ought to learn a great many important lessons relating to agricultural affairs from observation. The climatic conditions of no two seasons are alike, but, no matter what the conditions are, each season is charged with a great many important problems which must be solved by the man who tills the soil. In school and college affairs they have their graduation exercises, and I suppose these are necessary. The farmer, however, never graduates, and indeed I sometimes think that he always remains an underclassman.

But I must say what I had in mind when I started out. I wanted to call attention to the great difference in the character of crops that are grown on soils that were exactly alike, a few years ago, but have been farmed differently in recent times. We were pinched a little for rainfall in this locality during the latter part of May and the fore part of June. Things are relieved now, but we were really frightened. The lack of rainfall revealed unmistakably who were the good farmers in my county and who were the poor ones. Take the meadows, for example. Those farmers who have been handling live stock and who have taken good care that all the manure was returned to the land have meadows this year that are almost up to the standard. I have in mind a number of instances where the yield of clover and timothy will be as much as one and a half, two or even two and half tons per acre. These well-cared-for soils certainly seem to have a larger supply of moisture than those that have been farmed heavily without any returns made. The crop on the good land was a dark green color and the growth apparently normal, just as if there had been sufficient moisture.

Now in my opinion the experience this year has brought out the difference between fat and lean land. I suppose that the soil is richer in fertility elements where we find the good crops growing, but I take it for granted that part of the rank growth is due to the fact that the rich soils have greater ability to retain moisture. The humus material in the soil no doubt imparts this power. In some cases poorly farmed lands will not produce enough hay to pay for the cutting, and yet twenty-five years ago the two kinds of soil that I am speaking about were identically the same. Surely here is a lesson that every grain farmer should take to heart. The end desired can only be accomplished by consuming most of the grain that is fed on the farm and by saving carefully and returning to the soil all the manure that is made.

No doubt all of our readers have witnessed the things this year that are pointed out above by this subscriber. The real productive ability of land may be accurately estimated by examining the hay crop. Where it has been farmed heavily so that the humus material has become exhausted, as well as the fertility supply, a short hay crop will result, while, on the other hand, if manure has been added from time to time one will always be surprised at the remarkable ability of such soil to produce even under conditions that are not highly favorable.

We take it for granted that every man in the corn belt does his very best in his efforts to keep his land fat. At the same time some of us forget that humus-making material must be present in the soil if the fertility elements are to be liberated, and we are only reminded of our forgetfulness when our crops take on a pinched appearance while the other fellow's keeps up to par.

VALUE OF CLOVER HAY IN STEER FEEDING.

The Indiana station has recently marketed a bunch of steers that were fed 180 days to test the comparative value of a ration composed of ear corn and clover hay and one of ear corn together with shredded fodder and oat straw.

The steers fed clover hay along with ear corn made an average daily gain of 2.01 pounds during the entire feeding period, and sold at the end of the experiment for \$5.35 per hundred. The steers fed shredded stover and oat straw made an average daily gain of 1.31 pounds

per steer, and sold at the end of the experiment for \$5.00 per hundred.

It required 999 pounds of grain to make 100 pounds of gain in the lot fed shredded fodder and oat straw, while 785 pounds of grain made 100 pounds of gain on the steers fed clover hay.

No stronger indorsement could be given in favor of clover hay as a roughage than is contained in the figures given above. This is specially true when it is fed in connection with straight corn. Corn, as all feeders are aware, is rich in fat-forming constituents, while as a matter of fact the fattening steer requires, if the best results are to be obtained, a higher percentage of flesh-forming elements than are found in corn.

Clover belongs to a family of plants

stock yards, but it makes an exceedingly satisfactory plan by which water is conducted into the home. A few strokes of an air pump daily where there is a windmill to raise the water will supply the family with all the water that is needed and conduct it to any room in the house. This means that the farm home can be made modern in every sense of the term, and that those who of all classes are entitled to the comforts and luxuries of life are really coming into possession of their own.

Manufacturers of air pressure tanks have learned in recent years that it is more difficult to retain air under high pressure than it is to hold either steam or water. This knowledge has led to an improved method of construction, and,

perhaps given off by the plants themselves or produced by bacterial action on the remains or excreta of plants. In a crowded room a person begins to feel drowsy, languid and his head begins to ache. We speak of these sensations, usually, as due to deficient ventilation, too little oxygen, the oxygen having been partly used up, and to an accumulation of carbonic-acid gas; but physiologists now believe that this is not the true explanation, but that the person suffers because there are gaseous emanations from the lungs that are deleterious to human beings. The plant is exceedingly sensitive to gases. On the streets of Washington one of the principal causes of the death of trees is leaks in gas pipes; every year hundreds and perhaps thousands of trees have to be removed, and the usual cause is a leaking gas pipe. The amount of gas is so small that it cannot be detected by the odor, but the influence of the gas on the roots is so pronounced that the tree suffers and is likely to die. It seems probable that the ventilation of the soil is not only to allow the air to enter but to allow gases formed in the soil to escape.

Furthermore, air must enter not only for the use of the root itself, but also to oxidize the organic matters given off by the plants—to preserve the proper sanitary conditions in the soil. Ventilation to remove noxious gases might increase the yield without affecting the fertility. Ventilation for the purpose of oxidizing organic matter might affect fertility itself.

Fortunately, in many of these matters the practical knowledge of the farmer is fully up to if not in advance of the scientist. For example, in the case of intertillage crops we all understand it to be an excellent practice to keep the soil stirred. Generally speaking, we have in mind the destruction of weeds, the conservation of moisture, and possibly in some instances we realize that our efforts are counting for much in introducing air to the soil, thereby aerating the roots. If, in addition, cultivation permits the escape of noxious gases that are given off by the plant roots or produced by bacterial action, nothing is added to our labors but something is added to our interest in the why and wherefore of crop production.

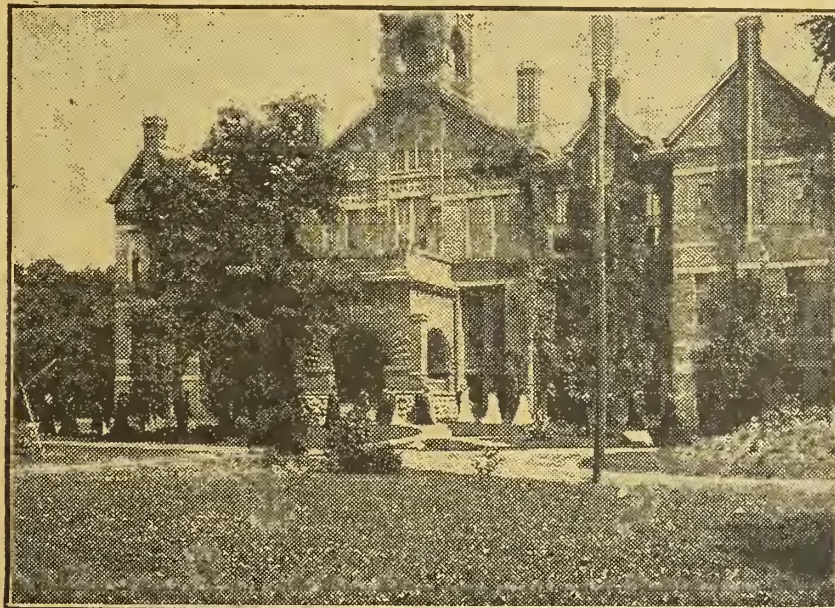
SOME DUTIES OF A SWINE BREEDER.

At the February meeting of the American Poland China Association the above subject was discussed by Mr. C. W. Court, of Marion, Iowa, who among other things said:

The first duty of the breeder, in order to have a hog to sell that will please the buyer, is to raise the kind of hogs that the trade demands. They should be strictly up-to-date in breeding, then fed on food that produces plenty of bone and muscle, given plenty of exercise, etc., in fact treated very much as if he intended to keep them for use in his own herd. After a hog leaves the breeder's care, his condition will very likely change; perhaps he will be turned out with twenty or thirty sows, perhaps shut in a small dark pen and fed corn and water, or perhaps given the very best of care according to the buyer's judgment and made so fat and helpless that his future usefulness is ruined, so that in order for a large per cent of the boar pigs that a breeder sells to prove sure breeders under the varying conditions which I have mentioned, they must have a constitution and vigor that is hard to overcome. I think it is a good plan for the breeder to tell the buyer just how his hogs have been fed and handled, then if he is so inclined he can give his pig very much the same care that it has been accustomed to have, or at least make the change gradually. When a breeder receives inquiries by mail he should describe his hogs as accurately as possible, and guarantee them as represented; if not as represented to be returned at the seller's expense and the purchase price to be refunded.

All boars should be guaranteed to be reasonably sure breeders. Failing in this, the breeder should be notified as soon as the fact becomes known to the buyer. Right here is where the trouble begins. You may sell a pig to a farmer, who perhaps takes him home and turns him out with a lot of sows, some of which will fight him while he is strange to them and his surroundings, and he will become shy and afraid of the sows, and the owner takes it for granted that the pig has no ambition and is no good, and he has a complaint to make right away, says, "he won't look at a sow," etc. Well, what are you going to do about it? Take him back, of course, and send him another pig or refund his money.

Another man will write you, or perhaps



Main Administration Building of Drake University at Des Moines, Ia. See page 15

noted for their richness in nitrogenous or protein products, and because of this it equalizes matters and thus balances the ration. The experiment referred to reveals nothing new, as every feeder in the corn belt endeavors, wherever possible, to secure a supply of clover hay. It emphasizes, however, the value of this crop, and the results suggest an inexpensive way of supplying the protein compounds.

WATER UNDER PRESSURE ON THE FARM.

The use of compressed air as a means of forcing water to where it is wanted involves an old idea, but the practical application of the idea has only been developed in recent years. The success attained during the last five years has permanently established the belief that the system of forcing water by the use of compressed air will extend until practically everyone who lives beyond the reach of the city and town water works will employ this means of distributing water.

The old plan of placing tanks on derricks in order to obtain pressure answered the purpose in a more or less satisfactory manner, but there were always difficulties to contend with. The new system means that the supply is kept where frost cannot penetrate and where windstorms can work no destruction.

Water under pressure is not only a convenient plan of distributing the supply through farm buildings and through

as we understand it, the modern tank is put out under a guarantee.

Those of our readers who have had experience in the use of these compressed air tanks as a means of forcing water are requested to give the results of that experience through these columns. It matters not whether the system has been a failure or a success, we desire to know its weaknesses as well as the points of merit.

THE BREATH OF PLANTS.

In an address delivered some time ago by Prof. Milton Whitney, of the national department of agriculture, the above subject was briefly touched on. Among other things Professor Whitney said:

All understand that the breathing of the plant is mainly through its leaves; but the soil also may be a very important factor in the breathing of plants, as it is necessary to have a supply of oxygen around the roots. Physiologists differ as to the office the roots have in regard to the absorption of oxygen. Whether it is a true breathing, the taking of oxygen for the plant economy through the roots as through the leaves, has never been decided; but it is unquestionably a fact that roots of cultivated plants require oxygen around them for their healthy growth. We know perfectly well that cultivation of the soil is important or necessary for the best development of many crops, and we say that it is in order to introduce oxygen and make possible the introduction of more water into the soil.

The investigations of the Bureau of Soils seem to indicate that the actual supply of oxygen to the roots may not be the only or even the most important function of cultivation. It seems necessary not only to introduce air into the soil, but by stirring the soil to permit the escape of noxious gases that are

visit your herd in person, and select the fattest, chubbiest pig in the lot, take him home and shut him in a small pen and stuff until he is ready to use him and then he surprised to find that his pig cannot serve a sow, even though he has plenty of ambition. What are you going to do in this case? Why, just take him back and send the money to the purchaser. Then there is another class of buyers. I don't know just how they treat their hogs, but I know a breeder who sold his herd hogs, a yearling, to one of this class of buyers, after using him in his own herd and proving him to be a sure breeder, and in about six weeks after he had sold the hog, he got a very ungentlemanly letter stating that the hog was no good, would not look at a sow, etc., and wanting to know what the seller proposed to do about it, claiming that the hog was guaranteed to work for him. The breeder offered to send him a young hog and take the old one back and the answer came something like this: "I would not have your young hog if you would give him to me; I want you to take this hog back and send me back my money." Now, what was the breeder's duty in this case? Why, just what the buyer demanded, which he did, and sold the hog to a neighbor who is still using him. I tell you, gentlemen, the buyer must be satisfied at any cost.

FINAL CULTIVATION OF THE CORN CROP.

BY P. E. CRABTREE, MISSOURI STATE CORN GROWERS' ASSOCIATION.

And now comes July with its attendant duties and pleasures. We can partially understand how a farmer, were he not pleasurably interested in his work, could consider the preparation of the ground and the cultivation of a corn crop an arduous task. Like the little boy when he was first told that he would have to dress and wash his face every morning of his life, the thought of it might discourage him. But as the boy later learned, each duty was intermingled with accompanying pleasures and there was a time for all; just so with the farmer. Each week has brought forth its special duties, and where we have cheerfully met them we have learned to enjoy our accomplishments, even before the fruits of our labors are ready to be harvested.

Perhaps our deepest consideration for the month is the final cultivation of the corn crop. By final cultivation, as here construed, we mean the last time that we can use the two-horse cultivator on this crop. If the ground was properly prepared and the first cultivation thoroughly accomplished we have had little trouble with weeds. The purpose of the two following cultivations was largely to prevent weeds that would have materialized and to have the surface soil loose and well supplied with the necessary moisture for this final cultivation. This latter should be accomplished when the moisture conditions are just right, neither too wet nor too dry. It pays the farmer well, to a certain extent, to be ready and waiting for this special occasion. If he has cattle or hogs to market, horse trading or horse breaking to do he should plan far enough ahead to see that it does not interfere with this one job. The importance lies in the fact that the soil must then remain undisturbed for so long that the utility development of the crop is during this long period, and that whatever is done in the way of securing the dust mulch for the retention of moisture throughout the extremely hot weather depends almost wholly on the condition in which this final cultivation leaves the soil. It should be deferred as long as we feel safe to chance the weather conditions previous to any danger of breaking down corn of rank growth that we may disturb germinating weed seeds as late as possible, and until the ground is well shaded with the crop and also to shorten the period of whatever harrowing or single horse work is to follow between the rows. By all means make the final cultivation of the field in the direction that best permits surface drainage, otherwise sooner or later before husking time flat parts of the field will suffer from an accumulation of water. The object should be to permit the ground to absorb all the water it will contain when drainage is thoroughly provided for and no more.

The condition I have just mentioned takes care of the surplus water. Now, as to the opposite condition. How can we best utilize the light shower and the quick, dashing, small rain? My plan is this. I prefer not to make a water shed of each row. Originally I was taught to ridge the row decidedly after the fashion of sweet potato ridges. Careful experimenting has changed my method long since. With the ridging process the small rain is carried rapidly to the trench between rows and there a sufficient quantity will accumulate to form a little rivulet and thus leave the field long before the surface soil has become

saturated. Then couple this condition with improper drainage and we have the doubly unfavorable conditions of "too dry on high grounds" and "too wet on low grounds," and both as a result of a shower that should have made the moisture conditions just right throughout. I endeavor to get just as nearly level cultivations as possible throughout the season except immediately in the row at this final cultivation. I can best describe the process by telling how I set the shovels. I use a six shovel cultivator. I set the shovels perfectly straight until this last time, when I used a pair of warped shovels slightly angled next the row, which throws up a small narrow ridge a few inches wide, but leaves the remaining middles very nearly level. This method I find secures the full benefits of the light shower or dashing rain and also leaves the middles in a splendid shape to be later agitated by means of the single horse expansion harrow.

Now, as to the purpose of that little narrow ridge. Notice the brace-roots that are thrown out one, two and three joints above the ground, depending on the fertility of the soil and on whether the variety of corn is a gross feeder. Those brace roots perform no office until they reach the ground, when they immediately throw out a perfect network of feeding rootlets and begin gathering fertility from the soil. I enjoy meeting them part way and setting them to work, hence, the purpose of the miniature ridge. I like to feed my corn crop. I admire the color of the field of corn that is abundantly supplied with plant food and furnished with sufficient moisture to hold said plant food in soluble form, thus making it continually available.

I enjoy seeing my plants develop as I enjoy seeing my animals thrive, and this final cultivation is one of the very important considerations. I make this cultivation shallow in order to avoid excessive root pruning.

FEEDING VALUE OF SPELTZ.

From time to time inquiries are received relating to the feeding value of speltz. Until recently very little information was obtainable on the subject, as few experiments had been conducted to ascertain its value.

The South Dakota station has been giving this new grain a trial in a steer-feeding experiment. Starting with steer calves weighing about 482 pounds, that station made an average daily gain of 1.69 pounds per steer until a weight of 1,209 pounds was obtained, the grain ration in this case consisting of speltz only. A similar lot fed corn weighed 480 pounds at the beginning of the experiment, and were marketed at a year and eight months of age weighing 1,277 pounds each, having made a daily gain of 1.84 pounds per steer per day. Thirty-three cents per bushel was realized for the speltz fed to these steers, while the lot fed corn realized forty-seven cents per bushel.

These results would indicate that there might be an important place for speltz in areas that are not specially adapted for the growth of corn. It certainly is an excellent record to make a gain of practically 1.7 pounds a day for a period of 431 days. Of course these steers were on grass during the grass season, but at no time were they fed any other kind of grain aside from speltz.

DETASSELING CORN.

The practice of detasseling corn has not been generally introduced. Some of the experiment stations have shown that this practice, if successfully carried out, will materially improve the yielding ability of corn. This has been strikingly shown by results obtained at the Illinois station.

The theory is that corn under normal conditions breeds more or less incestuously. In other words, a certain amount of pollen from one plant comes in contact with the silk of the same plant, and in this way the closest kind of inbreeding takes place. It is claimed that this results in impairing the vitality of the plant, and especially in reducing the yield. This is at least inferred by the fact that the yield per acre is increased by preventing this close inbreeding.

It is not advised that any man undertake to detassel much of his crop. This would be impracticable in the extreme. Generally speaking, detasseling is only carried out on a small scale. The best part of the field may be selected and al-

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ternate rows detasseled, as well as the weak plants in the remaining rows.

Those who have never done any work of this kind scarcely realize the importance of having the work done at the proper time. When the weather is favorable tassels make their appearance rapidly, and sometimes a delay of twenty-four hours will be sufficient to shed much of the pollen. The area of corn handled in this way must be given attention every day for a period of a week or ten days. It is not a difficult matter to pull the tassel out of its socket, and this should be done in preference to cutting it off, as the latter causes the plant to bleed and consequently injures it. A short, sharp jerk will do the work without any injury whatever.

If the work is carried out successfully the seed should be taken in the fall from the rows that are detasseled. This means that such corn must necessarily be cross-bred, and because of this, when it is planted, the crop, it is claimed, will be more vigorous and yield better than would be the case with corn from the same field where no detasseling was done.

We do not advise every man to take up work of this kind, for the reason that it is almost labor thrown away, unless one has an excellent variety of corn to work on. It really comes in the line of those who are growing the so-called "pure-bred" corns. It might be possible to spend many years in improving an ordinary corn and yet not have it equal in quality and yielding ability to some of the improved sorts that are grown in the same locality.

STOCK FOUNTAINS ON THE FARM.

We sometimes think that little things are too often overlooked by those who attempt to give advice pertaining to farm affairs and that after all, these are the things that strike directly at the farmer's profit. It seems, of course, that all men know that live stock of every description should have access to water at will, and yet at the same time you will frequently find farms where ample provision has not been made for watering stock, notably hogs. We realize that this is a somewhat difficult matter, owing to the fact that the hog contaminates, wherever possible, the source of supply.

This leads us to remark that a modern drinking fountain that is attached to tanks or barrels will doubtless pay a larger interest on the investment required than any other device on the farm. The hog has a comparatively small stomach, and consequently must have water frequently. He ought to have just as clean water as the cows or horses, and up to date we have found that there is only one way to supply it, and that is by the use of these so-called fountains.

Even little pigs five and six weeks old will drink scores of times during the day in warm weather if they have access to one of these waterers, and no one will deny that this having water at will, will contribute to their thrift. The expense involved in placing these drinking fountains in pastures where hogs run is so small that no man, whether he keeps grade or pure-bred hogs, is justified in trying to get along without them. Where water is not piped into hog pastures we have found it to be exceedingly convenient to place one of these fountains on the side of a barrel and haul water in a second barrel placed on a stone boat or in a wagon. In this way one can often put in a supply that will last a day or two at a time and you are then assured that hogs will have their supply without any further attention from you. Where water is placed in the old-fashioned trough, no matter how it is covered, it is sure to be contaminated, and unquestionably a contaminated supply of

water is a source of disease. When a barrel is used to which there is attached a small fountain the water remains absolutely pure and clean. We realize that most of our readers who handle pure-bred hogs use these fountains, and what is said above is largely for the benefit of those who handle grade hogs and who have up to date not realized the great importance of having the water pure and the supply constant and easily available.

Treatment of Swine Diseases.

As soon as sickness appears among hogs the unaffected animals should be at once removed to clean, disinfected quarters, preferably without much range; for by running over pastures they may come in contact with contagion. Their feed should be carefully regulated and, if they have previously been on pasture, should include some green feed, roots, or an abundance of skim milk.

The quarters in which the sickness first appeared should be thoroughly cleaned, all bedding and rubbish burned, and loose boards and old partitions torn out and burned. If the pen is old, knock it to pieces and burn it. Disinfect pens and sleeping places, using air-slacked lime on the floors and the carbolic-acid solution on the walls and ceilings. Whitewash everything. If a hog dies burn the carcass or bury it deeply out of the reach of crows, buzzards, or dogs. If possible, do not move the carcass from the place where it falls; but if this cannot be done the ground over which it is dragged should be disinfected. Hog cholera bacilli can live in the ground for at least three months. Care must be taken to maintain an absolute quarantine between the sick and well hogs. The same attendant should not care for both lots unless he disinfects himself thoroughly after each visit to the infected hogs. Dogs should be confined until the disease is stamped out.

Treatment of hogs suffering from cholera or swine plague is not always satisfactory. This disease runs its course so rapidly that curative measures are more or less ineffectual, and prevention of an outbreak should be relied upon rather than the cure of sick animals. Dr. Salmon states that the following formula has been successful in less virulent outbreaks when properly administered as soon as signs of sickness are shown:

	Lbs.
Wood charcoal.....	1
Sulphur.....	1
Sodium Chlorid (salt).....	2
Sodium Bicarbonate.....	2
Sodium Hyposulphite.....	2
Sodium Sulphate.....	1
Antimony Sulphid (black antimony).....	1

These ingredients should be completely pulverized, and thoroughly mixed. In case there is profuse diarrhea the sulphite of sodium may be omitted.

A large tablespoonful once a day for each 200 pounds of live weight of hogs to be treated is a dose. The medicine should be thoroughly mixed with the feed, which should be soft, made of bran and middlings, corn meal and middlings, corn meal and ground and sifted oats, or crushed wheat, mixed with hot water. If the hogs are too sick to come to the feed, they should be drenched by pulling the cheek away from the teeth and pouring the medicine in slowly. Care should be exercised, as hogs are easily suffocated by drenching. Do not turn a hog on its back to drench it. (Department of Agriculture Bulletin.)

LAKE AND RAIL TRIPS.

During the summer months the Chicago Great Western Railway sells tickets via all steamship lines on Great Lakes in connection with their line to Chicago, or St. Paul and Duluth. From this time until September is the time to sail the lakes and see Duluth, Superior, Isle Royale, the Copper Range, Sault Ste Marie, Mackinac Island, Detroit, Toledo, Cleveland, Erie, Buffalo, Niagara Falls and other points of interest. Call or write for full information. E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Farm Furrows

Turned by a Practical Farmer.

Why look for a June freshet? Just watch a man drinking from a jug—the most common June freshet.

When the thermometer gets up on its ear it is about time for the light hog to bound gracefully into popularity.

Sam says he has joined the humane society and he now rides a horse bare-back for fear he will hurt the saddle.

Did it ever occur to you that we were too prone to think of the virtues of our friends and talk about their faults?

Both the bulls and the bears are hiding in the corn fields of the West these days. They need to camp on the ground so as to find out the actual situation.

A report states that the British lamb crop is poor. Nature seems to conspire to prevent cheaper wool and mutton. In the meantime the sheep breeder is not finding fault.

It has been discovered that a good deal of the "Canadian cheese" comes from Indiana, but no one will dispute that limburger comes from Packingtown or the "Bad Lands."

While on a recent trip I observed that many horses would scare at automobiles, and it is not to be wondered at, for some automobiles are ugly enough to make a traction engine shy.

If our humane society would spend one-half the time investigating the fire cracker industry that is paid to looking after things they know nothing of, they would probably fill a long-felt want.

For many years I have delivered sheep at a local slaughter house and from what I am able to learn by observation there is room for a little able-bodied inspection of some of the local abattoirs.

One of the severest jolts a young, but ambitious breeder of live stock can get is to have a live stock judge at a fair devote six seconds to glancing at his stock and then spending a half hour placing the ribbons farther up the line. This is a habit some judges have fallen into.

Little Tommy did not like to work, and his mother thinking she would give him a lesson in industry called attention to the "busy bee," saying: "Look at the busy bee, it works from morning until night all summer long." "Well, it orter," says Tommy, "for it did not do anything all winter."

Abe Martin had a niece visiting him from the city and he was mean enough to tell her, when she asked what the bright brass knobs on the horns of the cow were for, "Ye see, we hev ter be kerful out here on ther farm, fer ther lightnin' sours the milk, an' those bright knobs on the horns are lightnin' rods."

I am in favor of a vigorous inspection of all the packing houses and the government should pay for it. Congress owes this to both the consumer and the producer. Some of the money spent in trying to keep sheep out of the forests could be devoted to this purpose and still there would be no loss to the forests.

In Michigan 140 farmers have organized themselves into a thrashing association and own their own rig. Last year this association paid a dividend of 5 per cent, besides saving its members \$600. Members are charged three and one-half cents for thrashing wheat and two and one-half cents for oats, being one-half cent less than the regular price charged in that state.

I have an aged jaybird on my premises and I have been watching his actions for many years. During the time I have known this chap he has been most vicious and I never saw him catch a worm or a bug until recently. Something or somebody has pulled his tail out and he seems to be mad at himself ever since. Recently he flew up into a hackberry tree close to where I was sitting and I saw him catch a number of worms that were feeding on the foliage of the tree. I know that we

have some troublesome birds that are really our friends.

A drop of oil in time will sometimes save a bearing in the mower or harvester.

A sensible man ought to have a good deal of charity and fellow feeling for a man who hasn't much sense.

The vacation of the farmer will be postponed until state fair time. One can then combine business and pleasure.

Nothing inspires a boy more than to be given a chance to earn some money. A double inspiration comes when he spends it.

It is a happy horde of potato bugs that happens to infest the vines of a farmer who will not have a farm paper in his house. They are perfectly safe.

Watch closely the merits of the hay loader this season so as to be able to determine whether it can be improved upon as an implement to rush haymaking.

Man has developed quite an appetite for land, and every nook and corner of the earth where there is a piece of land that can be had has a buyer or a homesteader.

When a three-year-old colt sells for \$40,000 it make a \$1,600 automobile look like thirty cents, and this is the way these new-fangled contrivances are going to down the horse.

An editor of one of our large daily papers told me that he recently drove ten miles in the country and passed a number of farm houses that would do credit to any city of 100,000.

I think the "Missouri mule" has a kick coming. Everything is measured by horse power in the mechanical world and the mule is left out in the cold. Consider the units of energy tied up in the hide of one mule, to say nothing of two. A well-brought-up mule is warranted by nature to pull anything with two ends.

The days of the cowboy and the bronco are near an end. It now appears that the rancher in some parts of the range country will have to give up his holdings to crop farmers. Cattle companies have been asked to remove their fences and the lands once occupied will be opened to settlement. Free range is growing scarcer each year.

Now comes a leading veterinarian who has come to the same conclusion that I have about the sweatpad. He says it is one of the worst things that can be used on a horse. He says they are just about as appropriate for a horse in summer as a pair of heavy woolen socks inside of cowhide boots would be for a man who has to walk all day in soft ground.

I believe all patent troughs that keep pigs from getting their front feet in the trough are cheating them out of a great deal of enjoyment. Really, a pig cannot thrive like he should unless he can get his feet in the trough. It affords the pig more pleasure than it does the man who is feeding them. But these troughs are all right just the same, and no farm should be run without a few of them.

A good deal of fun is poked at the farmer because he gets up early in the morning. Some of the results of early rising are manifest when we see such farmers prospering all along the line. I know that the sleep of the morning is very refreshing, but it must be cut out just the same. I once had a man working for me who said he had to work so late and get up so early for a previous employer that as he went up to bed he met himself coming down to begin work again.

Sam went to see a lawyer. "You see it is this way," says Sam, "no fence runs between Smoogle's place and mine. He claims that I encroach on his land, and I insist that he trespasses on mine. Now, what would you do if you were in my place?" "If I were in your place," replied the lawyer, "I'd go over and give Smoogle a cigar and have a drink with him and settle the controversy in ten minutes. But, as things stand, I advise you to sue him, by all means. Let no arrogant, domineering, insolent pirate like Smoogle trample on your sacred

THE NEW MOLINE THE IRONCLAD WAGON!!

Five hundred men, masters of the wagon-maker's craft, put the best efforts of their hands and brains into the making of New Moline Wagons.

With its gearing of select Hickory and tough White Oak and its box with Yellow Pine Bottom, grooved and matched, the New Moline Wagon has a foundation that will last for years.

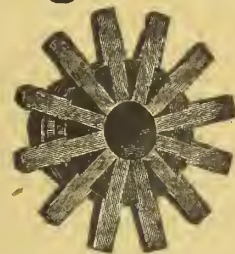


It's so strongly reinforced with extra heavy iron throughout, that farmers call it the "Ironclad" Wagon.

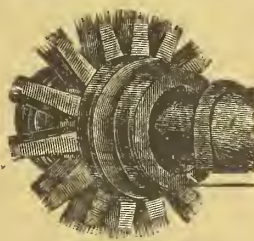
Pole, doubletrees, singletrees, gearing and box are so thoroughly protected and strongly braced with heavy ironing that its solidity and durability defy the test of time.

Its dust-proof skeins keep out every particle of dust and dirt.

Lightest Running Wagon in the World



Section Hub and Spokes. Practically One Solid Piece.



Note Dust-Proof Skein.

The New Moline is built right, from the ground up. It's a light-running Wagon, and the longer you use it the better you'll like it, for it's got more up-to-date features, and gives more years of satisfactory service than any ordinary wagon. We've been perfecting this wagon since 1854.

We fully guarantee every New Moline Wagon that leaves our works.

The demand for New Molines is enormous—taxing the full capacity of our immense factories.

GET THIS BOOK! We want every farmer to have a copy of our wonderful Wagon Book. It don't make any difference whether you are thinking of buying, or not—send for it anyway! It tells just how the genuine "Ironclad" Wagons are made. Shows all the parts SEPARATELY; and you can SEE how they are IRONED and BRACED and DOUBLY REINFORCED, making THE NEW MOLINE the most durable as well as the lightest-running wagon on earth. The book tells you more about a wagon than any other Wagon Book in existence. It is FREE, postage prepaid by us.

MOLINE WAGON COMPANY
MOLINE, ILL.

rights. Assert your manhood and courage—I need the money."

In these days of rush don't forget to be kind. I have seen men who always spoke more kindly to neighbors and even to strangers than to members of their own family. The good wife is likely working just as hard as you are, and needs more than ever your sunshine, instead of your shady, side. Put on the brakes when you find yourself getting grouchy.

HORSES DISEASED FROM PASTURING ALSIKE.

One of the experiment stations has undertaken to investigate the problem of alsike poisoning among horses and mules. It seems that a number of instances have been found where horses and mules became diseased when allowed to run exclusively on alsike pasture.

The skin in this disease becomes inflamed in certain areas, appearing at first as more or less rounded vesicular swellings, varying from one-half inch to five or six inches or more in diameter. The hair over the affected area stands erect and has a dull appearance, indicating loss of vitality. Later, the skin becomes hard and puffed out as the result of formation of pus underneath. Finally the deadened skin is cast off, leaving a deep, raw, angry-looking ulcer, which eventually heals with the formation of a conspicuous scar covered with more or less white hair. These changes in the skin are liable to appear on any part of the animal. Although the death rate is small from this trouble, yet the disease is said to have considerable economic importance in some localities, since it leaves the animal more or less disfigured, thus depreciating its market value.

According to investigations made up to date, the treatment of this disease is comparatively simple. As soon as it is recognized the animal should be removed from alsike clover pasture and the wounds subjected to antiseptic treat-

ment, such as frequent washing with coal tar disinfectants and the application to the ulcers of drying powders consisting of boric and tannic acid in equal parts.

DISFIGURING SKIN HUMOR.

Impossible to Get Employment, as Face and Body Were Covered with Sores—Cured by Cuticura.

"Since the year 1894 I have been troubled with a very bad case of eczema which I have spent hundreds of dollars trying to cure, and I went to the hospital, but they failed to cure me, and it was getting worse all the time. Five weeks ago my wife bought a box of Cuticura Ointment and one cake of Cuticura Soap, and I am pleased to say that I am now completely cured and well. It was impossible for me to get employment, as my face, head and body were covered with it. The eczema first appeared on the top of my head, and it had worked all the way around down the back of my neck and around to my throat, down my body and around the hips. I itched so that I would be obliged to scratch it, and the flesh was raw. I am now all well, and I will be pleased to recommend the Cuticura Remedies to all persons who wish a speedy and permanent cure of skin diseases. Thomas M. Rossiter, 290 Prospect St., East Orange, N. J., March 30, 1905."

LOW RATES TO CALIFORNIA AND RETURN.

From June 25th to July 7th inclusive, good to return October 31st, The Chicago, Rock Island Railroad will sell round trip tickets to San Francisco and Los Angeles at rate of \$56.25. Stopovers at and west of the Missouri river.

For full information, call or write 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

NEW ENGLAND AND CANADIAN POINTS.

The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

THE MOST IMPORTANT MEASURES PASSED BY CONGRESS.

At the close of the first session of the fifty-ninth congress Speaker Cannon announced that during the session the legislation enacted exceeded in importance for the best interests of the people the work of any session during his thirty years of public life. Unquestionably the three most important bills passed at the session were the pure food, railroad and meat bill. The leading features of these bills have been summarized in a dispatch recently sent out from Washington, as follows:

PURE FOOD.

General Provisions.—Prohibits the manufacture, sale or delivery for shipment or to introduce into any state or territory or District of Columbia of adulterated, misbranded, poisoned or deleterious goods, drugs, medicines or liquors and imposes a penalty for any violation of the law.

Adulterations.—If drugs differ from standards in strength, quality, or purity, which are fixed in the national formula, they will be held to be adulterated. Confectionary will be declared adulterated if it contains any ingredient or coloring matter deleterious or detrimental to health. Foods will be considered adulterated if containing any substance injuriously affecting its quality or strength.

Preservatives.—Preservatives may be applied externally when directions for their removal are printed on the package.

Labels.—Drugs or foods will be deemed misbranded if falsely described by their labels. Drugs in packages must bear a statement on the labels of the quantity or proportion of ingredients. The word "Compound," "Imitation," or "Blend" must appear on mixed liquors.

RAILROADS.

Rates.—General provisions requires all interstate carriers to make through routes and reasonable joint rates. Makes oil pipe line companies, express companies, and sleeping car companies common carriers and subject to the law. Railways are forbidden from engaging in any other business than transportation. Pipe lines are excluded from this prohibition.

Public Rates.—Requires publication of all rates, fares or charges and forbids changes save on thirty days' notice. Jurisdiction is conferred upon the interstate commerce commission to hear complaints of unjust and unreasonable rates and to fix rates that are just and reasonable.

Rebates.—Rebates and other discriminatory practices are forbidden and subject to penalties.

Court Review.—Limited interview or orders or requirements of the commission may be made by the courts, but no injunction, interlocutory order or decree suspending or restraining the enforcement of an order of the commission shall be granted except after not less than five days' notice to the commission.

No Passes.—Free transportation is limited to certain specified persons. Interstate commerce commission is enlarged to seven members whose compensation is fixed at \$10,000 annually.

MEAT BILL.

Beef Inspection.—Before any cattle, sheep, swine or goats are taken into any establishment for slaughtering and preparation they must be examined while alive for any signs of disease, and if

such are found they are to be slaughtered separately and their carcasses given a special examination.

Tags.—All carcasses are to be carefully inspected and if sound, healthful and fit for human food will be tagged "Inspected and passed" and if not will be tagged "Inspected and condemned" and in the latter case must be destroyed in the presence of the government inspector.

Inspection.—Another inspection of carcasses or parts of carcasses may be had to see if the meat has become unfit for human food since the first inspection.

Labels on Cans.—Any meat or meat products put into can, pot, canvas or other receptacles must have a label attached to it under the supervision of a government inspector, who shall state the contents.

Sanitary Requirements.—All establishments which prepare meat for interstate or foreign commerce must be inspected by expert sanitary inspectors and kept in perfect sanitary conditions.

Right of Entry.—Government inspectors are given the right to enter any part of any establishment at any and all times.

THE ST. JOSEPH LIVE STOCK AND HORSE SHOW.

We desire to call the attention of our readers to an exposition which will be held this year for the first time at the Stock Yards, St. Joseph, Mo. It will be called the Interstate Live Stock and Horse Show, and will be held from September 24th to 29th, next. Premiums amounting to between \$10,000 and \$12,000 will be paid to exhibitors, and the announcement is made that it will be handled on the same broad lines as the American Royal in Kansas City and the International in Chicago. Arrangements have been made with the Western Passenger Association to extend reduced rates to St. Joseph during the life of the show, on the same basis as are made to other cities for similar occasions. The facilities for handling this proposition are unsurpassed, and the hearty co-operation of stockmen is solicited. Those desiring further information concerning this exposition should correspond with M. B. Irwin, General Manager Stock Yards, South St. Joseph, Mo.

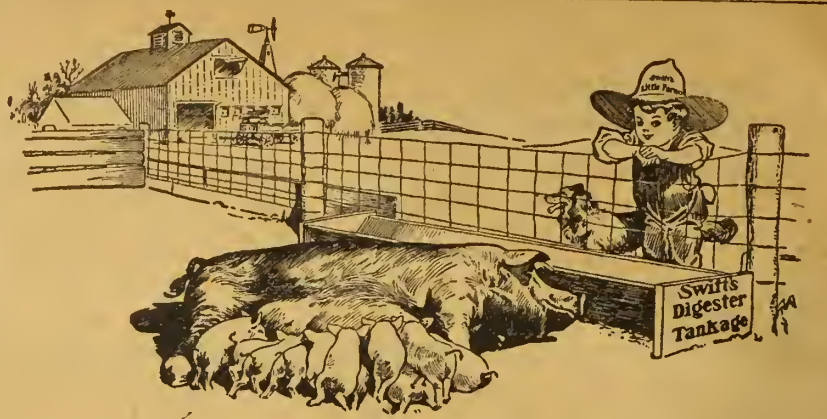
A CHANGE DESIRED IN JUDGING CORN.

The following communication has been received from Mr. S. J. Ramsey, of Washington county, Iowa:

Some time ago you submitted a plan involving a new method of judging corn, and I am free to say that your ideas coincide in detail with mine. Those who take part in corn contests at fairs, institutes, carnivals, etc., get very little satisfaction out of their efforts when they fall below the prize line. On the other hand, there would be some reward in knowing that even though you did not secure a prize you were close on the heels of the other fellow. In other words, there would be education, encouragement and satisfaction to all those who exhibited good corn if it could be scored by the judge. This would let every man know just where he stands in the contest.

The plan referred to by Mr. Ramsey contemplated the judging of corn at contests by the score-card method, and it was suggested that instead of using the old-fashioned method of first, second and third premiums that premium money be distributed pro rata and according to score. It was pointed out that injustice is frequently done men who enter good corn and who fail to carry away any premium, even though their exhibit may score within a quarter or half a point of the premium corn. We claim that all corns scoring above a certain mark should be considered in one class. For example, in a professional corn contest there might be a dozen samples that would score between 94 and 96. These might be so close in point of merit as to make it mere presumption on the part of the judge to distinguish. We have known instances where pretense was made at pointing out the difference between two corns when not more than one-quarter or one-half point existed between the scores. Such corn should be considered in the same class and should be given a pro rata division of a given premium.

The old-fashioned method of judging corn will eventually kill off the whole system of corn contests. As men become expert in the matter of improving corn they will refuse to take the arbitrary decisions of any judge based on imaginary distinctions. In many respects the judging of corn is very different from the judging of live stock. It frequently happens that a number of exhibitors come up with samples that were grown from the same supply of



Swift's Digester Tankage

—for Brood Sows and Litters

After farrowing, a Brood Sow needs concentrated Protein feed—rich in Phosphates. The young litters are then abundantly nourished.

It Starts Them Right

The first six weeks of the pig's life is all important. Pigs from sows fed on Swift's Digester Tankage begin life strong in Bone and Muscle and with heavy appetites which insure quick growth. Our Booklet "Protein for Profit" tells the story. Write for it.

Swift & Company, U. S. A.

Animal Food Department, Desk 6
Union Stock Yards CHICAGO



J. W. Pedigo Arrestor

Much study and experimenting has perfected the J. W. PEDIGO ARRESTOR.

For years the telephone was not seen in many homes because of the fear of lightning following the line wires into the house.

This latest device is one by which the same movement opens both the line and ground wires thus making an absolute disconnector outside of the house. It works equally well on ground bridging or metallic bridging lines. It is placed on the outside of the house near where the wires enter the house and is operated by a stem through the wall. When the storm approaches PUSH the button. When the storm has passed PULL the button. The COMB TEETH are protected from the weather; the ground line is open. Two very important features. To introduce the Arrestor NOW WHILE THEY MAY BE TESTED we make you a

price of \$10.00 PER DOZEN. THIS OFFER GOOD FOR A SHORT TIME ONLY.

Write to the INVENTOR J. W. PEDIGO, LUCAS, IOWA.

He Will Send You A Guarantee. AGENTS WANTED.

Binder Twine SPECIAL LOW PRICES

STANDARD TWINE, Plain Tag, \$8.47 per cwt.
STANDARD TWINE, Insect Prepared, 9.25 per cwt.
Above grades sold only on Catalog Terms, meaning Cash with order. Fall Terms, C. O. D., and other credit arrangements apply only on our Cricket Proof Brand as shown below.
PURE SISAL, "Cricket Proof Brand," \$9.75 per cwt.
PURE STANDARD, "Cricket Proof Brand," 9.75 per cwt.
PURE MANILA, "Cricket Proof Brand," 12.25 per cwt.
Every ball of "Cricket Proof" twine is sold under a registered Trade Mark. It is the highest grade obtainable, and the best value regardless of price, the only independent twine having an established market value, and rarely ever offered at reduced prices. Order direct from this advertisement, or send postal which will bring you by return mail samples, order blanks, etc. We have a reputation for prompt deliveries. Please mention Ad. No. 53.

COOPER CORDAGE CO. 4 Sherman St. | 310 4th Ave. S. | 1209 Union Ave.
CHICAGO | MINNEAPOLIS | KANSAS CITY

seed. It stands to reason that a careful selection of the crop would make their exhibits very similar in character. Consequently, when the resemblance is close there should be no attempt made to distinguish in the matter of merit. Our colleges should lead off in this work, because we have undoubtedly arrived at the time when some improvement should be made on the old system.

A farmer went to Salina, Kan., one day last week looking for harvest hands. Failing to find any he hunted up the city marshal and asked if there was any prisoners in jail. There was only one, a man who was working out a fine on the streets for being drunk. The farmer gladly paid the man's fine and started for the harvest field with him.

LOW EXCURSION RATES TO NEW ENGLAND AND CANADIAN POINTS VIA THE C. & N.-W. R.Y.

Tickets on sale daily until June 30th; also on July 4th and 18th, August 8th and 22d

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

60 Bushels Winter Wheat Per Acre. THAT'S the yield of Salzer's Red Cross Hybrid Winter Wheat. Send 2c in stamps for free sample of same, as also catalog of Winter Wheat, Rye, Barley, Clovers, Timothy, Grasses, Nuts, Trees, etc., for fall planting. John A. Salzer Seed Co., La Crosse, Wis.

CORN HARVESTER cuts and throws in pile on harvester or windrows. Man and horse cuts equal to a corn binder. Price \$14. Circulars free showing Harvester at work. New Process Mfg. Co., Lincoln, Kan.

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

CURRENT EVENTS AND COMMENTS

There are rumors afloat concerning great changes that are likely to be brought about in the near future in the organization of the Standard Oil Company. The issuing of \$500,000,000 in stock beyond the present \$100,000,000 capitalization is contemplated together with a complete abandonment of the secrecy regarding earnings, expenses and other matters which have always been the company's avowed policy. Some of the directors of the company favor the plan of allowing salaried employees to become stockholders. This was done by the U. S. Steel Corporation with marked success, and the Standard Oil Company proposes to imitate the example.

Considerable stir was caused in New York City society circles last week by the shooting of Stanford White, a noted architect, by Harry K. Thaw, son of a Pittsburg millionaire. Thaw's remark at the time of the shooting indicated that his home had been broken up by the well-known architect. Mrs. Thaw was formerly an actress and a noted beauty.

The United States senate ordered the interstate commerce commission to investigate the grain buying and elevator trust. The resolutions directing the inquiry was offered by Senator La Follette, of Wisconsin, as a direct result of revelations made by wheat growers of the northwestern states and litigation between states over grain inspection.

A resident of Colorado Springs, Colo., who was a delegate from New York to the first national Republican convention more than fifty years ago, recently wrote a letter to President Roosevelt asking him if he intended being a candidate for the presidency at the expiration of his present term. In reply President Roosevelt told him that he would have to vote for some other Republican candidate next time. This is in accord with the announcement made by the president at the beginning of his present term, as he then stated that he would not be a candidate to succeed himself.

Promptly at 10 o'clock Saturday, June 30th, Vice-President Fairbanks in the senate and Speaker Cannon in the house declared the final adjournment of the first session of the fifty-ninth congress. This is the first time that congress ever adjourned on the day that closed the fiscal year. Other sessions have adjourned before and some after June 30th, but the fifty-ninth congress ended its first session on the day when the government strikes its balances and closes its books. Commenting on the work of the session, Speaker Cannon said that the legislation enacted in the session just closed exceeded in importance for the best interests of

the people the work of any session during his thirty years of public life.

The manner in which prices on finished hogs were sustained last week in the face of the agitation over packing house inspection was notable. The fact that a point within seventeen and a half cents of \$7 a hundred was reached during the week would make it appear that the supply of hogs in the country is not such as to injure the prospects for marketing the 1906 youngsters at good prices next fall and winter.

A new battleship was launched at Camden, N. J., June 30th. It is called the New Hampshire, and is a sister to the battleship Kansas, which was recently launched. It is 456 feet four inches long and seventy-five feet five and a half inches from beam to molding. It carries four twelve-inch, eight eight-inch, twelve seven-inch breech loading guns, together with twenty three-inch or fourteen-pounders.

DAY BY DAY

Agricola

Cherry picking is the order of the day. It matters not how large the corn field is or how bad the corn needs plowing, it and everything must give way to cherries. With us it has just commenced, for we took pains, "Woe worth the day!" (Scott) to plant lots of cherry trees and today they are full from "top to toe."

Then comes the raspberry, and, lo! they are bending with fruit. The same can be said of the blackberry. Foolish man that I am. I planted lots of them and they are full. You may judge of the prospect before us. The worst of it is that we can think of no excuse to go off visiting. We beg for the sympathy of everyone of our readers.

A nephew of ours, a lieutenant in the United States regular army stationed at Raleigh, N. C., is visiting us. He tells us that so far as he can see the country thereabouts is no farther advanced in its crops than we are in Iowa. He says, too, that the heft of the farmers do not seem to care whether the fertility is assisted, although in Raleigh there is a plant where fertilizers are manufactured. But the product is nearly all shipped.

The man who is above work, when work is needed, is a nuisance if he idles his time away. It is this class which furnishes the tramps and the majority of criminals.

The recent rain, which was heavy in these parts, is lengthening the oats and grass. It looked, before the rain, as if the oats would hardly be long enough for the binder to handle. It is all right now.

An enterprising cat is a murderer of birds. Our cat is such. It has just caught a yellowhammer about two-thirds grown. It has caught this spring, yellow birds, and wrens and meadow larks. Perhaps others. But it is death on rats and mice, so we tolerate it.

A meadow lark nested just across the road. There were five young ones and they all matured, escaped the cat and have gone to the meadow. The chimney swifts are nesting in the library chimney. They did last year, and more than one tumbled to the hearth. Then the parents come down occasionally, and we have to open the door for them. They don't seem much afraid of us.

A handsome lawn is very pleasant. But it should not be crowded with plants. Everybody, however, should have a lily bed. They are the queen of flowers, but moles are fond of a diet of them.

A couple of orchid cannas look well in a lawn. The individual flowers are



THINK IT OVER! WHY NOT?

WHY NOT use eight wheels on your farm wagon instead of four? Your answer will explain why four levers are not used on the Litchfield Spreader, instead of one.

Why not build your farm wagon eighteen inches higher than it is now built? The answer will tell you why we do not build the Litchfield Spreader so you will have to pitch the load over a four and one-half foot side instead of over a three and one-half foot side. It is because we want to save 20 per cent of muscle.

Why not drag your plow back and begin at the starting point of your furrow after you have plowed once across the field instead of plowing right on around? If you can answer this, you can also tell us why the Litchfield Spreader does not use a return apron.

When you are hauling a load on your farm wagon, why not hitch one horse to the load and the other horse to the wagon, instead of having both horses pull the wagon and the wagon pull the load? We will use your answer to explain why we do not drive the beater wheel of the Litchfield Spreader from one traction wheel and the conveyor from another, or why we do not drive the beater wheel from one point and the conveyor from another.

Why not build locomotives with wood wheels as they did long ago? Why not make the boiler of wood barrel staves? For the same reason that the old fashioned wood wheels are not used under the Litchfield Spreader.

Why not have an unremovable permanent seat on your farm wagon? For the same reason that the Litchfield Spreader uses a swinging seat.

Why not use narrow tires on your farm trucks? For the same reason that we do not use them on this machine in place of the widest spreader tires on the market.

Why do you use a sharp knife to cut a loaf of bread? For the opposite reason that we use a dull edge wheel to keep from cutting through the sod.

Why do we expect your order for a Litchfield Spreader? For the same reason that we look for your business covering our entire line—because we have the best, and knowing this, we do not hesitate to ask for that to which we are entitled. Tell us what you think and read the next chapter.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

BINDER FACTORY to FARM

At Lower Prices than Dealers
Must Pay the Trust. FARMERS
WANTED AS AGENTS.
AUGUST POST, Moulton,
Iowa.

very interesting. The orchid family are natives of the tropics.

Every time we go down town we become disgusted with the big, soft maples. They are a coarse, dirty tree. Elms are far better. They do not grow very fast, but they get there all the same after a while.

The purple barberry is a pretty shrub. But Billard's spirea, with its huge white panicles, is magnificent. It is a native of Japan. Billard was a Danish naturalist.

Have just returned from an expedition to our corn fields and that of our neighbor's. "Well, W. J.," said we, "if the season is favorable from this on, what sort of a turnout of corn are we to expect?" "Oh," said he, "about sixty bushels to the acre."

If our neighbor is correct the Iowa corn crop will be a bumper. We shall not object. To have a half empty corncrib just after corn-gathering creates an uneasy feeling in the mind of the farmer. At least it does in ours. We hope to go through ours again, which will be the fourth time.

Peaches and plums on the trees continue to grow. We would not relish living in a land where peaches cannot be grown. We will continue our practice this fall; that is, to lay down a few trees. Doing this we are sure of fruit. Otherwise we are not.

One great trouble with our meadows, at least in southern Iowa, is the blue grass gets into them despite all that we can do. It is like ground ivy—creeping everywhere. The first thing we know it is all through the meadows.

The only thing we can do then is to start a new meadow and turn the old one over with the plow.

We read now of various gifts given by wealthy men of libraries and tracts of land, often with but one condition,

viz.: to name the park or building after the donor.

This is the way, they think, to insure them a lasting monument among men. The race hates the idea that death is annihilation. They long to live forever. To forestall any possibility of such an exit they donate money and buildings, etc.

The effort to live forever in the memories of one's fellows is commendable. We have colleges endowed, and professors provided for, hospitals the same and many other blessings.

They are doubtful of immortality through any other channel. They are in the fix of the celebrated Dr. Johnson, who, having been asked whether he believed in immortality, replied: "I should like a little more evidence."

So, to make themselves sure of even a little immortality they build colleges and library buildings and thus their money-bags become sources of benefactions to the people.

We wish someone would rise up and tell Agricola what it is makes the Russians hate and massacre the Jews. We are puzzled over the question.

A robin is sitting on the top of a telephone pole and singing with all its might, so we will close and listen.

\$3.50 FROM DES MOINES TO ST. PAUL, MINNEAPOLIS AND RETURN JULY 25TH,

Via the Northwestern Line, will apply for tickets limited to return until July 31st, inclusive, on account of Biennial Saengerfest of the Saengerbund of the Northwest, St. Paul, Minn. Other dates of sale at favorable rates and with longer return limit. For full particulars apply to agents Chicago & Northwestern R'y.

ANOTHER CALIFORNIA RATE.

From June 25th to July 7th the Chicago Great Western Railway will sell round trip tickets to San Francisco and Los Angeles and return at rate of one fare plus two dollars. Diverse routes, frequent stopovers and long limit. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Highland Park College
Des Moines, Iowa

Fall Term Opens Sept. 4, 1906. Other Terms Open Oct. 15, Nov. 21, and Jan. 2, 1907.

THE FOLLOWING REGULAR COURSES MAINTAINED

1 Classical	11 Pharmacy
2 Scientific	12 Music
3 Philosophical	13 Oratory
4 Normal	14 Business
5 Primary Training	15 Shorthand
6 Electrical Engineering	16 Telegraphy
7 Steam Engineering	17 Pen Art and Drawing
8 Mechanical Engineering	18 Railway Mail Service
9 Civil Engineering	19 Summer School
10 Telephone Engineering	20 Home Study

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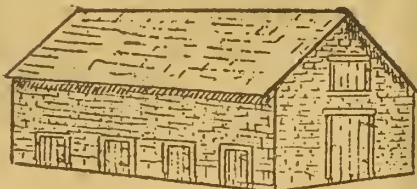
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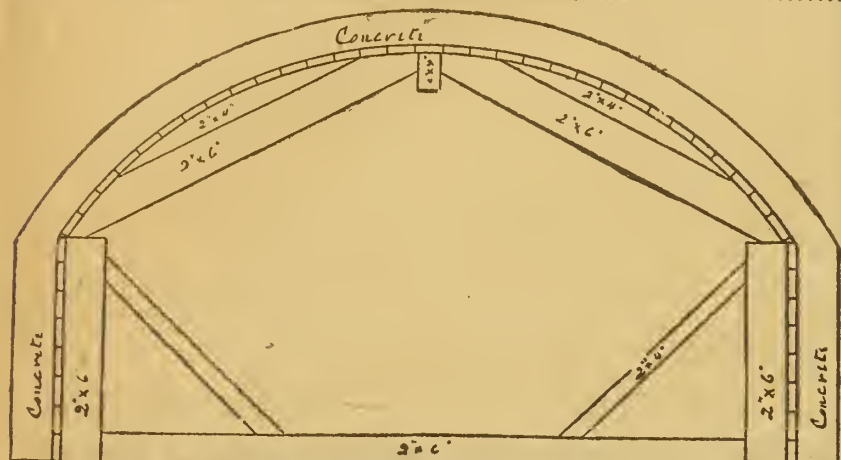
The Kansas Farmer gives directions how to construct a concrete cave or outdoor cellar as follows: "A cement or concrete arched cellar can be made by making the excavation large enough to leave the walls and arch one foot in diameter. Temporary board walls are put in, one foot away from the earth walls, the space to be filled with concrete. If no broken stone is used and sand varying from fine sand to gravel is at hand, very good work may be done by using one of cement to five or even six of sand and gravel. The cribbing for holding the cement in place until it sets is important. It must be strong enough to bear considerable pressure. The diagram shows a cross-section of the cribbing suggested for our correspondent's cave. The interior height of the cave is seven feet. The under side of the roof is made on a seven-foot radius.

arched roof has set. It may be easily knocked out with a hammer, thus loosening all of the timbers. The pairs of rafters may be placed four feet apart. By making a cement floor, say two inches thick, such a cave may be made water and vermin-tight and will be practically fire-proof."

The following from the Twentieth Century Farmer is a description of a very good hog house: "The accompanying illustration shows a substantial and con-



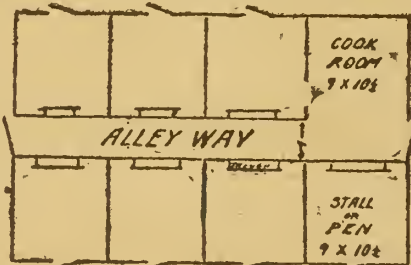
venient hog house. It is twenty-eight feet wide, forty feet long and eight feet high at the corners. It has an eighteen-inch stone wall, the stone being laid in cement. The floor is built of cement and should have a slope of about five to eleven inches in order to have it drained. It has a roof sloping both



Section of support to be used in making concrete cave. Joists and frame work to be removed after concrete has set.

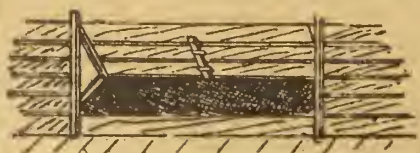
Should it be desired to make the cave higher the drawing may be considered as representing only the upper part. The side walls should be erected first. We have assumed that in digging the cave care will be taken to make the sides of the excavation true enough to serve as supports for the concrete. The walls may be made in sections. In this case the first section will be made about twelve feet long. The cribbing will then be moved and the side completed. It will be necessary to have enough 2x6x12 pieces to support an entire section of the roof. This will require joists enough to make the cribbing for a section on each side so that the method shown for bracing for the cribbing may well be used. The frame for the door will be put in place before the front end is built. The front end will require cribbing for both sides. In this case the 2x6 supports may be tied to each other by nailing 1x2 strips across at top, bottom and middle. After the cribbing is removed these may be driven out and the holes may be filled with cement mortar. After the sides and ends are completed the support for the arched roof will be erected. The diagram makes this plain. The 2x4 key shown between the ends of the rafters is important in the removal of the support after the

ways, which is covered with shingles. In each end it has doors 3½x6 feet in size. In each gable there is a small door immediately above the large door, opening into the loft. This loft is large enough to hold three or four wagonloads of straw, to be used as bedding. Above the loft door on each end is a window,



FLOOR PLAN OF HOG HOUSE.

which can be opened to ventilate. The interior is divided into an alley way four feet wide, extending the entire length of the building, and upon each side are four stalls or pens, into which the hogs are admitted. They enter through doors 2½x3½ feet, which open into the lot. Each pen is provided with one of these doors, so that the hogs can be separated and each bunch can get into the lot through the door from its own stall. The floor of the loft is eight feet from the ground floor and does not extend back to the roof on either side by about two feet. Through this space the bedding is thrown down. This space also provides for ventilation. The stalls in-



SECTION OF STALL.

side are about 9x10½ feet. The posts and boards used inside for partitions are all of oak. For feeding slops a substantial trough is made from two-inch plank, and immediately above the trough the partition is made into a hinged door, which swings above the trough and is held in place by a bar which slides. When the slops are being poured into the trough this door can be swung back and fastened by the sliding bar so that

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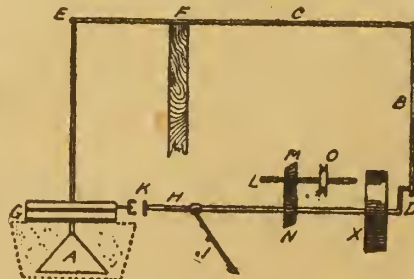
SHULL BROS., GARDEN CITY, KAN.

PATENTS
ORWIG & LANE,
DES MOINES, IA.

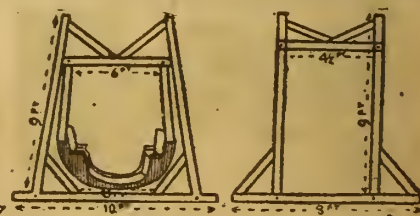
Send sketch or model of invention for free opinion as to patent ability. Reference, Ia. Homestead

M, when the lever is released, stopping the machine quickly. I made all this myself, and it has been in use three years, so I know that it is a complete success. The shaft, H, is common seven-eighths-inch iron; the shaft, L, is common one-half-inch iron. I made the whole thing in less than a week, but spent no extra time on looks. Could not afford to. I would not advise making these things except that I know they have saved the time it would take me to make them over and over again. I believe in saving my wife and making her work as easy as possible."

A subscriber asks the Family Herald to give instruction for making a lawn swing. That paper gives the following: "A cheap homemade lawn swing may be made by following these directions, by anyone who is handy with tools: The posts at side are eight feet apart and batted to the side sill, which is ten feet long. A crossbar connects the same six feet up and six feet long; this slope will give strength to the frame. The crossbar to which the swing is suspended must be bolted on the inside of the legs. The cradle is swung by two straps of iron three-eighths by one and one-half



the different parts of the tub. Some never saw such a washer. It is about ten inches across, and is like an inverted funnel. Used like a churn dasher it does as good work as any washer could. We put a weight at E. G. is the wringer. The shaft, H, is moved an inch lengthwise by the lever, I, to engage or disengage with clutch, K, on the wringer. Simply pushing the lever from you, stops the wringer. N is a pulley fastened on the shaft. M is on the stationary shaft, L. When the shaft, H, is moved by the lever, I, the pulley, N, engages the pulley, M. The pulley, O, has groove and a belt from it to run the sewing machine. We only have a machine head. It sets up on the frame of the rigging described. Wife sits on a stool and works the lever with her knee. A weight running over a pulley brings the lever back. A piece of iron on the back of lever, I, rubs on pulley,



inches and four feet long, these straps to have holes punched in each end and swung from the inside of the crossbar above, and attached to the outside of cradle with half-inch bolts. The cradle to be three feet wide, giving plenty of room to swing clear of frame. The swing can be worked by a rope hanging from the crossbar overhead. The braces must be put in very solid. The whole material to be of 2x4-inch stuff—two pieces for side sills ten feet long, four pieces for corner posts nine feet long, two pieces for end of base eight feet long, two pieces for cross pieces on side above, two pieces for cross pieces on end above, four pieces 2x4 twelve feet long to cut into braces. The cradle can be made of inch timber of any design. The whole to be bolted securely together."

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OUR DAIRY DEPARTMENT

All communication relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

THE OVERRUN IN CREAMERIES.

This subject is discussed by Professors McKay and Larsen in their recent work on butter-making. They say that the amount of overrun is the difference between the amount of pure butter fat and the amount of butter manufactured from that given amount of fat.

The calculation of the overrun in the creamery should be made, according to these authors, from the fat basis on which the patrons are being paid. If the fat is delivered in the cream the overrun should be calculated from the fat in the cream. The overrun calculated from the composition of the butter manufactured would not be correct, as there might be serious losses of fat sustained in the process of manufacture. It is possible that butter might show a high content of the substances not fat and yet not show a good overrun on account of losses, while butter containing only a medium high moisture-content might show as great or greater overrun on account of thorough and efficient work during the different steps of manufacture.

The amount of overrun depends on

four factors, namely, thoroughness of skimming, completeness of churning, general losses in the creamery and the composition of the butter manufactured. In creameries where the conditions of separation and churning are almost perfect the theoretical overrun may be quite accurately calculated from the composition of the butter manufactured. The amount of fat in buttermilk under favorable conditions should not exceed two-tenths of 1 per cent, and in skim milk it should not be more than one-tenth of 1 per cent. On this basis the authors give the theoretical computation of how much butter a thousand pounds of 4 per cent milk should make. There will be, to begin with, forty pounds of fat in the one thousand pounds of milk. A loss of one-tenth of 1 per cent of fat in the skim milk would leave thirty-nine and one-eighth pounds of butter fat. The additional loss in the butter milk would make a total loss of a little more than one pound, or, to be accurate, 1.075 pounds. This leaves 38.925 pounds of fat to be made into butter. If this butter on analysis proved to contain 82 per cent of fat, the total amount of butter made would be 47.47 pounds, the latter figure being obtained in the calculation by multiplying the total amount of butter fat embodied in the butter by 100 and dividing by eighty-two, because, as said before, the analysis in this case indicated that the butter contained 82 per cent of fat. This calculation shows that from the one thousand pounds of 4 per cent milk there was actually made 47.47 pounds of butter, or a theoretical overrun of 47.47 pounds, or 18.7 per cent.

DAIRYING ALL THE YEAR ROUND.

The Montreal Star in one of its recent issues presents a paper on the above subject by an Ontario dairyman, Mr. Hendricks. Among other things, Mr. Hendricks says:

Cheese, which is the principal output in our district, has been, all along, one to two cents higher than last year, and pastures, I never saw them better at this time of year. True, the spring was late, but owing to the mild winter, feed was plentiful, and it did not matter much that we were forced to stable our cattle a week or two later in the season than usual.

I keep thirty-five milk cows right along. I dairy summer and winter, and manage to have pretty nearly the same amount of milk at all seasons of the year. I send my milk to the cheese factory. Early in the season my milk netted me something like one dollar per cwt. at the cheese factory, which is about as high a price as I ever got.

Farmers, as a rule, depend too much upon pastures, and do not use enough of green feed or grain. I do not depend on the pastures for more than a month or two any season. I feed more or less meal to my milking stock every day in the year. Just now I feed very little. In fact I do not know that it pays to feed the meal now in the flush of the pastures, but my cows got so accustomed to receiving their grain ration, that it would be a great disappointment to them on coming to the stables to find no meal in their boxes. It pays, you know, to please the milk cow. Just now we are only feeding about a quart of meal, morning and evening. In a few weeks I shall have plenty of green feed, as peas, oats and vetches, to supplement the pastures when they began to fail in July. I give this green feed in the stable as I feed everything to my cattle. It is a great waste, of both feed and manure, to feed in the yard—or in fact in the pastures either. I have several sowings of peas, oats and vetches, coming in at different times through the summer, and when that is eaten up I shall have corn in plenty, sheaf-oats, etc. I have no silo, yet I grow lots of fodder corn and oats. Some of the corn I cut and shuck, and feed it to my cows well into the winter. I also store a quantity of sheaf oats (not oat hay) cut on the green side, and feed unthrashed. I consider well-cured sheaf oats, cut on the green side, one of the best milk-giving feeds. In my experience it is superior to clover hay or fodder corn.

I also feed large quantities of clover green and cured, summer and winter. My winter feed largely consists of clover hay, sheaf oats and fodder corn with meal feed. I sell my thrashed oats and buy mill-feed. This at first greatly surprised my neighbors who were not in the habit of drawing home wagon loads of sacked meal from the railway station. I grow the clover in the oats—that which I cut on the green side for feeding in the sheaf. I find my clover a pretty sure thing, grown this way, every year. I sow timothy with the clover in case of some of the clover failing.

My cows are not phenomenal milkers, but they are a pretty good average, and are getting better every year.

The daily milk yield from thirty-five cows is about 700 pounds. I first kept Jerseys largely, but as our factory does not believe in the Babcock test, I am getting into Holsteins now, which give a much larger yield of milk for a less butter fat content.

For a great part of the time this season my receipts have been seven dollars a day, from milk sent to the factory, which is satisfactory. I dairy all the year around. I do not believe in the way many farmers manage, that is dairy for a few months in the summer and then quit. There is no money in this kind of dairying. My receipts last year from my dairy was \$1,700.

The plan suggested above is undoubtedly the only practical method of realizing a satisfactory profit from a dairy herd. The average man of the corn belt,



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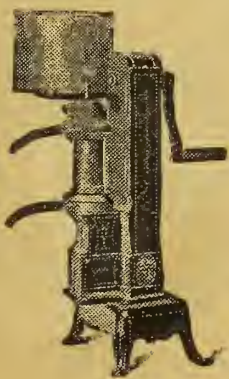
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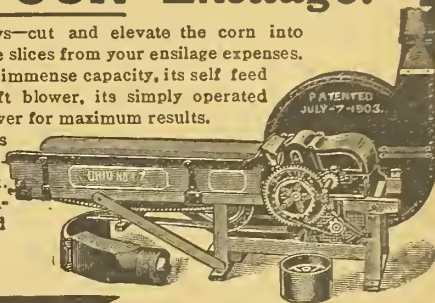
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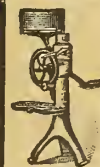
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however, unless he is a specialist along dairy lines, will scarcely tie himself down the entire year, as will be necessary if the above plans are carried out. The labor item is what makes the corn-belt farmer recoil from the dairying proposition. At the same time where attractive profits are realized it is absolutely necessary to stay by the business through thick and thin.

"Philosophy," what does this mean? Turn to page 5 and see what the Litchfield Mfg. Co. say about it.

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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

RIPARIAN OWNERSHIP—CONFLICTING AUTHORITIES.

The editor of the legal department regrets that a mistake was made in answer to the question of a subscriber at Bellevue, Iowa, in the issue of May 31st, under the caption, "Land Bounded by River." The mistake consists in the assumption that the owner of land in Iowa which is bounded by the Mississippi river, or other streams actually navigable, has title to the fee in the ground to the middle of the stream, and hence controls the shore or beach down to the water line of low water, and can exact compensation for the use of such shore or beach, from any person who occupies it. This doctrine is recognized as the law in Connecticut, Tennessee, Ohio, Missouri, Illinois, Massachusetts, Maryland, Wisconsin, South Carolina, Maine, Michigan, Mississippi and New Jersey. In all these states, where land is bounded by a navigable stream, the owners' title extends to the middle of the stream, unless the tide ebbs and flows in it. But, it is not the law in Iowa, where the owner's title extends only to high water mark, and the shore or beach below that line belongs to the public. The owner has some rights on this shore or beach, beyond what are enjoyed by the public, but exactly what they are, is not clearly defined in the decisions of the courts. He has, however, no right to prevent persons from going thereon to fish, or to take sand or gravel, or perhaps to catch driftwood. The leading case in Iowa on the subject is "McManus v. Carmichael," 3 Ia., Sup. Ct. R. p. 1. In that case, the plaintiff owned land in Iowa bounded by the Mississippi river, and sued the defendant for trespass in taking two boat loads of sand and gravel from the shore, below high water mark. The court held it was no trespass, on the ground that plaintiff's ownership extended only to high water mark. Since then the supreme court of Iowa has announced the same views in a number of cases. A similar doctrine is held in North Carolina, Alabama, Kentucky, Kansas, Pennsylvania, New York and Delaware.

LAW QUESTIONS CONSIDERED.

INCORPORATING A COMPANY.

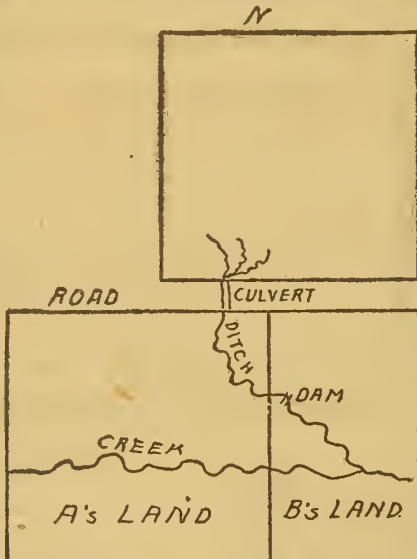
A Subscriber, Story City, Iowa.—(1) Give full directions for incorporating a farmers' telephone company in Iowa. (2) Must such a company deposit a certain sum in the office of the state treasurer when there will be no income from the operation of the company? (3) When there are only six men in the company can one man hold two offices to make the full set in filling out articles of incorporation?

Answer.—(1) Any number of persons may incorporate a company under the laws of Iowa. Proceedings to incorporate a farmers' telephone company do not differ from proceedings to incorporate any other ordinary company. When persons wish to incorporate a company they must first adopt articles of incorporation, which must be signed and acknowledged by them and filed in the

office of the recorder of deeds of the county where their principal place of business is to be. The articles are then forwarded to the secretary of state to be recorded there. Twenty-five dollars and fees for recording must be paid the secretary of state and he then issues a certificate of incorporation. Within three months thereafter the company must publish notice for four weeks in some newspaper near its principal place of business, containing its corporate name, principal place of business, and general nature of business, amount of capital stock, when paid in, etc., time of commencement and expiration of corporation; officers, and how and when elected; highest amount of indebtedness it will incur and whether private property is exempt from corporate debts. (2) Yes; the \$25 above mentioned. (3) Yes; that may be provided for by the articles of incorporation and the by-laws. After a certificate is issued the company ought to adopt by-laws, regulating the details of its operation.

DRAINAGE WATER.

A Subscriber, Elk City, Kan.—A and B own adjoining farms, north of which there is a public road. A ditch or waterway begins on land north of the road, runs south and crosses the road through a culvert, then runs through a corner of A's land and through a portion of B's land to the creek, as indicated in diagram attached. B claims that said ditch or waterway is not a natural waterway, as it carries water only after rains, and he has filled up the ditch on his

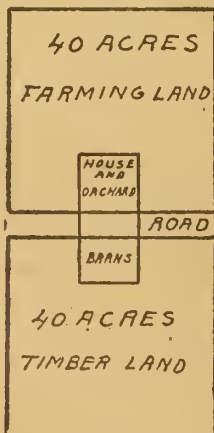


own ground at the division line. This results in damage to A's land. (1) Has B a right to stop the water at his west line, by filling up the ditch? (2) Has A a right to build a dike on his north line so as to stop the water from running through his land?

Answer.—(1) It is difficult to answer this question without having more information about the nature of the ditch or water way, than the above statement discloses. Upon general principles, a land owner in Kansas has a right to erect barriers against the flow of surface water coming from other lands—so if the water running in the ditch or waterway mentioned is wholly surface water, either A. or B. would have a right to stop it at his line, unless under such circumstances as would render it excessively injurious to the road, or the lands of others. The second question rests upon the same principles.

SETTING OFF WIDOW'S SHARE.

An Iowa Subscriber.—A died, leaving a widow and children, and a farm of eighty acres. The dwelling and other improvements are located as shown in the accompanying diagram. Will the widow hold forty acres as a homestead taken out of the center of



the farm so as to include the improvements, or will she have to take one-third of the value of the farm as her share? The other business relating to the estate of A. has been settled.

Answer.—The law provides that a widow's distributive share of her de-



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8,000 sq. ft. of Black Diamond laid over shingles.

recommended Black Diamond to neighbors and friends. Records of ten years and more of satisfaction prove the value of this veteran roofing.

Sample and Booklet mailed free on request.

Address the nearest office, BARRETT MANUFACTURING CO., Black Diamond Dept.
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More rolls of Black Diamond Ready Roofing are in use today than of all other ready roofings combined.

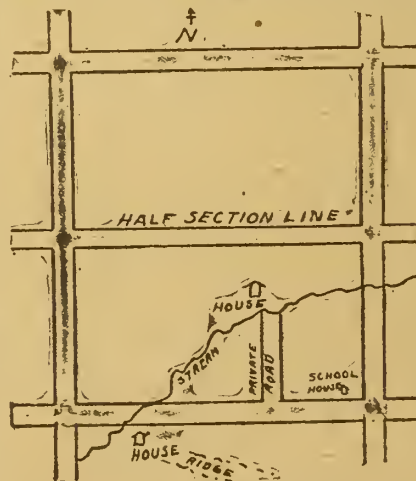
There's a good reason for it.

Black Diamond was the first good ready roofing to be put on the market, and it got a long start. It could never have continued and maintained its present supremacy if it did not have merit. Thousands of satisfied owners, whose testimony we have in our possession, have advertised and

ceased husband's real estate shall be set off so as to include the ordinary dwelling house given by law to the homestead, unless she prefers a different arrangement. When the widow's share cannot be set off, without detriment or injury to the portion remaining for the heirs the court will upon a proper proceeding, order the land to be sold and the proceeds divided—one-third to the widow, two-thirds to the heirs. This would probably be done in your case, if application is made to the court in the regular way.

CHANGING PUBLIC ROADS.

A Subscriber, Hebron, Iowa.—We have a public road running east and west on a half section line, and another road half a mile south, parallel to the first, which is a school-house line. We wish to close the road on the half section line and also the other road for about three-fourths of a mile west of the school house and establish a new road beginning three-fourths



of a mile west of the school house and running either along the stream or on a ridge to the road running north and south, all of which will more plainly appear on the diagram attached. The road by the school house and the road on the half section line are not very good. There is no house on the latter road, but two houses on the former, as indicated on the diagram. Can this be accomplished, and, if so, how?

Answer.—This means the vacation of two roads, and the establishment of a new one—three different proceedings but of the same nature. Each one requires a petition addressed to the board of supervisors filed in the auditor's office—a bond for expense in case change is not made, appointment of commissioner by the auditor to examine route and report, hearing of objections and claims for damages, final decision by board of supervisors. We think it advisable that a competent attorney be employed to conduct the proceedings. They are somewhat complicated.

DRAINAGE ON ANOTHER'S LAND.

Mr. J. T. Svenson, Gowrie, Iowa.—R., S. and J. own adjoining farms. A small slough or draw runs through the three farms, as shown on accompanying diagram. There is a pond on the northeastern part of S's land which he drained by a scrap ditch about eight years ago. Five years ago a railroad was built through the farms as shown on the diagram. The builders put the bridge over S's ditch on comparatively high ground, the dump or fill there being scarcely a foot and a half, while it is over four feet about twenty-five rods

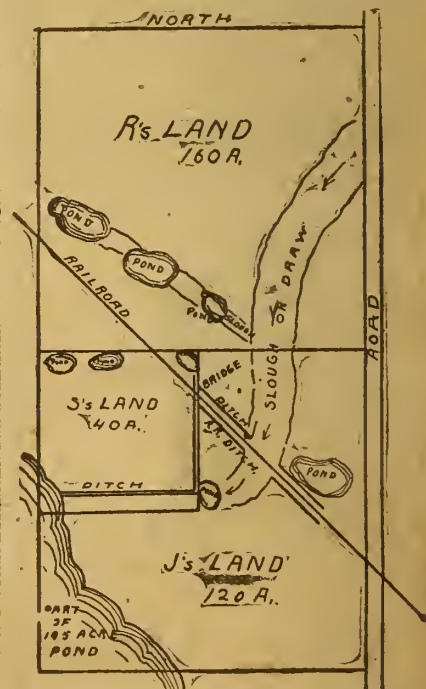
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to the east. The water now runs in the cut on the right of way to the bridge and then back along the railroad ditch to the original draw. R. claims he has permission of the railroad company to outlet his water at the railroad bridge. Can he force his



outlet water through the dry land of S. or J. without paying them compensation, or will he have to follow the original draw or slough?

Answer.—R. cannot lawfully force his drainage water through the dry land of either S. or J. He cannot do it even by paying compensation without their consent. If there was a natural depression from the bridge going through the land of S. or J. and leading into a natural water course, R. could outlet his water into it, without paying any compensation, but he cannot use the dry land of another for that purpose.

SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS, Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until October 31st. Specially low rate round trip tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 18th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.

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Buy it on a Plan so You Know You Have a Bargain
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We insure you against any loss if a flaw develops in either workmanship or material within that time. Do you want a vehicle of that kind sold that way? Anything you need in vehicle line on just that plan. Send today for manufacturers' catalog. Address Dept. C., The Apex Mfg. Co., Bloomington, Ill.



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PROF. DEAN'S KING CACTUS OIL

Will heal the worst barbed wire cut without leaving a scar if used in time. We have thousands of testimonials that prove this fact. Every owner of live stock should keep it on hand, for it is a positive cure for cuts, sprains, bruises, old sores, swellings, open wounds, harness and saddle galls, etc.

KING CACTUS OIL is equally valuable for ailments of the human race. It is magnetized and soothing, pleasant to apply and heals a wound from the bottom up.

Sold by druggists in 15c., 50c. and \$1 bottles, \$3 and \$5 decorated cans. Sent prepaid if your druggist cannot supply you by **OLNEY & McDAID, Clinton, Iowa.**

Dipolene

For All Farm Stock

Every farmer should dip his stock in DIPOLENE—promotes health, Prevents Disease

It kills sheep ticks, lice on hogs, horses and cattle, fleas on dogs. Cures scab, eczema, mange and all skin diseases on domestic animals; lice on chickens. DIPOLENE DOES IT IN A MINUTE without injury. One gallon makes 100 gallons of dip ready for use. Write today for price and FREE booklet, "DIPPING FOR DOLLARS—learn how easy it is to dip."

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Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be limited. Easy to use, only a little required, and your money back if it ever fails.

Fleming's Vest-Pocket Veterinary Adviser describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

FLEMING BROS., Chemists,
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...CURES... FISTULA, POLL EVIL.

40% of cures made by 1 bottle.
22% of cures made by 2 bottles.
15% of cures made by 3 bottles.
13% of cures made by 4 bottles.
Price, postpaid, 50 cents.
Treatise free upon application.

CLOUSE & STAMM, Chemists,
228 S. STATE ST., GENESEO, ILL.

"I cured eight horses of fistula with the above remedy."—Norman Shearer, Supervisor of Munson Township, Geneseo, Ill., May 19, 1906.



PRUSSIAN HEAVE POWDERS
A guaranteed cure for Heaves, Coughs, Distemper, Indigestion, Wind Troubles.
Dealers 50 cents, Mail 60 cents.
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MADISON, WIS.,
Veterinary Editor The Homestead.

CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

KIDNEY TROUBLE.

I have some sows which are lame, and have difficulty in getting up; their water has the appearance of brick dust and water. They have been running on good clover pasture since the first of May and are due to farrow the last of the same month.

It is probable that acid fungi in clover are causing the trouble so that we would advise a change to grass pasture or rape. Physic sows with epsom salts in slop. If trouble continues give two drams of sanmetto twice daily.

LAMENESS.

A three-year-old mare came in from pasture last fall unable to step on her left hind foot, and leg was swollen to the stiffl. Could find no bruise or injury of any kind. When the swelling disappeared it left a small hard growth, scarcely noticeable, just above the hoof. She is not lame, but as she puts her weight on it you can see and hear it snap just on front and above hoof. Have given it no treatment. She is not broken and has been running out all the time. Please give me advice through your columns. She is doing very well without treat-

ment and will doubtless outgrow the injury. Without an examination we are unable to locate the cause of the snapping sound but it would more usually be in the stiffl than where you indicate. If it is the fetlock joint a blister might do good.

SPOILED UDDER.

A mare last summer had trouble with her udder, which swelled and little pockets formed which oozed a little matter. Had to wean the colt, but milked the mare two or three times a day as long as I could get any milk. Used peroxide of hydrogen and finally had veterinarian open it. Later another veterinarian cut out the affected part. It then swelled up on each side and pus pockets formed which ran continually a light, slightly ill-smelling matter. If opened it bleeds freely. Am using arsenic twice a week in pus pockets. It is quite sore and mare does not move around much. What is the trouble and what is the remedy?

Udder has become invaded by a fungous growth (botryomycosis) and will never resume natural function. Amputation of the udder might be performed by an expert. At least stop use of arsenic and inject tincture of iodine once daily and use it freely to paint exterior of udder at same time. Give her two drams of calcium sulphide once daily and increase to two doses daily if necessary.



FREE TRIAL
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FOUR BITS IN ONE
Cures Kickers, Runaways, Pullers, Skyers, etc. Send for Bit on Ten Days' Trial and circular showing the four distinct ways of using it.
Prof. J. A. Beery, Pleasant Hill, Ohio

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Used Over 20 Years
Tatonsville, Ky.,
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Dr. B. J. Kendall Co.
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Respectfully yours
S. J. Cox

Kendall's Spavin Cure

Is the remedy for Spavins, Splints, Ringbones and Curbs that endures two generations at its worth. Price \$1; 5 for \$5. Greatest known liniment for family use. All druggists sell it. Accept no substitute. The great book "A Treatise on the Horse," free.
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A ROG SPAVIN or THOROUGHPIN, but

ABSORBINE

will clean them off, and you work the horse same time. Does not blister or remove the hair. Will tell you more if you write, \$2.00 per bottle, delivered. Book 4-C free.

ABSORBINE, JR., for manking, \$1.00 bottle. Cures Varicose Veins, Varicose, Hydrocele, Ruptured Muscles or Ligaments, Enlarged Glands, Allays Pain. Genuine mfd. only by

W. F. Young, P. D. P., 40 Monmouth St., Springfield Mass

WIRE CUTS galls and sores. Dr. Lister's Red Star Healing Powder. No scar. Guaranteed. 50c druggists, or prepaid by mail. Red Star Healing Powder Co., Garner, Ia.

COLORADO WEATHER REPORT FOR MAY.

DENVER, June 1.—Denver had 290 hours of sunshine during May, 65 per cent of the possible, or 5 per cent more than normal—no day without sunshine, seven with 90 per cent or more, and two with 100 per cent.

Go to Colorado this Summer

You may have had a fairly good time somewhere else last Summer, but you'll have the "time of your life" this summer if you go to Colorado.

Let the Rocky Mountain climate—the pure air, sunshine, magnificent scenery and pastimes make you forget all your cares in a vacation of supreme delight.

Go via the Rock Island and enjoy the advantages of new equipment, fast time, direct route to both Denver and Colorado Springs, and very low rates for the round trip. Unusual reduction July 10 to 15, account Elks' excursion.

Fast through trains three times a day from Des Moines—almost "as the crow flies" to Colorado.

Pullman drawing-room and tourist sleeping cars, electric-lighted reclining chair cars and coaches.

Best meals on wheels.

Let me send you our new illustrated booklet, "Under the Turquoise Sky," containing full information about Colorado, with complete list of hotels and boarding houses. Advice as to excursion rates will accompany it.



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MAKES SPORT FOR ANGLERS


Government Plants Trout By the Millions.

DENVER, Feb. 15.—A statement just issued shows that over 7,000,000 young trout were planted by the Government in Colorado streams during 1905.

For a number of years fish in the mountain streams have been increasing in great numbers.

The United States Government and the State hatcheries each year plant a hundred times more fish than are taken out by hook and line.

KRESO DIP



Cures Scab or Mange Cuts & Sores on all Live Stock DESTROYS ALL DISEASE GERMS KILLS ALL KINDS OF LICE AND PARASITES

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THE FAMOUS OLD TRUSTY

More than your money's worth in incubators during the summer. We have them all best; 40, 60 or 90 days to prove it. 5 year Guarantee.

Now is the time to write to
M. M. JOHNSON, The Incubator Man,
Clay Center, Neb.

POULTRY.

White Wyandottes.

Big cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM,
Box 253, Audubon, Iowa.

PRICES REDUCED

ROSE Comb Brown Leghorn eggs, 20, \$1; 50, \$2; 100, \$3. Elia Sharp, Mt. Sterling, Iowa.

ROSE COMB WHITE LEGHORNS.

Eggs 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

WHITE ROCK EGGS. Iowa State Show winners score 94 to 95. \$2.00 for fifteen, \$3.50 for thirty, \$5 for fifty. 1906 Egg Circular FREE. Pleasant Grove Poultry Yards, Pleasantville, Iowa.

Eggs from pure bred, well marked, standard weight Light Brahmas at \$1 per sitting. I ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

SILVER LACED WYANDOTTES. Eggs in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

100 GOOD laying single comb brown and white Leghorn hens at 60c each, \$6 per dozen.
F. E. GARRETT, LOHRVILLE, IOWA.

BARRED P. Rocks exclusively. Large thrifty birds, excellent layers. Eggs 60c per 18, \$1 per 36, \$2.65 per 100. J. M. Reader, Earlville, Iowa.

UPLAND Poultry Farm. Lt. Brahma, S. L. Wyandotte and R. C. B. Leghorn eggs for sale, 20 for \$1, 50 for \$2, 100 for \$3.75. Albert Haus, Waucoma, Ia.

WHITE Wyandotte eggs from birds scoring 94 to 96, 15 for \$1.25, two or more sittings \$1 each. Mrs. L. M. Estes, Audubon, Iowa. R. F. D. 2

ROSE Comb Brown Leghorn eggs for sale. \$1.50 per 30; \$3 per hundred.
F. BOWMAN, Eldora, Iowa.

EGGS, B. & W. Langshans, Lt. Brah. \$1.25 15, \$2.75 50, \$5 100. M. B. turkeys \$2.50 9. Tou. geese \$1.50 per 5. Mrs. S. E. Newell, R. D. 6, Audubon, Iowa.

15 R. C. W. LECHORN hens, scored, and one cock, no kin, for sale at \$16 for all, scoring 93% to 95%. John A. Johnson, R. 1, Box 23, Dayton, Ia.

ROSE Comb White Leghorn and Black Langshan eggs for hatching for sale, 26 for \$1.50 or \$4.00 per 100. Joseph Kappes, Jr., Ashton, Iowa.

S. C. B. LECHORN EGGS for hatching at 50 cents for 15 or \$2.75 per 100. J. P. Eskildsen, Lawler, Iowa.

S. C. B. Leghorns exclusively. Pure bred. Eggs, S. 50c per 15, \$1.50 per 50, \$2.75 per 100. James H. Irwin, Belle Plaine, Iowa.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

CROSS-BRED HENS.

BY MILLER PURVIS.

I am not a very good friend to the cross-bred hen, notwithstanding the fact that at least 95 per cent of the hens of this country are of mixed blood. Recently in congress a member of the house of representatives from Iowa made an eloquent plea for the hen, pointing out her productive qualities. I don't suppose this congressman knows very much about the breeds of hens in this country, but he has a lively sense of the importance of the poultry industry as a whole and is an ardent admirer of the hen collectively. He probably did not stop to think that the hen of mixed blood, the lowly and much-berated scrub, is responsible for much the largest part of the profits derived from the poultry industry in this country.

A good many years of my life have been devoted to preaching the doctrine of better poultry and more of it and I firmly believe that pure-bred poultry should be kept by everyone, just as I firmly believe in pure-bred hogs and cattle. At the same time I have moments when I think we insist so strongly on pure-bred hens that we discourage those whose flocks are of mixed blood until they do not give their fowls the kind of care that brings the best results.

I place it to my credit that I have always insisted that a well-cared-for flock of scrub hens would be more profitable than a neglected flock of the best breed on earth. If blood counts for fifty points in a flock of hens, care counts for fifty more. I think with a little judicious cross-examining I might be induced to admit that there might be cases where care counts for about 75 points in making for profit. The truth is that the best layers in a flock of the most mixed-up hens in the country will lay better than the poorest layers in the average pure-bred flock. It is also true that the best layers in a pure-bred flock will lay more eggs than the best mongrels or scrubs that could be selected by the most expert poultryman.

I have had a bit of experience this season that has surprised me. I wanted some hens to sit, as I did not care to hatch more than a few chicks and was not in a position to use one of my four incubators. I hunted around and found a man who was anxious to sell his hens because "the blasted things were eating their heads off and not laying." He thought about fifty cents each would be the proper price. I went to see his hens, and they were certainly mongrels if ever there were any. Big, fat and lazy. That much I saw at once. The owner said they would make good sitters. He knew this because they put in last summer sitting. They seemed to be a mixture of Cochin, Barred Plymouth Rock and Leghorn. I guessed at the Leghorn from their white ear lobes. Three of them were barred and the other three were red, with some black in their plumage. Some had scattering feathers on their legs. They looked promising as sitters and I took the six of them home.

The man I bought them of said they had laid a few eggs during the spring, but not many. I put these hens into a house 8x12 feet and began to feed them the feed I had on hand. This was a mixture of wheat, oats, barley, cracked corn, millet, buckwheat, sunflower seeds, and oyster shells, with a little crushed charcoal. There was no meat in the mixture, and as I did not happen to have any on hand I did not give the hens any. I wanted them to sit and not to lay.

I gave them a good feed of mixed grains morning and evening and every day a big feed of dandelion leaves, chopped fine with a sharp hatchet. The dandelions were fed because they were plentiful and a nuisance. Once in a while I gave them green clover, but not often. I wanted to get the dandelions out of the way.

For a week the hens loafed most of the time. They had no yard to run in and were shut in the house all the time. At the end of the week they were laying two and three eggs a day. Then they started in to show me what

they could do. I got three, four and five eggs a day. I never succeeded in getting as many eggs in a day as I had hens, but for several days at a time I have gathered four and five eggs from the six hens.

One of them finally concluded to sit and is now with a brood of chicks about a week old. The others are still laying. Thirty eggs in nine days is their latest achievement. This is equal to two eggs every three days for the whole flock. For more than two months these mongrel hens have been laying at the rate of nearly 225 eggs each a year. I have built a yard and have given up hope of getting them to sit this year. In fact I am not going to let them sit. If one gets broody I shall break her up at once and put her to laying. If the production of eggs begins to fall off I shall begin to feed meat scrap to promote laying again. I am going to keep these hens at work as long as I can. They have paid for themselves since I got them and if they keep on they will prove about the best investment I ever made in poultry. For breeding stock they are not worth more than I paid for them, but for producing eggs for market they are worth three times as much as they cost.

Some of my friends have remarked that I should not tell about what these hens are doing. I don't see why not. I hope the story will encourage someone to take better care of their scrub hens. The average production of eggs in this country is about five dozen for each hen. With good care given to the same hens this could be doubled without a doubt. This would be doubling the income without investing an additional cent in the business, or adding to the labor connected with it. As the hens of the country now produce eggs the national debt could be paid with the egg money in less than two years. If every flock in the country were fed so as to promote egg production to the highest possible limit the debt could be wiped out in one year. The Iowa hen produces more revenue than the hens from any other state in the Union. Give her a chance and she would make the Iowa hog "sit up and take notice," or lose his reputation as a mortgage payer. If the hog is the mortgage payer, the hen buys the groceries and the fixings for mother and the girls, while father is raising the hogs. And it isn't the pure-bred hens that are doing this. The pure-bred hens count for possibly 5 per cent of the work and the mongrel cross-bred hen does the rest.

Corn-belt farms produce everything absolutely necessary to feeding for eggs except charcoal and oyster shell and both of these are cheap. Mix a lot of grain, such as I feed, throw in a little grit, oyster shell and charcoal, say five pounds of each to each 100 pounds of grain, feed green stuff or let the hens run where they can get it, provide plenty of pure water, give them milk, sweet, sour, or buttermilk if you have it, and your scrubby mongrel hens will surprise you. Sell the old hens—those over two years old—this fall, give the pullets a good house and save the increased profits and you will soon have money enough to start out with a flock of pure-breds that will add dollars to the value of the farm and be something to be proud of when your neighbors come around to see how you take care of things.

HOMESEEKERS' EXCURSIONS.**CHICAGO GREAT WESTERN RAILWAY.**

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September,

CONGO NEVER-LEAK ROOFING

The Ready Roofing that looks like Rubber—feels like Rubber—has the elastic qualities of Rubber—but wears like Iron. There's where it beats any other Ready Roofing made.

It is impervious to heat, cold, wind and storm. Follow the very simple directions which come with each roll and you will have dry, warm buildings and a Never-leak Roof.

Write for free sample and name of nearest agent.
BUCHANAN-FOSTER CO.,
442 Chestnut Street, Philadelphia, Pa.

FREE SAMPLE ON REQUEST

\$20 IN GOLD FOR ONE EGG

THERE IS MONEY IN EGGS

If you want to get \$20 in gold for one egg; \$20 for a dozen big eggs; \$20 for a dozen little eggs; \$20 for a dozen fancy eggs; if you want to learn how to GET MORE FOR EVERY EGG YOU SELL write today for particulars and FREE premium list of

THE NATIONAL EGG SHOW
to be given in Kansas City by
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ALL PREMIUMS PAYABLE IN GOLD

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WONDER PLOW FREE

This is a genuine offer made to introduce the famous **Wonder Plow Truck** in every neighborhood. Makes plowing easy. Regulates depth and makes furrows uniform width. **Lightens draft one third.** Balances and steadies plow in hard, dry or stony soil, or in tall grass or weeds.

The plowman walks on the land. Don't need to hold handles. Send your name, P. O. address and R. R. station today and receive our Free Offer. Address all correspondence to
PEOPLE'S SUPPLY CO., Dept. E, Kansas City, Mo.

\$60 GOES LIKE SIXTY SELLS LIKE SIXTY

GASOLINE ENGINES for Pumping, Cream Separator, Churn, Washing Machine, Ice Cream Freezer, etc. Send for catalogue.
GILSON MFG. CO.
Port Washington, Wis.

DOGS.
RATS My SCOTTISH TERRIERS will make them git. Fine female puppies from recorded parents at \$5 each. Pedigree with sale.
S. W. HARR, - - - Riverside, Iowa.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. **S. A. Smith, Granger, Mo.**

HOMER PIGEONS FOR BREEDING. FOX Terrier Puppies for sale. Jay Larkin, Winfield, Iowa.

October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ANNUAL MEETING, BAPTIST YOUNG PEOPLE'S UNION OF AMERICA, OMAHA, NEB., JULY 12-15, 1906.

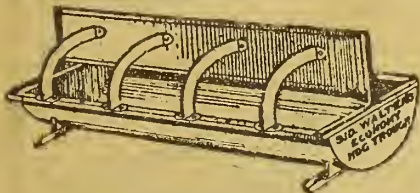
For the above occasion the Iowa Central will sell round trip tickets on July 10, 11, 12 and 13 at rate of one fare plus \$2.00, except that from stations from which the one way rate is \$6.00 or less, rate will be one and one-third fare. Limit for return leaving Omaha July 13, except upon payment of fifty cents limit will be extended until August 15, 1906. For further particulars call on agents or address, A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

HEAT YOUR HOUSE

Store, Church or School House with

**Bovee's
Compound
Horizontal
Radiator
Furnace**Thousands in use; 11
Years on the Market.

Burns any kind of Fuel Having **Bovee's**
IMPROVED HOT BLAST VENTILATING SYSTEM
and Return Circulating Radiator, which gives per-
fectly pure air and Saves One-Third of the Fuel.
Any handy man can properly install one of these
furnaces with all connections in a short time.
These furnaces absolutely make the best and most
durable heating plant in use. Everything guar-
anteed to be first-class. We can save you 40 per
cent on the cost of your heating plant, our price
being but little more than good stoves. Send for
catalog. We have the largest and best line of
furnaces in use, including our Celebrated
WATERLOO Furnace, complete for... **\$43**
Manufactured and sold by the
Bovee Grinder & Furnace Works, Waterloo, Iowa.

The Flour City**GASOLINE ENGINES
TRACTION, PORTABLE, STATIONARY****KINNARD-HAINES CO.
MINNEAPOLIS, MINNESOTA****WALTERS' ECONOMY
HOG TROUGH**

KEEP your hogs clean, healthy, thrifty. Saves
your time and your temper and your feed.
Made of the best galvanized steel with angle steel
rims, 11-inch steel partitions, 17½ inches wide, 5
inches deep and in four lengths. For prices ask
your dealer or write to the manufacturers.

BUTLER MFG. CO.,

1403 West 10th St., Kansas City, Mo.

AGENTS WANTED.Makers Butler Rust Proof Steel Tanks, Jobbers Air
Pressure Tanks and Water Supplies.**GILSEY HOUSE**

29th St. and Broadway, N. Y. City.
In the Heart of the Shopping
and Theatre Districts.
Ten minutes from all depots.

ROOMS

European Plan—\$1 per day up
American Plan—\$2.50 to \$3.50 per day,
ACCORDING TO LOCATION.

75 suites. Parlor, Bed Room and Bath.
Special rates to families.

American and European Plans.
Combination Breakfast, 50c.

Luncheon, 40c.

Dinner, 6 to 8:30, 75c.

H. S. DUNCAN, MANAGER.

Farmers**Attention!**

Bring us your inventions and we will work them
out for you. We will make all your models,
wood and metal patterns, also contract for the manu-
facturing of your inventions. Address,

EAGLE PATTERN WORKS, FAIRFIELD, IOWA.

CANCER

CURED to stay cured. My **TRUE METHOD** kills
the deadly germ which causes Cancer. No knife!
No pain! Longest established, most reliable Cancer
specialist. 16 years in this location. I give a **WRIT-
TEN LEGAL GUARANTEE**. My fee depends on
my success. Send for free 100-p. book and positive
proofs. Address,

**DR. E. O. SMITH, 200 WABASH AVENUE
KANSAS CITY, MO.**

\$25 ON 5 TON **IS WHAT YOU CAN SAVE**
We make all kinds of scales.

Also B. B. Pumps **WASH
FOR**
and Windmills. **PRICE**
BECKMAN BROS., DES MOINES, IOWA.

OUR HOME DEPARTMENT

All communications intended for this depart-
ment should be addressed to Post Office Drawer
117, Kansas City, Missouri.

WITH THE CHILDREN.

Mrs. Walker feels very sure that the
children of the Home Department were
glad to be invited here today. When she
was a little girl there wasn't anything
she loved better than a party. Sometimes
the party dishes were only bits of brok-
en china, and the party supper bread
and butter and sugar with perhaps a
few apples or cookies. Those things did
not matter in the least; the party was
made because we wanted a good time.
We meant to have a good time and so
we had it.

You Home Department boys and girls
have come in that party spirit, haven't
you? I thought so, and now what shall
we do first?

You want me to tell you a story?

Of course you do. Boys and girls al-
ways want a story.

Well, what shall the story be about?

About something I saw in Europe?

Why, yes. Just let me think a mo-
ment. I wonder if you would like to
hear about the dogs' burying ground
at Edinburgh castle and the fountain
erected by the Baroness Burdett Coutts
in memory of faithful Greyfriars Bobby?
I believe you would. And then, if there
should be time, I might tell you some-
thing about the poor unhappy dogs I
saw in Holland.

Very few American boys and girls
have ever seen a castle, so I must tell
you that Edinburgh castle, like many
other old castles in Europe, is not one
big house, but a number of big stone
buildings connected with each other and
surrounded by a high wall with a mas-
sive gate. At Edinburgh castle this out-
er gate does not admit to the castle
courtyard, but only to a passage way
which, in the old days, was guarded by
six additional gates. This was because
if an enemy got through one gate the
garrison could sometimes beat him back
in the narrow passage way. In this
way they often saved the castle to
which the poor people from the sur-
rounding country usually fled for safety
when danger threatened. Long ago peo-
ple spent most of their time fighting,
and castles were constantly being be-
sieged. This one saw many a bloody
scene, though nowadays everything is
very peaceful.

Although soldiers who are in the cas-
tle now may never need to fight, they
drill every day, and crowds of people
go to see them. I went with the oth-
ers. It was after seeing the drill, while
I was strolling about, that I came upon
the dogs' burying ground. It is a small
place, but so trim with its gravel walks
and well-cared-for little graves that it
was easy to believe the soldiers had
dearly loved the pets they laid away
there. The little mounds were like so
much green velvet and each one had
its marble headstone. On one was
written:

In memory
of
Jess the Band Pet.
42d Royal Highlanders.
15-6-81.

On another was inscribed:

PET

Who followed the 72d Highlanders in
peace and war for ten years.

You notice that these dogs had be-
longed not to one soldier, but to a reg-
iment. Instead of one master they had
had many, who seem to have been their
friends. When Flora, the "Canteen Pet,"
died, the Royal Scots showed their grief
and appreciation by erecting quite a
pretty monument. Another regiment did
the same by "Little Tim" and "Yum
Yum," and so on, with perhaps two
score others.

Long before visiting Edinburgh I knew
of its monuments to Grayfriars Bobby.
It was one of the things I had planned
to see, so one day I hunted it up.

When I reached the neighborhood of
the Greyfriars church all at once I came
upon a fountain where a big dog was
taking a drink. In a minute I knew
it was the fountain I was seeking, for
on top of it, just as if he had jumped up
there to take a look around, stood
Greyfriars Bobby. I don't mean the
real Greyfriars Bobby, you know, but
a bronze image of him; one made a
few weeks before he died. Such a home-
ly, kind, cute little fellow the bronze
Bobby looks! I quite understood how
the real Bobby had so many friends.

"The Recollection of Quality Remains
Long After the Price is Forgotten."
Trade Mark Registered

**KEEN
KUTTER****Tools for Hard Work**

Hold a Keen Kutter Saw in working position, and see how it fits the hand.
Look along the blade—see how thin—how perfectly it is ground and ham-
mered. Bend it so point touches handle, and it will spring back straight and
true. Strike it and hear it ring. Try it on a difficult cut—it will work fast
and clean. This is but one of the famous

KEEN KUTTER**Quality Tools**

Try every known test on any Keen Kutter Tool—Saw, Chisel, Bit, Axe, Ham-
mer, Plane, and they will prove themselves true. Try the
temper, quality, and hang of the Keen Kutter Forks, Hoes,
Shovels, Trowels, Rakes, Manure-hooks, or other Farm and
Garden Tools, and they show themselves to be the best.
If not at your dealer's write us.

Tool Book Free.

**SIMMONS HARDWARE COMPANY,
St. Louis and New York, U. S. A.**

SAVE YOUR HAY AND GRAIN!

Stack Covers, made of best quality of canvas, full measure-
ment guaranteed, at bargain prices for the next thirty days.



YOU cannot afford to be without protection at this time. We manufacture
horse and wagon covers and all kinds of canvas goods.

STOCKMEN, ATTENTION!

We carry a full line of rain proof tents of different sizes, together with substantial seats, which we will
rent at very reasonable prices. Write us, before securing sale tent, for prices and illustrated catalog.

Peoria Tent and Awning Co., 117 Main Street, Peoria, Illinois.

When I went up close to the fountain
this is what I read on it:

A tribute to the affectionate fidelity of
GREYFRIARS BOBBY.
In 1858 this faithful dog followed the remains
of his master to the churchyard and
lingered near the spot until
his death in 1872.

You know the story of Greyfriars
Bobby, don't you? No? Why, I thought
all children knew how a poor old tramp
was found dead in a doorway in Edin-
burgh one morning; a little dog beside
him. How, when they buried him, the
dog went to the grave yard and staid
by the grave when the others went
away; how, when the sexton was mak-
ing his rounds before locking the cem-
etery gates in the evening, he found
the dog lying upon the grave and drove
him out; how the same thing happened
again and again for so many days that
at last the sexton gave up driving the
faithful dog away and brought him some
food; how gradually people got to know
about this tramp dog who was so loyal
to his master, and wanting him for
their own, tried to coax him to go home
with them; how the dog never could
be induced to forsake the grave, which
he never left except to go in search
of food; how by and by the city of Ed-
inburgh adopted him, giving him a sil-
ver collar and the name of Greyfriars
Bobby; how after fourteen years the
dog died, mourned by the whole city,
which gave him a public funeral and
laid his body beside the master he loved
so devotedly, and how the rich and be-
nevolent Baroness Burdett Coutts offered
to put up a monument to his memory,
and, her offer being accepted by the
city, this beautiful fountain was erected
to be a blessing to all the dogs and
horses as well as people in that part
of the city.

It is quite a pretty story, is it not?
But telling it has taken so long we
shall not be able to talk about the dogs
of Holland today. How would it be
if we were to have a Children's Day
again, some time before school re-opens?
You would like it very much? Well, I
think it can be managed. I shall see
about it, and mother will tell you when

An All-the-Year-Round Country.

If you wish a profitable location in a cli-
mate pleasant the year through, where
you can make every day count on the farm,
where you can find the best farm bargains,
where crops yield abundantly, markets are
good and all conditions combine to give
greater profits per acre than in any other
section of country and absolutely the best re-
turns for money and labor, select a new
home district in the South, in the territory
of the Southern Railway and Mobile & Ohio
Railroad. For general and special informa-
tion address nearest office.

M. V. Richards, Land and Industrial Agent,
Washington, D. C.
Chas. S. Chase, Agent,
622 Chemical Building, St. Louis, Missouri.
M. A. Hays, Agent,
225 Dearborn Street, Chicago, Illinois.

the date of the next party is settled.
And now you better play about a while,
trying some of our "Good Games for the
Boys and Girls." Then when you are
ready to be quiet again you may sit
down and hear the story of the Tum-
ble-bug.

Good Games for the Boys and Girls.

The game of shul-a-rul is great fun.
You must have the boys and girls stand
in a circle and each hold in his hand a
sackful of beans or hazelnuts.

Each in turn must take some of the
beans or nuts in his hands, turn to his
left-hand neighbor and repeat the follow-
ing rhyme:

Shul-a-rul,
Two hands full;
Pick-a-penny,
Guess how many?

The neighbor makes a guess. If he
guesses too little, the other one must
supply enough beans or nuts to make
the correct number. Suppose the num-
ber is ten and he only guesses eight. He
must be given two to make it ten.

But if he guesses too many, he must
supply enough to make the number
come up to his guess. Suppose the num-
ber is ten, but he guesses thirteen. He
must give three to make it thirteen.

Another good game is called Copen-
hagen. All the boys and girls take
hold of a rope and stand in a circle.

Inside the circle stands one player who is called the "Dangerous Dane." It is the object of the Dane to dart toward somebody and slap his hands before they can be drawn away from the rope. Whoever gets caught must take the place of the Dane.

The game of Grammar is very enjoyable. One plays teacher and the others pupils. The teacher says, "Write a list of nouns." The pupils get to work and the teacher watches their lists. The one who first makes the mistake of writing down something which is not the "name of anything" (i. e., a noun) has a big mark set down against him.

Then "verbs" are required, and the same procedure follows.

Next, "adjectives;" next, "adverbs," etc., until all are ready to quit.

The "blackmark" pupils should then be made to pay forfeits in order to wipe out their black marks.

Story of the Tumble-bug.

One fine June morning Aunt Betsy and the children started for a walk in the country, and as they sauntered along the road leading from their home to the village, gathering here and there the wild roses and daisies, the children were much amused at the tumble-bugs rolling their balls along the dusty highway.

"Children," said Aunt Betsy, "you little know that in ancient Egypt thousands of years ago this same funny tumble-bug that you find so amusing today was revered as the emblem of immortality and worshiped as a god.

"The history of Egypt is full of reminders of his greatness, for his familiar shape is everywhere among ancient hieroglyphics engraved in the rock or seen on crumbling papyrus. But it is especially in connection with death and the tomb that he is most in evidence.

"The light of the explorer in the dark mortuary passages hewn out of solid rock hundreds of feet under the earth, where lie the mummied remains of an ancient people, discloses the suggestive figure of this beetle engraved upon the walls and

painted in brilliant colors upon the sarcophagus, the mummy case within and finally upon the wrappings of the mummy. What other insect can lay claim to such distinction or has been so immortalized?"

"Oh, how interesting!" exclaimed Marie. "And to think we have seen these funny black beetles year after year, and never knew all this before?"

"But tell us, Aunt Betsy," said Davie, "what are they going to do with this ball which they are busily rolling?"

"Well, they have a purpose and method in their work, as all insects have. This small mass of manure, which by rolling in the dust they have made round and firm, contains an egg, and now Monsieur and Madame Tumble-bug are trying to find a suitable place to bury it. They are very hard to suit in this matter, as you will see, if you watch them any length of time."

"It is certainly comical to see them in their desperate efforts at rolling their precious ball, and they seem so perfectly aimless," said Marie.

"Yes, now just watch the foolish bugs," said Davie; "instead of rolling it down the hill, which would be so much easier, they are trying to push and pull it up the hill."

"How they seem to stand on their heads in their frantic efforts to get it over rough places!" exclaimed Davie.

"Yes, they apparently prefer to bump it along over the clods instead of selecting the smooth path to the right or left," said Aunt Betsy. "They will perhaps play—as it seems to us—with this precious ball for an hour or more before they find a spot that just exactly suits them. If we could understand bug talk, we might know why they are so hard to please in selecting a place to bury their treasure."

"I wish we could see them bury it," said Davie.

"Yes; if we had time we might watch them. But as I have seen them do it, I can tell you all about it," said Aunt Betsy. "Having selected the spot, the beetles first rummage around the ball, as though trying the ground, with the sharp edge of their black, oval-shaped faces. And now Madame Tumble-bug herself does the work of excavating and burying the ball, while Monsieur looks on and approves. This she does by scooping out a circular well with her mole-like digging feet; and the ball gradually sinks with its own weight and an occasional pull, to the depth of several inches. When satisfied with her work, the beetle plows her way to the surface."

"And what of the ball?" asked Marie.

"Oh!" said Aunt Betsy, "the egg within it soon hatches, the larva finding just enough nourishment to carry it to full growth, when it is transformed to a chrysalis, and later to a beetle like its parents. Then, with his powerful front feet, instinct tells him to work his way to the surface, where soon he, with his mate, is keeping the ball rolling just as his parents did before him. And now, here we are at home just in time for luncheon."

"Oh! Aunt Betsy," said Marie, "what a lovely walk we have had; and I know we shall all have more respect for the tumble-bugs since you have told us such interesting things about them."

Jessie Bowles Fisher.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

The life that on His hand depends,
With love its little treasure spends;
It loves, and love's return is given;
Seeking, it leads the way to heaven;
By loss, it gains a strange increase,
And wins, through struggle, deepest peace.

I believe in God, I believe in man, I believe in the power of the spirit, I believe it is a sacred duty to encourage ourselves and others; to hold the tongue from any unhappy word against God's world, because no man has any right to complain of a universe which God made good, and which thousands of men have striven to keep good. I believe we should so act that we may draw nearer the age when no man shall live at his ease while another suffers. These are the articles of my faith, and there is yet another on which all depends—to bear this faith above every tempest which overflows it, and to make it a principle in disaster and through affliction.—Helen Keller.

JUNE.

June falls asleep upon her bier of flowers; In vain are dewdrops sprinkled o'er her, In vain would fond winds fan her back to life, Her hours are numbered on the floral dial.

—Lucy Larcom.

HINTS FOR HOUSEKEEPERS.

A little sugar added to the water used in basting a roast improves its flavor. To keep sandwiches fresh wrap them in a cloth wrung from hot water and keep in a cool place.

A bad egg will stand on the small end when put in a pan of water. A good one will lie flat.

If you would have rice light and each grain

Let Me Prove to You, at My Expense That a CHATHAM Fanning Mill Makes Your Grain Crop Worth More Money

To prove that the Chatham Fanning Mill will get you full value for every sound kernel of grain you raise, we will allow you to use one a month FREE.

Send at once for our little book "How to Make Dollars Out of Wind." We will forward it by return mail, postpaid, and quote you a special price on a Chatham Fanning Mill.

Then—when you are through wondering how we can sell so good a machine for so little money—send us an order for a FREE test.

We will ship you a Mill, all charges prepaid, and you can use it a month on your own farm to see what it will do.

And, if you are not thoroughly convinced that it is exactly as represented, you can send it back at our expense, and the test won't cost you anything.

We have had 25 years experience making Fanning Mills and own two of the largest factories in America.

Our offer is made in good faith and any Commercial Agency or any Bank in Detroit will tell you of our responsibility.

Send at once for our liberal proposition and get a Chatham Fanning Mill to saving for you as quickly as possible.

It will grade all your grain so you can get "first price" for it.

It will take all the chaff, weed-seed and

withered kernels out of your grain. It will take cockle out of wheat, separate oats from wheat or any one kind of grain from all others.

If you own a Chatham Fanning Mill, you can sell seed-grain to other people instead of buying it yourself.

With "A Chatham" you can clean Corn, Rye, Barley, Wheat, Oats, Timothy, Clover, Millet, Flax, Rice, Peas, Beans, Kaffir Corn, Potatoes, Broom Corn, Alfalfa, Grass

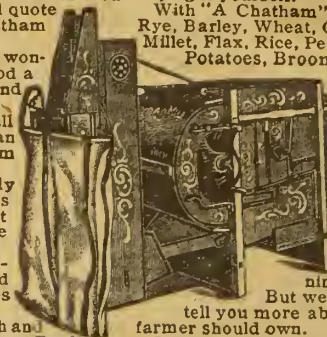
Seed, Cotton Seed, Alsike, Blue Grass, Red Top, Buckwheat, Hungarian, Orchard Grass, Rape, Rye Grass and everything of this kind.

You do not get "mixed crops" nor "sow weeds" if your seed-grain is cleaned with a Chatham Fanning Mill.

But we haven't room here to tell you more about this mill that every farmer should own.

Send for our book at once and get the whole story with our FREE trial offer.

Let us tell you the many different ways a Chatham Fanning Mill puts dollars into your pocket. We ship from one of our nearest branch warehouses. We have one in all leading trade centers in the different states. This gives prompt delivery. Write us today.



The Manson Campbell Co., Ltd.
316 Wesson Avenue
Detroit, Mich

A DURABLE ROOFING

One which perfectly excludes water and wind, which is easy to lay, and lasts longer than others is the kind of roofing you want. Shingles are high priced and getting higher every year. Tin roofs. The best roofing is that made of felt and asphalt—but there is a great difference in how this felt and asphalt is combined. In

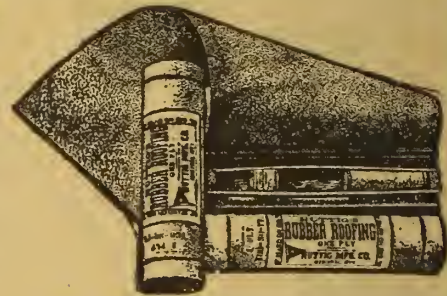
Huttig's Rubber Roofing

The felt is thoroughly saturated with Trinidad asphalt—more thoroughly in fact than any other having 150 per cent saturation as compared to 104 per cent in the best brands of other roofing. This thorough saturation makes Huttig's Rubber Roofing non-absorbing, impervious to frost, and a non-conductor of heat and cold. Keeps buildings warm in winter—cool in summer. Once laid, there is no deterioration or necessity for repairs for years. Anyone can lay it, as nails, caps and cement are packed in each roll. We make this roofing in four grades as to weight, but all of one highest quality.

WE WANT YOU TO KNOW ABOUT OUR ROOFING

You can use it not only for roofing, but also for the sides as well. Don't do any building this year until you investigate this roofing. It's sold by the best lumber dealers everywhere. Don't let your dealer give you something else "just as good." Insist on seeing Huttig's Roofing before you buy. If it isn't sold in your town write us for sample, and we'll see that you get our goods. We'll be glad to tell you about it and its uses. Address,

HUTTIG MFG. COMPANY,
MUSCATINE, IOWA



It comes in rolls with caps, nails and cement inside. This is it.

perfect, it should be washed in several waters, then dropped by handfuls in a "lot" of boiling water, as in cooking vegetables. Let it boil hard for half an hour; drain in colander; sprinkle with salt, and it will be light and fluffy.

Suet may be kept entirely fresh for several days by surrounding it with flour.

Milk can be sterilized at home. Absolutely clean bottles are necessary. Soak them in soda and hot water before using, and scald just before the milk is put into them. The milk should be perfectly fresh. Fill the bottles, cork them tightly with antiseptic cotton, lay them in cold water; heat slowly to the boiling point, boil for an hour and let them cool in the water. Do not uncork until the milk is to be used.

PUREE OF VEGETABLES.

Cut one turnip, a carrot and a potato into thin slices; add to them a few celery tops, a bay leaf, a cupful of chopped tomatoes, if you have it, and two quarts of water in which meat has been boiled. Simmer gently for one hour; press through a very fine sieve; return the mixture to the fire and add one tablespoonful of suet rubbed with two tablespoonfuls of flour; stir until it reaches the boiling point; add a grated onion, a teaspoonful of pepper. Serve with croutons of toasted bread. This will be sufficient for a family of six.

SUMMER FRUITS AND SOME WAYS TO USE THEM.

Strawberry Jam—Pour half a cup of red currant juice over one pound of granulated sugar and allow it to stand for twenty minutes, while you boil over a slow fire one pound of ripe, mashed strawberries, stirring constantly with a slitted wooden spoon. Add the sugar and currant juice, then simmer for half an hour, removing every particle of scum that rises. When cold, seal in tumblers with paraffine.

Cherry Pudding—One-half cupful of butter, a cupful of sugar, two cupfuls of flour, half a cupful of milk, four eggs, one-fourth cupful of milk, scant teaspoonful of baking powder, one cupful of cherries, which have been stoned and sweetened after part of the juice has been drained off. Bake like cake. Serve with any sweet sauce, preferably hard sauce.

Dumplings—Stone some cherries, cover liberally with sugar, and place over them a crust made from a pint of flour, one and

one-half teaspoonfuls of yeast powder, a bit of salt, a small cupful of milk. Steam (tightly covered) about half an hour, and serve with any good sauce.

Pie—Stone the cherries, and bake the same way as an apple pie, with two crusts and plenty of sugar. Canned cherries make nearly as good a pie as the fresh fruit.

Currant Jelly.—Gather the fruit on a dry sunny day, remove the leaves and bits of bark, beat in a granite kettle, and crush to extract the juice. Strain through double cheesecloth, pressing gently. Weigh, and allow granulated sugar pint for pint of juice. Put the sugar in a shallow pan in the oven, and stir occasionally. Cook the juice twenty minutes after it begins to boil, and skim thoroughly. Add the sugar (it should be sizzling hot as it touches the juice), stir until dissolved; when it boils up once test it; if a little dropped from a spoon into a saucer does not separate as it cools, it is done.—Set jelly glasses on a wet folded towel and fill to the brim. The next day set in the sunshine covered with glass, or mosquito netting. When cold protect the top from the air with melted paraffine.

Vinegar from Rhubarb—Crush the stalks, cover well with lukewarm water and leave twenty-four hours. Strain, add a pound and a quarter of brown sugar to each gallon of juice, and half a teaspoonful of lively yeast. Cover and set in a warm place four weeks. Strain again and let ripen.

Dressmaking and Millinery—No. 523.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor the editor of the Home Department.]

When the noise and the smoke of the Fourth of July fireworks have cleared away, and become a thing of the past, the home mother is again ready to take up her routine of duties, and while she may not be ready to consult the latest fashion plates, she is no doubt on the lookout for such patterns as will help her provide for the needs of the children just out of school, for now their garments must be adapted to both work and play. Surely then she will be ready to greet the Rompers pictured in 4318 as a boon, for whether to be worn as a garment alone or to

Buggy Bargain

How You Can Buy a Fine \$75
Top Buggy Direct from
the Maker for \$45

TWO YEAR GUARANTEE

Why should you pay an extra profit on buggies to the dealer or mail order house, when you can save one third to one half by buying direct from the maker?

I make many styles of good vehicles. My line of buggies is complete. Every one that leaves my factory is as good as it can be made by human skill from perfect materials.

I save you 30 to 50% because I sell direct—no Jobbers, Agents, Salesmen, Dealers or middlemen of any kind stand between you and my goods. You get better buggies, a greater variety to select from and the makers' guarantee of complete satisfaction, or your money back.

And you run no risk in dealing with me, either, because my word is good, and the Company, of which I am President, is responsible for all promises I make you. Just look this up in Dun or Bradstreet, or ask any bank or express company here in our home town, where we are best known.

Now, about my special offer of a handsome \$75 Knox Top Buggy for \$45—the cut

gives you a general idea of it. It's a beauty, stylish

in appearance, well made and the biggest buggy bargain you ever saw. Body is 24 x 54 inches, with wide, roomy seat, handsomely painted and tastily upholstered.

The gear is oil tempered. Equipped with long distance, clipped axles. Full plated reaches. Split hickory shaft and wheels. Oval edge tires.

I sell on 30 days free trial, so you can test this buggy in your own way and time. If you don't find it exactly as represented just ship it back and get your money. I take all the chances—you risk nothing.

So, if you want this big buggy value, please order promptly, as I may not be able to advertise it again as low as \$45. Just send me the money and the buggy will go to you at once with the distinct agreement that I will refund the price and pay charges both ways if you are not perfectly satisfied.

My big free Buggy Book is full of money saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today.

R. M. Knox, President.
WESTERN HARNESS & SUPPLY COMPANY,
613 Commercial St., Waterloo, Ia.



be worn as protection to a dainty costume they appeal to mothers of children of the ages for which they are prepared. For the small girl they take the place filled by the Brownie overalls for boys, while at the same time they are just as much of a boy-garment, and are worn by them, with or without the trouser suits beneath. This all-over or one-piece garment may be made of any of the materials of which children's every day



[Child's Rompers, 4318.]

dresses or overalls are made, the choice depending on the use to which the garment is to be put. For girls it is safe to select such fabrics as would be chosen for every day dresses or aprons, for they are to serve a similar purpose. The front of the Rompers is cut in two pieces, the yoke and lower portion being joined, but the back has the waist and the lower portion made separate, a band adjusting them at the waist line. The lower part is divided after the manner of the divided skirt with which we are all familiar, each part being adjusted by means of a little band that confines the fulness below the

knee. Elastic may be used in hems to adjust them instead, and by removing this they are more easily laundered. Put these on the children whether boys or girls, then let them play freely, and don't require them to do that impossible thing—"keep clean." The pattern of the Rompers is 4318, and is cut in sizes for children of 2, 4 and 6 years. One may easily alter the pattern for sizes smaller or larger than those noted. For the tiniest of the wee girls there is a scarcity of new designs, as these are usually considered best dressed in some one of the Hubbard or yoke shapes, but the Empire frock is quite the rage just now and no design is cuter for the small girl than is this. One is pictured in 5392 that is simple and attractive, and although shown made



[5392—Child's Empire Frock. 2 to 6 years.]

very simply one may make it much more elaborately if she wishes. The short waist and the full straight skirt are gathered and joined by means of a narrow band. In this instance the band as well as those of the short sleeves and that about the square yoke are of narrow embroidery insertion. The skirt is simply stitched in several rows, but may have insertion, and if liked an edging of embroidery. Or lace may be used. The pattern is cut in sizes for girls of 2, 4 and 6 years of age. It is easily adapted to the one-year size, and one would not care to make it smaller than this, for even the baby who is being put into first short dresses will very soon be one year old, and would outgrow those cut to her exact age.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

Pleasant Fields of Holy Writ

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON

Third Quarter. Lesson II. Matt. XVIII, 21-35. July 8, 1906.

The Duty of Forgiveness.

It is right for him who asks forgiveness for his offenses to grant it to others.—Horace.

Though with their high wrongs I am struck to the quick,
Yet with my nobler Reason, against my Fury
Do I take part: the rarer action is
In Virtue than in Vengeance.—Shakespeare.

The parable of the king taking account of his servants was a transcript from current history. All the rulers of Palestine were the servants of the emperor. They were likely to be summoned any instant and made to give account of their gubernatorial deeds and revenues. From such a plane Jesus lifts the thought of His disciples to the plane where God is King. It pleases Him to bring His creatures into an accounting with Himself. It is evidently not a last judgment that is pictured, for the unmerciful servant is set loose and given another test. In this parable Jesus portrays a species of preliminary trial which reveals the soul to itself. The effect of this ante-judgment is to reveal to the sinner his insolvency. He is ten thousand talents in debt. These figures simply illustrate the immensity of our liability to God's account. We can not pay a mite out of a talent. In view of his invincible bankruptcy, there is nothing for the sinner to do but to sue for mercy. One of the most consolatory strokes in the parable is this: "The Lord was moved with compassion, and forgave him the debt."

This parable is an expansion, in a popular and attractive form, of the truth stated concretely in answer to Peter's question: "Lord, how oft shall my brother sin against me and I forgive him; till seven times?" The remainder

of the parable shows the incongruousness of the forgiven sinner showing an unforgiving spirit toward his fellow. By the very incredibility of the supposed case Jesus shows that the unfortunate spirit is incompatible with discipleship. The servant who was forgiven a debt of \$15,000,000 finds a fellow-servant who owes him \$15. He does not follow the example of his king. On the contrary he seizes his debtor and demands the last farthing. On hearing of this deed the king is wroth, and cancels his own forgiveness.

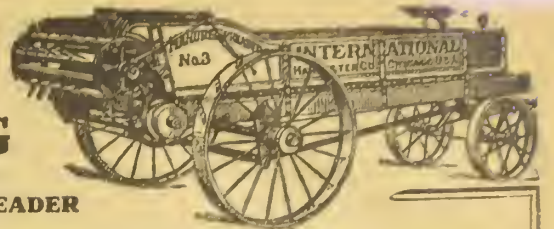
This is Jesus' answer to Peter's question, "How oft shall I forgive?" Peter had made an advance upon the Talmud and rabbis. They taught the duty of forgiveness to the third offense, but after that, allowed anger, resentment, and revenge. Peter more than doubled the rabbinic allowance. He proposes to forgive seven times. Will not the sacred number suffice? But Jesus' laconic and decisive answer is, "Seventy times seven;" that is practically without ceasing. A definite number is put for an indefinite one. In this multiplication of the perfect number by its multiple, Jesus practically says, "Throw away the multiplication-table when you come to the matter of forgiveness."

Analysis and Key.

1. Jesus' use of current events.
For illustration.
Rulers of Palestine summoned to Rome for accounting.
2. Accounting to God.
In this instance not a last judgment.
Preliminary accounting reveals insolvency.

THINGS WORTH KNOWING

If you are going to buy
A MANURE SPREADER



NO machine within his reach is capable of doing so much for the farmer as the modern manure spreader.

But then it must be a machine with features—features of economy and efficiency.

The I. H. C. Manure Spreader has such features.

Any man of experience knows that a spreader only works perfectly when the load is level.

The I. H. C. Spreader is the only spreader with a vibrating rake in front of the beater or cylinder which levels every load and any load of manure.

Any man knows that the apron operates better when power is applied at both sides.

The I. H. C. spreader apron is driven at both sides from both hind wheels.

This saves all torsion, binding, friction and undue strain, and consequently saves breakages and results in lighter draft.

One lever is better than many levers in operating any machine.

The I. H. C. spreader is the only spreader which is controlled and operated entirely with one lever.

It has ten different feeds—can be adjusted

instantly while in motion to spread three to thirty loads per acre.

Large, solid, steel axles front and rear—front wheels cut under—turns very short.

Steel wheels—no rotting or drying out. Broad faced tires with turned in flange to keep out dirt, mud, etc. Lightest and strongest.

Provided with traction lugs on rear wheels—will work perfectly on hard, frozen or wet ground.

Made in various sizes to suit all requirements.

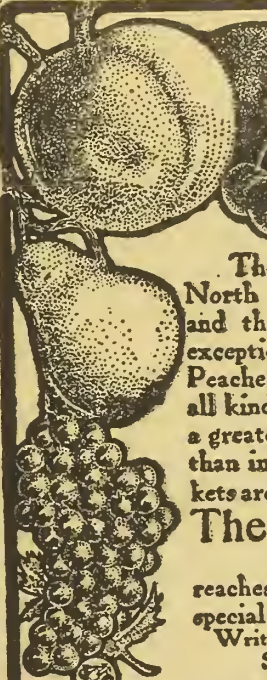
The I. H. C. spreader will distribute perfectly manure of all kinds—wet, dry, mixed, straw, full of stalks, frozen, caked, etc.

It may be equipped with special features known as lime and drill attachments for distributing broadcast, or in drills, fine manure, commercial fertilizers, lime, ashes, salt, cotton seed hulls, land plasters, etc.

Remember what we have told you—it is the manure spreader with special features which all make for success.

Go to the International Local Agent and look it over, get and read the catalogues or write for further information. It will pay.

International Harvester Company of America,
(Incorporated)
Chicago, Illinois, U. S. A.



FRUIT GROWING


The rich irrigated lands of the Arkansas, Grand, North Fork and Uncompahgre Valleys of Colorado, and the Farmington District of New Mexico, offer exceptional opportunities for the fruit grower. Pears, Peaches, Apples, Grapes, Apricots, Plums, Melons of all kinds and small fruit of every variety are raised with a greater average yield per acre—and a finer quality—than in any other section of the United States. Markets are close at hand and the demand exceeds the supply.

The Denver & Rio Grande R. R.

"Scenic Line of the World"

reaches all the above districts and offers special inducements to those seeking locations. Write to-day for free descriptive booklet.

S. K. HOOPER, GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.



3. Divine forgiveness.
- Application to man's forgiveness of fellow.
- Paradox: Forgiven sinner showing unforgiving spirit.
4. No degrees in forgiveness.
- Question "How oft?" not to be raised.
- Peter's advance on rabbis not sufficient.
- 70 times 7. Practically without ceasing.
- Throw away the multiplication table when it comes to forgiveness.

The Teacher's Lantern.

A commercial crisis, personal bereavement, or revival of religion may be God's means of bringing us to account in advance of a last judgment. It may be His way of breaking up the careless security in which we rest.

The great uncertainty of Bible weights and measures is illustrated. On the basis of the Hebrew talent Clarke estimates the amount as £70,000,000 sterling, more than the revenue of the British empire in his day. On the basis of the Attic talent others figure it as low as \$10,000,000. The matter is curious rather than important, however. A vast sum is all that is intended to be indicated.

In view of his debt, its incredible magnitude, and the sinner's invincible bankruptcy, there is nothing left for him but to sue for mercy. The preciousness of the parable is that it teaches one can not appeal in vain.

We are inclined to deprecate this muleting of the once forgiven servant with his whole original debt. Trench asks, "Do sins once forgiven return on the sinner through his after offenses?" He answers his own question well when he says, "The difficulty arises from our

viewing the forgiving of sins in too formal a way."

Olshausen says finally: "This parable explains the ground on which a member of God's kingdom must ever stand ready to grant forgiveness, as only through forgiveness extended toward himself could he have obtained entrance to that kingdom."

SUMMER VACATION IN COLORADO. LOW RATES VIA ROCK ISLAND LINES.

Colorado, as a place for recreation, is the choice of many thousands of summer tourists.

Colorado is a land of clear, pure air and golden sunshine. It is a land of sparkling mountain streams and glassy-surfaced lakes. There are more enjoyable things to do, more grand sights to see in Colorado than any other place under the sun.

From June 1 to September 30 Rock Island Lines will sell summer tourist tickets at rate of \$21.75 from Des Moines, Iowa, to Denver, Colorado Springs or Pueblo and return. Return limit October 31. July 10 to 15, inclusive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.

This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.

Very low rates will also be in effect to Glenwood Springs, Colo., Salt Lake City and Ogden, Utah, Yellowstone National Park and to the Pacific Coast, with cheap rates for side trips to nearby points of interest en route.

New and improved train service via the Rock Island is an important feature for the Colorado traveler to consider.

Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

VERY LOW EXCURSION RATES TO DENVER, COLORADO SPRINGS AND PUEBLO

Via the North-Western Line will be in effect from all stations July 10th to 15th, inclusive, with favorable return limits on account of Grand Lodge B. P. O. E. Two fast trains through to Colorado daily, only one night. For full information apply to agents Chicago & North-Western Ry.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

DANGERS OF JULY.

The month of July is not without its dangers to the flock. It is the time when all parasitic life is most active and sheep are not without a number of species to give them trouble. It is during this month that the work of the twisted stomach worm becomes apparent. It is not at this time that the worms take up their hostage in the stomachs of lambs, but it is at this time the symptoms become apparent, and we are sorry to note that when the symptoms become pronounced it is quite often too late to furnish a remedy. Some lambs are strong enough to overcome the effects of these worms and they go through in apparent safety, and when they arrive at sheephood they are comparatively free from this parasite. Usually it is the early lamb that is equipped with the means of passing through this period in safety.

We have used worm powders as a means of warding off some of the troubles when not too aggravated. These powders contain santolin, a very good worm remedy. Some cases will not yield, however, to its influences, and more vigorous means have to be pursued. Gasoline and benzine have been recommended as a cure, but these are regarded as dangerous, for very often a lamb dies under the effects of these remedies. The latest remedy for stomach worms is creosote, which has given some degree of satisfaction. Other remedies consist of turpentine, and we usually give it in sweet milk. The best way to give any medicine for worms is to let the lamb fast for twelve hours previous to giving the medicine, and in severe cases it is well to follow two more doses in succession one day apart.

Another fly is given credit for caus-

HORSE'S SORE SHOULDERS CURED FREE

FREE SAMPLE SECURITY GALL CURE.

Name your Dealer and this Paper and we will mail you a

Cures sore shoulders, necks or backs while harnessed or idle. SECURITY REMEDY CO. Minneapolis, Minn.

ing greater loss than almost any other insect enemy known to sheep, and yet we may say that a great deal of blame is attached to it that does not belong there at all. We refer to the oestrus ovis or gad fly, which flies about in the heat of the day and deposits its eggs in the nostrils of sheep. These eggs soon hatch and the larvae crawl up and become imbedded in the upper recesses of the nostrils.

This trouble is known by all sheep men as grub in the head. One reason why so much trouble is traced to this parasite is that when a sheep ails and dies, examination is made and usually the grubs are located and the trouble is laid at their door. They may have had little to do with causing the death of the sheep, but they get the credit. The way to prevent this trouble is to provide a dark place in the sheds or dense groves, where sheep may go in the heat of the day when these flies are most active. This fly dislikes darkness. The most active sheep will prevent the fly laying its eggs in their nostrils, and this accounts for the strongest sheep being free from grubs in the head.

If lambs are weaned in this month it will be well to see that the good milkers do not have a spoiled udder.

MUTTON TRADE NOT HURT.

For weeks daily papers have been giving the people a lot of hashed up "stuff," that is calculated to turn the stomach of a culture, about the "awful" condition of the packing houses in the great meat centers of the world, and particularly in Chicago. Now from the very necessity of the situation a slaughter house cannot be kept as cleanly as a parlor in a Fifth Avenue residence. No one expects that. These "penny a liners" would have the reading public to believe that even the most ordinary measures for cleanliness are neglected.

At the present writing this agitation has not hurt the mutton trade, but should it be kept up there will be a tendency to cut out all packing house products, in which case the mutton market would suffer. Many people will consume things that are a hundred times worse and never make a face. They will continue to eat poultry that has been undrawn and pronounce it delicious. Herring, cod, sardines, shrimps and snails are all pronounced luxuries and are eaten with an apparent relish without ever a thought of what they are or where they come from.

We look for the agitation to die down shortly and people will soon forget it and in the meantime they will get back to a meat diet and no meat will take the place of mutton in summer.

MAGGOTS

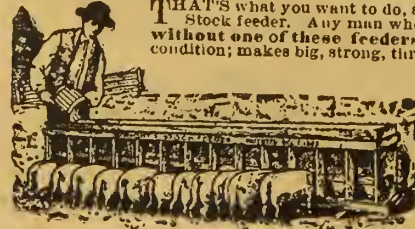
Sheep placed on pasture often become so foul in the vicinity of the tail that flies lay eggs and if not watched closely there will soon be thousands of maggots in that region giving all sorts of trouble. If maggots are present the individual will soon be separated from the rest of the flock with a dejected appearance and will be seen to lie down and immediately get up again and will repeat this many times. The cure consists in washing and making an application of turpentine or kerosene. The wound should be watched closely for two or three days as the maggots are hard to get rid of.

THE WOOL SITUATION.

This is a season of the year when all should be activity in wool circles, but a dullness is apparent that is unexplainable at this time when the stock in manufacturers' hands is known to be low. There is only one reason for this. It is largely due to the fact that buyers do not care to pay the price asked by producers for the clip that is now ready for the market. Woolgrowers of the West realize that the middlemen got about all there was in the business last year and this year they feel that they have a right to ask, and that the traffic will bear better values and they are not backward in making their demands.

The best advice we have say that

Make More Money off Your Hogs



Hog and Sheep Feeder
C. A. WRIGHT,

THAT'S what you want to do, and that's what you can do if you use Wright's Stock feeder. Any man who has a sow and litter of pigs can't afford to be without one of these feeders. It saves feed, and always keeps it in good condition; makes big, strong, thrifty pigs; develops the whole bunch evenly, and will pay for itself in one season. Used for sows, shelled corn, oats, barley, ground feed, etc.

WRIGHT'S STOCK FEEDER is now being ordered by up-to-date hog raisers everywhere. Hundreds using them. They all say they would not think of raising hogs the old way.

Price, \$10—Freight prepaid on all orders for a limited time. A farm right for Hog, Sheep and Chicken Feeder goes with every order for a 10-foot Feeder. My catalog tells all about the hog, sheep and poultry feeder. Send for it, mentioning The Homestead.

Rosendale, Mo.

DELICIOUS AS IT IS GOOD

MEAD'S FLAKED RYE

THE GREATEST OF ALL CEREAL FOODS. No fat or uncertain mixture. A Natural FOOD LAXATIVE. A whole kernel of Rye to each flake. ASK YOUR GROCER FOR IT or write us for our THREE SPECIAL OFFERS. A pound package by mail, post paid, for 25 cents. It will positively cure the most aggravated case of constipation. Write today.

MINNEAPOLIS CEREAL CO., Dept. I-9, MINNEAPOLIS, MINN
CANVASSERS WANTED EVERYWHERE.



SAVE YOUR WHOLE HAY CROP

and put it up in the best possible condition by using our stack covers. A little wet hay spoils the quality of the whole stack. You might just as well have all good hay. Our Stack Covers will do the business. Made of best quality canvases, they afford absolute protection. Quite often they'll save their cost in a single season's use. You can't afford to be without the protection they provide. Write us for sample of goods and prices. Address DES MOINES TENT & AWNING CO., 326 Walnut Street, Des Moines, Iowa

SOUTHWEST

The Land of BIG CROPS and PROSPERITY

Are you making as much off your farm as you ought? No doubt you are making all you can. The trouble is the land costs too much. It takes too much money to buy a big farm, and so you are trying to make a living on a small farm, or perhaps you are renting one and paying a good share of what you raise, in rent. Wouldn't it be better to go where the price of good land is so little that you can own a big farm—where every acre of ground is working for you and all you raise is paying you good profits?

There are thousands of acres of fertile land in the Southwest along the line of the Cotton Belt Route that can be bought for from \$3 to \$10 an acre. This land is increasing in value each year.

See the Southwest at Small Cost

A trip to the Southwest would convince you that your best interests lay in settling there. The trip can be made at very little expense. On the first and third Tuesdays of each month you can purchase a round trip ticket to any point in the Southwest on or via the Cotton Belt Route at very low rates. Stop-overs will be allowed for you to examine any locality you are interested in.



Write at once for free copies of books describing this wonderful country and for full information about cost of tickets, etc.

L. E. SAUPE, T. P. A., Cotton Belt Route, St. Louis, Mo.

stocks are accumulating all over the West simply because buyers and sellers cannot come to terms. Sheep men feel that they can afford to act in an indifferent way, for they know very well that the wool is wanted and most of them are not pinched for cash, and for that reason they are not compelled to sell. In speaking of the wool situation a Boston report says:

"In view of the prices which have been paid for a number of the new clips, either the consumer will be obliged to pay more for wools, if he buys them, or the trade handling them must do business at a loss. The latter, however, are confident of a strong market between now and fall, and realize that the longer the manufacturer keeps out of the market the more wool he will be obliged to buy when he does come in to lay in his raw material, especially in view of the very firm situation maintained abroad, although they do not lose sight of the fact that at the last London auctions the choicest sorts for which the United States paid extreme figures in March (generally 16 to 17d) have lacked full support and that consequently medium grades (46s and 44s) often showed 1/2 to 1d decline. The fine qualities were in good demand, and ruled firm at the March rates. With

this exception, average wools found a strong market and the majority of cross-breeds suitable for spinners and top-makers sold at an advance of 5 to 10 per cent."

NEW HOMES IN THE WEST—SHOSHONE RESERVATION TO BE OPENED TO SETTLEMENT.

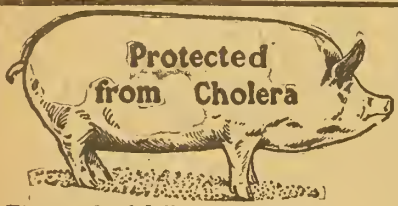
Chicago & Northwestern Railway announces round trip excursion rates from all points July 12th to 29th. Less than one fare for the round trip to Shoshoni, Wyoming, the reservation border.

The only all rail route to the reservation border. Dates of registration July 16th to 31st at Shoshoni and Lander. Reached only by the Chicago & Northwestern Railway.

Write for pamphlets, telling how to take up one of these attractive homesteads. Information, maps and pamphlets free on request to S. F. Miller, Assistant General Freight and Passenger Agent, C. & N. W. Ry., Omaha, Neb.

\$4.50 TO ST. PAUL AND MINNEAPOLIS.

The Chicago Great Western Railway will have a popular excursion from Des Moines to St. Paul and Minneapolis and return, leaving Des Moines at 9:30 p. m., July 25th, by special train at rate of \$4.50 for the round trip. Sleeping car berth rate \$1.00 and seats reserved in Special Coaches for ladies and gentlemen without additional charge. Tickets good to return on all regular trains leaving the Twin Cities Sunday and Monday following. For full information call on E. J. Sawyer, C. T. A., C. G. W. Ry., 514 Walnut St., Des Moines, Iowa.



Thousands of dollars are saved annually to breeders of swine by the timely use of

Chloro-Naphtholeum Dip

The most successful hog men use Chloro-Naphtholeum Dip not only as a cure, but as a means of insuring the health of their animals. Chloro-Naphtholeum Dip prevents and cures hog cholera, kills lice, disinfects the pens and keeps them in a sanitary condition. As an internal remedy it kills worms.

ONE GALLON FREE Send your name and address. I will ship you, charges prepaid, one full gallon, sufficient to make 100 gallons when diluted. Try it thirty days. If it does what I say, send me \$1.50. If it fails, notify me and I will tell you where to ship what is left. You risk nothing. E. TAUSIG, President

West Disinfecting Co., 21 E. 59th St., New York

Milk Oil Dip

For Cattle, Sheep, Hogs.

Oldest American Dip. Cheapest, most effective, strongest obtainable. 1 gal. can \$1.00. 5 gal. Barrel \$4.00. Catalog Stockmen's Supplies Free. F. S. BURCH & CO., 177 Illinois Street, CHICAGO.



1,500 HIGH GRADE ANGORA

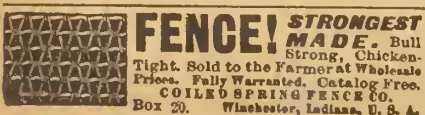
WETHERS. These goats can be used for brushing and then fed and sold for mutton. A few American milk goats. A few bucks. Come and see me or write. Address.

WYATT CARR, Collins, Iowa. Farm 1/2 mile from depot. Telephone 44.

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Nock, Minton, Cooper, Williams and Buttar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KELLERTON, IOWA



FENCE! STRONGEST MADE.

Tight. Sold to the Farmer at Wholesale Prices. Fully Warranted. Catalog Free. COLDSPRING FENCE CO. Box 20. Winchester, Indiana, U. S. A.

....LANDS AND HOMES FOR SALE....

FREE HOMESTEADS AND CHEAP LANDS IN COLORADO

WE can locate you on a homestead joining land that we are selling daily at \$5 to \$12 per acre. Some well improved farms in same sections. Wheat, 30 to 45 bushels per acre. Alfalfa and other good crops. No dry weather. We locate you for \$100, pay all your expenses, including filing fee, railroad and livery bill, and sell you lands adjoining your homestead at bed rock prices. Go with us next Tuesday. We give especially low rate on that date. For further information address or call on Charles Scharff or A. J. McCall, 432 Good Block, Des Moines, Iowa.

FARM BARGAINS.

160 IMPROVED, 60 miles south Kansas City. This is to settle an estate. It's worth \$50, must be sold by August 10th.
160 20 miles north of Iowa; land in Minnesota, \$22.50.
6 QUARTERS in Sully county, S. Dak., \$10. Write about these; they will make you money.
WESTERN FARM LAND & REALTY CO.
908 N. Y. Life Bldg., Kansas City, Mo.

ATTENTION Homeseekers

FOR choice NORTH DAKOTA FARM LANDS. In Surtman, Morton, Mercer, Kidder and Billings Counties, and for accurate information, write to the

KELLOGG-KLEIN LAND & LOAN CO.
Successors to Frank L. Kellogg,
CLEVELAND, NORTH DAKOTA.

IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1906 descriptive list. Address, J. G. SHILVER, Winterset, Iowa.

FOR SALE OR EXCHANGE

GOOD farm of 300 acres in Clayton county, only 2 miles from railroad town, good brick house, three barns and other improvements. One-half in cultivation, good timber pasture. A fine grain and stock place. City property, live stock or merchandise will be taken in exchange. Box 81, Independence, Ia.

500 VIRGINIA FARMS FOR SALE.

WRITE for our new catalog. All property shown free. Northern farmers wanted.
PERCIVAL BROS.,
Land Brokers, Petersburg, Va.

DRAKE UNIVERSITY.

There is no university in the West that has made the rapid advancement that Drake University, at Des Moines, Iowa, has in the last five years. During the year just closed, which was the largest in the history of the school, a number of fine new buildings were added to those already adorning the campus, greatly facilitating the work which the big increase in attendance will necessitate next year. On page 1 of this issue is given a very fine picture of the main administration building which stands in the center of the campus. The different courses of study at Drake are most thorough in every respect and it is the aim of the school to give every young man and woman entering its doors the best education that can be secured anywhere. There could be no better location for such a large school than Des Moines, the largest city in the best state in the Union, where there are many advantages not to be had in other school towns. The cost for an education at Drake is very moderate considering the excellent course of training and the fine accommodations one has. Our readers in looking over the advertisement on page 2 will note the many different colleges and schools connected with the university, so that the student has an exceptionally fine chance to select that which he most desires. The large enrollment of 1,634 students last year attests the great popularity of the school. The one hundred or more instructors are leaders in their different lines of teaching, so that the student gets the best the class room affords. Write today for free catalog giving every particular about the course of study, cost of living and all details connected with college life. Kindly mention this paper when writing.

ROUND TRIP SUMMER RATES VIA RAIL AND BOAT LINES.

The Minneapolis & St. Louis Railroad will sell excursion tickets via rail lines to points in Minnesota, North Dakota, Manitoba, Montana, Oregon, Washington and California. Also, via Great Lakes route to eastern points. On sale daily with return limit October 31st, or until navigation closes. For further information call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

\$8.50 TO ST. PAUL AND RETURN, FROM DES MOINES.

Via the Minneapolis & St. Louis R. R. Correspondingly low rates from intermediate points. Tickets on sale July 24th, 25th and 26th; return limit July 30th. Limit will be extended to August 15th on payment of fee of fifty cents. For further information please call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.



A HOME AT A BARGAIN

J. W. Everman & Company have contracted for forty thousand acres of land which will be sold as colony stock. This land has railroad and switch through it. Thirty miles from thriving town. Three hundred acres to be cut up in town lots; the remainder of tract will be sold in eight acre lots. Terms for the sum of six hundred dollars each. Terms for application is ten dollars. The company will furnish excursion rates for prospective buyers to visit land. After seeing land and deciding to buy, pay fifty dollars down, two hundred and fifty the day the deed is made. Said Company will carry a loan of three hundred dollars on said land for ten years at five per cent interest, if desired. No fraud or swindle; if interested send ten dollars for application and further particulars. References, FARMERS' EXCHANGE BANK, GALLATIN, MO., or any other bank in county.

J. W. EVERMAN & COMPANY,
GALLATIN, - - - MISSOURI.

J. W. Everman & Co., Gallatin, Mo.

Dear Sirs:—Enclosed find a draft for forty dollars, which is my application for four. These are for my children. I have been on the plantation your company has bought, and think it a good investment. If you will allow me to take more than one apiece, I would be glad to take more.

Yours truly,

Galva, Ill., June 25, 1906.

J. E. Hale.



WE BUILD YOU A HOUSE FREE OF CHARGE

and sell you fertile land at a low price and on easy terms, within 25 miles of St. Paul and Minneapolis. This is the greatest proposition ever made to readers of this paper. You have your choice of 40 acres or more out of two million acres of the splendid lands of Northwestern Wisconsin. The price is only \$7. to \$12. an acre, and to give you a good start we will build your house on the land. The finest climate in the world, pure soft water, ample rainfall, fuel for years on your own land, near to the finest markets. This with a FREE HOUSE and land that will grow the FINEST KIND OF CROPS. What more can you ask? Write TO-DAY for MAPS and FULL INFORMATION.

AMERICAN COLONIZATION CO.,
Cumberland, Wisconsin

WE GIVE YOU TEN YEARS TIME

in which to pay for
Farm and Ranch Land in Kansas, Nebraska and Colorado

All you need to make the land pay for itself and also make you and your family independent for life. Low Prices. Write for full information. FREE.
B. A. McALLISTER, Land Commissioner,
Department E, U. P. R. R., Omaha, Nebraska



FARM LANDS

THE Best and Cheapest on the market in Yellow Medicine Co., Minn., and Deuel Co., S. Dak., in the fourth tier of counties north of Ia. You can raise anything in these parts that you can raise in northern Iowa. A good corn and stock country. These lands lie well, good black soil; failures unknown in these parts. Lands for one-half the price that you can buy Iowa lands for. Improved farms from \$30 to \$40 per acre, wild lands from \$20 to \$30. Why go to N. Dak. and Canada and pay practically the same for those lands that you would pay us? For full particulars write

George W. Johnson Land Co.,
Office: State Bank,
GARY, SOUTH DAKOTA

Eastern Kansas

I HAVE for sale at owners' prices over 300 choice improved farms of all sizes in Lyon and Coffey counties, located in the heart of the best part of

NEOSHO RIVER VALLEY
All smooth, level land, no hills, stone, sand or hardpan; best black soil with clay subsoil. No hot winds; plenty of timber, fine water, tame grasses and fruit of all kinds. Long farming season and short, mild winters. Splendid school and social advantages. A live, up-to-date business town with two long distance and local telephone systems, 5 rural mail routes; large, new grain elevator; best shipping facilities; 100 miles to Kansas City market. Prices cheaper and selection better than near county seats and larger towns. Write for new illustrated descriptive circular. Mention The Homestead when writing.

ED. F. MILNER, Hartford, Kansas

Investors, Farmers, Stockmen.
Colorado Lands—Real Bargains.

FOR example: Five sections, Deer Trail, Colorado, \$3.25 per acre, very easy terms. Living water, fine soil, proposed ditch. We wholesale and retail. Write us.

W. F. SHELTON LAND AGENCY,
215 Sheldley Bldg., Kansas City, Missouri.

DO YOU WANT THIS?

2880 ACRES alfalfa, wheat or stock ranch Finney Co., Kan. \$3,000 actual improvements on the land. 1500 acres finest shallow water alfalfa soil. 175 acres in crop. \$12 per acre.
W. H. Stanley, Garden City, Kan.

FOR SALE.

20,000 ACRES of desirable Prairie and Timber Land in any size tracts, \$8.00 to \$15.00 per acre. **LEWIS HOGUE, Weiner, Ark.**

Information on Gov't irrigated land, live stock ranches, etc. **Wilber White, Klamath Falls, Ore**

IOWA FARMS

FOR SALE AND EXCHANGE

SEND for our new list of Iowa Farms. It gives full description of all farms, with pictures of improvements. Prices from \$60 to \$85 an acre, terms liberal. Fine home places, good investment properties. Level land, rich soil. Also have some good farms in Illinois, Missouri, Kansas, Nebraska, Dakota, Minnesota and Wisconsin. Write for list today.

NORTHERN IOWA LAND CO.,
INDEPENDENCE, IOWA.

DON'T GO WRONG

and its crops, before you decide—then you'll buy here. Write to

E. E. McCALL, - - WINTerset, IOWA.

A WORD TO THE PRACTICAL FARMER
WHAT is the use of keeping such high rent and so much interest in a northern state when you can buy land so cheap in KANSAS? Short winters, long summers and lands that produce.
M. A. Nonken Land Agency, Peabody, Kan.

WRITE TO
J. E. ROMER, EMPORIA, KANSAS.
FOR nice wheat land in Kansas and Texas. Price from \$4 to \$8 per acre. Raised from 20 to 30 bushels per acre.

3,000 KANSAS FARMS
RANCHES, merchandise, hardware, etc., for sale by trade. Largest list in the state.
DUNLAP LAND CO., Abilene, Kansas.

ROOKS COUNTY, KAN.,
WHERE wheat, corn and alfalfa grow to perfection. Improved farms \$15.00 to \$35.00 per acre. For lists, Co. map, add., C. H. Devey, Stockton, Kan.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free.
BAZEL J. MEEK, Chillicothe, Missouri.

FARMS In western Kansas at owners' prices.
Dodge City Realty Co., Dodge City, Kan.

SOUTH DAKOTA LAND FOR SALE:
NW 1/4 5-99-68 Charles Mix county; SE 1/4 24-102-66 Aurora county.
C. B. Davis, Owner, Eldon, Iowa.

ROUTT COUNTY, IRRIGATED COLORADO, RANCHES. B. L. Dart, Yampa, Col.

We Will Take In Registered Stock

As part payment for some of our first class improved

North Dakota LAND

The best in America. Send for our illustrated land book. Write us what kind of stock you have and how you wish to deal.

J. B. STREETER, JR., COMPANY,
BANKERS, North Dakota
Capital and Surplus, \$250,000. Responsible Agents wanted everywhere.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
415 KANSAS AVENUE, TOPEKA, KAN.

FREE.

A Vest-Pocket Indexed Township Map of the STATE OF WISCONSIN, and also information about the Selected Hardwood Timber Lands, Drained Marsh Lands, and other varieties of land owned by me. Write me if you wish to find a new home in a good farming community. We have good climate, good water, good schools, good roads and good crops. Prices and terms reasonable. Address,
WM. J. STARR 23 Ingram Bk., Eau Claire Wis.

Oklahoma and Indian Territory.

BOTTOM lands. The best in the West for growing alfalfa. We have a few first class bottom farms that we can sell cheap and have put in alfalfa. It will double their value. Write for particulars.
A. J. Waldock & Co., Oklahoma City, O. T.

KING AND QUEEN COUNTRY.
CORN is King and Wheat is Queen in northeast Kansas. Bluegrass sits in the shade of fine tall timber and judges herds of fine stock and with alfalfa, clover and timothy execute the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want.
S. M. Strawn, Valley Falls, Jefferson Co., Kan.

For Exchange.
\$8,000 STOCK of clothing; the only one in a town of 1,000 inhabitants; annual sales, \$18,000. Good clean stock. Will discount 12 per cent. For 100 or 200 acres Northwestern Iowa land.
L. S. GRAY, WEST BEND, IOWA.

Central Missouri Farms

IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address,
W. Ed. Jameson, Fulton, Mo.

JOIN MY ARKANSAS COLONY

AND get a good home where land is cheap and the climate fine. Write me your wants by return mail.
F. H. PETTS, - - WARSAW, MO.

LOOKING FOR LAND?
LANDS in the great Solomon Valley. Crops are corn, wheat, alfalfa. Prices low considering quality. Write for list and map.
DOWNES REALTY CO., - - DOWNS, KANSAS.

BECKTELL THE LAND MAN
OF Macksville, Stafford Co., Kan., sells wheat land to the west line of the state. Write him. State map free.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Aug. 8, J. D. Nidlinger, Decatur, Ind.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Sken, South Auburn, Neb.
 Sept. 26, Peek & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Osborn, Westou, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, W. A. Foster, Greenfield, Iowa.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. Finch, Mt. Airy, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 15, A. J. Epley, Wabash, Ind.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Ilurbutt & Rasmussen, Owanece, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Weber, Portsmouth, Iowa.
 Oct. 22, M. W. Greer, Rushville, Ill.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, Manlove Bros. & Griffiths at Bowen, Ill.
 Oct. 27, Cutler, Reil & Cooper at Carthage, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 30, McNeil Bros., Boweu, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. C. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manila, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claud Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, W. J. Hartung, Maxwell, Iowa, Bred Sow Sale.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, Harry Riggan and C. T. Rogers, at Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, Dewey & White, Shannon City, Iowa.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, W. R. Bennethum, Madrid, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 29, Albert McMahon, Craig, Neb.

POLAND CHINAS.

Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 1, John Blain, Pawnee City, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.

HEREFORDS.

Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolekow, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

July 18, H. B. Loudon, Clay Center, Neb.
 Aug. 15, H. C. Duncan, Osborn, Mo.
 Aug. 16, Flynn Farm Co., Des Moines, Iowa.
 Aug. 17, Wm. Smiley, Malcom, Iowa.
 Aug. 21, W. R. Jones and D. H. Geimen, Rushville, Ill.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Mt. Airy, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. Jones, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 12, Closing out sale, J. E. Parkhurst, Clearfield, Iowa.
 Oct. 15, A. J. Graves & Son, Ames, Iowa.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 23, T. A. Davenport, Belmond, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Dec. 20, J. C. Hardman, Brayton, Iowa.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

POLLED DURHAMS.

Oct. 5, Combination Sale, L. G. Sbaver, Kalona, Iowa, Mgr., at Omaha, Neb.

ABERDEEN ANGUS.

Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, Steward, Mt. Zion, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.

SHORT-HORNS AND POLAND CHINAS.

Oct. 27, Geo. Manville, Fauccett, Mo.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.

Oct. 22, L. C. Reese, Prescott, Iowa.

POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.

Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.

O. I. C. HOGS.

Nov. 2, O. L. Kerr, Independence, Mo.

SHROPSHIRE SHEEP.

Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

STANDARD BRED AND DRAFT HORSES.

Oct. 29, McNeil Bros., Bowen, Ill.

SHORT-HORN CATTLE AND TROTTING-BRED HORSES.

Aug. 8, Geo. L. Belcher, Carrollton, Mo.

FIELD NOTES.

Hereford bulls are offered for sale by Mr. B. F. Clark, of Albia, Iowa.

Improved large Yorkshires are offered for sale by Mr. F. Rabeller, Leigh, Neb.

Messrs. Ruebel Bros., of Rockwell City, Iowa, are offering a few good Short-horn bulls for sale.

Mr. Delmar McCann, of Kennard, Neb., offers ten or twelve good Short-horn cows at private sale.

Anyone wanting a good Tamworth boar should write Messrs. Norrish & Bevington, Kingsley, Iowa.

Anyone wanting the services of a good live stock auctioneer should correspond with Mr. James P. Spearman, Papillion, Neb.

Mr. W. B. Seeley, of Mt. Pleasant, Iowa, names October 24th as a date on which to hold a public sale of Aberdeen Angus cattle.

A few choice Duroc Jersey sows bred to the Nebraska State Fair prize-winning boar, Junior Jim, are offered for sale by Mr. Austin Reushaw, Blair, Neb.

Mr. J. E. Corwin, steward of the Van Buren County Farm, Mt. Zion, Iowa, claims the date of November 15th as that on which to hold a public sale of Aberdeen Angus cattle.

Some good young Hereford holls and cows and heifers are offered for sale by Mr. J. G. Von Seggern, Wisner, Neb. Write him at once. You will find he is reasonable in his prices.

Messrs. C. W. Daws & Son, of Harlan, Iowa, have about seventy Poland China spring pigs on hand. They have a couple of good fall boars for sale, and they are pricing them right.

Choice imported Shropshire rams from such noted flocks as Minton, Cooper, Williams and Buttar, can be bought of Messrs. Chandler Bros., Kellerton, Iowa. They also have a grand lot of home-bred rams of the low-down, blocky type. If you would have the best, you will have to order of Messrs.

Chandler, and the sooner you send your order the better chance you will have of getting one of the tops.

Three richly-bred Scotch bulls are offered for sale by Messrs. Claus Johnson & Sons, Rolfe, Iowa. One of these is a richly-bred Missie and another is out of Imp. Marchioness. They are cheap, quality and breeding considered.

The announcement of Mr. Jno. J. Schmal, of Sutton, Neb., breeder of Poland China swine, will be found on page 22 of this issue. Mr. Schmal has a choice lot of spring boars for sale. For the breeding of his stock read the advertisement.

Mr. A. L. Mossman, of Radcliffe, Iowa, proprietor of the Prairie Glenn herd of Durocs, claims January 29th for his brood sow sale. Mr. Mossman is one of the leading Duroc breeders in Iowa, and we know that the stuff he puts up at his sale will not only do credit to him, but do good for their purchasers.

We desire at this time to refer again to the advertisement of Mr. August Post, of Moulton, Iowa. Mr. Post is selling binder twine direct from the factory to the farm at a lower price than most dealers are obliged to pay. He wants farmers as agents. Look up his advertisement on page 5 and write him for full particulars.

Mr. Smith Brown, Waterloo, Neb., one of the old reliable Duroc Jersey breeders in the state, has 125 spring pigs, sired by Echo King, Red Chief I Am, and Crimson Wonder 2d, and he has some good ones. If any of our readers want a hoar they should write to Mr. Brown at once. He always has something good to offer.

With this issue begins the Duroc Jersey advertisement of Messrs. J. W. Reynolds & Son, of Defiance, Iowa, and they will be glad to hear from anyone who wants a good Duroc Jersey boar. They have the leading strains in their herd and they can furnish breeding stock at very reasonable prices. If you want a young boar write them at once. They will treat you right.

Write Mr. J. S. Teal, Lamoni, Iowa, if you want a Duroc Jersey pig sired by such noted boars as Ben Davis, the Iowa State Fair prize winner; Proud Advance, the noted winner and sire of winners; Ohio Chief, the World's Fair boar, and American Royal, the undefeated sweepstakes hoar. Write Mr. Teal at once if you want a boar by any of the above sires.

Mr. A. L. Stutzman, of New Sharon, Iowa, breeder of Short-horn cattle, announces that he now has for sale ten Short-horn bulls ranging in age from eight to fifteen months. They are Scotch and Scotch-topped. He also has twenty females consisting of good, useful cows and heifers. He invites an inspection of his herd, and states that prices will be reasonable on one or in car load lots.

Messrs. Arch Brown & Sons, of Waterloo, Neb., have a most excellent bunch of Duroc Jersey pigs this season sired by old Echo King and Royal Top Notcher. They are going to put up a good offering in their fall sale, among which will be a number of good gilts and brood sows, bred to the well-known Sure Winner. Don't forget Brown & Sons when you want a good Duroc Jersey pig.

Forty cracking good fall Poland China boars are offered for sale by Mr. Chas. M. Hulbert, Oakland, Neb. These are sired by Chief Enterprise and Oakland's Prospect, two of the best-known boars in Nebraska. If you would have a good one you must of necessity buy of Mr. Hulbert because he has the reputation of having as good as there is. Write him today and tell him just what you want and get his prices.

Messrs. Bridgford & Nesbit, of Aledo, Ill., the well-known breeders of Poland China swine, have had very good luck with their spring pigs. They have about twenty-five pigs sired by their well-known herd boar, Faultless Perfection Jr., and seventy-five pigs by the boar which was purchased at the Illinois State Fair last year, Young Delight. They are in a position to furnish new blood to their old customers and good large-boned, smooth pigs to any reader of this paper at reasonable prices. Write them as above, kindly mentioning this paper. The announcement will appear in a short time in these columns.

Mr. Jack Westrope, of Harlan, Iowa, secured at the Teho Lawn dispersion sale Sweet Violet 3d, a daughter of the noted show cow, Sweet Violet 2d, that sold for \$3,705 at his father's dispersion sale several years ago. She was one of the best cows in the offering and shows a marked resemblance to her illustrious mother. She had a Choice Goods heifer calf at foot and she cost Mr. Westrope \$605. Mr. Westrope has a number of good bulls on hand, several of which are straight Scotch, of the Princess Royal and other well-known families. He is pricing these at such figures that any one can afford to buy. Write him if you want a young bull.

Mr. Thomas H. Canfield, of Lake Park, Minn., breeder of large Yorkshire hogs, writes: "We have made the following sales of sixty-nine large Yorkshires since our last report, April 12th, and the demand is better than ever before at this season of the year: In Minnesota: Messrs. E. Ohy, Monticello; M. L. Thompson, Wells; Nick Bertrand, Iona Lake; Gust Peterson, Willmar; Dr. R. T. Gilmore, Bemidji; George Wiertz, Paynesville; Geo. Kirk, Bemidji; L. O. Larson, Minneapolis; W. J. Petrie, Janesville; Frank Gruszka, Ivanhoe, and Carlos Billings, Audubon. In North Dakota: J. Hildremyr, Petersburg; M. H. Gilroy, Kathryu; C. B. Kidder, Wahpeton; A. A. Booth, Rogers, and Henry Simon, Valley City. In South Dakota: M. Lupient, Warner; S. Frankhauser, Gettysburg; Erick Loe, Irene, and Jos. Knadle, Vienna. In Nebraska: Clarence Weaver, Tekamah; H. McClanahan, Clay Center; Rome Miller, Norfolk; W. R. Thomas, Newcastle, and T. L. Trowbridge, Blue Hill. In Iowa: Mr. W. A. Peters, Volga City, and Mrs. Henry Davis, Britt. In Illinois: Messrs. C. H. Carr, Ringwood, Experiment Station, Urbana. In New York: Messrs. Quentin McAdam, Utica, and A. S. Crumh, De Ruyter. In Wisconsin: Mr. George W. Dawson, Beloit. In West Virginia: Mr. Jacob Geiger, Jr., South Parkersburg. In Wyoming: Mr. S. J. Evans, Dietz. In Tennessee: Mr. A. C. Welch, Hartsville. In Washington: S. T.

Horse Owners! Use

GOMBAULT'S

Caustic Balsam

A Safe, Speedy, and Positive Cure

The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE-WILLIAMS CO., Cleveland, O.

Warren, Farmington. In Missouri: E. C. Dameron, Clarksville. In Maryland: Cedar Farm Co., Rising Sun. In Montana: Mr. George E. Bolster, Plentywood." See advertisement on page 22.

Mr. H. G. Warren, of Inland, Neb., breeds the useful type of Duroc Jersey swine. At the present time he is making a good price on spring boars of the large, roomy kind. His herd represents the blood of Improver 2d, Higgins' Model, Jumbo Perfection, and other sires of note. His advertisement appears on page 23.

The breeder looking for good Poland China swine can find a herd of seventy-five spring pigs to make his selection from at Mr. H. S. Chapman's Walnut Grove herd at Pawnee City, Neb. They are large, growthy pigs, royally bred, with good bone, neat head and ears. For a list of their sires see the advertisement that appears on page 22 of this issue.

In his advertisement found on page 22 of this issue, Mr. J. R. Triggs, of Dawson, Neb., reports that his this season's crop of Poland China pigs are very fine. They are of the large, roomy kind. The boar at the head of the herd is Major M, by Blain's Tecumseh, a 900-pound animal, that breeds his type. Mr. Triggs announces that he will have some extra good boars for sale.

Mr. A. J. Podendorf, of Logan, Iowa, writes: "Just say to Homestead readers that I will make a draft Poland China sale at Council Bluffs, Iowa, on October 12th, at which time I think I will put up the best offering that has ever been sold from my herd. I have about seventy-five spring pigs and twenty head of fall stuff to select from, and I may put in a few matured sows. The pigs are largely the get of my noted hoar, Iowa Sunshine, and for finish, size and quality they cannot be beaten this season. Breeders who are wanting the good stuff should remember my sale at Council Bluffs, Iowa, on October 12th."

Mr. Albert Bell, Lake City, Iowa, has 110 Duroc Jersey spring pigs on hand, and as he is one of the extra good feeders the boys may expect some good things for the fall trade. Mr. Bell owns Leather Stockings II., the boar that got third at Des Moines last fall. He is a son of Allen's old sweepstakes sow, Nellie A., and he is a hog of extra length and good bone, and is siring a lot of good pigs. He has a lot of good brood sows in his herd largely of the Higgins' Model, Orion, Improver II. strains, and he has an extra good Chicago Lad sow. Mr. Bell will be in position to furnish boars to the trade this fall, and he will be pleased to book orders at any time.

Mr. J. M. Morrison, of College View, Neb., is making some very good prices on Duroc Jersey fall boars. Every breeder and reader of The Homestead is, or should be, acquainted with Mr. Morrison's herd. He has pigs sired by the great Ohio Chief, a one-third interest in which was sold by this firm for \$2,000. One of the greatest collections of sows to be found in the world will be found in the Morrison herd. He has prize winners galore. Those in need of good stock should send their orders in early and secure some of the royal blood of the breed. Look up Mr. Morrison's advertisement on page 23 of this issue, and note the breeding of the herd. Please mention this paper when writing, and watch its columns for future announcements.

Beginning with this week's issue will be found the Duroc Jersey advertisement of W. A. Staples & Sons, of Glidden, Iowa. This well-known firm have been forced right up to the front of the Duroc Jersey procession, largely through their purchases last winter of many of the best sows offered at public sale. As a result of this they not only have the best crop of pigs, but also the best bunch of brood sows they have ever had on their farm. They have 125 spring pigs, and these are sired by Orion, Junior Jim, Critic's Echo, Proud Advance Again and O'Pig, the latter being a son of old Orion. Nancy VIII, the sow they paid \$605 for at the Manley sale, is raising three boars and three sows by old Orion, and they are good ones. One boar in this litter is an especially good one and they are going to name him "Clear the Way." The rest of the litter are right up and coming and are going to make something very desirable for the boys to go after. Another grand good sow in this herd is Willmette, a daughter of Indicator, and she has five splendid pigs by O'Pig. Here is a sow that has a right to go anywhere and barring a little heaviness in ear, should be considered one of the best sows in the state. Acme's Nancy, a Russell-bred sow, has a good litter by Critic's Echo, while Queen of Blair, a daughter of Golden Perfection, has a litter by Junior Jim. Beatrice, a daughter of the great Kruger's Maid, and one of the Pete Alsin show litter, has a nice bunch of pigs by Advance Dandelion. They have four of those good "Nancy" sows in the herd, and they prize them very highly, as they are among the very best breeders. The above firm will make a boar sale on November 3th and a sow sale on February 25th. They have 125 pigs and out of this number it will not be a hard proposition to secure a herd header. If any of our readers want anything in the Duroc Jersey line they will find the firm of W. A. Staples & Sons a reliable one to purchase from and they are

PILES

FISTULA--NO MONEY TILL CURED

MR. JOHN A. ELLIS, CLARINDA, IOWA, WRITES: "I suffered for seventeen years with bleeding and protruding Piles, Hemorrhoids and Contracture. I took your treatment a year ago; it was very mild and the charges quite reasonable; you did not accept one cent of money until I was cured, and I was to be the judge."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....

Town..... State.....

going to have the goods to offer the boys this year.

Mr. H. C. Duncan, of Osborn, Mo., names August 15th as a date to hold a public sale of Short-horn cattle at Maple Hill Farm near that city.

Some very promising male and female Duroc Jersey pigs sired by choice boars are offered for sale on page 23 of this issue by Mr. G. Van Patten, of Sutton, Neb.

The Fisher Live Stock Co., of Hastings, Neb., are making living prices on the class of Obester Whites they are raising. This is one of the old established herds of this state. Spring pigs are doing fine and have made a good growth. They also have some good sows and gilts that will be priced worth the money.

Messrs. I. Barr & Son, of Davenport, Iowa, write: "Our herd of Short-horn cattle, which numbers over 300 head, is doing well. We still have on hand a few choice bulls of rare Scotch breeding, sired by our imported Princess Royal bull, Prince Oederic, and Royal Bud. They are of show yard type and select herd headers." See advertisement on page 24.

Messrs. W. J. East & Son, of Clay Center, Neb., make the announcement in their advertisement on page 23 that they purchased the highest priced Duroc Jersey sow ever sold in Kansas, and that they have now a litter of pigs out of her. They also have other litters by Bezdek, the first prize boar at the Nebraska State Fair, also third prize winner at St. Louis.

Three hundred choicely improved farms, located in Lyon and Coffey counties in the heart of the best part of the Neosho river valley, Kansas, are offered for sale by Mr. Ed. F. Milner, of Hartford, Kan., in his advertisement appearing on page 15 of this issue. To any reader of this paper who contemplates buying an eastern Kansas farm, we would make the suggestion that they read the advertisement thoroughly from which valuable information can be obtained, and write Mr. Milner for his new illustrated descriptive circular.

With this issue begins the advertisement of Dr. H. Pritchard, of Wisner, Neb., one of the best Poland China breeders in the West. Just now he is offering some extra good fall boars sired by Perfection Keep On, and they are good ones. The Doctor owns Big Tom 2d, the largest boar in eastern Nebraska, and he will weigh close to 1,000 pounds. Dr. Pritchard has one of the good herds and he can be depended upon to furnish a pig true to description. Write him for prices and descriptions. He has some good boars and now is the time to get the best. See advertisement on page 22.

Readers of this paper who want large Yorkshires should order at once of Mr. F. Rabaler, Leigh, Neb. He has one of the best herds in America and can sell you a foundation for a herd, with a boar not akin. The Rabaler herd is made up of the best imported stock from Canada and England. Buy a foundation for a herd of one of the most prolific hacon breeds known. The Yorkshires are coming right to the front and the packers are offering premiums on car load lots whenever they can get them. If you want to start a herd of Yorkshires write your wants to Mr. F. Rabaler, Leigh, Neb.

Mr. W. J. Carlin, of Bowen, Ill., breeder of Duroc Jerseys, has a nice lot of spring pigs for sale at reasonable prices. A litter of exceptional merit is out of a sow by Tip Top Notcher and are sired by Hanley, the noted boar now heading the herd of Messrs. McNeil Bros. There are nine in this litter and they are fit to go into any company. Another litter is out of a litter sister to sow which topped the record-breaking sale of Messrs. McNeil Bros. These are also sired by Hanley and are worthy of places in good herds. A Hanley litter out of sow by Sec's Kan't Be Beat is coming along nicely and any breeder wanting good Durocs at a reasonable price will do well to write Mr. Carlin at once, kindly mentioning The Homestead.

Mr. Howard A. Chandler, of Chandler Bros., Kellerton, Iowa, writes us from Shrewsbury, England, where he is now buying Shropshire sheep, that he has just bought a number of prize winners on that side and will be ready to furnish his customers sheep of a most excellent quality at reasonable prices. "We know that we have bought some of the best sheep, both in breeding and in individual merit," writes Mr. Chandler, "and we feel sure our customers will be better pleased with the best. We have selected for type, size and character and are as near perfection as can be found in England." Those of our readers who like good Shropshires will make a note of this fact and call on or write Messrs. Chandler when they wish something good.

Mr. A. E. Poush, breeder of Duroc Jersey swine, of Chariton, Iowa, writes: "My pigs are doing fine. They will weigh from seventy to 110 pounds and are sired by five prize-winning boars, namely, Top Notcher Again, Proud Advance, Leather Stockings 2d, Ben Davis, and Improver King. Daisy Orion, the top of the White & Dewey sale, sired by Orion Dandelion, has a fine litter of seven by Proud Advance, five sows and two boars. Madrid Belle, the noted brood sow, has a fine litter by Proud Advance. One of this sow's pigs, a gilt, weighed seventy pounds when only sixty-five days old. Queen's Choice also has a nice litter by Proud Advance, and there are some fine boars in this litter. I have two litters by Ben Davis and out of Improver's sows that are coming along fine; one fine litter by Leather Stockings 2d and out of a Top Notcher Again sow; also one litter by Top Notcher Again out of a Van's Perfection bred sow. My boar, Hardy Red, out of Jumbo

Red, is coming along in fine shape. I have a fine fall male pig sired by him that I will price right. I am booking orders now for future delivery."

Readers of The Homestead will note the change in the date claim of Mr. H. S. Allen, of Russell, Iowa, that has appeared in The Homestead recently. The sale was reported to be held on February 27th. This was an error; it should have been February 7th. Mr. Allen at that time will sell Duroc Jersey hogs.

Poland China bred sows and gilts due to farrow in August or September are offered for sale on page 22 of this issue by Messrs. C. C. Drake & Son, of Terre Haute, Ill. They also have early spring and fall boars of all the leading strains that are good individuals with plenty of bone, for sale. They announce that they will be priced so that any farmer can safely buy them.

An Arkansas colony is being formed by F. H. Petts, of Warsaw, Mo. He has secured a fine tract of land in that state where the climate is fine and prices are very low, and any of our readers who wish to know about it should write Mr. Petts at once. State what amount of cash you can put in, the number of acres you want and any other information you can give and you will receive a reply by return mail that will be beneficial to you.

Mr. John M. Cox, Jr., of Harlan, Iowa, one of the best Poland China breeders in the state and one of the most reliable, has about sixty spring pigs on hand which he is developing, for his fall trade. These are sired by Winsome Dude, Big Moss Chief and Dude's Wonder. Mr. Cox has ten good fall boars on hand, one of which is a son of Nemo L's Dude. These are for sale at any time and he also has a good aged boar that he will price to some good breeder. If you want these write him.

Mr. W. W. Vaughn, breeder of Short-horn cattle, of Marion, Iowa, writes: "I have sold my Scotch Acorn herd bull, Princess' Hero of M. V. 17881 to Mr. D. C. Bartlett, of Panama, Iowa, for \$300. After visiting several of the good herds of the state Mr. Bartlett concluded that Princess' Hero was about what he wanted to head the choice herd he is getting together in Guthrie county, and we believe he has made no mistake, as Princess' Hero is a bull of choicest breeding, extra fine quality, and has proven a valuable sire."

Mr. E. Z. Russell, breeder of Duroc Jersey swine, of Blair, Neb., announces in his advertisement that he has nothing at present for sale, but that he has 200 pigs comprising this year's crop that he will be ready to ship after September 1st. He writes: "My pigs are coming along as well as usual at this season of the year. I do not try to push my spring pigs, preferring to let them grow and mature. I hope to be at the Iowa State Fair with some of my hogs this fall, and hope to see some of my old customers and anyone interested in the Duroc Jersey breed."

Mr. W. W. Vaughn, proprietor of the Wildwood herd of Short-horn cattle, of Marion, Iowa, is making a special offer of eight good, blocky, well-formed red bulls in his advertisement appearing on page 24 of this issue. They range in age from ten to twenty months. Two are Scotch Orange Blossoms, while the others have two to five Scotch tops on good popular families. Some are from very good milking families. Mr. Vaughn will also spare a few good young cows and heifers in calf or with calves at foot by high-class Scotch bulls. Write for prices or go and visit the herd.

The Homestead takes this opportunity to direct the attention of its readers to the new advertisement appearing on page 4 of this issue, of Mr. J. W. Pedigo, of Lucas, Iowa, who is placing on the market a lightning arrester. Mr. Pedigo's device is one by which the same movement opens both the line and ground wire, making an absolute disconnection outside of the house on telephone wires where it is used. It is claimed that it works equally as well on metallic bridging lines. Other important features in regard to it can be learned by reading the advertisement. Write to the inventor, Mr. Pedigo, who desires agents.

With this issue begins the Poland China advertisement of Mr. W. N. Booth, of Danbury, Iowa, proprietor of the "Wild Rose" herd, noted throughout the West as one of the very best of this popular breed. Mr. Booth has a splendid crop of both fall and spring boars for sale. His fall boars are mostly sired by Uneda Thickset, a son of the great boar, Thickset, while his spring pigs are sired by the same hog, also by Keep On Jr., a son of the great Keep On, and one of the litter that won second prize at Des Moines in 1904. Mr. Booth can sell you a boar of any age from a spring pig to a herd boar. Write him for what you want, as he has some good ones. Kindly mention The Homestead when writing.

Mr. Geo. A. Bonewell, breeder of Short-horn cattle, of Grinnell, Iowa, in writing in regard to his herd, says: "I have had very good success selling bulls through my advertisement in The Homestead. I have sold lately bulls to the following: One to Mr. D. J. McMillan, Geneva, Iowa; one to Mr. Ben Gress, Walnut, Iowa, to head his herd of Short-horns; one to Mr. D. A. Baker, Rose Hill, Iowa; one to Mr. Sam Fish, Jacob, Iowa, and one to Messrs. Fluck & Dufus, of Grinnell, Iowa. These were all extra good calves from eleven to fourteen months old. I have yet for sale one good Scotch-topped bull twelve months old, and will price him at \$80 if taken soon. He is sired by Victor Royal. I also have a pure Scotch bull, Scottish Lad, sired by the great breeding bull, Victor Royal 219533, he by Royal Rosewood 173629. His dam is Merriment 2d by Imp. Red Light 149769. He



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CHICAGO GREAT WESTERN RAILWAY

Get a copy of the "Guide to Guide Books"—Free.

E. J. SAWYER, City Ticket Agent,
514 Walnut Street, - - Des Moines, Iowa.

is an extra good calf and weighs about 1,000 pounds." See Mr. Bonewell's advertisement on page 24.

Mr. F. A. Kruse, of Waco, Neb., breeder of Duroc Jersey swine, announces on page 23 of this issue that he has several choice spring male pigs that he will price to sell. They were sired by Fashion Improver, Jr., by Fashion Improver, winner at the Nebraska State Fair in 1905. He also has some young gilts on which he will make low prices.

The herd boar at the head of Mr. Robt. J. Peckham's herd of Poland China swine, of Pawnee City, Neb., is Major Blain, by Blain's Tecumseh, a hog that weighed 900 pounds. The sows in the herd are royally bred, and all have good sized bone, feet, and also quality. Mr. Peckham is looking for orders for hogs of spring farrow. For further particulars in regard to the herd, see his advertisement on page 22.

Mr. W. A. Rankin, of Carson, Iowa, begins his regular card advertisement in this week's issue. He has 110 pigs this season and they are sired by Ohio Chief, Glendale Critic and Jim's Goldust. Mr. Rankin has some of the best pigs seen by our representative this year and he will be in line to furnish herd headers this fall. Our readers should remember "Billy" Rankin, because he has the goods this year. See advertisement on page 23.

Mr. M. A. McWilliams, of Wall Lake, Iowa, has 175 Duroc Jerseys now on his farm and he is growing them out for the fall trade. The major portion of these are sired by his well-known herd boar, Orion J., a son of old Orion and out of the great brood sow, Kruger's Maid. Mr. McWilliams has a whole lot of daughters and granddaughters of Duroc Challenger in the herd; three daughters of Tolstoy and one full sister to Crimson Wonder. He also has some Improver II. sows; besides, a number by other well-known boars which have made their reputations in some of the hottest shows in the West. He is going to be in line this fall with a splendid bunch of young boars, and he will be glad to hear from all his old, as well as many new, customers.

On page 24 of this week's Homestead will be found the advertisement of Messrs. C. W. Daws & Son, of Harlan, Iowa, breeders of Short-horn cattle and Poland China hogs. They have one of the most select herds of Short-horns in the state, and while not so large in numbers more than makes up in quality. Of the Scotch families represented in the herd are Victoria, Butterfly, Jassamine, Secret and Queen of Beauty. At this time they are offering a particularly nice lot of young Scotch and Scotch-topped bulls for sale, ranging in age from eight to fifteen months. One of the best of these, and a calf that needs no apology in any company, is a son of the noted Parsons bull, Nonpareil King, that was sold for \$4,000. His dam is Susan Lady Second, by Field Marshal, and he belongs to the Cruickshank Secret family. In this young bull Messrs. Daws & Son have one of the greatest of the year. He is just turned nine months, is a solid red in color, a blocky, low down, well-lined calf, one of those meaty, easy feeding fellows. His head and horn are ideal and could not be improved upon; his neck sits well on his shoulder; he is full over the crops, and has a good top and bottom line, with his body set on short legs, and is one of the best-quartered calves we have ever seen for his age. It will take some money to buy him, but the man who is looking for a herd bull or a bull with a decided show-yard promise can not afford to overlook him. One of the best Short-horn breeders in the state who was a buyer at the Tebo Lawn sale told the writer he saw young bulls sell there for \$1,000 and over that would not compare with this calf. They have a Cookson-hred bull, now fifteen months old, named Commodore, a richly-bred fellow and a good individual, that they have been using, and they will sell either one of these. They also have another good Nonpareil King calf, that is a very likely fellow and can be bought right. They also offer for sale a

richly-bred Victoria bull, sired by Imp. Lavender Champion, two good bulls by Banner Chief, a Cruickshank bull formerly used in the herd, and a Scotch Queen of Beauty bull. Messrs. Daws & Son have one of the best bunches of young bulls we have seen this season, and it will pay any of The Homestead readers who are looking for something good to go and see them. When writing please mention this paper.

Messrs. A. B. Easter & Sons, of Fremont, Neb., breeders of Duroc Jersey swine, write: "We have sold the Auditor to Mr. D. R. Cash, at Carlan, Neb., for a good price. He goes to head his herd. We still have the two yearling hogs that we have been advertising for sale. We also have twenty spring boar pigs got by Gold Dust Prince, he by Gold Dust Jim. They are good ones. We think we have pigs good enough to show this year, and we will probably attend the state fairs." See advertisement on page 22.

Ella Tharp, breeder of Rose Comb Brown Leghorns, of Mt. Sterling, Iowa, writes: "We can still furnish pure-bred Rose Comb Brown Leghorn eggs for hatching at reduced prices. Our hens are laying well and eggs are gathered carefully and kept in a cool, dry cave and are giving good satisfaction. Just received a letter from Mr. James Henderson, of Winnipeg, Can., saying he got seventeen fine chicks from eighteen eggs. I would also like to sell a few dozen two or three-year-old hens at \$10 per dozen, and with every dozen of hens I will put in a good male bird not akin to females." See advertisement on page 10.

Mr. S. G. Collicott, Lake City, Iowa, will make a public sale of Duroc Jerseys at his farm near town on Jan. 15, 1907. His present pig crop is sired by a hog called Crack-erjack 43487, and Jasper Jumbo 43785, a grandson of old Jumbo Red. The latter boar is the sire of all the fall stuff on the farm. He also has pigs by Leather Stockings 2d, Clovercroft Tip Top Notcher, and Adjuster, and they are out of granddaughters of Higgin's Model and Orion sows. Clovercroft Queen, a daughter of Orion II., has a litter by a son of Tip Top Notcher, and Clovercroft Lassie 4th, another granddaughter of Orion has a litter by Adjuster, the boar that stood at the head of Dr. Down's herd at Glidden, Iowa. He also has quite a bunch of sows sired by Belle's Chief 21085, a son of Patsy Bolivar. Mr. Collicott expects to select the best of these for his January sale.

Among the many beautiful Duroc Jersey hog farms in the state of Iowa few will compare with or are more ideally situated than that owned by Mr. John Weighton, of Audubon, Iowa. Lying on a beautiful hill slope about two miles from town will be found one of the most completely equipped hog farms in the West. With nicely arranged driveways and commodious hog lots made out of the most enduring woven wire fence and surrounded by the most up-to-date hog houses is where will be found the 300 Duroc Jerseys owned by the above-named breeder. Mr. Weighton is known to nearly all of the leading breeders as a man that bought the good stuff. He it was who, in company with Mr. F. E. Garrett, purchased the great Ohio Chief sow, S. E.'s Model, at the Sheldon sale, and she is now on his farm with a litter of six pigs by Proud Advance. She is one of the great sows sold last winter, and harring a little loss of flesh due to suckling a litter of pigs she is today as good as when she topped the Sheldon sale. Mr. Weighton has a few early litters that he is pushing along and they are in splendid shape. He has pigs by Audubon (his old herd boar), Proud Advance, Peerless Orion, Orion, Belle's Chief 2d, Junior Jim, Young Joker and Proud Advancer. These pigs are mostly out of Orion, Top Notcher, Improver II. and Sensation sows, and several granddaughters of Ohio Chief. The herd is under the management of Mr. J. B. Ashby, a graduate of Iowa Agricultural College, and a thorough stockman, and he is looking well to the wants of the growing youngsters. Mr. Weighton is going to be in line with a splendid bunch of boars this fall, and he will

be pleased to hear from any Homestead readers. He will have boar pigs that will be good enough to go to any herd, and he will like nothing better than to have his customers drop in and inspect his herd and make their own selection. His advertisement will be found in these columns later in the season, when we will have more to say about what he has to sell.

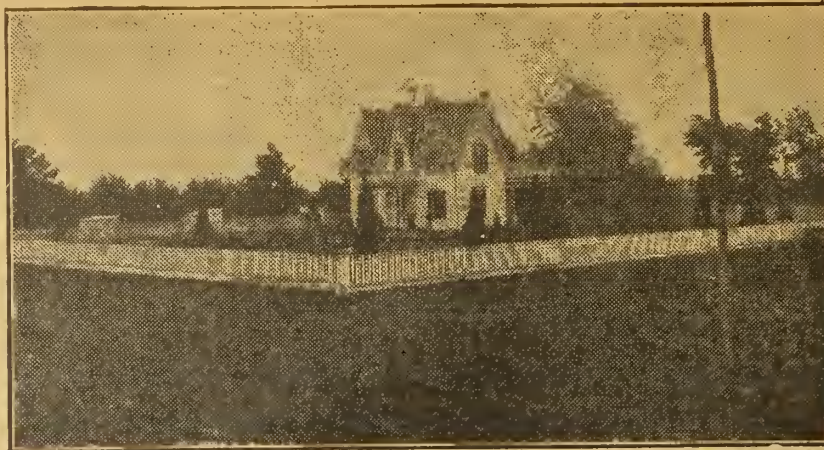
Mr. Claud Huffman, of Scranton, Iowa, one of the young and enterprising Duroc Jersey breeders, is rapidly coming to the front as a promoter of the red hog. Mr. Huffman has not been breeding Durocs as long as some of the boys, but he has been breeding them long enough to know how to produce some good ones. As a hustler he is strictly in it. Only last week a race meeting occurred at Scranton, and of course the people from the surrounding country were there and so was Mr. Huffman with a bunch of pigs. He was alert to the fact that it was a good place to advertise and so constructed three or four nice pens on the ground, and everyone that passed through the gates became acquainted with the Huffman Durocs. He has about 100 spring pigs, mostly sired by Larchwood Echo 40415, the boar now at the head of the herd. He has two good litters by Proud Advance 2d out of King Perfection dams. The blood of Malcom's Model, Crimson Wonder 1 Am, Orion and King Perfection predominates in the herd. He will make both a fall and spring sale, which we will announce in due time.

Messrs. J. W. Reynolds & Son, Defiance, Iowa, have close to 100 Duroc Jersey pigs this year. They are strictly in it with what they have and expect to go out with the boys this fall. At the head of their herd is the boar, Victor, considered to be the best son of Improver II. He is one of the largest boars of the breed and he has done excellent work in the Reynolds herd. They have few pigs by him, owing to the fact that nearly all the sows in their last sale were bred to him. A lot of their present crop is sired by a boar called I Am Pottawattamie, a grandson of Nebraska Belle. They have a nice litter out of a daughter of Ohio Anna VIII., the dam of Crimson Wonder, and her pigs are sired by old Persicles. They have a few good litters that they are pushing out for the fairs, and they are growing and well developed and will uphold the Reynolds colors at the fall shows. One of their best litters is out of Lady Marti, and are sired by I Am Pottawattamie, and another good litter is out of a daughter of the sweepstakes boar, Gold Dust Jim, and are sired by R. L.'s Perfection. They have a good fifteen-months-old boar that they are preparing for the fall shows, and he has several strong points in his make-up. He has a good head and ear, his color is all that could be desired and he has a spring of rib that will please them all. He is an easy keeper and the boys will catch a glimpse of him at the fairs if nothing happens him. Our readers can secure a good boar of the above firm, and they will be pleased to hear from them.

The following letter will give the breeders an idea as to the trip made by Mr. Morrison in search of a herd header. Mr. Morrison has one of the royally bred herds of Durocs of the West and his show herd of sows are hard to beat. He has added the great Kant Be Beat and will cross him on the grand sows he now has in the herd. Such sows as Alix 2d, Bessie H., Sutton Lady, Miss Bob, Rose Orion, Village Pride, Parnell B., and Van's Lady ought to make a great cross with the boar mentioned. Messrs. Morrison & Son are now billing orders for the Ohio Chief pigs. Read the following letter: "I have only just returned from an extended trip among the Duroc Jerseys in Iowa, Illinois, Indiana and Ohio, having visited many of the larger and not a few of the less important herds in these four states. The immediate purpose of this trip was the purchase of the greatest Duroc Jersey boar in the world and more remotely the visiting of all these history-making herds and the meeting of all these amiable gentlemen who, for so long, held in their hands the destinies of the Duroc Jersey. If space were only adequate I should like to make itemized acknowledgment of all the courtesies of which I was the recipient during this most pleasant trip. Since this is impossible I may only hope, that sometime, we may entertain in our own homes some of these pleasant mannered gentlemen in part payment of my obligation. It was not at all difficult to decide upon what boar we wanted before leaving home, but the nearer I got to the home of the great Kant Be Beat the greater was my trepidation and the oftener the thought, 'What if they won't part with him at any price?' assailed me. Having reached the farm of Watt & Foust at Xenia, Ohio, and having succeeded in getting them to name a price the details of the transfer were promptly arranged. With much less jockeying than usually attends a deal of this importance the boar was paid for and crated and shipped via Adams Express to Lincoln, where he arrived in perfect condition and is now very much at home on our farm at College View. Of the great quartet shown at St. Louis, Kant Be Beat has shown himself by long odds the most prepotent sire. The prizes won by Kant Be Beat and his get are greater in number and outweigh in importance the winnings of any other sire and get living or dead. Kant Be Beat was five years old the first day of the current month and year. It will be remembered that at St. Louis he weighed just a few pounds over half a ton. He is sound and active and is as eager as one could well wish. On Tuesday, the fourteenth of June, we bred our great sweepstakes sow, Alix II. On the thirteenth we bred our first prize Van's Lady; on the twentieth we bred out great second prize sow, Sutton Lady (dam of first prize boar at Iowa in 1905), and on the same day we bred our great yearling out of Miss Bob by Crimson Wonder, litter sister to Dr. Wilson's great sow that topped our February sale at \$410. Our pigs are doing nicely and inquiries for breeding stocks are coming in in bunches. Everything looks to the most prosperous season in the history of the breed."

LAURIE'S DUROCS.

Mr. T. E. Laurie, of Jacksonville, Ill., is offering a select lot of fall boars for sale at \$25 each in his announcement on page 23 of this issue. They are of the large, heavy-bodied type and their breeding represents the



ONE OF THE BEST HOMES IN THE STATE OF MISSOURI.

A FARM of eighty acres, joining the city limits of a town of about twelve hundred; this town has a good bank, good school and good churches, two railroads, fifty miles from St. Joseph and Kansas City. This farm is good, productive soil. Price eight thousand dollars, one thousand dollars down to bind the trade, two thousand dollars the first of March, the balance of five thousand dollars, to be paid to suit purchaser at five per cent interest. We have a farm for YOU, if this one is not the one for you. For further particulars write or call on

J. W. EVERMAN,
GALLATIN, MO.

best blood of the breed. In our issue of next week we will give a full description of the stock which Mr. Laurie is offering for sale. In the meantime readers of this paper will do well to write Mr. Laurie at once for full information. Kindly mention this paper.

BERKSHIRE SOWS FOR SALE.

On page 23 of this week's Homestead will be found the advertisement of Mr. John C. Miller, of Harlan, Iowa, who offers to sell twelve head of Berkshire sows. These are bred for fall litter to his 800-pound boar, Milo, a son of the noted King Starlight, and to Royal Combine 2d, a Barker-bred boar. If any of our readers want Berkshire sows they should write Mr. Miller at once.

GASOLINE ENGINES.

The Gilson Manufacturing Company, of Port Washington, Wis., are making a very liberal offer on gasoline engines in their advertisement on page 10. Their illustrated catalog will be sent to all who are interested in the market for gasoline engines. Their engines have stood the test wherever they have been used and anyone wishing to secure a good gasoline engine at a reasonable price will do well to correspond with this company at once as per the advertisement, kindly mentioning this paper.

GRIFFITHS' DUROC JERSEYS.

Mr. H. B. Griffiths, of Bowen, Ill., is offering a very good lot of fall boars in his announcement on page 23 of this issue. They are sired by Tip Top Notcher, Griffith's Banner, a grandson of The Lad For Me, and a few by Big I Am. In our next issue we will give full information regarding this herd, but would advise our readers who are in the market for good herd boars to write or visit Mr. Griffiths at once. Kindly mention this paper when writing and watch for full particulars regarding this herd in our next issue.

C. MCCARTHY HAS DUROCS.

The writer had the pleasure of inspecting the herd of Durocs owned by Mr. C. McCarthy, of Charleston, Neb., recently and found this gentleman well supplied with spring pigs. The present crop will number about seventy-five of mostly March and April farrow. We noticed several very promising pigs among the lot. The herd is well represented in the blood of Crimson Wonder, Orion and others of note. Mr. McCarthy will hold a brood sow sale in the winter. This same gentleman is the owner of a very strong lot of Short-horn cattle. You will hear more of him later.

HOW ABOUT THOSE CHESTER WHITES?

"Where can you find Chester White hogs?" has been asked us several times. One of the good breeders of this strain is Mr. Jno. Cramer, of Beatrice, Neb. Mr. Cramer has been in the business for some time and is well posted on the breed as well as being a competent judge of the type that breeds best. This gentleman has shown his hogs at some of the best shows and has won his share of ribbons on them. His herd is very strong on individual merit and will undoubtedly please you should you place an order with him. Write for the breeding of the hogs, etc. This gentleman shipped a great number of hogs out last year and has given good satisfaction.

TANNER'S HERD OF POLANDS.

Mr. Fred Tanner, of Beatrice, Neb., is building up a herd of Poland Chinas which represent the very best of blood lines. The early pigs were somewhat handicapped by the bad weather. Mr. Tanner recently received a fall boar sired by the great On and On. This hog cost Mr. Tanner \$160. He tells us that he is going after the best that money can buy. The same fall pig has lots of quality and finish; his dam was by E. L. Perfection. She sold in one of Mr. Young's sales for \$450. The sows in the herd are sired by such noted hogs as Mogul, Meddier, Lobb's Chief, Mischief Maker and others as well known to the breed. Mr. Tanner is offering a splendid fall boar for sale sired by Lobb's Chief (winner at Nebraska State Fair). If looking for a boar write this gentleman.

CLOVER WAVE DUROCS.

With this week's issue appears the advertisement of Messrs. Stow & Gingrich, of Hamburg, Iowa, owners of one of the best Duroc Jersey herds in the West. They have 110 spring pigs out of daughters of Orion, Proud Advance, Long John, Peerless, Belle's Chief, Van's Perfection, Belle's King, Gold Dust Jim and Orion Dandelion. Any of our readers wanting a good pig can very easily secure it from this herd. These pigs are sired by Red Orion 28793, a son of old Orion 5293; Duroc Standard, a grandson of King Perfection on the sire's side and a grandson of Duroc Challenger on the dam's side, and Belle's King II. by Belle's King, a son of Echo King and Nebraska Belle. They also have pigs by Critic's Echo, a son of the prize-winning boar, Glendale Critic, and Brighton Wonder, a full brother to the noted Crimson Wonder. The readers of this paper who will be in line for a boar this fall had better figure with the proprietors of the "Clover Wave Herd," as they will be able to furnish some extra good ones. There isn't a better bred herd in the West. Write them what you want and you will be sure to get

HOMES FOR THOUSANDS

One and a quarter million acres to be opened to settlement on the

SHOSHONE RESERVATION

Dates of registration July 16th to 31st.

EXCURSION RATES

Less than one fare for the round trip, daily July 12th to 29th via



\$21.30 Round trip from Des Moines, over the only all rail route from Des Moines to Shoshoni, Wyo., the reservation border.

L. F. BERRY, General Agent,

Chicago & North-Western Ry.

Des Moines, Iowa,

Please send to my address pamphlets, maps and information concerning the opening of the Shoshone or Wind River reservation to settlement.

(Cut out this Coupon)

NW19

the best. Their motto is, "first come, first served," and when you buy of them you can put it down that you are buying from one of the most reliable Duroc Jersey firms in the West. See advertisement on page 23.

"THE KIND OF EDUCATION FOR BOYS ON THE FARM."

Years ago the idea prevailed that the boy on the farm did not require or need much education. Our forefathers were of the opinion that the education their sons needed most was a knowledge of how to farm. Today the farmer who has business ability finds that much of his success is attributed to being able to make the most of his environments. He finds that his knowledge of business ways and methods are a big help in this respect. The fact that most of the successful men in this country, from the president to the heads of the large mercantile establishments, were boys from the farm, ought to be an incentive to the young farmer boy of today to look ahead with bright prospects. Nowadays a business education can be acquired so much quicker, so much easier and so much cheaper that there is little reason for the boy on the farm not being equipped with a business education. We wish to call attention to one of the most successful business colleges of today. The celebrated "Gem City Business College," of Quincy, Ill. Here the student can find the right kind of training, because they teach by actual, practical methods. You learn to do business by actually doing it and not by memorizing text books. Being locat-

ed in a modern, but medium sized city makes it possible to obtain home boarding at a very reasonable cost. It will pay you to refer to their advertisement on page 6, and write them for their sixty-four page illustrated catalog, which will be mailed free to all who address President Musselman, 205 Musselman Building, Quincy, Ill.

HAMILTON'S DUROCS.

One of the good bunches of Duroc Jersey pigs that we have seen in Nebraska is owned by Mr. T. J. Hamilton, of North Bend. He has ninety spring pigs and seventy-five of these are of March farrow. He therefore has more uniformity of size than will be found in most herds. The major portion of these are sired by Hamilton's Improver, a son of Improver II., out of Gipsy Maid by Briggs' Model. He has, however, one litter by Belle's Echo, the boar that topped the Frank Fentress sale, and this litter is out of a Red Knight sow. Another litter is by Jumbo Perfection, and out of Hambletonian Girl by Hambletonian, the first prize boar at Nebraska State Fair in 1904. The litter out of the Red Knight sow is a Nebraska Belle-Echo King combination, and is going to make desirable stuff for breeders this fall. Among his best and most advanced litters are two out of granddaughters of old Higgins' Model. One of these sows has five pigs and the other has seven, and they will catch anyone's eye. There are some extra good pigs among these, and are deserving inspection on the part of breeders in

search of something for future use. Mr. Hamilton is now using a son of Crimmon Wonder out of a daughter of West's Banker, and several sows are bred for fall litter to this boar. He will make a public sale on November 13th, at which time he will sell his select boars and will put in a number of good gilts. The boars that go into this sale will be the select of this season's crop, and as he is not sparing with the knife, buyers can feel that they will meet with a right good offering in this sale.

GOOD DUROC SPRING PIGS FOR SALE.

Mr. A. Wilson, of Bethany, Neb., has one of the good herds of this section and he is in line to please any man looking for a good boar of spring farrow. Mr. Wilson is the gentleman that topped the J. M. Morrison sale last winter after paying the reasonable sum of \$400 for a very good gilt sired by Crimmon Wonder and safe in pig to the great Ohio Chief. Mr. Wilson will price these boars worth the money. He will hold a sale this fall and has a choice lot of pigs to select his offering from. Look up the advertisement on page 23.

SHELDON'S DUROCS.

On page 23 will be found the Duroc Jersey advertisement of Messrs. Sheldon Bros., successors to Messrs. H. C. Sheldon & Sons, Shaunon City, Iowa, a firm that is known wherever the red hog is grown. They have 100 pigs sired by the noted boar, Proud Advance, considered one of the greatest boars known to the breed. They also have boars sired by the World's Fair boar, Ohio Chief, by Alix Pride, a full brother to the sweepstakes sow, Alix II, and by Top Notcher R. They have a bunch of boars that they say are equal, if not superior, to anything they have ever bred, and they will be glad to hear from any of The Homestead readers who are in need of a herd header.

KIRKPATRICK SELLS DUROCS.

Mr. W. A. Kirkpatrick, of Lincoln, Neb., recently started a breeder on the right road to success by selling him twelve sows from his well-known herd. Mr. Kirkpatrick has delivered the sows and they were up to the purchaser's expectations in every way. This speaks well for the Kirkpatrick herd. He has any number of choice things left on the place that will be priced right. The price on the dozen sows sold was \$600. The sows were bred and will undoubtedly prove good for the purchaser in the way of litters and good individuality. If you are looking for a herd header or a few sows to strengthen your herd you should write the above-named gentleman at Lincoln, Neb. Look up his advertisement on page 23. Please mention The Homestead when writing.

CORN HARVESTERS.

H. L. Bennett Company, Westerville, Ohio, are offering special inducements on corn harvesters in their advertisement which appears on page 4 of this issue. These harvesters are among the very best on the market, well made in every detail, and they will do the work. This company have made a very low price, considering the excellent machine they are selling, and knowing how well it does the work, feel certain that every farmer who purchases one will wonder how he has gotten along for so many years without one. We would ask all of our readers who may be interested in corn harvesters to write the H. L. Bennett Company for their new catalog and price lists, which will give in detail a complete description of the machine they are selling. By kindly mentioning The Homestead your request for catalog will have immediate reply.

A CORRECTION.

In the advertisement of Messrs. M. W. Greer & Son, of Rushville, Ill., breeders of Duroc Jersey swine, it was stated that they were offering a number of fall boars by Tip Top Notcher. These boars are not now offered for sale, but are being reserved for the fall sale to be held on October 22d. However, Messrs. Greer are offering a fine lot of fall boars by Oom Paul and several of them grandsons of Tip Top Notcher. They are of the herd header type and should be taken up at once by breeders wanting herd boars. Since Mr. Geo. W. Seckman, of Ripley, Ill., has decided to close out his herd in October, the date, February 5th, claimed by him for brood sow sale has been allotted to Messrs. Greer. Breeders who are wanting something good should write or visit Messrs. Greer at once, who will, if notified, be pleased to meet anyone interested in Durocs, at Rushville. Kindly mention The Homestead when writing as per the announcement on page 23 of this issue.

READ THE TESTIMONIALS—THE AUTO-FEDAN HAY PRESS NO LONGER AN EXPERIMENT.

"Wolf, Wyo., Feb. 20, 1906. We have just given our banker orders to send you money for the hay press. We have given the press a good trial and are well satisfied with it in every way. Our hay is mostly heavy timothy, with clover and alfalfa, and we have been a little skeptical about a self-feed handling this long stuff well, but the machine works in every way O. K., and we think it is the best self-feed we have ever seen or tried. We have had no trouble at all from the beginning. We just put the machine together and went to work with it and we are in every way well satisfied. Yours truly, Rohwedder Bros." "Have baled about 250 tons of alfalfa with the press and find that it does first-class work in every respect. The self-feeder makes it entirely safe to work with. Chas. Cook, Las Animas, Colo." "I am more than pleased with my press. I don't have to help it; it helps itself if I put the hay in the hopper. J. H. Akers, Sibley, Mo." "The press is a dandy. Have not had a bit of bother. It bales straw as fast as we can feed it. Frank Dumott, Elk City, Kan." "The press we sold is giving good satisfaction and the party is well pleased with it. J. Ed Rankin, Latham, Kan." "In baling from windrow I save from forty to fifty cents a ton with the Auto-Fedan, as two men can operate it easily. It also does the finest kind of work out of stacked hay. F. H. Bayer, Toronto, Kan." "I baled about 250 tons with the Auto-Fedan and saved ninety-eight cents a ton over the expense of hiring my hay baled last year, so I saved the cost of the press the first season. V. S. Cantrell, Vernon, Kan." "I baled seventy-seven tons in five

You cannot be well unless your stomach and bowels are right.
The thing to right them is **Jayne's Sanative Pills**
At your druggist's.

days from stacked hay. J. G. Brown, Stuart, Neb." Write the Auto-Fedan Hay Press Company, 1062 Jefferson St., Topeka, Kan., mentioning The Homestead. They will tell you all about it. See advertisement on page 8.

SENATOR 241887 FOR SALE.

The above richly-bred young Scotch bull is offered for sale by Mr. J. D. McDermott, Anita, Iowa. He is a son of Imp. Fashion Favorite and is out of Imp. Augusta Bruce, one of the best cows in the McDermott herd. This young bull is fit to head any herd, and will be priced within the reach of anyone wanting a good herd bull. Write Mr. McDermott about him or go and see him.

HENRY BROS.' POLAND CHINA BOARS.

On page 22 of this week's Homestead will be found the double column advertisement of Henry Bros., well-known Poland China breeders, of Le Mars, Iowa. They are now offering for sale a bunch of thirty fall boars, sired by Matchless Perfection, the \$500 son of Chief Perfection 2d, Matchless Perfection Jr., the sweepstakes boar at the Interstate Fair, Meddler Boy, a son of the World's Fair boar, Meddler, and Correct I Know. They also have about forty spring boars sired by the same boars and they are now booking orders for these. The boys have an excellent crop of boars this year, and they can fill your order at any time from now on. Kindly write them at once and mention The Homestead.

A NEW DUROC JERSEY FIRM.

It is with pleasure that we call attention to the new Duroc Jersey firm of Messrs. Sheldon Bros., Shannon City, Iowa, who have purchased the well-known herd of Messrs. H. C. Sheldon & Son, and who will hereafter conduct this herd along the same line as has heretofore been done. Messrs. Sheldon Bros. are excellent hogmen and are thoroughly in touch with the business. The Cedar Grove herd is one of the foremost in the West, and Messrs. Sheldon Bros. intend to keep it in the front row of the Duroc Jersey procession. They have about 100 pigs sired by Proud Advance, one of the greatest boars of the breed. They also have pigs by several other of the best boars, and the pigs are doing fine.

THE GREAT OHIO CHIEF.

Beginning with this week's issue appears the advertisement of R. J. Harding, of Macedonia, Iowa, and C. E. Osborn, of Weston, Iowa, joint owners of the noted Duroc Jersey boar, Ohio Chief. This hog is undoubtedly one of the greatest living Duroc Jersey boars. He is not only a World's Fair winner, but he is a proven sire, and today the get of no other hog is in such demand as the get of Ohio Chief. Both Mr. Harding and Mr. Osborn have a lot of his boars as well as his sows on hand, and they are meeting their every expectation. Mr. Harding will make a public sale on October 3d, and Mr. Osborn on October 4th, at which time these two breeders intend putting in the tops of their herds. They will be pleased to hear from any of our readers at any time and will tell them just what they have on hand.

A RELIABLE LAND COMPANY.

The Geo. W. Johnson Land Company, of Gary, S. D., whose advertisement has been appearing for some time on our land pages, is a most thoroughly reliable one in every respect, and our readers who may have business transactions with this firm will find their deals promptly attended to and also that everything is exactly as represented. These lands which are offered for sale are some of the very best to be found in South Dakota and southern Minnesota, so that our readers may depend upon it that the terms will bear the closest inspection. Mr. Johnson, the head of the firm, we have known for a good many years and have purchased property from him, so that we can speak for his honesty in any deal he may make. Read the advertisement on page 15 and then write for a descriptive catalog of the farms this company have for sale.

OAKVIEW DUROCS.

One of the best herds of Duroc Jerseys inspected by the writer, a representative of this paper, this season is that owned by Mr. J. Coy Roach, of Girard, Ill. It will be remembered that Mr. Roach was the purchaser of Helen Blazes III., the first sow that ever sold for \$1,000 in the history of the Duroc Jersey breed. He is a man who has been breeding Duroc Jerseys for a number of years and has made a record in the show ring that is worthy of credit to any breeder. He has some extra good pigs for the season's trade sired by Model Chief. This boar is the son of Ohio Chief and has proven himself a most valuable sire. Last winter Mr. Roach sold Model Chief to Messrs. C. W. & Wm. Reed and afterward went to the herd of Messrs. Reed in Iowa and tried to buy him back. They were so well pleased with Model Chief that they refused to put a price on him. Mr. Roach has five litters sired by Model Chief that are even, uniform and growthy and a better lot is seldom found in any herd, the get of one boar. Another good litter is by Advance and out of a Duroc Challenger II. dam. A litter which gives promise of making something extra good is sired by Sandow's Best 46413 and out of Jay's Belle 39128 (A.). This sow was sired by Reading King 11713 (A.), he by Morton's King 8725 (A.), dam Duchess Model 26590 (A.) by Walt's Col. 5795 (A.) Few better producing sows are found in any herd and her present litter by Sandow's Best will certainly find ready sale at good prices in the fall sale which will be held November 3d. Sandow's Best 46413 was sired by Sandow 14711 (A.), a boar which won first in the under year class at the Illinois State Fair in 1904. His sire, Protection Chief 12223 (A), was shown the year before and won second place, being defeated by Tip Top Notcher. Mr. Roach sold Protection Chief for \$150, which was at that time a very good price for a Duroc boar. Mr. Roach is now offering for sale a select lot of January boars sired by Model Chief. They are of strictly show-

FREE LANDS FOR HOMESTEADERS IN THE Shoshone Reservation of Wyoming

Uncle Sam will give everybody entitled to take up homesteads a chance at these lands, comprising approximately 1,150,000 acres. It is estimated that between 300,000 and 400,000 acres are first-class agricultural lands susceptible of irrigation. The remainder are grazing, timber and mineral lands.

To secure a homestead you must register at one of the points designated by the government on any day from July 16 to 31, 1906.

The Burlington Route will sell very low-price round-trip tickets daily from July 12 to 29, inclusive. Those who make sure their tickets read to Worland, Wyo., have the great advantage of reaching the reservation over the Burlington's line thro' the heart of the Big Horn Basin. To see this rich irrigated section is worth any man's time and money.

For further information, just fill out and mail this coupon TO-DAY.



P. 150

P. S. EUSTIS, 209 Adams Street, Chicago.

396

Please give me information about the Shoshone Opening.

Name _____

Address _____

yard type and their breeding cannot be equalled, they being grandsons of Ohio Chief. Breeders wanting a good herd boar will do well to write or visit Mr. Roach as per the announcement on page 23 of this issue. Kindly mention this paper when writing.

RUSSELL'S DUROCS.

Duroc Jersey breeders will be interested in knowing that Mr. E. Z. Russell, of Blair, Neb., has a crop of 200 pigs from which to select herd headers this year. Among these are pigs sired by Glendale Critic, the well-known prize-winning boar, and the sire of the first prize boar and sow pig as well as the first prize litter at the Iowa State Fair, Nebraska State Fair and Interstate Fair. He also has pigs by Critic's Echo, one of the promising show boars of the year, as well as by Malcolm's model and a few other boars. Write Mr. Russell if you are in need of a pig. He will be able to attend to your wants.

THE JOE YOUNG POLAND CHINAS.

Readers of The Homestead have become familiar with the Poland China herd of Messrs. Young & Duncan, Madison, Neb., more commonly known as the "Joe Young herd," and advertised last year through the columns of this paper. This is one of the good Poland China herds of the West, and few herds indeed can show as many first-class brood sows as will be found here. They are with us again this year and their advertisement will be found on page 22 of this week's issue. They are offering twenty-five head of good fall boars for sale, and they also have about fifty head of spring boars that they would ship at any time. The fall boars are sired by My Price, one of the best sires ever used in the herd and one of the best boars in his day in the West. A few are sired by Perfection, a grandson of old Corrector. These are a very lengthy, growthy and well-developed bunch, possessing ample bone and abundance of finish. They are pricing these boars right if taken soon, and the first to come will be the first served, and, of course, will get the best. They also have a splendid lot of spring boars sired by Grand Mass Chief, a grandson of old Chief Tecumseh 2d; Matchless Perfection Jr., the sweepstakes hog at the Interstate Fair last year; Oakland's Prospect, and T's Tecumseh, two of the best sons of the noted boar, Blair's Tecumseh; one litter by Nebraska King, first-prize boar at Nebraska State Fair in 1904, and one litter by Nemo L's Oakland, a son of Nemo L's Dude. A number of the brood sows in this herd are sired by Sure Per-

ERIE RAILROAD

The Picturesque Trunk Line of America.

SOLID VESTIBULED TRAINS

CHICAGO

TO

NEWYORK, BOSTON, BUFFALO,
NIAGARAFALLS, JAMESTOWN,

or LAKEWOOD, N. Y.,
(CHAUTAUQUA LAKE.)

and COLUMBUS, O.

Trains Everywhere Protected By

BLOCK SAFETY SIGNALS

Apply to Your Local Ticket Agent or

J. A. DOLAN, T. P. A.

555 Railway Exchange,
CHICAGO, ILL.

fection and Good Investment, two as good boars as were ever used in the West. The herd is strong on good brood sows, not only good individually, but of the producing kind. They are fitting a good show herd this year, headed by an excellent boar called High Looker by High Top, the great show boar in the R. E. Bryan herd in Illinois. They will be at the Iowa State Fair, the Nebraska State Fair and the Interstate Fair, where they will be pleased to grasp hands with their old friends and make the acquaintance of new ones. If any of our

readers are in the market for a good fall boar, or a good spring boar, it will pay them to write Messrs. Young & Duncan, or go and see their herd. They will also sell a few sows bred for early fall litter. Please mention The Homestead when writing them.

WHEELER'S HEREFORDS.

One of the best Hereford herds in Iowa, or in fact the West, is owned by Mr. W. W. Wheeler, of Harlan, Iowa. We make this assertion unreservedly, and say that there are to be found in this bunch of cattle more broad-backed, big, Hereford cows, combining not only scale, but smoothness, than can be found in any other one herd in the West. The herd is headed by one of the greatest living sons of old Beau Donald, and the females represent the choicest strains known to the breed. Mr. Wheeler has gradually selected this herd from among the best herds in America, and whenever he knew of a well bred cow being offered for sale, whose individuality was in keeping with her breeding, he bought her. To our Hereford friends, and especially our best breeders we will say that it will pay them to visit the Wheeler herd and see what is destined to become one of the most noted herds in the West. Just now he has about nine young bulls for sale, all strong, lusty fellows. If you want one call and see him.

A REMEDY THAT CONTINUES.

Spavin, to many horse owners, is an ailment greatly to be dreaded. They regard it as something almost incurable. Others, who have had more experience, regard it but lightly. There is no chance for its long continuance without notice, and, if treated promptly, it can easily be cured by that standard, stable remedy, Kendall's Spavin Cure. The cure will be permanent and no sign of the injury will remain. Even cases of long standing are often cured. It is possible that all, except the very oldest and stubbornest, will yield to this treatment. There are also a number of other ailments of horses, consisting of unnatural bony growths, which would, from their nature, yield to the same sort of treatment. We mention ring-bones, curbs and splints. All of these do, as a matter of fact, when taken in time, yield readily to a proper use of Kendall's Spavin Cure. This remedy, as well as the admirable little book, "A Treatise on the Horse and His Diseases," which may be had free from druggists or the Dr. Kendall Company, should have a place in the stable of every horse owner.

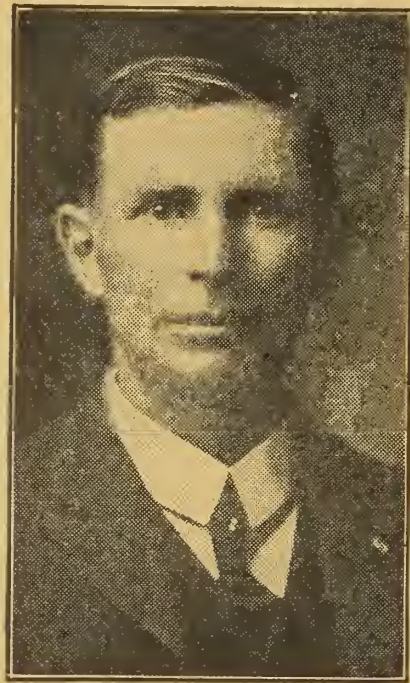
W. A. MERRYMAN'S ELM GROVE HEREFORDS.

In company with Col. Harry W. Graham, of Chillicothe, Mo., (one of north Missouri's best known live stock auctioneers) a representative of this paper recently spent a most enjoyable and pleasant day inspecting the Elm Grove Herefords owned by Mr. W. A. Merryman, of Laredo, Mo. Mr. Merryman owns one of those fine, large stock farms, such as Missouri is noted for, and for the past fifteen years has been actively engaged in the breeding of his favorite cattle, "the whitefaces." Two herds, one a herd of pure bred, consisting of upwards of fifty head, and a herd of high-grades, consisting of upwards of 100 head, are kept, but on separate farms. That Mr. Merryman is a lover of good cattle is best proven by a trip through these herds. Each is headed by bulls that have been selected for their individual excellence and both are bulls that are well bred and it would not be out of the way to say fashionably bred. Among the females in the herd of pure-breds are cows that were bred by such breeders as C. H. Curtis, of Eminence, Ky.; C. G. Comstock & Son, of Albany, Mo.; Cornish & Patton, of Osborn, Mo., and Overton Harris, of Harris, Mo. The blood lines are of the best and such sires as Beau Brummel, Gentry Briton 6th, Beau Donald, Improver, Corrector, Wilton Anxiety and Iron Founder 1st appear close up in the pedigrees. While Mr. Merryman was careful to get good pedigrees, it is evident that the individual was the first consideration and as a result his cows and heifers show a degree of excellence seldom found in herds that are, and have been, kept more prominently before the public. Of the high grade herd too much cannot be said, for it is doubtful if another such herd could be found in several days' travel. For fifteen years past the best bulls obtainable have done service in this herd of high grades; the best heifers have been retained for brood cows and as a result

few pure-bred herds in Missouri can show superior individuals. Right here is where the farmer who is, or contemplates, producing steers for the market can gain much valuable information, as for the past six or eight years the car loads of fat steers from this herd have topped the market at Chicago on the days they were sold. To Mr. Merryman this must have been the source of much satisfaction and profit and it is to be regretted that on September 28th, on account of his numerous business interests in Laredo, Mr. Merryman will disperse his herds preparatory to leaving the farm. Grundy county, Mo., will lose one of the better herds of pure-bred cattle in North Missouri and at the same time a herd of high-grade cattle that have been, and would continue to be, could they be kept intact, an object lesson such as is seldom found. It is to be hoped that Mr. Merryman's cattle will be appreciated to such an extent that many will stay in his home county, as no locality can help feeling proud to have such cattle within its borders.

KRASCHER'S DUROC JERSEYS.

It is a source of satisfaction to any breeder to see stock of his breeding doing well in the hands of his fellow breeders. Such is the case with Messrs. Fred Kraschel & Son, of Macon, Ill., breeders and owners of one of the best herds in the middle West. We present a fair likeness of Mr. Melvin A. Kraschel, the junior member of this firm, in these columns. He takes an active interest in the swine breeding industry and was unanimously elected president of the Illinois State Swine Breeders' Association in January, being the first and only Duroc Jersey breeder to hold this position. His father, Mr. Fred Kraschel, enjoys the confidence of every breeder who



has had the opportunity to meet him or come into communication with him by mail while purchasing stock from him. There are two very important rules or principles of business which Messrs. Kraschel have adhered to—never ship out anything but the best, and send stock true to description. These fundamental principles of the breeding business have made the name of this firm known as thoroughly reliable and trustworthy. By careful selection and proper mating with a definite ideal or type in view Messrs. Kraschel have been able to produce stock which have brought them much praise in the show ring and others of their breeding have won for their fellow breeders. A notable instance of this character is found in Buddy K. IV., the champion Duroc boar at the Illinois State Fair last year. He was bred by Messrs. Kraschel and shown by Mr. Ed. A. Baxter, of Pawnee, Ill., and the contest narrowed down to a hog shown by Messrs. Kraschel, Mayor Jr., and Buddy K. IV. The judge placed Buddy K. IV. as champion and the first man to congratulate Mr. Baxter was Mr. Kraschel. A kindly feeling toward all, and a disposition to promote the interests of the breed, have made this firm one of the most popular east of the Mississippi. During 1904 Messrs. Kraschel showed their stock at Illinois State Fair and won first in class and sweepstakes on Gold Cloud, one of their present herd boars, and a breeder of prize-winning stuff. The same year they won second on under year boar, second on gilt under six months, first on produce of sow, and second on young herd. In 1905 they were again successful at the same show, winning first on yearling boar, Mayor Jr., second and third on boar pig under six months, third on sow under one year, third on sow pig, third on produce of sow, third on young herd, and second on aged herd. During the brood sow sale season Messrs. Kraschel topped the L. W. Cross sale, T. W. Stoner & Son sale, were next to top at the McNeil Bros. sale, topped the Ed. A. Baxter sale on gilts, and in the Geo. W. Seckman sale were persistent bidders on the best lots, securing two head at high figures. At the Browning sale they, together with Mr. Ed. A. Baxter, were the last bidders on all of the \$1,910 litter but Helen Blazes III., and secured one of this litter at \$260. She has raised a nice litter sired by Golden Echo, a very good boar which topped the male portion of Messrs. Kraschel's fall sale. Substantial help such as was given to breeders at the various sales by this firm will not be forgotten. It is one of the best evidences that Messrs. Kraschel have faith in the future of the Durocs. We wish this week to call attention to some of the good litters which will be offered for sale at this time and which are included in the fall sale, the date of which is November 2d. A fine litter of eight pigs by Top Notcher Chief, junior champion at World's fair, is out of Queen Advancer 107590, she by Advancer 28773, dam Fashion Queen

XV. by Duroc Challenger II. 13169. This litter numbers eight and came in April. A litter by Hanley is out of Daisy Mc, she by Cantine Boy and next to highest priced sow sold in Messrs. McNeil Bros' sale. A very good litter of eight sired by Mayor Jr. is out of Lady Blue, she by La Belle's King 14617. This litter have a great future and resemble their noted sire, Mayor Jr., in many ways. One of the best litters in the herd is by Gold Cloud and out of Prosperity Belle 94622. They have a right to be good, as this sow has been one of the most valuable producers in the herd. Her sire, Prosperity Bill 12107 by Ben Davis 10513, was one of the first hogs used by Messrs. Kraschel and his get have in every case been profitable, prolific breeders. A litter which will no doubt attract attention is sired by Roland and out of top gilt in Baxter's sale. They are uniform in type, growth, color and finish and should be heard from. A litter that bids fair to be in the money at the coming shows is sired by Mayor and out of a Buddy T. sow whose dam was Owaneco Belle, one of the best sows in the herd and a half sister to Gold Cloud. Lack of space forbids mention of all the litters in this issue, but we will make further mention in future issues. Any reader of this paper interested in good Duroc Jerseys can do no better than visit this herd before making final selections. They are pleased to show their stock and furnish any information regarding same. We take pleasure in recommending this herd to our readers and are sure that the best treatment will be given to all. See announcement on page 23 and write at once, kindly mentioning The Homestead.

CLOVER WAVE DUROCS.

To own one of the best Duroc Jersey herds in Iowa and the West was the desire of Messrs. Stowe & Giugrich, Hamburg, Iowa, and with that very laudable ambition in view they started out by buying the best foundation stock that money could secure. Few herds in Iowa, therefore, can boast of as many good brood sows as will be found in this herd. For herd boars they have used Red Orion (a son of old Orion), Belle's King 2d (a son of Belle's King), as well as several other good boars that were bred along the most approved lines. At the head of the herd now is Duroc Standard 4417, a son of Duroc Paragon and a grandson of King Perfection on the sire side. His dam is Paullina Queen II. by Duroc Challenger, and she is one of the best sows in the West herd. This boar

is about the best one they have ever used in the herd, and he is proving a good breeder, and the pigs now on the farm will bear us out in this statement. He is a hog of good scale for his age, with a good ear and a reasonably good head, an unusual spring of rib, a good color and an abundance of good bone. He is an easy keeper, and knowing his blood lines for generations behind him we predict a bright future ahead of him. In fact, we saw some pigs sired by him that should make the very best hogs by fall. The greater number of the pigs on the place are sired by this boar. Among the many good sows in the herd are Rosebud's Pride, the sow that topped the Manley & Co. sale as a gilt in 1905 at \$410. She is a daughter of the great boar, Proud Advance, and is out of a Jumbo Red dam. She was considered the great gilt of that year, and time has not lessened the high opinion bestowed upon her by the critical buyers of that season. Had she been sold in their sale last winter when prices were soaring skyward, there is no telling what she would have brought. She has a splendid head and ear, characteristic of the get of Proud Advance, and she has a ham on her that cannot be heated and is seldom equalled. In fact, she is a sow all over. She has a good litter of eight pigs by Duroc Standard that promise well if nothing happens them. Red Light, a daughter of the sweepstakes boar, Gold Dust Jim, with a daughter of Improver II. for a dam, is another good brood sow in this herd. She cost \$200 at the E. Z. Russell sale, and she has nine good pigs by Critic's Echo, and they are strictly all right. There are five boars and four sows in this litter, and we believe she will be one of the most profitable sows ever brought by them. Another very excellent litter is out of Lou Dillon, a daughter of Orion and one of the reliable brood sows in the herd. Her litter is by Duroc Standard. Another sow, called Lottie, a daughter of Hatcher's Marti, has a good Duroc Standard litter, and there are some unusually good gilts in this bunch. May Orion, the highest-priced gilt sold in Iowa in 1905 is also owned in this herd, as well as a number of good daughters of Proud Advance, Orion, Long John, Peerless, Belle's King and Belle's Chief. They have about 110 spring pigs on the place, and it is the best bunch they have ever raised. They are going to be strictly in line this fall to cater to their large trade, and the boys always feel at home when buying of

**GREAT
NORTHERN
RAILWAY**

Every Tuesday

Until December 25th, inclusive, low rate round-trip homeseekers' tickets will be sold to points on the Great Northern Railway in

MINNESOTA, NORTH & SOUTH DAKOTA, MONTANA AND THE CANADIAN NORTHWEST AT

One Fare Plus Two Dollars

On the first and third Tuesdays of May, June, September, October, November and December, this same low rate will apply to points in

Montana, Idaho, Eastern Washington, Northeastern Oregon and Eastern British Columbia

Via the

Great Northern Railway

Condensed Schedule of Round Trip Fares.

TO	From Minneapolis, St. Paul, Duluth	From Chicago
Spokane, Wash.,	\$44.50	\$56.00
Nelson and Rossland, B. C.,	44.50	56.00
Kalispell, Mont.,	37.15	48.65
Helena, Butte and Anaconda,	34.50	46.00
Great Falls, Mont.,	32.50	44.00
Minot, N. D.,	16.35	27.85
Grand Forks, N. D.,	11.55	23.05
Winnipeg, Manitoba,	15.25	26.75
Aberdeen, S. D.,	10.55	21.35
Sioux Falls, S. D.,	9.00	16.90

Through Tourist Sleeper from Chicago

Inquire further:

MAX BASS,

Gen'l Immigration Agt.
220 So. Clark St., Chicago, Ill.

F. I. WHITNEY,

Passenger Traffic Mgr.,
St. Paul, Minn.

Drs. Fellows & Fellows Co.



WE CURE ALL CHRONIC NERVOUS AND SPECIAL DISEASES.

By the most scientific and up-to-date methods. If you are discouraged consult doctors who are recognized as experts in diseases and weaknesses of men and who make no promises that experience will not justify. Consult the best first; it pays.

We Positively Cure Varicose Veins, Nervous Debility, Blood Poison, Ulcers, Skin Diseases, Rheumatism, Stomach, Liver, Bowel, Kidney, Bladder and Urinary Diseases.

together with their usual debilitating influences. All these diseases lead to serious complications if neglected or improperly treated. The first intimation that a Chronic Nervous or Private Disease exists should lead the patient to confide in a skillful specialist. Our reputation as experts in this class of diseases has been made right here in Des Moines and we are better able to maintain it now than ever before. It costs nothing to consult us and we will tell you frankly just what we can do for you, how long it will take, and what it will cost you. Write us at once if you cannot call.

Reference, any Bank or Business House in this City.

Drs. Fellows & Fellows Co.
323 W. WALNUT ST., DES MOINES, IOWA

this firm. Their representations are strictly in accord with what they send out, and they were never in better shape to fill orders than they will be this year. We sincerely hope the readers of this paper will remember them when it comes to buying a boar or a sow, as they will carry out any and every agreement and it is always a pleasure to do business with them.

HOMESTEADS AND CHEAP LANDS IN COLORADO.

Many of our readers have often made inquiries about homesteads in Colorado and how they could go about it to get one. This week we are running the advertisement of Messrs. Scharff & McColl, of Des Moines, Iowa, on page 15 in which they offer to locate any of our readers on excellent Colorado farming land for a very small fee and not only that, but place them on land where the adjoining property is selling at from \$5 to \$12 per acre. In conversation with Mr. Scharff, who has been all over this land many times, having lived in Colorado for years, he tells us that this is not the irrigated land, but that they have sufficient rainfall and that the crops are excellent every year, being able to raise alfalfa and all other good crops. Any reader of our paper who is contemplating a trip to Colorado should read this advertisement carefully and then write for full information, as it is a rare opportunity to get a free homestead in a good country. Kindly mention this paper when writing.

PURE SCOTCH AND SCOTCH-TOPPED CATTLE.

The grand herd of pure Scotch and Scotch-topped Short-horns owned by Mr. E. J. Hays, of Hampton, Neb., are worth many dollars to this gentleman. Mr. Hays has one of the best herds of Short-horn cattle owned in Nebraska. His herd is as uniform a lot as you will find and many of the cows in the herd are worthy candidates for honors at the best shows. We took special notice of a few pure Scotch cows in the herd. This type is hard to find in any herd. Mr. Hays holds a Short-horn sale on October 31st. On that day he will offer forty head of the good ones out of the herd of seventy-five. Of these, twelve will be good strong bulls and the balance will be matured cows and heifers. About fifteen cows will have calves at foot by sale day. The sale will also be made strong by the addition of some good pure Scotch cows and heifers. The Hays herd is worthy of any man's notice and the class of cattle bred by this gentleman will add to the good herds of this breed. We will say that the cows going in this sale are equal to some of the cattle that have been demanding the highest prices. Watch for the sale announcement and try and make arrangements to attend same.

FREE PLOW TRUCK OFFER.

A remarkable invention for farmers' use, called the People's Wonder Plow Truck, is being introduced in different communities all over the United States by a free offer that is within the reach of every reader of this paper. The People's Wonder Plow Truck is a device attaching to the beam of any kind of walking plow, and is so constructed that one wheel travels in the furrow, the other on the unplowed ground, and thus automatically guides itself. It is so regulated that it will plow any depth desired and keeps this uniform depth without the plowman guiding the plow or even holding his hands on the handles. The only work of plowing, therefore, is in driving the team and turning the plow at each end of the field. In turning, the plow is as easy to handle as a wheelbarrow, the truck acting as a pivot just as the wheel of a wheelbarrow does. By the addition of this device to any plow, a boy of ten years can do as pretty a piece of work as the most experienced farmer, and many readers have written that by this means they save a dollar a day on the cost of farm help in plowing. In writing for the free offer, address People's Supply Company, Dept. E, Kansas City, Mo. If you mention this paper you are sure to get most courteous treatment at the hands of the People's Supply Company.

A REPUTATION WELL EARNED.

Among the noted Duroc Jersey herds of the middle West none have contributed more to the upbuilding of the breed than has the one owned by Messrs. Fagan, Browning, Hess & McCabe, of Hersman, Ill. Mr. Al. Fagan has been breeding thoroughbred stock for some years and it has been a most profitable business with him. During the past three or four years he has turned his attention to the Duroc and by careful selections of breeding stock has been able to build up a very good herd and from which breeders can rest assured they will find nothing but good stock. When the above named firm was organized he cast his lot with it and the remarkable sale held on February 2d of this year is certainly evidence that his judgment was not misplaced. Mr. H. E. Browning needs no introduction to Duroc Jersey breeders. His father, Mr. J. M. Browning, was one of the pioneer Duroc breeders. If the memory of the writer serves him right the fourth Duroc Jersey advertisement which appeared in these columns was that of Mr. J. M. Browning. After Mr. Browning, Sr., closed out his noted herd, and it might well be said that many of the most prominent prize-winning boars and sows of the past few years, including Ohio Chief, trace directly to this herd—Mr. H. E. Browning started on his own hook. It was a long, hard pull for this young man,

but his determination to succeed and backed by an untiring energy have placed him in the front ranks of America's Duroc breeders. A clever showman, expert judge, successful feeder and an invaluable knowledge of the breed have fitted him for his life work in a manner seldom equaled by anyone. Mr. John Hess has been for some years associated with thoroughbred stock, and his successful breeding operations are the result of careful selection and proper mating of his foundation stock, coupled with proper additions to his herd from the best herds in the middle West. Mr. Jas. J. McCabe, the last, but not the least, member of this firm, has demonstrated his ability as a breeder of Duroc Jerseys. At the Illinois State Fair last year in strong competition he won first on boar under six months on Ambition, pronounced by competent judges to be the best grandson of Tip Top Notcher living today. This boar headed the litter which won first as produce of sow, second as young herd and second as young herd bred by exhibitor. Such a record is an enviable one. It is doubtful if four breeders can be found who are more adapted to this kind of work than are Messrs. Fagan, Browning, Hess & McCabe. The brood sow sale on February 2, 1906, resulted in an average of \$116.48 on the entire offering, the highest average ever made east of the Missouri river and up to that time the highest average of the breed. This firm also established a new record for brood sows, Helen Blazes III, selling for \$1,000, and the record for litter has never been equaled, Helen Blazes III, I, IV, and V selling for \$1,910. The dam of this litter has a nice litter of five out of eight by Tip Top Notcher, farrowed September 20, 1905, and a spring litter of nine farrowed March 18th by Tip Top Notcher. This makes a total of fourteen pigs that this firm have now of exactly the same breeding as the high-priced litter. This firm have four litters by Tip Top Notcher 20729; several by the great herd boar, Red Express 39519; several by Golden Echo 41183, and litters by the following great boars: A Top Notcher Chief No. 1, a direct descendant of Ohio Chief; Up-To-Date 36435; Proud Advance; Hanley; Double Track; Chic's Chief; Roland C.; Nasb's Model; Keep On; S. R. Advance; Col. Advance, the two latter by Proud Advance; and last but not least, a litter by Mayor Jr., winner of first at Illinois in 1905. The herd boars in use are Red Express 39515; A Top Notcher 28723; The Lad For Me 10733 (A); Golden Echo 11183; and Up-To-Date 36435, the latter being fourth prize winner at Illinois in 1905. The Lad For Me won first in the Missouri money at the St. Louis World's Fair and is a direct descendant of Lucy Wonder, champion sow at the World's Fair in Chicago. A Top Notcher is by Tip Top Notcher, champion at the World's Fair in St. Louis. Red Express is by High Notcher and be by Top Notcher 8803 (A). He is a show hog and a breeder of strong, large litters and is bred in the purple. Golden Echo is by Gold Cloud, champion at Illinois in 1904, and is also a grandson of Echo King 8671 (A), who sired Wilda, the champion sow at Ohio State Fair, 1905, selling in Mr. Nidlinger's sale for \$380. Up-To-Date is a direct descendant of Orion and some of the best hogs of the breed in the East. They have in their herd the blood of Tip Top Notcher, champion at World's Fair, St. Louis; Hero, champion at World's Fair, Chicago; and in Lucy Wonder XXI, they have one of the few living daughters of Lucy Wonder, the champion sow at Chicago. They have the blood of the reserve grand champion boar at St. Louis, Ohio Chief; they have the blood of Top Notcher Chief Jr., champion and reserve champion at St. Louis; the blood of Advance, Nebraska Belle, Fashion Boy, also have one of the very best sows ever sired by the great Buddy K. IV., the champion of Illinois, 1905, and a great sow of Gold Finch and Oom Paul breeding. The blood of Longfellow, Tom Wonder, Ora Wonder, Orion, Orion II, Sensation, Condo C., Goldie's Top Notcher, Improver II, Missouri Wonder, Best of Top Notchers, Kantbeate and others. Concerning the stock on hand and the future plans of this firm, Mr. H. E. Browning writes: "The Lad For Me 10733 (A) at head of herd, first in Missouri money world's fair, St. Louis; sire of the tops at two of the sales of G. W. Seckman; sire of the dams of the pigs Mr. Seckman won on at world's fair; sire of some of the very best sows in the Seckman herd; sire of Helen Blazes 4502, dam of Helen Blazes II 90640, the \$1,000 gilt and the four gilts selling for \$1,970 in our February 2d sale. We cannot say too much for The Lad for Me. As an individual he is not a large hog, as he would not weigh over 800 pounds in show shape. He is heavy-boned, up on toes, good ham, well-sprung rib, good back, fine head and tip ear, with a bright, prominent eye, good cherry color and extra good disposition. As a sire he has earned his spurs and The Lad For Me breeding is respected by all. We have about 200 head in herd and several sows yet to farrow. We bought eighteen head of choice sows on the sale circuits this winter and have added new animals of great individual merit and of prominent families. We are in shape to furnish our old customers with new blood and we are ready to deal with them in the same old satisfactory way to parties who have never dealt with us and our way of doing business we wish to say we deal as man and man should deal together. If you should favor us with your order, or better yet, visit our farms and make your own selections, you will find that our chief aim is for everybody to get their money's worth. If in need of a pig of our famous breeding write us. We will tell you what we have and if it's not what you want there is no harm done. We are in business to stay and will do business in such a manner that we can stay. Our reference is the best breeders with whom we have done business. The breeder's verdict as to the quality of our stock at our February sale was an average of \$116.48 on the entire offering. Our aim is to improve the quality of our stock so that breeders will continue to have a high estimate of our herd." Look up the announcement on page 23 of this issue and plan to visit this firm if in need of good stock, or write at once for descriptions and prices, kindly mentioning this paper.

EACH TUESDAY THIS YEAR

THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dol-

OHIO CHIEF 8727

THE GREATEST LIVING DUROC-JERSEY SIRE

OWNED BY

R. J. HARDING, Macedonia, Ia.

O. E. OSBORN, Weston, Ia.

PUBLIC SALE, OCTOBER 3, 1906.

At which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.

PUBLIC SALE, OCTOBER 4, 1906.

At which time I will offer a grand lot of Ohio Chief boars for sale.

lars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ANOTHER "HISTORIC EAST" PARTY.

From July 31st to August 31st the F. & L. Excursion Company will conduct another party from Des Moines to Chicago, Detroit, Buffalo, Niagara Falls, Toronto, Lake Ontario, Thousand Islands, St. Lawrence River, Montreal, Quebec, White Mountains, Portland, Boston, Plymouth Rock, Newport, New York, Hudson River, Philadelphia, Washington and Deer Park. Stops at all of above points from few hours to five days. Total expense of trip, including transportation, berths, hotels, meals and side trips, \$155. For full particulars and itinerary, address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

\$3.00 TO KANSAS CITY AND ST. JOSEPH.

On July 14th the Chicago Great Western Railway will have a popular excursion from Des Moines to St. Joseph and Kansas City at the very low rate of \$3.00 for the round trip. Special train leaves Union Station Saturday night at 10:30, July 14, 1906. Special coaches reserved for ladies and their escorts. Sleeping car rate \$1.00 per berth. Make berth reservations early and those not desiring berths will be more comfortable if they call and secure seat checks. E. J. Sawyer, C. T. A., 514 Walnut street, Des Moines, Iowa.

EXCURSIONS

on July 6th and 27th to Chautauqua Lake, N. Y., and return at \$14, good thirty days, and daily June 1st until September 30th at \$20 via Erie Railroad from Chicago, stop-overs also permitted on all tickets to New York, Boston, Niagara Falls, etc. Apply to your local ticket agent or J. A. Dolan, T. P. A., 555 Railway Exchange, Chicago, Ill.

POPULAR EXCURSION TO TWIN CITIES.

The Minneapolis & St. Louis Railroad will run their next popular excursion to Minneapolis and St. Paul, Saturday, July 14th. Train will leave Des Moines at 9:05 p. m. Round-trip rate only \$4.50. Tickets will be good for return on any regular train until Tuesday morning, July 17, 1906. Call on your agent for further particulars.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y., until December, 1906, to authorized homeseekers points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

POPULAR EXCURSION TO TWIN CITIES.

The Minneapolis & St. Louis Railroad will run their next popular excursion to Minneapolis and St. Paul Saturday, July 14. Train will leave Des Moines at 9:05 p. m. Round trip rate only \$4.50. Tickets will be good for return on any regular train until Tuesday morning, July 17, 1906. Call on your agent for further particulars.

ST. PAUL AND RETURN.

On July 24, 25 and 26 the Chicago Great Western Railway will sell round trip tickets to St. Paul and return at rate of one fare plus fifty cents, account of the Biennial Saengerfest of the Saengerbund of the Northwest. Complete information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

VACATION EXCURSIONS

to Canadian, northern New York and New England points at greatly reduced rates via Michigan Central, "The Niagara Falls Route." For complete information call on or address L. D. Heuser, general western passenger agent, 236 Clark St., Chicago, Ill.

FISHING AND CAMPING.

Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

ONLY \$4.50 TO MINNEAPOLIS AND ST. PAUL AND RETURN.

On the Minneapolis & St. Louis Railroad popular excursion Saturday, July 14th. A fine chance to visit the Twin Cities at a low rate. Ask your agent about it.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of

"The Wonder City"

You will thoroughly enjoy the quaint picturesqueness of

Eldorado Springs

The beauty of the surrounding hills and green forests, and the tranquil atmosphere of the whole place will suit you exactly if you seek a quiet ideal place for a vacation trip.

Since the discovery of the now famous Springs thousands have received benefits from the healing waters, and have gone away eloquent testimonials of their curative properties.

To induce you to go

Exceptionally low rates will be in effect during the summer season.

For particulars about train service, etc., write

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each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

LOW RATES TO SAN FRANCISCO AND LOS ANGELES.

Via the North-Western Line. An excursion rate of one first class limited fare, plus \$2.00, for round trip, will be in effect from all stations June 25th to July 7th, inclusive, with favorable return limits. Three fast trains through to California daily. "The Overland Limited," electric lighted throughout, less than three days to San Francisco. "The Los Angeles Limited," electric lighted throughout, via the new Salt Lake Route to Los Angeles, with drawing room and tourist sleeping cars. Another fast daily train is "The China & Japan Fast Mail" with drawing room and tourist sleeping cars to San Francisco and Los Angeles. For itineraries and full information apply to agents Chicago & North-Western R'y.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of Twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory which are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific R'y., and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

Why should not the farmer use philosophy in examining machinery as well as the professor in studying nature or books? Turn to page 5 and try it.

Classified Advertisements.

Advertisements are inserted in this Department at the low price of 3 cents a word each insertion for Poultry and Live Stock announcements, and 5 cents a word each insertion for Land and other advertising, cash invariably to accompany the order. No single insertion for less than \$1.00. No display type or illustrations admitted under this heading. Each number and initial letter counts one word. Guaranteed circulation, over 75,000.

DOGS.

SCOTCH Collie Pups. They are beauties. Males \$8, females \$5. Pedigree with sale. Order at once, or write me about them. S. W. Harr, Riverside, Iowa.

POLAND CHINA HOGS.



MATCHLESS PERFECTION.

30 FALL BOARS 40 SPRING BOARS

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy and Correct I Know. Write us at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.

THE JOE YOUNG HERD POLAND CHINAS.
25 FALL BOARS (Great big lusty fellows. Sired by Mass Chief, My Price, Matchless Perfection Jr., Oakland's Prospect, T's Tecumseh) 50 SPRING BOARS and Perfect, a grandson of Corrector. We can fill your order. Address,
YOUNG & DUNCAN, MADISON, NEBRASKA.

200 March Pigs. Highest Average on Polands in the State
WAS made at my last sale—50 head average \$56.68. In service are Oakland's Prospect, Chief Enterpriser and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.
Chas. M. Hulbert, The Hog Man, Oakland, Neb.

The Home of the Two Greatest Poland China Boars
PRINCE ALERT and SPELLBINDER
150 PIGS sired by Prince Alert, Spellbinder, Perfection E. L., Keep On and Chief Perfection 2d. We are now quoting prices on herd headers. We not only have the winners but we have the making of winners. Come and see us. **W. J. HANSON, D. H. BLACK, M. GAFFEY, Holtbrook, Iowa**

10 EARLY spring and a few choice February and March Poland China boars for sale. Weigh 200 lbs. or better, with plenty of bone and good enough for any company. The blood of U. S. Chief Perfection and Chief Tecumseh 2d predominates in all of the above boars offered. Address, **F. H. Wieneke, Marion, Iowa.**

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CHOICE HEREFORD COWS AND HEIFERS FOR SALE.



Beau Brummell 4th 194318 at 10 months.

COWS bred to or have calves at foot by Beau Brummell 4th, the greatest herd bull in Iowa. Will make attractive prices to early buyers. 5 choice bull calves, herd leaders; will keep until weaned. Visitors will call at O. W. Way & Son's Hardware store in New Sharon where free courtesy will take them to farm. For particulars address, mentioning this paper.
G. W. WAY & SON, NEW SHARON, IOWA

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Ausiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, **J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.**

RECORDED HEREFORDS.

I HAVE rented one farm and have moved all my Herefords on the home farm. I have 20 bulls and 20 heifers and young cows more than my pasture will carry. In order to reduce them I will sell very low until sold. A new cattle dipping tank for sale at a bargain. **W. W. Wheeler, Box 11, Harlan, Ia.**

REGISTERED HEREFORDS.

RICH in blood from the best families of the breed. Twenty bulls and a number of heifers for sale. Fine individuals. Prices low. Inquire of **A. Sewell & Son, Waverly, Iowa. R. H. Sewell, Manager.**

BULLS FOR SALE! BULLS REGISTERED HEREFORDS! B. F. CLARK, ALBIA, IOWA.

HEREFORDS

10 BULLS, 25 cows and heifers at bargain prices to quick purchasers.
Edmonds, Shade & Co., Kingsley, Iowa.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.
H. C. CUNNINGHAM, WESTON, MO.

CHEAP R. R. RATES VIA M. & ST. L.

Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays to Montana, Washington, etc., at one fare plus \$2.00.

Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.

Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.

For particulars call at the M. & St. L. ticket office, 512 Walnut St., Des Moines, Iowa.

ONLY \$4.50 TO MINNEAPOLIS-ST. PAUL AND RETURN

On the Minneapolis & St. Louis Railroad popular excursion Saturday, July 14th. A fine chance to visit the Twin Cities at a low rate. Ask your agent about it.

POLAND CHINA BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE, IOWA STATE COLLEGE, AMES, IOWA

40 Poland China Sows

AGED and tried sows, fall yearlings and spring gilts, all bred and safe in pig to Chief Perfection 1st 48029, Challenger 81225 and Prince Charming 93281 no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice late boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old.
J. L. Slick & Son, Lanark, Ill., on C. & M. & St. P. R. R.

FOR SALE.

10 CHOICE old sows, bred to Iowa Perfection 10 102717 to farrow from July 20 to Sept. 10, will weigh from 300 to 500 pounds and heavy bone.
George Regennitter, Bennett, Iowa.

10 GOOD FALL BOARS I will price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. **Geo. E. Patch, Blandville, Illinois.**

ESCHER'S BIG POLAND CHINAS.

Will be ready about July 15 to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.

E. F. Escher, Manning, Iowa.

LEST YOU FORGET.

WE are booking orders for Poland China spring pigs to be shipped in August. They are sired by 7 great boars and out of dams that are as good as grow. Write describing your pig and price.
A. C. LANHAM, BATTLE CREEK, IA

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.

DR. H. PRITCHARD, - WISNER, NEB.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Ueenda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Hooth, Danbury, Iowa.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of John's Chief, King Dodo, and Blain's Tec. Everything guaranteed a breeder.
Robt. J. Peckham, Pawnee City, Neb.

Choice Lot of Spring Boars for Sale. POLAND China pigs sired by Duke's Wonder by Nemo L's Duke. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall.
Geo. J. Schmitt, Sutton, Nebraska.

THE large, roomy Poland Chinas. My herd of Poland Chinas are of the average homebred type. Pig crop very fine. Major M. by Blain's Tec, at head of herd. A 900-pound boar that breeds his type. His get are ready sellers. Will have some extra good boars. Pigs very promising. Write your wants. Address, **J. R. Triggs, Dawson, Nebraska.**

WALNUT GROVE Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. **H. S. Chapman, Pawnee City, Nebraska.**

FOR SALE some bred sows and gilts for August and September farrow. Also early spring and fall boars all from leading strains. Good individuals with plenty of bone. These are bargains for anyone. Everything as represented. Priced so any farmer can safely buy them. Address, **C. C. Drake & Son, Terre Haute, Illinois.**

When writing to advertisers please mention this paper.

JERSEY CATTLE.

JERSEY CATTLE

WE OFFER YOUNG BULLS FROM TWO TO EIGHT MONTHS OLD. All of same strains as those on which we won 21 firsts and 35 other prizes this year at Iowa, Minnesota and Sioux City Fairs. If you want milk and butter Jerseys at prices within the reach of all write us.
HUNTER & SMITH, BEATRICE, NEBRASKA.

ABERDEEN ANGUS CATTLE.

PLEASANT GROVE STOCK FARM
THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, **Dundug, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.**

10 Angus Bulls 10

For Sale

10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS, GREYSTONE PRIDES and other females by such sires as **BLACK JAM 3D 30709, IMP. ABERLOUR 41201, BELL'S ECLIPSE 3D 57424, QUOQUE 46102, LEON ARTIST 33619.**

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to **O. D. WRAY, Bloomfield, Iowa.**

Seeley Doddies

BLACKBIRD the first prize yearling bull at the World's Fair heads the herd, composed of the best families of the breed. We invite you to see them on Springdale Stock Farm joining this city.

W. B. SEELEY, Mount Pleasant, Iowa.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, **Maple Hurst Proteros 47351, Hale Lad 2d** and **Gardner's Pearl Rosegay 52637.** Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

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W. A. LANG & CO., GREELEY, DELAWARE COUNTY, IOWA

—IMPORTERS AND DEALERS IN—
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH AND STANDARD BRED STALLIONS.

WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all the best in their class. Colors, all bays, blacks and dark grays. No old worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write

Greeley Horse Importing Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 18x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT, GREELEY, IOWA.

FOR SALE.

MILFORD STUPE of Prize Winning Percherons. High class young stallions for sale at all times. Our horses are all grown in the blue-grass pastures on our own farms near Ames, the seat of the Iowa State College. In point of breeding and individuality they are the equal of the best imported stock, having won high honors in competition with prize winners of Europe. Buy a Money Maker, an American-bred horse—one that is acclimated—one that you won't have to carry at a loss for two or three years to find out whether he is a breeder or not. Long time and easy terms to responsible parties. Address **S. B. FREY, Nevada or Ames, Iowa.**

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr. ROCK RAPIDS, IOWA.

Lone Retreat

LAWSON, - MO.,

OLDEST Jack Farm in the United States, has for cash sale reasonable, 30 registered black mammoth jacks and jennets. It was Ray's jacks that sired the greatest number of big mule winners at the World's Fair, St. Louis.
J. C. Ray, Proprietor.

FOR SALE 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, **Bilho & Van Patten, Creston, Iowa**

PERCHERON AND SHIRE STALLIONS AND MARES. Prices from \$200 to \$500. **E. FUGER, CRESTON, IOWA.**

IOWA ABERDEEN ANGUS CATTLE.

IF Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones. **Pride, Queen Mother, Favorite, etc.** Our herd bull, **Froud Blackcap 29946**, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice cows and heifers cheap. Twenty years breeders of Doddies.

ALLEN BROS., NEW SHARON, IOWA.

FOR SALE

ABERDEEN Angus cattle of all ages at farmers' prices. **Rosegay Lad 70259** at head of herd. Can ship over three roads. Address,

JAMES SPEAR, STANWOOD, IOWA.

10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old. Will sell at farmers' prices. \$100 gets a good bull. **Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc.** Address,

JOHN E. GRIFFITH, WASHINGTON, IA.

(Mention Homestead.)

ROSENGIFT HERD ABERDEEN ANGUS.

QUALITY Laddie and Kellor Victor 3d heads herd. Cows in calf, young bulls and heifers for sale. Farm near town. We will treat you fair. Write us.

Rosenfeld & Siverly, Kelley, Story Co., Iowa.

12 Head Aberdeen Angus Bulls For Sale Of the Blackbird, K. Pride, Trojan Erica and Queen Mother families ready for service. Will be priced right. Herd headed by **Prince of Plisen 59249**, weighing 2020 lbs. and as active as a cat, sired by Crane-wind Black Knight 39477 sold at the Miller sale for \$2,000. Address, **WHITE BROS., PERRY, IOWA.**

Pleasant Hill Herd of Aberdeen Angus. STOCK for sale of both sexes, sired by the great **Pride bull, Baltimore of Glendale 24275.**
J. Nissen, Meservey, Cerro Gordo County, Iowa.

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred **BELGIAN DRAFT HORSES.**
Henry Lefebure, Linn Co., Fairfax, Ia.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. **A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.**

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. **Hart Bros., Osceola, Iowa.**

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. **Oak Lodge Minister 5th 1855 and O. L. Finsler 6443**, two imported boars and **Hannover Emperor 7038** at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

Large Yorkshires

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Ad., **Thomas H. Canfield, Lake Park, Minn.**

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa

SPECIAL ANNUAL Niagara Falls, N. Y., Excursion, THURSDAY, AUGUST 16, 1906, VIA

BIG FOUR ROUTE

New York Central Lines.

RATE \$3.50 for the round trip from Peoria. Return limit twelve days, including date of sale. Stop over will be allowed on the return trip at Westfield, for side trip to Chautauque Lake points. Tickets will be honored on C. & B. Line steamers in either direction between Cleveland and Buffalo. Side trips to Toronto, Thousand Islands, Montreal, etc. Special first train of first class coaches, standard and tourist sleepers, will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America; Ohio Chief 11, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Percy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24, although I have received tempting offers for them at private treaty. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd from Gold Dust herd. Address,

GEO. W. SECKMAN, RIPLEY, ILLINOIS.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 5393; dam Rose Bird 50188 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King 11 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King 11 is Lou Dillon 109830 by Orion, dam Cherry Blossom 11 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29161, by King Perfection 18235; dam Paulina Queen 11 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from us good lot of sows can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH,

HAMBURG, IOWA.

HICKORY HILL DUROCS.

A FEW extra good, full gilts bred to Double Track and Fashion Boy for summer farrow, for sale at reasonable prices.

E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

DO YOU NEED A BOAR OR SOW?

WATT & FOUST, of Cedarville and Xenia, Ohio, proprietors of Cedar Vale and Miami Valley farms, the home and birthplace of more world's fair Champion Duroc Jerseys than all others combined, can furnish a number of full pigs, both sexes. The blood of Top Notcher 23335 and Kant Be Beat 28067 predominate. This is the blood that tells in the show yard, the sale ring and feed lot. Boars in service, Kant Be Beat (world's fair prize winner), I Am Perfection, Golden Rule, Veribest, and Top Notcher's Last. Are now booking orders for fall pigs of either sex. Write for prices and descriptions, mentioning this paper.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON,

HENRY, ILLINOIS

CRIMSON WONDER I AM

SOWS and gilts bred to this great sweepstakes boar for fall farrow. U. G. Davidson, Manson, Iowa.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Eds. Sow sale February 25. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS,

GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. Stock reserved for public sale August 8.

J. D. NIDLINGER,

DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

Is a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Cogdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address.

Phone F-936.

THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

Maple and Lawnsdale Duroc Jerseys,

HOME of Big I Am, Veribest and Proud Advance. 100 little fellows have arrived and we are booking orders for pigs. They are sired by such noted boars as Big I Am, Tip Top Notcher, Perfection, Chief and several other herd boars. Have a few fall males left. White Wyndotte and White P. Rock eggs for sale from pens scoring 94 points and better. Also Scotch Collie puppies. Come spend a day with us and see what we have; free delivery. Fall sale Oct. 26. Bred sow sale, Jan. 29, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

L. E. Thomas, Golden, Ill., R. E. Hogsett, Iowa. Prairie, Ill. Ambition 37641, first prize boar Illinois State Fair, 1905, heads herd. At 15 months of age weighs 500 pounds after doing heavy service. 300 spring pigs, the get of such noted boars as Ambition, Tip Top Notcher, grand champion boar at World's Fair; Big I Am, first prize boar at Illinois State Fair, 1904; Kruger Again, Buddy R. IV, champion boar at Illinois State Fair, 1905, and other noted prize winning boars. Our pigs stand on best feet and legs. We are now booking orders for spring pigs. Stock guaranteed as represented. Inspection invited. Correspondence solicited. Address, Thomas & Hogsett, Golden, Illinois.

JOHN M. MORRISON & SONS' HERD OF DUROC JERSEYS.

HIGHEST auction average. Owners of the celebrated sweepstakes show sow Bessie H. and the sensational Alx 11. Many other prize winning and producing sows among which may be mentioned Miss Bob, Village Pride, Sutton Lady, Van's Lady, Lady Top Notcher, etc. Seven Ohio Chief litters growing. Six fall boars for \$25 each. Boar sale October 16, 1906.

COLLEGE VIEW, NEBRASKA.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

THE AUDITOR 34097 FOR SALE.

Sired by Orion 5293 and out of Kruger's Maid, the \$410 sow. He is 8 years old and a good breeder. Also two young boars, also sired by Orion. Will be priced right.

A. B. Ester & Sons,

Fremont, Neb.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN,

Odell, Illinois.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springville, Linn County, Iowa.

KRASCHEL'S DUROC JERSEYS

TWO extra good boars by Buddy T. he the sire of Buddy K. IV, first prize and sweepstakes boar at the Illinois State Fair, 1905, for sale at reasonable prices. Address,

Fred Kraschel & Son,

Macon, Ill.

CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address

W. J. S. Taylor, Hammon, Iowa.

DUROC JERSEY HOGS.

OAK GROVE HERD DUROCS.

W. W. Graer & Son, Props., Rushville, Illinois. WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger 11, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We cut closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906. Kindly mention Homestead when writing.

Oak View Durocs

HOME of Helen Blazes 111, the \$1,000 sow. I am offering for sale a choice lot of January boars sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. My price on best boar is \$100, the next best at \$75 and one at \$50. Am booking orders for spring pigs. J. COY. KOACH, GIRAUD, ILL.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,

A. E. POUSH, - - CHARITON, IOWA

40 Duroc Jersey Boars 40

CURED by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

CARSON HERD DUROC JERSEYS

110 PIGS, sired by Ohio Chief, Gentle Critic, Jim's Gold Dust and Miss Bob's Wonder. I have the tops this year. Write me.

W. A. Rankin, Carson, Ia.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired.

E. Z. RUSSELL,

BLAIR, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. E. A. Kruse, Waco, Neb.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf, Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.

W. J. East & Son,

Clay Center, Neb.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale, sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices.

H. B. GRIFFITHS,

BOWEN, ILL.

THE USEFUL TYPE OF DUROCS.

I AM making good prices on my spring boars. They are large roomy individuals. My herd represents the blood of Improver 2d, Higgin's Model, Jumbo Perfection and others of note. My fall sale will be October 20th. Will answer inquiries promptly.

H. G. WARREN,

INLAND, NEB.

Ten Choice Gilts

BRED to Junior Jim, 1st prize yearling boar at last Nebraska State fair, for April and fore part of May farrow. Better write at once as these won't last long. Will also sell Long Alx 34291 and Dandelion 25457. Austin Renshaw, Blair, Neb.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver 11, etc. Have a few fall pigs that I will price right. Write me.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, Americau Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

FAIRVIEW DUROCS

Am offering a few choice full males and gilts. Write me if you want good ones nicely bred.

J. B. DAVIS,

Fairview, Kansas.

Red Crimson Herd of Durocs.

I HAVE some good gilts of October farrow, that weigh 200 lbs. which are all right, that will be sold at reasonable prices. Some choice Scotch Collie puppies from trained parents. E. C. Norris, Dows, Ia.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$6 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

SUTTER'S growthy Duroc fall males got by Neb Wonder, he by Crimson Wonder are now ready to ship. Write me. Wm. Sutter, Liberty, Nebraska

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. S. J. Butts, Mason City, Iowa.

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BERKSHIRE SOWS FOR SALE

I HAVE 12 sows bred for fall litter, ranging in age from 10 months to 3 years for sale. Write me quick.

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A Choice Bunch of Red Cruickshank Bulls For Sale.

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ORANGE BLOSSOM, Brawith Bud, Queen of Beauty and Avalanche families. Farm telephone. M. E. SLEMMONS, R. F. D. 1, IOWA CITY, IOWA.

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WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the Imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

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GEO. BONEWELL, GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horn, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

SCOTCH BULLS

FOR SALE at reasonable prices, Royal Prince, three years old by Imp. Royal Robin; one two-year-old and one yearling by Baron Secret, herd headers and show bulls. Also a three-year-old Shire stallion of exceptional merit. Write for descriptions.

HENRY MATERN, LOSTANT, ILL. R. R. 13

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

F. H. WIENEKE, Marion, Iowa.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

4 Good Young Short-horn Bulls For Sale.

Sired by Victor Maple 203379 he by Grand S Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

WALNUT HILL HERD SHORT-HORN CATTLE

TWENTY-EIGHTTH annual public sale will be held Thursday, August 16, 1906. Catalogue of young bulls for sale at private treaty now ready. It includes the pedigrees of our choice string of young bulls among which are many of the best for herd headers and farmers and ranchmen, that will be priced well within their values. City office in People's Savings Bank. Farm 8 miles northwest of city, Clive Station, on C., M. & St. P. Ry. Telephone 523. Address, Flynn Farm Company, Rural Route No. 5, Des Moines, Iowa.

SCOTCH and Scotch topped Short-horn herd bulls 12-year-old Brawith Bud herd bull, 1 yearling Wimple bull. Both herd headers. Will sell or exchange my herd bull Wimple Royal 241460. Best bull I have used. I have too many of his sisters to use to good advantage. Also 5 extra good Scotch topped bulls at farmer's price. M.D. Yard, Crawfordville, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

A SMALL HERD OF SHORT-HORNS FOR SALE INCLUDING my Cruickshank herd bull Red Bud 145102, and 10 or 12 cows and heifers. These are bargains if taken soon. Write me quick. DELMAR McCANN, Kennard, Nebraska.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

Wildwood Short-Horns

ALL REDS AND DEHORNED

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Monrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to breed Sittytown Sort heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

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WE have seven head of choice bulls for sale. Two straight Scotch, five Cruickshank-topped. These bulls are from eight to fifteen months old. Solid reds, good individuals, big vigorous fellows. Will be priced cheap. Call on or address,

Ruebel Bros., Rockwell City, Iowa

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BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 208904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

Malaka Short-horn Bulls.

FOR Sale, If good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

Pike Timber Herds and Flocks

Short-horns, Shropshires, Poland-Chinas and R. C. Brown Leghorns.

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PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY SHOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 145880 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.

J. D. McDERMOTT, ANITA, IOWA.

CHESTER WHITE HOGS.

Model Herd Chester Whites

8 STRICTLY choice fall boars sired by All Right 11789, 75 spring pigs, March and April farrow. Sired by W. F. A. Model 12101, All Right 11789, Seductor 12387 and others of equal merit. If in need of something choice order early from the Model Herd. Guaranteed as represented. Am booking orders for spring pigs to be shipped when wanted. Ship C. O. D. and pay express. W. F. Hemmerling, Dike, Iowa

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City '05; Fisher Medium 11, best son of Fisher's Medium. 1st prize winner Illinois State Fair, 1905, and 14 good full borns by Illie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. 1, Neponset, Ill.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.

D. H. LEWIS, GENESEO, ILL.

SOLD OUT, BUT STILL IN THE BUSINESS

OF breeding Chester White Swine. Our best matured sows are bred for first of March farrow to such boars as Choice Goods 14735, Perfect Medium 13891 and College Teddy's Son 15333. If you want something good you will get it by sending in your order early. I ship C. O. D. and pay express.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN

I Am now offering boars that are rich in the blood of the champions Kerr Dick and Big Mary. It is the blood of this pair that made my December sale average \$49.35 and my April sale average \$64.95. Herd headers among these. Write me.

O. L. KERR, INDEPENDENCE, MO.

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Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock, Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Leux, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and eweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choicely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C., M. & St. P. and Rock Island Rys. Address,

G. W. Sharp, Marble Rock, Iowa.

SHORT-HORN CATTLE.

WOODLAND SHORT-HORNS

IMP. First in the Ring and Choice of the Ring bulls in service. Special inducements to buyers of females. Some choice young bulls for sale. Correspondence solicited. Address,

W. I. WOOD, Williamsport, Ohio.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, ILL.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil Klug. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAVIS & SON, HANLAN, IOWA

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice spring gilts bred. A few spring boars. Would sell my Scotch herd bull Archer 209427 by Imp. Golden Archer, dam Imp. May Blossom, by Prince of Archers. Also some nice bull calves.

C. F. ROBE, JESUP, IOWA.

WALNUT GROVE Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sired Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

ELM GROVE SHORT-HORNS

AND POLAND CHINAS. Lavender Viscount 2d heads our herd of Short-horns. A few choice Poland China fall males and gilts for sale. Write your wants.

ISAAC NOVINGER & SONS, Kirksville, Mo

Pleasant Dale Stock Farm. GEO. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farm.

When writing please mention this paper.

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CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.

N. A. KANCK, NIOTA, ILLINOIS

SANGAMON HERD O. I. C. SWINE

200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.

J. F. HALL, Mechanicsburg, Ill.

SOME CHESTER WHITE BARGAINS.

10 FALL YEARLINGS, 100 FEBRUARY, March and April farrows ready to ship. Our herd hog weighs 900 pounds now. These pigs are of the best breeding strains that money would buy. We ship on approval. Prices right.

E. L. NAGLE & SON, Deep River, Iowa.

OUR spring crop of Chester Whites representing 5 families, good as there is in the U.S., although few in numbers, are extra good in quality. Up to Aug. 1, we will ship C.O.D. and prepay express. 12 tall gilts, bred, for sale.

DIAPLELAWN FARM, W. M. Mercer, Prop. Aurora, Ill.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine, 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth heavy bodied type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

ROCKFORD herd of Chester Whites and O. I. C. Swine. I have a few yearling and tried brood sows that will farrow in June and September. These are choice sows. I am also billing orders for March pigs. Some exceptionally fine herd headers among the lot. Will price them worth the money. Write for prices, etc.

JNO. CRAMER, BEATRICE, NEB.

IMPROVED CHESTER WHITES

A FEW choice May gilts left. Bred to a first class boar. Prices reasonable. Address,

J. M. JANSSEN, SIBLEY, IOWA

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at former's prices. Herd Headers, Duke 4955, Frosty 13570, Snowdrift 12183 and others. Satisfaction guaranteed. P. E. Hankins, Sciota, Illinois.

200 CHOICE O. I. C. SPRING PIGS FOR SALE in singles, pairs or trios not akin. Bred for size and finish. Prices reasonable. Write your wants. Fisher Live Stock Co., Hastings, Neb.

7 O. I. C. male pigs of Jan. farrow, very lengthy. Also pigs of March and April farrow.

Chas. W. Nehergall, Davenport, Iowa.

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices. F. Ruebush, Good Hope, Ill.

CHOICE CHESTER WHITE MALE PIGS of April farrow from registered stock, R. I. Red poultry. M. A. Guinan, Webster City, Iowa.

POLLED DURHAM CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight N1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 1st prize at the Iowa, Nebraska and Kansas State Fairs this fall, including twenty-one firsts and ten sweepstakes.

L. G. SHAVER, KALONA, IOWA.

D. S. Polled Durham Bulls.

FOR SALE—4 dark-red blocky yearlings, at \$75 to \$100. One two-year-old herd bull, \$150. Cows and heifers bred or calves by side. Short-horn bulls 17 months old, \$75 to \$85. 2 miles northeast of city.

P. S. & S. Barr, Box H., Davenport, Iowa.

SPECIAL ANNUAL

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THURSDAY, AUGUST 2, 1906,

VIA

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H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.



VOL. LI. NO. 28.

DES MOINES, IOWA, JULY 12, 1906.

WHOLE NO. 2556.

BUYING OPEN OR BRED SOWS.

The following communication has been received from one of our subscribers, Mr. John Schowalter, of Johnson county, Neb.:

Swine breeders are now meditating the question of adding new blood to their herds, and the problem presents itself as to which is the better plan, that of buying bred sows or open gilts. In my experience better results have uniformly followed the practice of purchasing open gilts early in the fall. This gives one an opportunity to develop them according to his own methods. I have attended sales where I would have paid more money for certain sows had they not been bred, because in my opinion in these instances they were not properly mated. Then, again, other sows that I have taken a fancy to have often been bred to farrow at a time that did not suit my convenience. Because of these disadvantages I favor the policy of purchasing most of the females early in the fall.

What is said about the females is also applicable to the male. He is half the herd and the practice of selecting him early cannot be too highly commended. The early buyer has always the better choice, and if a man knows his business he would rather develop a male in his own way than to have some one else do it for him. This can only be done when he is purchased early.

The arguments advanced by this subscriber are worthy of the consideration of every man who expects to add either males or females to his herd this season. While, as a rule, one cannot always tell what the outcome of a pig will be until it is five or six months old, yet those that are shapely and have made good growth by the time they are four or five months old may generally be depended upon to hold the pace. If a breeder has hogs for sale he will without doubt, barring those that he intends to keep for his own use, send out the good ones first. This is based on the fact that it is his hope that a little more feed will bring the others up to a desirable standard. We have seen some very hard looking pigs at the age of three months make a good showing at ten months of age. At the same time we have no hesitation, if allowed to choose, in taking one that satisfied the eye at an early age.

Men sometimes hesitate to buy their male early because of the bother in keeping him. It is true that his care involves some labor; at the same time we are not sure but what one is well paid for his trouble. If a young boar is taken at an early age and put in a small yard where he has access to green feed, plenty of shade and if a barrow or two are allowed to run with him he will reach a better development by breeding time than if he is allowed to run with a big bunch of males. He will not only grow better, but he is apt to be more satisfactory as a breeding animal if taken away from other males at an early age.

ABOUT BOYS LEAVING THE FARM.

The July issue of the Century Magazine contains some data on the above subject, prepared by Prof. L. H. Bailey, director of the New York Experiment Station. A series of questions was submitted by Professor Bailey to several hundred students at Cornell University, his aim being to interrogate only those who were born on the farm. From the 155 replies received the following summary was deduced as to why these young men left the farm:

THE QUESTION OF FINANCIAL REWARD.

Farming does not pay; no money in the business.....	62
Difficult to acquire a farm without a start.....	10
Farming requires too much capital.....	5
Discouraged by the fact that farms are mortgaged.....	5
Farmer cannot control prices.....	2
The farmer buys high and sells low.....	1
High taxes near the city.....	1

Expect to farm some day, after making money in some other business..... 15

THE QUESTION OF PHYSICAL LABOR.

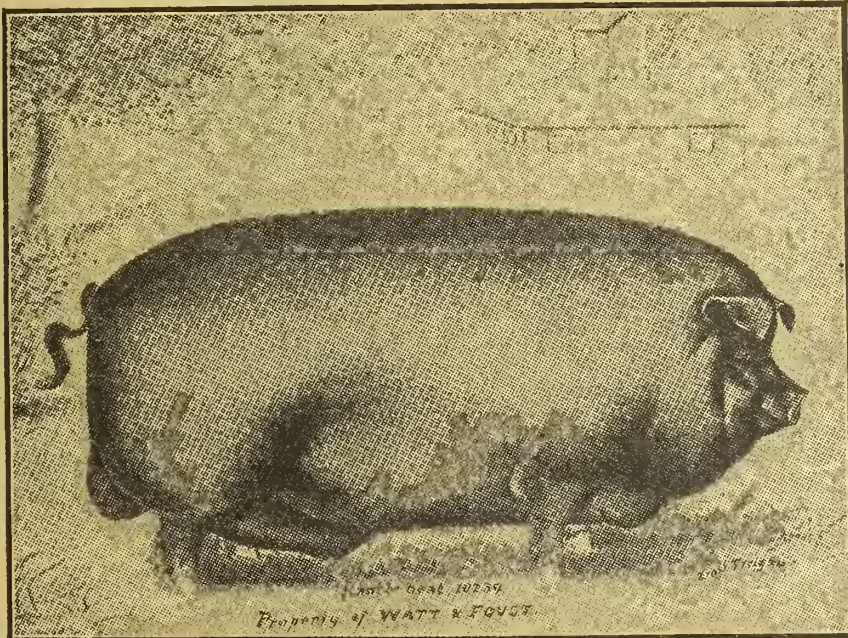
Too much hard work.....	26
Hours too long.....	17
Work too monotonous.....	11
Farming is drudgery.....	8
Work is unattractive and uncongenial.....	6
The work is not intellectual.....	6
No machinery can perform the hard work of the farm.....	2
The work is too hard in old age.....	1
The farmer is too tired to enjoy reading.....	1

SOCIAL AND INTELLECTUAL IDEALS.

No social advantages or activities.....	26
More opportunity for advancement elsewhere.....	14

that of making farm pay, we would say that it requires ability above the ordinary on high-priced land to realize a satisfactory profit on one's investment and on the labor put into the business. Regarding the social advantages of farm life it must be admitted that in the past there has been some handicap, but in the future this will be largely removed. The improvement of roads, the introduction of electric railways, and the telephone are going to bring about a material change in the social life of farmers.

As to the matter of hard work, it can



The World's Fair prize-winning boar, Kan't Be Beat 28067, formerly owned by Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, recently purchased for \$2,500 to head the well-known herd of Duroc Jerseys owned by Messrs. J. M. Morrison & Sons, of College View, Neb.

The farmer cannot be known in the world.....	5
Life is monotonous.....	4
The life is confining; no freedom.....	4
The association is with uncultivated people.....	3
The occupation is too narrow.....	3
The farm is isolated.....	3
Women are overworked on the farm.....	3
Farming is physical labor only.....	2
People have a low regard for the farmer.....	2
No higher and nobler achievement possible.....	2
No high ideals in farming.....	1
Education gave higher ideals and needs.....	1
College training unfit for farm work.....	1
Farmer cannot serve humanity.....	1
Farming has little excitement.....	1
Has come to know the city and likes it.....	1
Farmer has no political advantages.....	1

MISCELLANEOUS HANDICAPS.

Natural bent elsewhere.....	24
Parental influence against farming.....	6
Teacher influenced against it.....	1
Father was unsuccessful.....	2
The home was unpleasant.....	2
Health not sufficient for the work.....	3
Difficult to secure help.....	3

After submitting the table Professor Bailey refuses to comment on the import of the items contained therein. He says that the replies bring up many questions of public concern, for they have to do in a broad way with the position that the farmer occupies in the economic and social status.

It will be noticed that more of these young men have left the farm because farming does not pay than for any other reason. Next comes the item of hard work which is put forth as the reason by twenty-six of the number who responded. Because of social advantages or disadvantages of the farm twenty-six of the number have left it.

In regard to the first reason, namely,

only be said that labor on the farm, if intelligently pursued, is not more severe than labor in the city. Indeed, it has always appeared to us to be much less irksome owing to the variety, while the slavish element has been greatly lessened by the introduction of machinery.

It is not surprising that some sacrifices are called for from those who have the ambition to lead the independent life which the farmer lives. These sacrifices will not be so great in the future as in the past, though there are new and difficult problems to deal with. Nevertheless the prospect of owning an acreage of productive soil, the proper tilling of which will render you independent, will likely induce the proper percentage of our young men to stay on the land.

WEEDS AS ROAD-MAKING MATERIAL.

There is no more familiar sight these days than to see men in all parts of the corn belt working on the highways with graders building up the center of a road with a mixture of weeds, sods and soil. In a recent drive of nine miles made by a representative of this paper the roads on more than half the distance had been operated on some weeks before and the center piled high with the mixture named above; that is, weeds, sods and soil.

This subject comes up periodically, and we have in the past on a few occasions offended some of our good readers who happened to have something to

do with caring for the highways. We have no intention of holding up to ridicule the work of any skillful man, but we rather enjoy letting daylight into the bungler's methods.

The plan of going over the roads in the county with a heavy grader annually is stupid beyond any power of description. When this is done the work of one year simply means the undoing of the previous year's labor, and as a result such roads are usually in a constant state of unfitness for traffic. Our knowledge of good roads has come through practical experience and, incidentally, through the loss of much perspiration. Our conclusion as the result of this experience is that road-makers should aim to build a perfect piece of earth road each year. We realize that it is often necessary to employ makeshift methods in order to really make all roads in the county passable, and because of this it is not expected that the labor of the year will be put on a few miles of road. On the other hand, the general policy should be adopted of putting up substantial grades so that these may be kept for years to come by the use of such an implement as the King drag.

It is impossible to imagine a poorer kind of road material than weeds and sods, and yet, as stated above, you will often see the center of highways piled high with this mixture. When it becomes necessary to pile dirt in the center of the road those doing the work should take the time to mow, rake and burn all rubbish before starting the graders. When this is done it is then possible to make some kind of a decent job of leveling the surface when the work is completed, otherwise the traffic center simply becomes an ideal mud hole. Weeds soon decay, and as the result one has almost ideal conditions for the absorption of water. You have, in other words, humus-making material on the center of your road and such material, as everyone knows, retains moisture with a remarkable degree of persistency.

We believe that at this stage of the road question most highways may be looked after cheaply and effectively with the King drag until the opportunity presents itself to make a good grade. When the grade is made the drag should still be used, but under no circumstances should a heavy grader be used to disfigure a good grade after it is once put into shape. If the grader is used let the work be done at such a time when the material hauled to the center of the highway will not be composed of vegetable matter.

THE EFFECT OF THE NEW ALCOHOL LAW.

Some time ago we submitted a few inquiries to Mr. J. H. Allen, secretary of the committee on manufactures, which committee was formed to assist in securing cheaper alcohol for industrial purposes. In brief, Mr. Allen's reply is as follows:

In reply to your question as to how many gallons of alcohol a bushel of good corn would make, I would state that I am advised that the average yield in good dry corn is two and three-fourths gallons. This is alcohol of 180 degree proof, that is, 90 per cent alcohol and 10 per cent water, which has been found to be the strength which is best adapted for lighting, and motor fuel purposes.

In reply to your question as to the amount of alcohol produced from a bushel of potatoes, I would state that in the statement submitted by Secretary of Agriculture Wilson the figures are given that 20 per cent of the weight of the potatoes is obtainable as alcohol. In other words, at least two gallons of

alcohol should be produced from a bushel of potatoes.

As to the percentage of the total amount of denatured alcohol which would likely be produced the next few years from potatoes and corn, I would state that in my opinion much the larger portion of this alcohol would be made from corn, as at present relative prices it is cheaper for this purpose than potatoes.

I have no means of estimating the total number of gallons that will probably be made per year for the next five years after the law goes into effect, but judging by the experience of Germany would think that this country would use annually at least 50,000,000 gallons of alcohol for industrial purposes in the near future, and as the alcohol-using industries are developed should soon use much more than double that amount.

As to the probable effect of this law on the future price of corn, I would state that in my opinion the greatest benefit to the farmers from this legislation lies in the fact that for all time to come they are assured of a permanent market for all surplus corn at a profitable price; that is to say, that there would seem to be no danger of the price of corn at any future time falling much below forty cents per bushel, as at that price it will be profitable to convert it into alcohol, which keeps for an indefinite period, and can therefore be stored for any length of time.

While the farmers will be benefited by increased markets for their surplus corn, potatoes, beet sugar waste, and other products which may be utilized for making alcohol, they will also be greatly benefited by being able to use the untaxed material for lighting, heating, cooking and motor fuel purposes.

There is no question but that alcohol can be satisfactorily used for all these purposes, and we believe that American inventive genius can produce this material at a price which will enable it to compete with gasoline, kerosene, etc. Indirectly, the farmers will, of course, profit through the creation of new manufacturing industries giving additional employment to American workers, who, of course, will be enabled to buy more farm products of various kinds.

We have said repeatedly when the free alcohol bill was up for discussion in congress that this was one of the most important bills that has been before congress in recent years. This belief was based on the fact that there is a growing demand among farmers for a product like alcohol or gasoline to be used for power, heat and light. In the second place, we have frequently pointed out what Mr. Allen here calls attention to, namely, that one of the chief benefits that will be derived from the enactment of this law is the establishment and the maintenance of a new market for alcohol-producing materials. In the corn belt we are primarily interested in corn, and the consumption in the beginning of twenty or thirty million bushels of corn will have a noticeable effect on prices. It will bring more prosperity to the farmers of the central West and every student of affairs knows that real prosperity the country over begins at the farmer's door.

THE THEORY AND PRACTICE OF CROP IMPROVEMENT.

BY C. P. BULL, MINNESOTA EXPERIMENT STATION.

The average state yields of our field crops as a whole are abnormally and shamefully low, when we know that under good systems of farming it is possible to get sixty to 100 bushels of corn per acre; twenty to thirty of wheat; forty to fifty of barley; sixty to eighty of oats; twenty or more of flax, etc. To know this and examine statistics, it is ridiculous to find the average yield of corn to be below thirty-five bushels per acre; wheat below fifteen bushels; barley below thirty; oats below forty, etc. Certainly there are some mighty poor farmers in the land and a whole lot more that do not farm in the most profitable manner. If this is the case, we may ask ourselves—in what manner can we, practically and inexpensively improve the crops?

Crop yields may be improved in three ways, viz., by better cultivation and crop rotation, by applying manures and fertilizers, and by the use of better seed to keep up a high grade of inherited potency. While the breeders at agricultural experiment stations are doing much to improve the standard of our field crops, the field is not theirs alone. It is entirely within the power of every farmer to improve his crops by one or all of these methods.

By better cultivation is meant the better preparation of the land before seeding. The great majority of our farmers spend altogether too little time in preparing a fine, firm seed bed. In the corn belt and wheat sections this is especially true. Oats in the corn belt is more than half the time scattered broadcast from the tail end of a lumber wagon. The field is then disked or harrowed once. Corn stalks are standing everywhere (possibly to hold the oats up). The yields are not as much as the

farmer expected. The wonderful corn belt land is expected by those who have become rich from the fat of the land to produce a big crop under any circumstances. But the fat is fast disappearing. Higher prices of farm lands make it necessary to get larger net returns. The first few weeks of a crop of grain is an important period in its development. If the land is not plowed, disked and harrowed until it is fine and firm, no one need expect the best returns from his labor and seed. Broadcasting oats in standing cornstalks is slovenly. In connection with the better cultivation, comes the rotation of crops, a much discussed subject of the day. The better physical condition of the soil, ridding the land of weeds, better yields, etc., are items that should not be overlooked in arranging the different classes of crops in a systematic rotation.

The application of farmyard manures to our rich loam soils has been shamefully neglected. The lands are becoming depleted of humus and fertility. Some, especially in the East, have resorted to commercial fertilizers in maintaining yields, but a graver mistake could not have been made. Barnyard manure supplies the humus so necessary in the soil to keep it in good physical condition. Commercial fertilizers supply no humus, but on the contrary, deplete the soil's supply and are available only the one year in which they are supplied. Western farmers must not make the mistake the eastern farmers have made. Fertilizers must not be used to take the place of the barnyard manures. If manure is used in connection with clovers and grasses, in rotation, there need be, except in a few cases, no commercial fertilizers used in the West.

Better seed is the universal need of the farming of today. A very great improvement can be made in the farmer's yields by carefully grading the seed in a fanning mill, saving only the largest, heaviest and plumpest and most mature kernels. This, however, is not sufficient for the progressive farmer. He wants to use a more intensive method and get a correspondingly better grade and higher yield of grain. Yet he must not exceed the range of practicability. He must not neglect his regular farm work for the minor details of selective breeding that are so fascinating. In other words, he wants to go just so far in the work as to warrant a large measure of success. How, then, can this be done?

The solution is not a new one. The farmer who picks out enough ears of corn from his harvest, to get seed for the next year's crop has solved the problem. He has (in his way) selected the best individuals, just as the stock raiser has done, to keep up the variety or breed. This is well known to all corn raisers. But how can this be done with the small grain, oats, wheat, barley, etc? Again we have a case to cite to. Certain well-known and valuable varieties of wheat, (Hayne's Bluestem and Wellman's Fife) have been originated in that way. Oats may be greatly improved and better adapted to certain localities by selecting the best seed with the fanning mill. Plant these in a plot by themselves; when ripe, pick from this plot enough of the best looking, largest, best filled and most erect heads (panicles) to plant a small patch the next year. Use the best of the rest of the plot to plant the large fields. Plant the seeds from the selected heads the next year and select the best heads as before. Keep this up for a few years, each year planting a seed plot. Satisfactory and profitable results are sure to come. Several bushels increase per acre will come from such selection in two or three years. A man in Canada cleared \$40.00 per acre from his wheat simply because he had selected his seed stock in this way. Why can't a profit be realized by selecting oats and barley?

It is the individuality of the seeds and plants that must be observed, if satisfactory results are in the future to be realized from our staple crops. The man who gets in on the ground floor is first to succeed.

THE AMERICAN ROYAL SHOW.

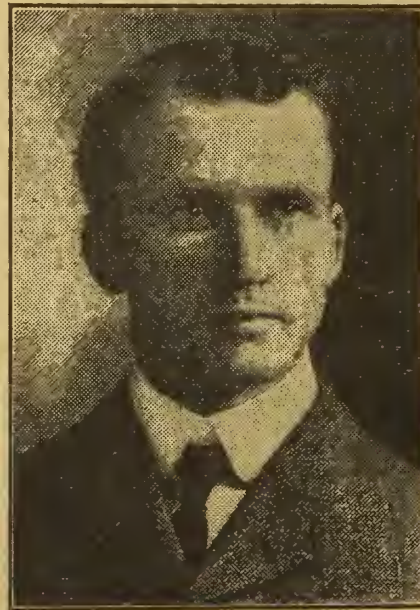
The preliminary classification for the eighth annual American Royal Live Stock Show, to be held at Kansas City, October 6-13, indicates that this year's show has been planned upon broader and more comprehensive lines than any of its predecessors. In addition to the features which have characterized this event in past years, there will be a large display of breeding swine, a contest for dual-

purpose Short-horns, and a students' judging contest. Some idea of the scope of this show may be obtained from the following summary of classes for which prizes are offered: Cattle Department—Breeding Herefords, Short-horns, Aberdeen Angus and Galloway; dual-purpose Short-horns; pure-bred and grade fat steers and heifers; car lots of fat and feeding cattle. Horse Department—Breeding Percherons, Clydes, Shires, Belgians, German Coachers and French Coachers; draft horses in harness; mules. Swine Department—Breeding Berkshires, Duroc Jerseys, Ohio Improved Chester Whites and Poland Chinas. Students' judging contest. The prizes in these various departments aggregate in number upwards of 1,000 and in value upwards of \$28,000.

AN EXPERT IN ANIMAL HUSBANDRY

Another addition has recently been made to the staff of the Iowa Agricultural College in the appointment of Prof. J. A. McClain as a member of the faculty in the animal husbandry department. It is the purpose of the trustees to enlarge the already extensive animal industry course by assigning to Professor McClain the work in "animal nutrition."

Professor McClain is a graduate of this institution and since his graduation has been connected with the Colorado Agricultural College. He is one of the farm boys who has succeeded in practical affairs. He has had unusual opportunities for investigation along sci-



J. A. McCLAIN.

tific lines and these have been fully utilized.

We commend the action of the trustees in strengthening this department of the agricultural college. The live stock interests of the state are constantly growing in importance, inasmuch as the supply of soil fertility can only be kept up by farmers adopting freely the plan of feeding their crops and returning the manure to the land. While much is being done to improve grain, at the same time no great advancement can ever be made unless due attention is given to the maintenance of fertility. A rich soil is half the battle and soils can only be kept rich where live stock is regarded as the basic industry of the state.

There never was a time when our farmers were more eager to acquire information about feeding animals, and it would seem to us that a very important work lies before this new professor. He will find a large field in which to exercise his superior talents.

DISADVANTAGES OF SHOOK THRASHING.

We do not assume that farmers of the corn belt need advice about when they should thrash their grain. Sometimes it is impossible to plan very far ahead about many forms of work, and this applies to the question of thrashing.

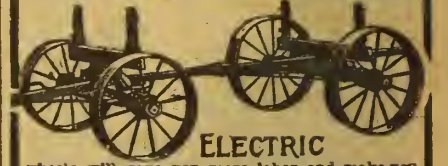
However, there are a number of disadvantages that might be considered connected with the plan of thrashing out of the shock as compared with stacking. In the first place it is necessary to co-operate in a more extensive way with neighbors in shock thrashing. If twelve farmers go in together on the deal it takes not only the men but also the teams away from home until all are thrashed out. In the other case, that is when grain is thrashed out of the stack,

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the teams are left on the farm, as only men are needed around the modern thrashing outfit. This gives an opportunity to do many things that might be neglected when the other plan is carried out.

Straw is in much better shape to use for bedding or for feed when it is stacked first in the sheaf, as compared with thrashing directly from the shock. Shock thrashing means that the work is done early, thus giving the straw stack ample time for saturation.

Grain is always benefited by being put through a sweat in the stack. In the case of wheat it may make a difference of a few cents a bushel. Where wheat is thrashed directly from the shock it usually takes on a more or less bleached appearance, and this impairs its quality for milling purposes.

The danger of getting caught and having a goodly part of the crop entirely spoiled by the rains is avoided if the time is taken during the dry, hot months to put grain into the stack. Of course were one reasonably sure of getting his crop thrashed without unnecessary delay, caused by waiting for the machine or by rain, the advantage of getting the work done up quickly might in some instances offset all the disadvantages. Nevertheless, on general principles, stacking is preferable to thrashing from the shock.

SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS.
Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until October 31st. Specially low rate round trip tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 15th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.

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Farm Furrows

Turned by a Practical Farmer.

A good season to raise hay often means a poor season to make it.

Making hay simply means making things hum while the sun shines.

If one wants to be happy and contented in the next world he will have to get in practice in this.

If men could only be made honest as easily as they can be punished for dishonesty, great good would come from it.

The corn grower seldom whines because the weather is too hot. A hot time these days means more corn in the crib.

Abc Martin says there is a girl in his neighborhood who is so thin that when she smiles her face disappears entirely.

It is most exasperating to attempt to fix a pump when the stock is standing around waiting and making things unpleasant.

When a merchant tells me he is selling his merchandise below cost I am afraid the deal is loaded and I watch him closer than ever.

Carriage horses just now are bringing good money. Those who want them are wealthy and will pay good values for something desirable.

Whenever the swinging motion of a hoe is made as popular as the swinging motion of a baseball bat, then boys can't be kept from the garden.

Trying to mow grass with a dull sickle is like trying to eat porridge with a fork. The works of gophers do not help any in keeping a sickle sharp.

All fence rows should be set to grass so as to keep down a dense growth of weeds. If weeds are allowed to grow it means that they will have to be mowed.

A berry grower caused all his berry pickers to wear muzzles so they could eat no berries and they struck. The strike was justifiable—the berry grower was a hog.

A ton of alfalfa hay cut a little on the green side of life is worth a ton of bran as stock feed. Clover hay cut at the proper time will be almost as good as the alfalfa.

A friend asks how to get rid of golden-rod. That is easy. I once got rid of this weed by mowing it and putting in a flock of sheep. One or the other, or both, killed all of it.

I recently saw a thrasher that had a straw cutter attached to the tail end of the separator which cut the straw up in small pieces ready for feeding, as the thrashing progressed.

It is about time for some newspaper writer to claim that quack grass is good for pasture. I have always considered it a dangerous weed and have no compromise to make with it at all.

Many farmers are thwarting the rat nuisance by placing concrete foundations under their cribs and granaries. The expense is a little more in the beginning, but there is a saving in the long run.

A bunch of wild horses in Oklahoma—said to be the last herd of wild horses in existence—gave up the chase the next day after the territory was admitted as a state. Could not stand civilization.

The man who never reads is incapable of doing much thinking, and he pits his muscle against the other man's business qualification brought about by thinking, and thus works on the short end of the doubletree.

Some writer in an eastern paper has taken the ground that a grindstone is short-lived and lasts from two to three years on a farm. I know that a grindstone is sometimes neglected, but I do not believe what he says at all. The grindstone I turned when a boy is still in commission and doing good service, and I am not a young man at all, for I have several grandchildren. There are many scores of grindstones in use that

ought to have been worn out many years ago, and more modern ones substituted.

The cut worm, like the "x" of algebra, is always the unknown quantity, and it is as hard to find him sometimes as it is to find what "x" in algebra equals. Let the scientists tell us how to get rid of this pest.

If your family has not had all the strawberries and garden truck their hides will hold, what has been the reason? These things are so easily obtained that one ought to be ashamed if they are not supplied.

Cows are often cheated out of a great deal of bovine enjoyment by being denied night pasturage. Most people feel that it is too much trouble to go after the cows in the morning, hence they are kept up in a dry lot.

The corn trade no more than recovered from drouth reports in June until it became attacked with a well developed case of denatured alcohol manufacture. Verily old corn looks good to the farmer who is in possession of it.

Sam says the easiest way to dispose of potato bugs is to procure two small cubes of hard wood, catch the bugs one at a time, place them on one cube and then press the other cube firmly on top of it. This is sure death to potato bugs.

The kicker can always find something to kick about. The man who was kicking a short time ago because we were not having warm weather is now kicking because the weather is so hot. It is strange that nature cannot temper the weather to suit the shorn goat.

Millers now complain that they are selling flour below cost. It is wonderful what wealth some men have piled up by selling things below cost. If the millers can make as much money at the game as the packers have by cutting up hogs at a loss, they will have no kick coming.

The production of cement has multiplied one hundred fold in the past sixteen years. It is now used in almost all kinds of building and any farmer who wishes to build durably should understand its merit. Any farmer can easily learn how to mix it and fashion it to suit his wants.

An eastern orchardist reports a very good sale of Ben Davis apples. He has ninety trees that have been set out nine years and last year he sold from them apples to the amount of \$421.75; his net receipts being \$388.33. These despised Ben Davis apples sold at from \$5 to \$5.75 per barrel.

Some of the very accurate writers are given a pain because western farmers insist on calling it dehorning. The correct writer says it is "dishorning." Whatever it is, it means removing the horns, and most farmers understand what that is. I still believe that the horns of cattle ought to be removed in infancy.

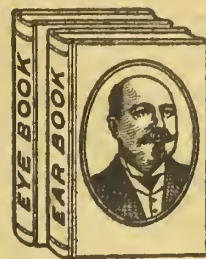
The hired girl problem is getting worse instead of better. Many girls seek employment in cities because the wages are larger and there are more privileges. They then marry city men, leaving country boys to find companions in city girls, who in turn will not live on the farm, and both boys and girls are lost to the farm.

Tramps do not take kindly to bread and butter. They desire something better, and a good way to get rid of them is to offer them bread and butter, and if they will not take that let them go without. A hungry man will be glad to get bread and butter. They will not often call at a place where they get this kind of a hand-out.

One thing about rural mail delivery has been overlooked by some. It cuts out a great deal of incivility of discourteous postmasters who get large salaries and perform few duties. Some of them act bored when asked for mail. Do not disturb the postmaster when in discharge of his duties, which consist chiefly of drawing his salary.

Recently Thomas A. Edison said he had at last discovered extensive deposits of cobalt, a substance which will permit the use of storage batteries without much weight. He now claims that the horse will soon be replaced. Yes, I remember that just eleven years ago this same man prophesied that horses would soon be curiosities in the streets. It is astonishing how many times the horse has been

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And those afflicted with Deafness or Falling Hearing, Ring, Head Noises, Ulcerated or Throat Disease, to write for my free 64-page book on Deafness and Ear Diseases.

These books explain how people afflicted with the above named diseases may cure themselves in five hours by following my advice.

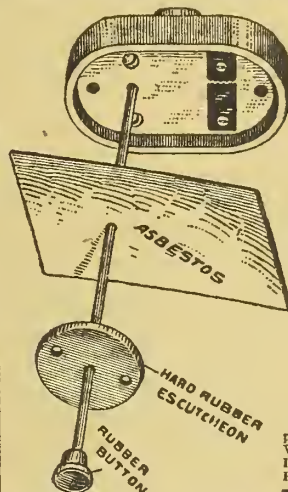
Are You Coming to the State Fair in DES MOINES, AUGUST 24TH TO 31ST? If You Are, Write for One of My Books.

I will send you a consultation card which will entitle you to free examination at my office during State Fair week. I usually charge \$5 for examination at office but that week it will be free.

I make no charge for consultation by mail. Write me for either book you wish and specify which book you want. Also write me a description of your case. I will send my opinion and book absolutely free.

CROSS EYES Straightened Quick. I will straighten any case of Cross Eyes during State Fair week for \$25. No matter how badly Crossed or how long they have been. I do it in five minutes without pain or chloroform. Write me. Address,

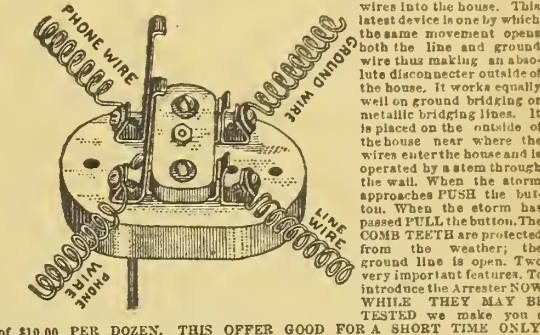
DR. W. O. COFFEE,
340 Century Bldg., Des Moines, Iowa.



J. W. Pedigo Arrester

Much study and experimenting has perfected the J. W. PEDIGO ARRESTER.

For years the telephone was not seen in many homes because of the fear of lightning following the line wires into the house. This latest device is one by which the same movement opens both the line and ground wire thus making an absolute disconnect outside of the house. It works equally well on ground bridging or metallic bridging lines. It is placed on the outside of the house near where the wires enter the house and is operated by a stem through the wall. When the storm approaches PUSH the button. When the storm has passed PULL the button. The COMB TEETH are protected from the weather; the ground line is open. Two very important features. To introduce the Arresters NOW WHILE THEY MAY BE TESTED we make you a



price of \$10.00 PER DOZEN. THIS OFFER GOOD FOR A SHORT TIME ONLY. Write to the INVENTOR J. W. PEDIGO, LUCAS, IOWA. He Will Send You A Guarantee.

Do You Want a Home in Kansas

"abolished" in recent years, and they are dearer now than ever.

In hauling up hay with a horse, if the horse is turned in a circle all the time, it will untwist or kink the hay rope. The driver of the horse should turn gee at one end and haw at the other turn, making a figure eight movement, and there will be no kinks put in the rope.

Some very horrible things have developed in the packing house investigations. It is awful to think about, but no one has said anything about the cow that feasts on the litter from the horse stable, or the chicken or pig that feeds after fattening steers. Oh, horrors! Just think of it, and the muck raker says not a word about such things.

Every now and then someone bobs up who claims to have discovered some means of controlling sex in breeding. Time usually shows that such men are mistaken. Many theories have been advanced, but nature still holds the secret and it is well enough she does. Things might be a great deal worse were man able to control sex in animal breeding.

A lady reader of this paper writes me the way she cans peas. The peas are hulled and washed clean and placed in new tin cans, filling them as full as possible. Place a grate in the bottom of the wash boiler about four or six inches above the bottom and pour boiling water so as to come up to the grate. Set the cans on this grate, put a lid on the wash boiler and boil for four hours. Press the lids tightly and seal.

About the only binding law some states have for keeping the weeds cut along the highways is the law governing a man's self respect. Most men do not like to have weeds grow along the highway contiguous to their farms, but now and then you will find a farmer who is perfectly willing to let them grow. There ought to be a rigid law for the latter. The former is not under the law at all; he does not need it.

A writer in a western paper advocates the use of fall pigs as brood sows. He

We have sugar beet, wheat and alfalfa lands at prices where you can afford to invest. Address,

SHULL BROS., GARDEN CITY, KAN.

says they make the best of brood sows. They have the size, age and strength, vigor and vitality, and have grown during a season of the year when grass has played a good part in their development and have brought them up to a time of the year when they are to be bred, so that they are sure to get in pig, and everything seems to be in their favor.

It is a noticeable fact that the bulletin board has taken the place of the kindly guide board. "Smith's Pills" seem to occupy all the space nowadays, but if a man is a stranger, "Smith's Pills" will not direct him on his journey. I am a friend to the farm bulletin board which gives the name of the farm and indicates what the farmer has for sale, for it is not only useful, but it hides no beauty of country from the passer-by.

EACH TUESDAY THIS YEAR
THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

\$3.00 TO KANSAS CITY AND ST. JOSEPH.

On July 14th the Chicago Great Western Railway will have a popular excursion from Des Moines to St. Joseph and Kansas City at the very low rate of \$3.00 for the round trip. Special train leaves Union Station Saturday night at 10:30, July 14, 1906. Special coaches reserved for ladies and their escorts. Sleeping car rate \$1.00 per berth. Make berth reservations early and those not desiring berths will be more comfortable if they call and secure seat checks. E. J. Sawyer, C. T. A., 514 Walnut street, Des Moines, Iowa.

\$3.50 TO ST. PAUL AND RETURN, FROM DES MOINES.

Via the Minneapolis & St. Louis' R. R. Correspondingly low rates from "intermediate points." Tickets on sale July 24th, 25th and 26th; return limit July 30th. Limit will be extended to August 15th on payment of fee of fifty cents. For further information please call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

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Address all communications and business letters to
THE HOMESTEAD COMPANY,
Des Moines, Iowa.

CUTTING MORNING GLORIES IN AUGUST.

The following communication has been received from one of our subscribers, Mr. W. A. Banks, of Marion county, Iowa:

The morning glory can be all but killed out by one cutting in August. I know, for I have tried it. Go up and down the corn rows and as nearly as possible cut the connection of every vine. It is not necessary to strike much below the surface. Of course one will not do this kind of work if the corn is much down or the weather is hot. Last August we had a field that needed traveling and it was not done. As we all remember, 1902 was cool and wet throughout. We had a fifteen-acre piece of corn that had many patches of vines, perhaps two or three acres in all. I went over it carefully and it was nothing like as big a job as it sounds. The next spring there were only a few lone fellows. That year I went over a nine-acre patch, since which time they have been a negligible factor. Plowing stubble ground in August has not proven effective with me.

We always have more confidence in knowledge that comes from actual experience than in that which is theoretical. All kinds of vegetation is usually at a low ebb in the month of August, and it is just possible that if one can find time to do the work much may be accomplished in the way of destroying morning glories if they are cut off or pulled out at that time. The fact that there is usually not much moisture in the ground at that time may account for the effectiveness of August destruction.

SUGGESTIONS ABOUT IMPROVING CROPS.

Elsewhere in this issue will be found a communication from Prof. C. P. Bull, of the Minnesota station, on the subject of crop improvement. Professor Bull stands at the top of plant breeders in this country in the matter of practical experience. For many years he was Professor Hays' right-hand man, and since being placed at the head of the agronomy department of the Minnesota station he has been carrying on an extensive line of investigations pertaining to the improvement of farm crops.

Unquestionably our soils as a rule are not properly prepared for the reception of the seed, and this no doubt affects not only the yield, but impairs the quality. There are men in the corn belt who are able to obtain an average of sixty or seventy bushels of oats per acre for a series of years. This is done by employing the principles enumerated by Professor Bull. In the first place, the seed bed is well prepared, the grain is thoroughly graded, and third, the seed is uniformly covered, which, of course, involves the use of the drill.

The methods of preparing soil in one locality is not necessarily similar to those that should be followed in another. Professor Bull speaks about plowing ground for the oat crop. This plan succeeds much better in the wheat belt than in the corn area. Where soils are very rich the oat crop will do much better when seeded on corn ground if the surface is thoroughly disked than if it is plowed. Practically the same amount of labor involved in plowing the soil and working it down afterwards should be spent in disk and harrowing the surface where plowing is not advisable. We have in mind one field this year that was disked once before seeding and harrowed once and disked twice and harrowed once after seeding. The oats on that field to-

day have the appearance of yielding at least 25 per cent more than other fields in that locality prepared in the usual hit-and-miss manner.

What Professor Bull has to say about the grading of grain should be taken to heart by every one of our readers. Of course it will be months before we are actively engaged in the work of preparing our seed grain, at the same time we are glad to have the attention of our readers called to this matter by one who is so competent to give advice on the subject.

Features of the Iowa State Fair.

A summer school for the lovers of fine horses and cattle would be regarded as a decided novelty; but that is already an established institution in Iowa, for the annual live stock shows in connection with the Iowa State Fair, provide just such a school for the benefit of all Iowa farmers. The educational value of these live stock expositions cannot be overestimated. It is true there are no set lectures and text books are not called for; but the intelligent farmer with a live stock catalog in his hand and ability to ask questions and use his eyes properly, can gain much valuable knowledge in a week spent at the fair. It is here that the farmer and breeder meet to exchange views and compare notes for their mutual benefit. It is one of the forces that must be counted in reckoning the advancement of Iowa as a live stock state.

The fair management properly places two of its strongest men at the head of the horse and cattle departments. Prof. C. F. Curtiss, of Ames, is so well known among horsemen everywhere that his name will go far towards assuring the presence of the best breeders of the midland region. Ex-Gov. Stephen B. Packard, of Marshall county, has already demonstrated his capability in the making of a great cattle show for Iowa. He has placed the Iowa cattle exhibitions in the class with the International, the Royal, and others of world-wide fame.

Superintendent Curtiss has revised the horse list and added to the premiums until today with \$4,000 offered it represents the best in this line. In addition to the regular premiums there are silver cups offered by the Clydesdale association and gold medals offered by Percheron interests. Last year the exhibition of draft geldings and mares in four-horse and six-horse teams proved a most attractive feature, and again valuable silver cups are offered in this class.

Superintendent Packard has added this year a class for the new Dutch Belted breed, and the Polled Durhams have a special class with an added association purse. There are three special Iowa classes with an aggregate of \$1,000 offered. The Short-horn association duplicates the fair premiums up to \$1,000; and there is a special of \$500 for Herefords, and another of \$300 for Angus. The test of milk cows for a \$100 purse will be repeated this year. A new brick barn is being built to accommodate the overflow of cattle, as last year some tents had to be used.

The cattle and horse judging is in the great stock pavilion where all can see what is being done, and this has gone far toward popularizing the Iowa fairs. The printing of the live stock catalog necessitates the closing of entries in the two departments by August 1st. Exhibitors are already securing blanks and information from Secretary Simpson, of the department of agriculture, Des Moines; and if preliminary indications may be accepted as of value there will be a larger number of exhibitors than ever before.

With such an excellent crop season the attendance of farmers at the fair is likely to be fully up to all recent standards.

"Bunching" is a queer subject. Suppose we turn to page 5 and see what the Litchfield Mfg. Co. have to say about it.

\$4.50 TO ST. PAUL AND MINNEAPOLIS.
The Chicago Great Western Railway will have a popular excursion from Des Moines to St. Paul and Minneapolis and return, leaving Des Moines at 9:30 p. m., July 28th, by special train at rate of \$4.50 for the round trip. Sleeping car berth rate \$1.00 and seats reserved in Special Coaches for ladies and gentlemen without additional charge. Tickets good to return on all regular trains leaving the Twin Cities Sunday and Monday following. For full information call on E. J. Sawyer, C. T. A., C. G. W. R'y, 514 Walnut St., Des Moines, Iowa.

NEW HOMES IN THE WEST—SHOSHONE RESERVATION TO BE OPENED TO SETTLEMENT.

Chicago & Northwestern Railway announces round trip excursion rates from all



Highland Park College,
DES MOINES, IOWA
School All Year. Enter Any Time.
2000 Students Annually.

Fell Term Opens Sept. 4. Other Terms Open Oct. 15, Nov. 27, and Jan. 2, 1907.

Colleges and Schools:

Liberal Arts Classical, philosophical, Scientific Courses. Academic and Elementary preparatory courses, in which students of all degrees of advancement are admitted.

Normal Didactic, State Certificate, County Certificate. Primary Training—the most complete training school for teachers in the west. Students of all degrees of advancement admitted.

Engineering Electrical, Steam, Mechanical, Telephone, Civil. Also a special one-year Electrical Engineering course. A special 24-weeks course in Steam and Traction Engineering. Shop work from the beginning.

Music A Complete College of Music. Piano, Violin, Voice, Orchestra, Band, Chorus, Harmony, Mandolin, Guitar, in fact a full course in all grades of music. A fine faculty of teachers, each an artist in his line.

Oratory A Thoroughly Equipped College of Oratory under the direction of the most competent teachers.

Pen Art A Thoroughly Established School of Penmanship. Pen Art and Public School Drawing.

Business The Largest and Best Equipped Business College in the West. Not a department or mere College, with the finest business exchange in the United States.

O. H. LONGWELL, Pres. HIGHLAND PARK COLLEGE, 3759 Second St., DES MOINES, IOWA

Pharmacy 1. Regular Ph. G. Course. 2. Special Course to Prepare for Examination. One of the largest and best equipped Colleges of Pharmacy in the United States.

Shorthand As large and Complete College of Shorthand and Typewriting as is found in the country. Every graduate sent to paying position. \$40 for full course, time unlimited.

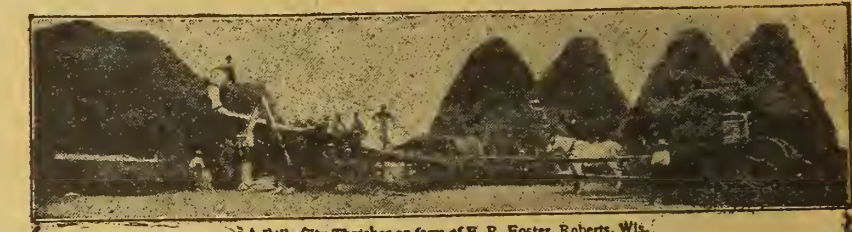
Telegraphy The Largest and Best Equipped College of Telegraphy in the United States. Every graduate sent to a paying position. \$40 for full course, time unlimited.

Civil Service A Full Course in Railway Mail Service. Enter at once and prepare for the examination.

Home Study Over 6000 Students Enrolled in the Correspondence School. Almost any subject you wish by correspondence.

Summer School The Summer School opens June 18, 1907. Special work for all grades of teachers.

Expenses Board \$1.50, \$2.00 and \$2.50 per week. Tuition in College, Normal and Commercial Courses, \$12.00 per quarter. All expenses three months \$45.00; six months \$85.00; nine months \$124.25. Catalogue free. Mention course in which you are interested and state whether you want resident or correspondence work.



Save Your Threshing Bills

Individual threshing outfits are fast taking the place of the big contract threshers. Just think a moment and you will see why you should have one of your own, or own one jointly with neighbors. You thresh when your grain is in its prime, from the shock or stack. You don't have to wait for the job thresher, and then thresh whether or no, wet or dry. You don't have a big crew to feed. You and your neighbors can exchange work—all the help you need.

Belle City Small Threshers

are the best type of small threshers made. They save all the grain. They run on light power, with small crew and thresh up to 1,000 bushels of wheat a day. Thresh any kind of grain or grass seed. Compact, strong and durable, and so light that they are easily moved anywhere. Write and let us mail you catalogue which explains fully.

We also make Ensilage Cutters, Horse Powers, Saw Frames, Farm Hand Carts, etc. Separate book describes each. Write for one wanted.

BELLE CITY MFG. COMPANY, Box 34, RACINE, WISCONSIN.

DRAKE UNIVERSITY
HILL McCLELLAND BELL, A. M., LL. D., PRESIDENT
1,634 students enrolled last year. Eight well equipped University Buildings. More than 100 Trained Teachers in the Faculty. Des Moines is an Ideal Location. Library Facilities unexcelled elsewhere in Iowa. Expenses Low.

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Normal School includes School of Education, Preparatory School, Commercial and Shorthand School, Oratory and Physical Culture School, Primary Training School, Kindergarten Training School, Music Supervisors' Training School, Correspondence School, Summer School. Write for catalog. Address,
DRAKE UNIVERSITY, DES MOINES, IOWA.

BINDER TWINE FACTORY to FARM
At Lower Prices than Dealers
Must Pay the Trust. FARMERS
WANTED AS AGENTS.
AUGUST POST, Moulton, Iowa.

points July 12th to 29th. Less than one fare for the round trip to Shoshoni, Wyoming, the reservation border.

The only all rail route to the reservation border.

Dates of registration July 16th to 31st at Shoshoni and Lander. Reached only by the Chicago & Northwestern Railway.

Write for pamphlets, telling how to take up one of these attractive homesteads. Information, maps and pamphlets free on request to S. F. Miller, Assistant General Freight and Passenger Agent, C. & N. W. Ry., Omaha, Neb.

EXCURSION TICKETS TO OMAHA, NEB.
Via the North-Western Line, will be sold July 10th to 13th, inclusive, with favorable return limits, on account of B. Y. P. U. Apply to agents Chicago & North-Western R'y.

ROUND TRIP SUMMER RATES VIA RAIL AND BOAT LINES.

The Minneapolis & St. Louis Railroad will sell excursion tickets via rail lines to points in Minnesota, North Dakota, Manitoba, Montana, Oregon, Washington and California. Also, via Great Lakes route to eastern points. On sale daily with return limit October 31st.

or until navigation closes. For further information call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

\$5.50 FROM DES MOINES TO ST. PAUL, MINNEAPOLIS AND RETURN, JULY 25TH.

Via the North-Western Line, will apply for tickets limited to return until July 31st, inclusive, on account of Biennial Saengerfest of the Saengerbund of the Northwest, St. Paul, Minn. Other dates of sale at favorable rates and with longer return limit. For full particulars apply to agents Chicago & North-Western R'y.

CURRENT EVENTS
AND COMMENTS

Farmers' Bulletin No. 259 is now being sent out by the department of agriculture, Washington. The subjects discussed in this bulletin are: Use of commercial fertilizers, weight of lime per bushel, spreading lime, soil sterilization, weights per bushel of seeds, disease resistant crops, corn billbugs and root-louse, asparagus rust and its control, alfalfa meal as a feeding stuff, singed cacti as forage, cattle feeding in the south, milk fever, nail wounds in horses' feet and use of cheap canning outfit. No doubt all of our readers will be interested in any one or more of these topics, and we suggest that application be made to the department of agriculture, Washington, D. C., for this bulletin.

George B. Ellis, secretary of the Missouri State Board of Agriculture, Columbia, Mo., has prepared a fifth edition of a bulletin on good roads. This bulletin gives the results of an extensive experience in the use of the King drag, including not only the character of its work in Missouri but also in other states. Until the supply is exhausted a copy of this bulletin may be obtained free by making application to Mr. Ellis.

It is said that pressure would be brought upon President Roosevelt to secure a pardon for Frank G. Bigelow, the former Milwaukee banker now serving a sentence at the federal prison at Leavenworth, Kan., on the ground that the prisoner's health is failing. Mrs. Bigelow and her son left today after visiting the prisoner. Their visit is believed to have been made in connection with an application for pardon which probably will be filed this year.

Wm. J. Bryan attended a dinner held in London, July 4th, there being in attendance about 500 Americans and their friends. Ambassador Whitelaw Reid and Wm. J. Bryan engaged in some good-humored rivalry. Mr. Reid referred to the fact that the country loved both by himself and Mr. Bryan had not

been ruined by its gold abroad, to which Mr. Bryan rejoined: "Without reference to the ambassador's remarks on gold, I wish to say that when I see the progress my country has made walking on one leg I wonder what it would have done walking on two legs. It is pleasing to testify that the ambassador not only has fought me, but that he has done it well. No American rejoices more than I that he is 3,000 miles from his base. While abroad I have met many good republicans—holding office—and I fully wish there were enough offices abroad to take all the republicans out of the country."

The announcement is made on good authority that Senator Depew, of New York, who was absent from his duties during most of the session of congress which has recently closed, suffering from a nervous break-down, has practically recovered. He expressed no intention of resigning from the senate, it being his present plan to spend the summer in Europe and return in readiness to take up the work in congress at the opening of its next session. It will be remembered that some of the insurance exposures reflected no small degree of discredit on this widely known New Yorker.

The federal grand jury of Washington, D. C., has begun an investigation into the operations of an ice trust, with a view to criminal prosecution of the local officials under the anti-trust law. While it is not believed that there is a national ice trust, yet there is a general understanding or series of agreements to divide compensation into particular fields with regard to the national ice supply. An incident of this kind only emphasizes the independence of those who are able to store their own ice supply, as is the case with most farmers of the corn belt.

The report of the joint committee of the Chicago commercial associations and Illinois manufacturing associations concerning the packing industries of Chicago has recently been made public. The following extract indicates that wholesome products are being turned out by the large packing concerns: "As a result of the investigation we ourselves have no hesitancy in stating that the meat products at the yards are wholesome and proper food. We find that the companies have been improving the conditions and products from year to year, that improvements are constantly being made and will be made, and we believe that the conditions and surroundings at the plants carefully protect the quality of the product."

HOMES FOR THOUSANDS—GREAT PREPARATIONS ARE BEING MADE FOR THE SHOSHONE RESERVATION OPENING NEXT MONTH.

Mr. Clarence T. Johnson, the state engineer of Wyoming, says that the irrigation plans now being completed for the Shoshone reservation lands that are to be thrown open to homesteaders provide for the irrigation of 300,000 acres of the finest agricultural land in the West. The soil, says Mr. Johnson, is better and more uniform in quality than in other irrigated lands and the water supply of the Big Wind river cannot be surpassed anywhere.

The soil is a sandy loam, gently sloping to the south and east and the only part that cannot be irrigated are a few ridges that serve as windbreaks and shelter the agricultural country. In fact, stockmen have admitted that this section of Wyoming does not make a good winter range for the reason that the wind does not blow and the snow lies on a level, making forage conditions less desirable than where the wind is heavy.

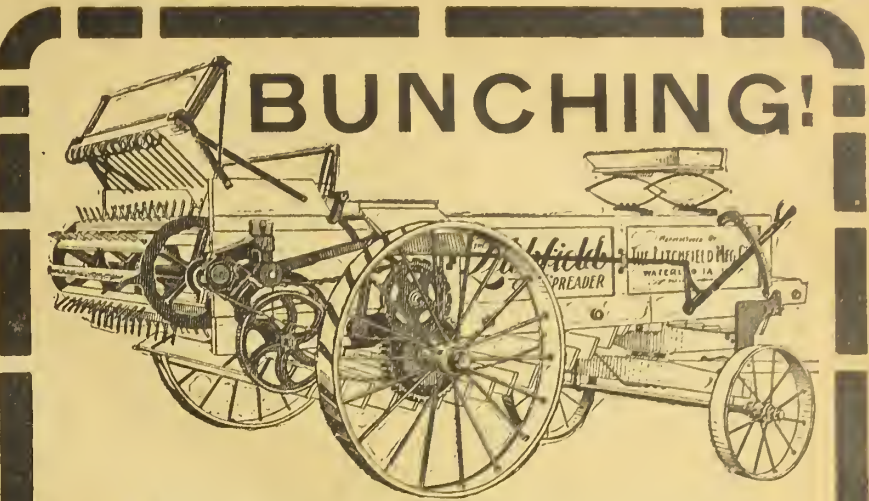
The ceded portion of the reservation lands lie from 4,600 to 5,600 feet above the sea level, and the farming which has been done along the river shows results that indicate that all kinds of crops can be grown.

Wyoming Looks Good.—Present conditions indicate that Wyoming will be at her best to welcome the influx of homesteaders this summer. The grass has a splendid start; there is an abundance of moisture which will assure a splendid range, and easterners will find as sleek herds in Wyoming as can be seen in any part of the country.

The Reservation Opening.—The president's proclamation has been given to the public and July 16th to 31st, inclusive, are the dates for registration. Beginning August 4th the names of those who have registered will be drawn to ascertain the fortunate holders of numbers entitled to make entry of a quarter section each. This final entry will take place at the rate of 100 entries per day, beginning August 15th.

Shoshoni and Lander, on the new railway extension connecting with the Chicago & North-Western Ry. at Casper, are the points indicated by the government for registration, and the final entry will be made at Lander.

Thousands of prospective homesteaders will visit Wyoming this summer to participate in this big opening of homesteads. The railroads have made special rates of less than one fare for the round trip for this occasion, and the train service will be especially arranged for the convenience of visitors.



A Bunch to Start---A Bunch to Finish.

THE other kind—not the Litchfield Spreader—does this class of work. Every manure spreader should have a good substantial endgate between the load and the beater wheel. This endgate is necessary to keep the load away from the wheel until this wheel is put in motion. If this endgate or "tailgate" does its work properly, the distribution will be the same on the start as at any other time.

The packing of the manure against the beater wheel while hauling the loaded spreader to the field, is what causes the big bunch when the machine first starts. To avoid this bunching the Litchfield Spreader uses a solid endgate that will hold the load, not simply a comb or springs, because a heavy load cannot be kept away from the wheel with spring teeth. A movable wheel or spring teeth designed to take the place of a solid endgate will not work on fine manure or manufactured fertilizer. All spreaders should have a solid endgate like the "Litchfield" uses, to keep the load in the box, whether it is fine or coarse, and hold it there until the spreader is ready to distribute in the field.

We do not want to discredit other machines that do good work after the first bunch is dumped on the ground, but we do want to tell our trade that the Litchfield Spreader does universally good work, right from the start, and that this is one of the many reasons why this spreader is entitled to the careful investigation of our customers.

If a spreader is used to haul a load any considerable distance, or if used over rough roads, or on up-hill grades, the tendency of the load is to crowd back and pack against the rear. An endgate (not an excuse for one) is just as necessary as it is in a farm wagon. Like the other necessary features for a modern spreader, this takes a prominent place on the Litchfield machine.

We have explained why a rear endgate or tailgate is a necessity to prevent bunching, and next week we are going to tell you about another endgate proposition that also has much to do with bunching. We are posting you on our machines and ask you to let us know what you need in our line.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

SAVE YOUR HAY AND GRAIN!

Stack Covers, made of best quality of canvas, full measurement guaranteed, at bargain prices for the next thirty days.



YOU cannot afford to be without protection at this time. We manufacture horse and wagon covers and all kinds of canvas goods.

STOCKMEN, ATTENTION!

We carry a full line of rain proof tents of different sizes, together with substantial seats, which we will rent at very reasonable prices. Write us, before securing sale tent, for prices and illustrated catalog.

Peoria Tent and Awning Co., 117 Main Street, Peoria, Illinois.

Better than Paint
Our REFINED TAR

At One-Tenth
the Cost

Is specially prepared to be applied as a paint with brush or force pump, to preserve wood or metal. It dries clean like paint, can be used for dipping fence posts or shingles, painting barns, poultry houses, hog and cattle sheds, corrugated iron, smokestacks—in fact anywhere as a substitute for paint. It destroys disease germs and keeps live stock in good healthy condition.

BARREL \$4.25; HALF BARREL \$2.50; F. O. B. OMAHA
HYDROCARBON For killing prairie dogs, also for exterminating chicken and hog lice, fleas, etc., at same prices.
OMAHA GAS COMPANY, Omaha, Neb.

LIGHTNING HAY PRESSES

meet all demands in Hay Baling.

Used over 20 years.

SIMPLE, STRONG, DURABLE, RAPID

The Best is most Profitable.

Send for Catalog showing all styles, Horse Power and Belt Power.

KANSAS CITY HAY PRESS CO., 126 MILL ST., KANSAS CITY, MISSOURI.

pecially arranged for the convenience of visitors.

The New Town of Shoshoni.—Two and one-half miles from the reservation border a new city has sprung up since the town was plotted some months since. Its population is of that active western sort that shows its aggressive, pushing policy by getting ready for the future. It has banks, hotels, stores and all those things that older cities possess for the convenience of its citizens and the stranger within its gates.

The building of the Wyoming & North-Western Ry. to this point will make it one of the great stock shipping centers of Wyoming.

The terminus of the new line is to be at Lander, an older city, in the beautiful Lander valley, where a great deal of irrigation has been done.

These western people propose to take care of the crowds during the reservation opening in the best possible shape, and with that end in view have inaugurated a system of hotels and boarding houses under municipal control. It is stated that there will be no exorbitant prices charged and

no unfair advantage taken of the rush of business, and municipal ownership will receive a trial under surroundings that are certainly unique.

Great Interest is Manifested.—The public is showing a great deal of interest in this opening of reservation lands to settlement and the passenger department of the Chicago & North-Western Ry. is sending out to inquirers thousands of copies of pamphlets which tell in detail how to secure a quarter section of this land and what may be expected in the way of the character of the soil and plans for irrigation.

LOW EXCURSION RATES TO NEW ENGLAND AND CANADIAN POINTS VIA THE C. & N.-W. R.Y.

Tickets on sale daily until June 30th; also on July 4th and 13th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

Write Today for Our
Free Sporting Goods Catalog

\$2.65 FOR NON-EJECTOR
\$3.07 FOR AUTOMATIC SHELL
\$6.35 OUR BELGIUM SPECIAL
\$8.38; buys this high grade bar lock DOUBLE BARREL SHOTGUN, the equal of \$20.00 guns sold by dealers.
\$14.90 for the best 12-gauge, 6-shot repeating shotgun model.
\$10.80 for high grade double barrel shotgun, the equal of hammerless guns.
\$18 buys our Improved New Model Hammerless ITHACA FIELD GUN, breech-loading, double barrel, smokeless STEEL BARREL, walnut stock, pistol grip, top lever break.

\$1.32 per 100
Loaded Shotgun Shells made especially for this purpose.
Target Air Rifles.....\$0.63
Stevens Famous Crack Rifles..... 2.95
Stevens Favorite Rifles..... 5.00
Winchester Repeating Rifles..... 8.50
Marling Repeating Rifles..... 9.50
Savage Hammerless Repeating Rifles..... 10.80
Marling Repeating Shot Guns..... 16.75
Gun Covers 35c up; Gun Cases, 90c up; Hunting Coats 60c up; Hunting Hats 40c up; Tents \$2.97 up; Boxing Gloves 90c up; Foot Balls 60c up; Striking Bags \$1 up. We are headquarters for Game Traps of all kinds, Fishing Tackle, Tents, Hunter's Clothing and Supplies, Nets, Snares, Gymnasium Goods, and every article used by Sportsmen. Our goods are best standard makes, same as all first-class retail dealers sell but our PRICES are a quarter to a half less than any retailers. Order direct from this advertisement, or send for our Big FREE SPORTING GOODS CATALOGUE quoting lowest prices ever known on all kinds of Sporting Goods, from the cheapest to the best.

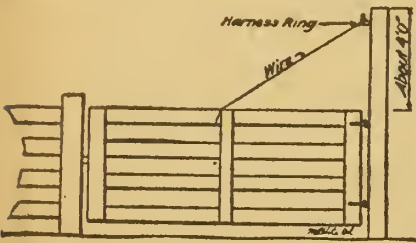
The T. M. Roberts Co-Operative Supply Co.
Dep., H77. Minneapolis, Minn.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

George Wilkins, of Ohio, writes the *Practical Farmer* as follows: "To get the remaining flies out of the sick room (or any room) cut a piece of screen

7" square, attach a handle of light wood like a fan, by sawing into end 2 inches and tacking through. You can bat one every time you strike. This does not mash them on wall or furniture, but they should be picked up as fast as killed."

In an exchange is a device for keeping gates up, illustrated as follows: "Gates, when made long enough for wagons to pass through, are always inclined to sag. Some means must be employed to prevent this happening, and no method equals that shown in cut. Back post



is allowed to extend about four feet above gate. An iron is driven in post near top; a harness ring is dropped over this and a wire reaches from ring to center of gate. This arrangement cannot be beaten."

In a Canadian paper a pump is illustrated and described for a deep well as follows: "The shell head of the pump is of cast iron. The well pipe, which consists of one and one-half inches of galvanized iron piping, screws into the pump at the back of the spout. This arrangement renders the pump frost-proof. The cylinder is three or three and one-half inches in diameter and sixteen inches long, and is situated sixteen feet from the bottom of the well. The water enters the foot valve through a strainer, which admits it at the sides and not at the bottom. This arrangement prevents the entrance of sand. The pump should have an eight or ten-inch adjustable stroke, according to the strength of the pumper. [Many deep well pumps have the bucket in the bottom of the well and the water is lifted instead of being drawn as shown in the illustration. This is probably the most common practice in deep well pumps.—Ed.]

The following device for preventing depredations of the horse fly is given by the *Farm and Home*: "During recent years this pest has proved very irritating to animals in some sections, owing to the large numbers that collect on their bodies and the severe bites which they inflict. It prevents beef cattle from

This Keeps Lightning Out Of Your Telephones

This is our "No Risk" Lightning Arrestor. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house.

) Protects the house, avoids fire, insures safety for the family.

FREE TRIAL OFFER

you can try the "No Risk" Lightning Arrestor FREE. Or send us \$2.00 and get the complete arrestor. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One man sold 15 one day. Another 35 in 5 days. "Edith Sutton, La Russell, Mo., was instantly killed May 21st by lightning while talking over country phone."

"Forty country telephones were burned out at Hestice, Neb., in an electrical storm June 5th."

"Abner Hosking, Norway, Mich., was struck by lightning June 6th while standing near his country phone."

"Atlantic, Iowa, June 24.—Lightning played havoc with the rural phone in all directions."

All could have been prevented by using "No Risk Lightning Arrestor."

W. E. ASHBY TELEPHONE CUT OUT CO., 101 Square St., Chariton, Iowa.

PATENTS
ORWIG & LANE,
DES MOINES, IA.

Send sketch or model of invention for free opinion as to patent ability. Reference, Ia. Homestead

A representative of The Homestead called upon Dr. W. O. Coffee, the well-known eye and ear specialist, at his infirmary in the Century building in Des Moines a few days ago, to make inquiries in regard to the large new building Dr. Coffee is soon to erect to accommodate the operative part of his immense practice. "I am glad you called," said the genial Dr. Coffee, with a cordial hand-shake. "I have been wanting for some time to tell you how pleased I am with the results of my advertising in The Homestead. I do not hesitate to say that my investment in Homestead space pays better than in any other farm paper in the United States; and I use a great many of the best mediums of this class."

"I have advertised in The Homestead regularly for the past eight years," added Dr. Coffee, "and it has always paid me, summer, winter and all the time, although most publications do not bring satisfactory returns in the summer. My experience justifies me in saying that I believe The Homestead is the only farm paper in the country that every advertiser can afford to stay in with large space regularly through the summer and fall. My advertising in The Homestead during the summer and fall brings me inquiries at almost as low cost as in the winter. No other paper among the many excellent ones I use brings me such generous cash results as The Homestead. Your progressive policy of constantly building up your lists by adding new subscribers is the only correct one. All that I say about the great and growing value of The Homestead to advertisers is verified by my books, as anyone interested can see for himself."

Another highly pleased advertiser of The Homestead is Mr. Frank Foy, the popular and enterprising poultryman. "No medium among the large number that I use approaches yours in results received from the money expended," said Mr. Foy to a Homestead representative recently. "I attribute this to two causes—the excellence of your medium and the splendid service you give the advertiser. No publisher in the country shows a deeper interest in the success of his ad-

vertising patrons than does the proprietor of The Homestead. Your co-operation is generous, intelligent and broad-gauged. It is a pleasure to do business with your office. I used to think that there would sooner or later be a falling-off in Homestead results; but, instead of that, every year witnesses a decided improvement."

growing rapidly and so irritates milk cows that there is a considerable loss. Among various remedies which have been suggested the Virginia Experiment Station found that one of the most practical was to spray the animals daily for a week or two, which will practically exterminate the pest. The apparatus consists of pipes arranged with a number of nozzles, so that when the animal is driven through the opening the spray will entirely cover the body. An ordinary force pump attached to a barrel will supply a sufficient stream to do effective spraying. The solution found to be the most satisfactory consists of an emulsion made of two gallons kerosene, one and one-half pound yellow soap and one gallon water. This stock solution is afterwards diluted in proportion of one to five parts water and thoroughly mixed through the pump before using. In connection with this apparatus there must be constructed a chute to the building so that the cattle may be made to pass through the spray, which they sometimes object to doing, and a pen arranged where they may be confined for a while after treatment. The solution will kill the insects while the animal passes through the spray if their movement is not too rapid. Fifteen gallons diluted solution is sufficient to treat 100 cattle when the operation is well carried out.

Mr. W. D. Wilkinson, of Oklahoma, in the *Epitomist*, writes: "For stretching wire here is the best and most practical thing I have ever used and I have used everything usually employed for this purpose, from a wagon to a patent wire-stretcher. A cast-off buggy wheel, an iron shaft or rod twelve or eighteen

inches long and heavy enough to stand the work, preferably one and a half or two inches in diameter, and a bail made of one-inch iron will be all the equipment needed. It is hardly necessary to add more, as it is self-suggesting to anyone who has ever stretched wire. The wire should be fastened to a spoke on the side opposite the dish in the wheel, and is manipulated in other respects the

same as a wagon which is in common use. This outfit will cost less than any patent wire stretcher and can be used in quarters too close to permit the use of a wagon; can be manipulated by one man and changed from one angle of corner to the other in a minute's time, will not upset as a wagon sometimes will when trying to fasten wire high up on the post, as the whole thing can raise up a foot or two without disorganizing any part of the arrangement, does not injure the front of an \$80 wagon, and can be wheeled from one place to another as easily as a common wheelbarrow."

Prof. R. S. Shaw, of the Michigan Experiment Station, describes a movable summer piggery as follows: "One of the most complete and serviceable hog houses for summer use in lots where hogs are being pastured on soiling crops is shown in the cut. It is 6x8 feet at the foundation, the sides being perpendicular for 3 feet, with a half pitch roof of boards. The comb boards are hinged so that they can be opened in the hot weather. A window at each side is also provided, which is covered on the inside with strong



woven wire. This adds much to the coolness of the house in the summer time. The pen is built upon a frame of 2x4 scantling, the lower timbers of which are beveled at the ends to permit of skidding it about from one place to another."

SUMMER VACATION IN COLORADO.
LOW RATES VIA ROCK ISLAND LINES.
Colorado, as a place for recreation, is the choice of many thousands of summer tourists.
Colorado is a land of clear, pure air and golden sunshine. It is a land of sparkling mountain streams and glassy-surfaced lakes. There are more enjoyable things to do, more grand sights to see in Colorado than any other place under the sun.
From June 1 to September 30 Rock Island Lines will sell summer tourist tickets at rate of \$21.75 from Des Moines, Iowa, to Denver, Colorado Springs or Pueblo and return. Return limit October 31. July 10 to 15, inclusive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.
This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.
Very low rates will also be in effect to Glenwood Springs, Colo., Salt Lake City and Ogden, Utah, Yellowstone National Park and to the Pacific Coast, with cheap rates for side trips to nearby points of interest en route.
New and improved train service via the Rock Island is an important feature for the Colorado traveler to consider.
Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

CHEAP R. R. RATES VIA M. & ST. L.
Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays to Montana, Washington, etc., at one fare plus \$2.00.
Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.
Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.
For particulars call at the M. & St. L. ticket office, 612 Walnut St., Des Moines, Iowa.

The Publisher's Corner

far-off Poland, ordering for Mr. A. Neehaev, No. 58 Zlota street, Warsaw, a catalog of the Sure Hatch Incubator Co., of Clay Center, Neb. Mr. Otto Barth, general manager of the company, noticing that the "key number" used in addressing this inquiry was that used in the Homestead advertisement, sent us the postal card, with a pleasant note, saying: "I don't know whether you have any subscribers in Russia or not, yet it is certain that in Poland's historic old capital, in the land of Kosciusko, the Sure Hatch Incubator Company is well-known, evidently through the medium of The Iowa Homestead, as you will note from the attached card, which bears the key number by which we 'check you up.'"

The above is no rare occurrence, as advertisers frequently receive inquiries from the remotest corners of the world through Homestead advertising. In many of these cases, the papers are sent by American subscribers to their friends in foreign lands, where readers are attracted, just as people at home are, by the advertisements which are now a valuable feature of every successful publication. A modern advertisement is always liable to travel far and live long. There are many cases in which answers to advertisements are received years after they were printed. The great volume of replies comes soon, but it is a long time before all the direct fruits are gathered; and, as for the indirect results, there is no end to them in a well-conducted business.

The month of June was a wonderfully good one for The Homestead's circulation department. The affection of the people for a favorite paper has no truer criterion than that of their cash remittances to pay for it. When our May subscription receipts proved to be double those of the previous May, we had little expectation that June, ordinarily a quiet month, would maintain so rapid a rate of growth; but, to our surprise, June brought in more than three times as large receipts as June, 1905! Who, in the light of such a demonstration, says that The Homestead's friends are not very staunch ones and increasing in number?

OUR DAIRY DEPARTMENT

All communication relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

FEEDING CALVES FOR BEEF.

BY W. J. KENNEDY, IOWA EXPERIMENT STATION

There are a great number of calves, the offspring of the general-purpose grade Short-horns which are commonly found on farms, that are raised on skim milk, and are used for the production of beef. It is easy by good feeding to produce excellent animals in this way, but as everyone who has bought steers for feeding can testify, great numbers of these cattle are utterly spoiled by bad methods of feeding during the time they are calves, and are so stunted that no amount of good feeding at a later period can make really good cattle of them. It is of the utmost importance that the calf which is intended for beef should have a good start, and should form while yet a calf those habits of growth, thriftiness and constitution which are the necessary characteristics of a good beef animal. To accomplish this end, good and careful feeding is a necessity.

In the milk food of the calf raised for beef a little generosity will prove the best economy. Those who take the calf at once from its mother and put it on skim milk at the end of a week or ten days, may save a little cream, but they run the risk of injuring the delicate digestive organs of the young animal so as to permanently retard its growth. It is a much safer practice to allow the young calf to remain with its mother for a day or two, so that she may nurse it and give it a good start; then to remove it and give it warm, new milk, in moderate feeds, twice a day for four or five weeks. It is a great mistake to feed even new milk from a pail in excessive quantities. Four or five quarts twice daily will be found ample feed, and to feed more is to run the risk of upsetting the youngster's digestive organs, even while all new milk is being fed.

At the end of four or five weeks the calf is stronger, and a gradual change may be made from new to skim milk, taking ten days to two weeks to make the change and being careful to have the skim milk as nearly as possible at the temperature of new milk. At the same time some equivalent for the cream taken from the milk should be added. Starch, of course, fills much the same place as a food that fat does. It is not well, however, to use starchy foods as an equivalent for the butter-fat of the milk. The digestion of the starch is affected through the action of the saliva of the mouth, and where starchy foods are fed in milk, they almost entirely escape this action, pass on to the stomach undigested, and cause trouble; hence, the fashion of feeding the meal of the ordinary grains in the milk, either raw or cooked, is not good, and is liable to lead to digestive troubles and perhaps to scouring. The best substitute for the cream taken from the milk is, by all odds, flaxseed, either whole or ground, boiled into a thick gruel. Flaxseed contains a very large proportion of fat and protein, and a very small amount of starch, hence it may be fed safely in milk as the action of the saliva is not so much needed in its digestion. Fed in small quantities at first, and afterwards increased until two cupfuls of the gruel are fed in the milk, it not only forms a good cream equivalent, but has an important action in preventing constipation and promoting that general appearance of thrift and well-being which is characteristic of the well-doer among beef cattle. The flaxseed should be continued

"750 000 IN USE"
DE LAVAL
CREAM
SEPARATORS
THE DE LAVAL SEPARATOR CO
74 CORTLANDT ST. NEW YORK. RANDOLPH & CANAL ST. CHICAGO.

THE BIG TRUTH STICK

FACTS COMMON SENSE

SMASHES WORTHLESS SEPARATORS

EASY OR HARD WHICH FOR YOU

Put *Facts and Common Sense* to work on a Tubular Cream Separator and you know it must be easy to operate. Put *Facts and Common Sense* up against a back breaking, hard to wash, high can "bucket bowl" machine and you can't make yourself believe it is easy to operate. In the light of truth, the out-of-date, "bucket bowl" separators go to smash. Which kind for you, the

Tubular	or	"Bucket Bowl"
Low Can	or	High Can
Simple Bowl	or	Bowl Full of Parts
Enclosed Gears	or	Exposed Gears
Self Oiling	or	Oil Yourself

Catalog 0-121 tells all about Tubulars. Write for it.

The Sharples Separator Co.
Toronto, Can. WEST CHESTER, PA. Chicago.



\$20 to \$50
of your money saved if you buy

SIMPLE DAVIS Cream Separator

Direct from our Factory at Factory Prices.

It's the easy running, easy to clean, durable cream separator that doubles profits, and cuts dairy work in two. Three-piece bowl is easily washed and never out of balance. We pay freight. Investigate by sending your name and address on a postal for our MONEY SAVING CATALOG NO. 118. IT'S FREE. Write today.

Davis Cream Separator Co.,
541 N. Clinton Street, Chicago, Ill.



How's Your Separator?

WE will take your old separator in exchange on purchases of either new or second hand machines. We also sell you direct, a good as new second hand, or a new separator, any make, cash or time and save you money. Write for list and prices.

Richmond Cream Separator Co.,
Richmond, Missouri



HILLCREST FARM REGISTERED HOLSTEINS. Sixty-five head to select from. Bull calves your own price while they last. Hillcrest Farm, Greenwood, Missouri

THRASHING MACHINE WANTED. SECOND hand 28 in. cylinder separator. We prefer Case make. Alonzo Harvey, Ossian, Iowa.

When writing please mention this paper.

Save all your Cream

U. S. Separator is biggest money maker because it gets more cream than any other. Holds **World's Record** for clean skimming, and can be easily regulated to skim thick or thin cream as you desire. Cream represents cash—you waste cream every day if you are not using a

U. S. CREAM SEPARATOR

Has only 2 simple parts inside bowl—easily and quickly washed. Low supply tank—easy to pour milk into—see picture. All working parts inclosed, keeping out dirt and protecting the operator. All parts accurately made, automatically oiled and light running. Many other exclusive advantages, all fully described and finely illustrated in our big, handsome, new catalogue. Write for copy today—do it now while you think of it. Be sure to ask for catalogue number 81, and address


Vermont Farm Machine Co.,

Prompt deliveries of U. S. Separators from warehouses at Auburn, Me., Buffalo, N. Y., Toledo, O., Chicago, Ill., LaCrosse, Wis., Minneapolis, Minn., Sioux City, Ia., Kansas City, Mo., Omaha, Neb., San Francisco, Cal., Portland Ore., Sherbrooke and Montreal, Que., Hamilton, Ont., Winnipeg, Man. and Calgary, Alta.

Bellows Falls, Vt.

Address all letters to Bellows Falls, Vt.

445



until the calf is eating grain very freely. It is well to continue to feed milk as long as we can; at least till the calf is six or seven months old.

As soon as possible, while the calf is yet on new milk, it should be taught to eat. For this purpose, a little good clover hay is very valuable. Whole oats are very soon relished and the calf may safely be allowed all he will eat. It is very important, however, to see that no food is left in the manger. We should be very careful to feed no more than will be eaten up at one feed, and if any is left it should be cleaned out of the manger before another feed is given. In the winter a little pulped roots, or even silage, may be given with advantage. In the summer we believe it is well to give the calves the run of a small paddock of grass, provided with a shelter from the sun during the heat of the day. Calves so treated do not present the sleek, smooth appearance of those which are kept constantly in the stable, but they develop a better constitution and do better afterwards when turned out on the grass as yearlings to shift for themselves.

GREEN CORN FOR COWS.

Ordinary field corn makes an excellent supplement to dry or short pastures during the summer months. It is not necessary to wait until the crop is eared, as the fodder is rich in milk-making elements, though of course it is very succulent.

Some dairymen adopt the practice of cutting a sufficient supply of green corn to last for a period of three or four days. In this way the crop is dried out and pound for pound the fodder is made much more nutritious. It will not then tend to scour cows so badly, and though drying may reduce its palatability somewhat, yet its increased richness due to the evaporation of the juices will more than offset this loss.

The feeding of green fodder not only increases the milk flow at the time, but it helps to sustain a large flow longer. If the cows are let down in their milk now, they can never again be brought up to as high a standard during this lactation period as if they had not been allowed to shink.

This Is The Cleveland Cream Separator

We will send it to you

Free

We mean what we say; you can have this great cream separator shipped to your home, you can use it, try it against any other cream separator made and you need not pay one cent, sign any paper, nor put up your money in the hands of any bank or express company until you have had a fair free trial of what the machine will do.

You Pay No Man Any Money In Advance.

Do you want to know why we can do this? Because the Cleveland is the only high class separator in the world that is sold at a reasonable price.

It is shipped to you direct from the factory. The Cleveland skimming device is made of aluminum. The cleanest and lightest metal in the world.

Ball Bearing

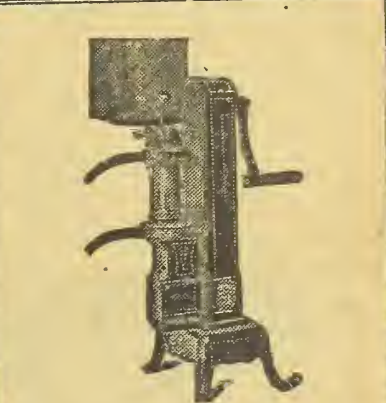
all through and so easy running that you can hardly believe it's working.

But try the Cleveland. It won't cost you anything, and there'll be no fuss made if you don't want to keep the machine after the thirty days trial. Write for free catalog now anyway.

THE CLEVELAND CREAM SEPARATOR CO.,
33 Michigan Ave., N. W., Cleveland, Ohio.

AGENTS wanted. Send 25 cents for sample by prepaid express.
Klinchert's Fine Soap Co., Lake City, Iowa.

When writing please mention this paper.



You Want All The Cream

Therefore You Want the

Iowa Dairy Separator

No other Separator made extracts every particle of cream. Some is always left, and this "some" is your loss.

The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time. A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write today and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

The Iowa Dairy Separator Co.,
Waterloo, Iowa.

WINTER Wheat, 60 bushels per acre. Catalog and samples free. John A. Sulzer Seed Co., La Crosse, Wis.

When writing please mention this paper.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

ADJOINING FARMS—FENCES.

Mr. W. E. Hart, Lamoni, Iowa.—A., B. and C. own adjoining farms in Missouri. A. has given B. and C. written notice of his intention to move his division fence and build his own fence, which will make a "Devil's Lane." (1) How far from the division line must A. set his fence? (2) How far back from the division line must B. and C. set their fences?

Answer.—(1) Anywhere on his side of the line. His fence may extend right up to the line, but not on it or across it. (2) Same answer.

TAXATION IN NEBRASKA.

A Subscriber, Arcadia, Neb.—(1) I have shares of mining stock in an undeveloped mine in Colorado. Does the law of Nebraska require me to give them in to the assessor? (2) If I own stock in an incorporated mercantile company located in another state, does the law of Nebraska require me to mention it to the assessor?

Answer.—(1) It does. The first subdivision of section 28, chap. 73, page 394, laws of Nebraska of 1903 provides that every person of full age and sound mind being a resident of the state shall list for taxation (among other things) all his stocks, shares of stock of joint stock, or other companies, when the capital stock of such company is not assessed in this state, etc. This answers also the second question.

OWNERSHIP OF ISLAND.

A Subscriber, Hutchinson, Kan.—A. recently bought a piece of land bounded on one side by the Arkansas river. The former owner had fenced in a large island with the pasture. The island is covered with cottonwood trees. B. wants to take some poles from the island, but A. is unwilling for him to do so. (1) Has B. a right to cut and remove poles from the island? (2) Has A. a right to control the island and pasture it?

Answer.—(1) A's boundary line must be the middle of the river; that is, if his deed calls for land bounded on one side by the river, his line runs in the middle of the stream, and he is entitled to all the land within his boundary lines, whether it be island or not, therefore B. has no right to cut or remove poles within A's lines. (2) A. has a right to control the island and pasture it if it be within his lines. Now, you see how difficult it is to answer a question where the main facts are omitted from the statement. The main river may be on either side of this island—the middle of the stream may be on

either side, with but little water running on the other side, or there may be two channels with a stream in each so near equal that there are two threads of the stream where the island is located.

CONSTRUCTION OF CONTRACT.

A Subscriber, Leon, Iowa.—A. rented 180 acres of land to B. for cash rent. The contract states that B. is not to pasture the meadow in wet weather. Has B. a legal right to use the meadow for pasture during the season, if he keeps his stock out in wet weather?

Answer.—He has that right.

DRAINING GOVERNMENT LAKE.

Mr. W. C. Bennett, Richmond, Wis.—(1) There is a government lake near my farm which might be drained and leave some good farm land. If I should drain it across my land into a river what right would I have to the land drained? (2) Would I be liable to parties living on the bank of the lake who depend on it for water if I should drain it?

Answer.—(1) None at all. (2) We think you would, besides it might involve you in an unpleasant controversy with the United States government.

NO LEGAL CLAIM.

Mr. R. S. A., Churdan, Iowa.—A. borrowed a sum of money from B., giving him a chattel mortgage as security. A. turned over to B.'s agent a mare that was sold at combination sale. By reason of a mistake at the bank, or trickery, the note was made out to A., and C. attached the note as the property of A., which caused B. considerable trouble and expense in attending court, etc., and C. dropped the suit without having it go to trial. Can B. recover the amount of his expenses and for his trouble from A.?

Answer.—He cannot. He has no legal claim whatever against A. upon the facts stated.

NOTES ARE CREDITS.

A Subscriber, Le Roy, Minn.—A. lives in Minnesota and holds a mortgage on land in Iowa, which is recorded in Iowa. In which state must A. pay taxes on the mortgage?

Answer.—The notes secured by the mortgage are the things on which taxes are levied. They represent the debts of the mortgagor, and are credits in the hands of the holder, the mortgage being merely auxiliary to them—security for their payment. These notes are personal property, taxable where the holder lives, hence A. must pay taxes in Minnesota and not in Iowa.

LAND DEAL—RIGHT OF WAY.

Mr. Fred Lillenthal, Atlantic.—(1) On the first of April, 1906, I bought a farm. People have been in the habit of driving through it for years, by opening gates. I am to move on the farm in March, 1907. Can I then stop people from driving through it? (2) When I bought the place the owner told me there was so much land in grass. Afterwards the renter on the place plowed up some sod. Can I compel the seller to pay damages?

Answer.—(1) We think you can. (2) We think not. Your statement omits some very important facts. You do not say whether or not the place used by the people in going through your farm is in fact a road, or how many years they have used it, nor do you give any of the terms of the purchase and sale of the land.

TAX TITLE IN ALABAMA.

A Subscriber, Muscatine, Iowa.—(1) When land is sold for taxes in Alabama, how long is it before the purchaser can get his tax deed? (2) What steps are necessary to redeem land sold for taxes in Alabama? (3) If my land in Alabama has been sold for taxes, can I settle the matter with the purchaser so as to get good title without court proceedings?

Answer.—(1) Two years. (2) You must deposit with the judge of probate of the county where the land lies the amount of money the land sold for, with interest thereon at fifteen per cent per annum and all subsequent taxes, with interest thereon at eight per cent per annum, and all costs of taxing officers, and one dollar to the probate judge as his fee. (3) You can, by having him make you a quit claim deed, and paying all subsequent taxes on the land.

VARIOUS CRIMINAL OFFENSES.

A Subscriber, Allen, Neb.—(1) In order to avoid driving around eighty rods a person tore down a partition fence and left it in that condition. What is the penalty? (2) A person shot pigeons on the roof of a neighbor's barn without his consent. What is the penalty? (3) A. was walking across a man's field and the owner's dog started towards him, barking, and A. shot the dog, killing him. What is the penalty? (4) If these acts or any of them were done on Sunday would that increase the penalty?

Answer.—(1) If it was done wilfully and maliciously a fine not exceeding \$100, or jail not exceeding thirty days, or both; if not maliciously the offender would simply be liable for damages to the owner. (2) A fine of from \$5 to \$100 for each offense, and also liable for damages. (3) If the shooting was malicious, jail not exceeding thirty days and fine double the amount of injury done; if not malicious, liable for damages for the injury done to the dog. (4) Hunting, fishing or shooting on Sun-



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day renders the offender liable to a fine not exceeding \$20 or twenty days in jail, or both, at the discretion of the court.

EXPENSES OF INSANE PERSON.

A Subscriber, Beaconsfield, Iowa.—A. and B. are husband and wife. B. was adjudged insane and sent to the asylum. Who is liable for the expenses necessary to keep B. at the asylum?

Answer.—The county where A. and B. resided must first pay the expenses, but the amount will then be collected from A., the husband, by the county auditor, under the direction of the board of supervisors.

RIGHTS OF ADOPTED CHILD.

A Subscriber, Iola, Kan.—A married man in Kansas, having no children, made his will leaving all his property to his wife "to have and to hold, and her heirs, of which I may or shall die possessed." He named his wife as executrix. After some years they adopted a child, having none of their own, and later the man died. Who is entitled to his estate?

Answer.—The widow and the adopted child, if the child was adopted according to law, each being entitled to half the estate.

DISCHARGING DRAINAGE WATER.

An Iowa Subscriber.—A. and B. own adjoining farms. Can B. lawfully empty his tile drain directly under the partition fence where there is a natural watercourse?

Answer.—Under the drainage law of 1904, B. has the right to discharge his drainage water from tile drain anywhere on his own land, into a natural depression that leads to a water course, or into a water course, without being liable to anybody. He may empty his tile in such a place, right at the line of his own land.

NOTICE TO QUIT—MORTGAGE.

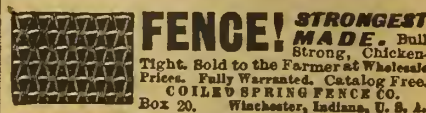
Mr. F. H. K., Madison, Neb.—(1) In January last A. rented his farm to B. for one year from March 1, 1906 to March 1, 1907, by a written lease which provided that at its termination on March 1, 1907, B. shall, without notice, deliver to A. peaceable possession of the premises. On Feb. 28, 1906, A. sold the farm to C. and gave C. a copy of the lease so he could receive the rent, which is one-third of the grain and one-half of the hay crop. The lease also provides that it shall not be renewed except by writing the renewal thereon. C. has been told that he must give B. six months' notice to quit prior to March 1, 1907, in order to get possession at that time. Is this correct? (2) When no interest is paid or demanded on a real estate mortgage, when does it become outlawed?

Answer.—(1) It is not correct. When the time of expiration of a tenancy is fixed by the lease no notice to quit is necessary. (2) Ten years after the mortgage notes become due.

EXECUTORS AND ADMINISTRATORS.

Mr. J. H. Downs, Clearfield, Iowa.—(1) Please define "administrator" and "executor," and state fees allowed by law for acting as such. (2) Under what conditions may a person be appointed executor without giving bond? I notice by the court proceedings that this is done.

Answer.—(1) An administrator is appointed by the court to settle the estate of a deceased person who leaves no will. An executor is appointed where a deceased person has left a will, to execute the will—that is, to settle the estate according to the will. One or more executors are usually named in the will, and the court appoints the person or persons so named, but if none is named in the will, a suitable person is appointed by the court. The law allows an administrator or executor commissions on all money coming into his hands from sales of property, or from money, five per cent on the first \$1,000, on excess



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over \$1,000 and less than \$5,000, two and a half per cent; on excess above \$5,000, one per cent. (2) Only where it is so requested in a will.

TAXATION OF PROPERTY.

A Subscriber, Bancroft, Neb.—My personal property was not assessed for taxation in the spring of 1905. On the first day of February I offered to pay taxes, but there was none against me on personal property. On the fifth day of March the officers wrote me that I must pay the same taxes as in 1904. Does the law require me to do so?

Answer.—We do not know. The law gives considerable power to the county assessor and other county officers in the matter of correcting assessment—adding to the same of property omitted in listing for taxation. It is most likely that you will have to pay the taxes mentioned.

ADVERSE POSSESSION TEN YEARS.

A Subscriber, Milton, Iowa.—A. and B. own adjoining farms. There is some difficulty in locating a corner on account of county line. A. claims that B.'s fence is over on him two rods, and B. claims ownership, as his partition fence has been there for twelve years. A's deed is for five acres more or less; the prior deeds to same boundaries call it five acres. (1) Does fencing and possession for twelve years constitute ownership? (2) If B.'s contention is lawful thereby depriving A. of some land has A. a lawful claim on the party from whom he bought the land?

Answer.—(1) If B. has occupied the ground up to the fence, claiming to own it for more than ten years, it constitutes title in him by what is called adverse possession. (2) We think not.

A SMALL MERCHANT.

Mr. B. F. Parker, Haviland, Kan.—A merchant issued cards as follows: "Premium card. Bring this card with you to . . . (his store) and receive credit on your cash purchases. Amount of this card is \$50 and as soon as this amount is bought the holder will be entitled to a premium valued at \$7.50. The premium consists of a fine iron bedstead, rocking chair, or any other piece of furniture valued at \$7.50. This is a special inducement to our customers, and will last but a short time; it is a net saving of 5 per cent on your purchases. Credit will be allowed in all lines except groceries." I was given one of the cards and traded out the amount according to it, but the merchant refuses to give me any premium. What can I do?

Answer.—You can sue him and get judgment against him for the amount of \$7.50 and collect it if he is financially responsible, but the expense and trouble of doing it will make it hardly worth while.

INSOLVENT BANK—RECEIVER.

A Subscriber, Coon Rapids, Iowa.—A. had a certificate of deposit for a sum of money, in a bank. The bank became insolvent. A. presented his certificate to the bank, and the bank paid him part of the amount deposited, and issued to him a new certificate for the balance. The bank paid some of its depositors in full, but refused to pay others. It is in the hands of a receiver. (1) Can the officers of the bank be prosecuted for re-issuing certificates as described? (2) What remedy have depositors who have not received their money?

Answer.—(1) It depends upon whether the actions of the officers were intentionally fraudulent. If it can be proven that they were, the officers are subject to a fine not less than \$500, or imprisonment not less than one year. (2) The receiver acts under the direction and supervision of the court, and the only remedy is to make application to the court, in case the receiver fails to do his duty.



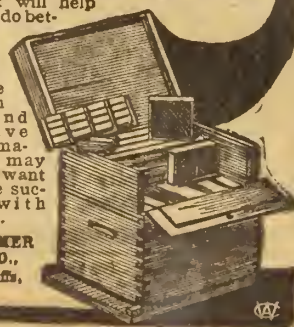
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VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

INDIGESTION.

I have a good 1,250-pound work horse that began about three weeks ago to have scours once or twice a week. If I change his feed he is sure to have them, and often is real sick. I feed him one gallon of shelled corn and a little oats three times daily. He seems to be all right and works every day, and is in good condition.

Gradually stop feeding corn and put him onto a ration of oats and hay with a bran mash once or twice a week. Corn is not the best feed for him in summer. Allow free access to rock salt. Have his teeth attended to if whole oats are seen in his manure.

MAMMITIS.

I have a cow that has had six attacks of caked udder in the last two months. It yields to treatment very readily. I wash it with hot water and then apply a liniment of belladonna, two ounces; glycerine, one ounce; camphor, one ounce. Please give me a permanent cure.

Where mammitis (garget) comes and goes in this fashion, tuberculosis of the udder should always be suspected, hence we would advise you to have the cow tested with tuberculin. If she proves to have tuberculosis, have all of your cows tested and if the disease is present in your herd you should stamp it out and then have all heifer calves protected against the disease by the Von Behring method of inoculation.

SICK SOWS.

I have two sows one year old that have been sick for the past two weeks. They act a good deal like a pig with the "thumps." Feed has been principally corn with a feed of oats two or three times a week. They seem to want to eat, but they only take a few bites or few swallows of slop, and then thump worse than ever. Reminds me of a person with consumption.

It is quite possible that the sows have "consumption," for tuberculosis is getting to be quite common in hogs. Still it is more likely that they have some other lung or heart disease caused by worms or by heavy feeding and lack of exercise. Stuffing upon corn, as often stated here, is the most common cause of all of these weaknesses of breeding hogs. It would be best to kill the sickest sow, then make a post-mortem examination or, better still, have it made by a graduate veterinarian.

SORE SHOULDERS.

I have a dark gray seven-year-old horse. About a month ago while cultivating oats his right shoulder began to swell, making the horse very lame. I kept him in the stable and bathed the shoulders in warm water and liniment. The swelling went down and a lump formed between the legs. The lump is about the size of my fist; does not feel hard and is not tender. He does not appear to be sweened, as he is only lame when driven or hitched up. Any information in regard to treatment will be appreciated.

A badly fitting collar did the damage as far as soreness of shoulders is concerned and it may be that horse is also affected with sweeney. A prolonged rest will be necessary or allow a run at pasture. Wet sores on shoulder twice daily with a solution of one ounce of sugar of lead and six drams of sulphate of zinc in a pint of water; or paint twice daily with a mixture of two ounces of tincture of iodine and six ounces of extract of witch hazel.

BULLNOSE.

I have lost all of two litters of pigs, and a third about to die with a disease that begins when they get about two weeks old. I pulled or broke off the tusks as has been advised in these columns and in a few days I saw one had a broad nose. I examined him and under his upper lip was all sore and the flesh rotten and loose from the upper jaw bone right above where the black teeth are. Is this disease contagious? And is there a remedy?

The cutting off of small sharp teeth in new born pigs' mouths is an excellent preventive measure where canker of the mouth has been prevalent but it will not cure the disease known as "bullnose" or "snuffles" evidently present in our correspondent's herd. This disease is a form of rickets and incurable in a majority of cases where the pigs are weak in constitution and thriftless. Scrape the ulcers and sores and paint them twice daily with tincture of iodine at first and less often if they seem to respond nicely which is the case in some instances when due to a vegetable parasite but seldom if ever the case in true "bullnose." Authorities advise killing the pigs for the latter

disease. It certainly necessitates a change in the herd boar and brood sows and feeding of a more complete ration, free use of limewater and better sanitary conditions in the care of pigs.

KNUCKLING.

I have a colt that was born last night that is "cock-ankled" in both hind legs. What can I do for it?

Foals often are born in this condition yet recover fully as they grow. Simply hand rub the cords thoroughly twice a day; then put on flannel bandages. If this does not avail, then we would advise putting on slippery elm bark splints to be kept in place by bandages. In some cases we have used light plaster of Paris casts to good advantage.

FOUNDER.

One of my mares that I was working took sick suddenly about three weeks ago. She was all right at night, but when I went to the barn the next morning she could hardly stand up. She would stand with all four feet out as if bracing herself. Would hardly walk at all. It seemed to be soreness in her shoulders at first and then in a few days it seemed to be in her kidneys. She now can walk, but staggers as if about to fall. She is fat and eats well. She has had ground corn, timothy hay and grass. She has a habit of pulling back and I thought she might have strained herself. Sometimes she can't get up without help when lying down.

Mare may have been foundered by overfeeding and idleness. It would be best to thin her down by spare rations and exercise. A run on grass would be best. If she still is lame in front clip hair from coronets (hoof heads) and blister repeatedly with cerate of cantharides. Rheumatism would of course cause similar symptoms but founder would seem most likely under conditions described.

SICK MARE.

I have a mare that I started to work when her colt was two weeks old. The third day she got sick. I gave her two doses of liniment and she seemed all right. I let her rest a couple of days and then worked her another and she got sick again; then I called the doctor. I gave the medicine he prescribed for a week; then worked her half a day for a week and then a day, and she had the same spell again. I have not tried working her since and would like to have you advise me what to do. The doctor says the food don't digest, but does not tell me what to feed her.

You have neglected to tell us what symptoms were shown by mare when sick but we fancy you mean that she had colic and is affected with chronic indigestion. Give her a pint and a half of raw linseed oil at one dose, and repeat if she has another attack. If in pain from colic give her with the oil an ounce of turpentine and half an ounce of fluid extract of cannabis indica. Allow free access to rock salt. Better have her teeth attended to by a veterinary dentist.

CROOKED COLT.

(1) I have a yearling colt that walks on the frog of his front feet; the frogs seem to have grown down and the toes turn up like sled runners. Do you think I could have him shod or brace his feet some way to straighten them up? I did not notice anything wrong about him until he was three or four months old. (2) I have an old mare that is covered with lice. Is there a way of getting rid of them without taking the hair off? (3) I have an eighteen-year-old mare that I would like to breed, but she seems to be in season all the time, and part of the time there is a bloody stuff comes from her. She has been that way for a couple of years. Is there anything that could be done with her?

(1) We consider the condition incurable but a veterinarian on the spot might come to a different conclusion. (2) Better clip her at once although by much work with a 1-50 solution of coal-tar dip and free admixture of sulphur it should be possible to get rid of the lice. (3) She should be spayed. The condition indicates not only leucorrhea but chronic disease of the ovaries which is doubtless incurable.

LAMENESS.

(1) I wrote you about three years ago about a mare which was lame, apparently in the coffin joint, caused by getting her foot caught in a wagon wheel and pulling back. Then you advised "unnerving" her. I took her to a veterinarian to have this operation performed and he said that it would cause the hoof to slough off. Another veterinarian was of your opinion. Nothing was done, and the mare is still lame. Before taking any risk in the matter, I decided to write you again. (2) I have a mare that is lame in her left hip. This hip is not as full on top as her other hip. Do not know how long she has been this way, as have only had her three months.

(1) Veterinarian can inject cocaine or eucaïne solution to numb the nerves running to foot and in this way tell with certainty whether foot is true seat of lameness. He also would be best judge as to wisdom of unnerving, which in all probability would have to be done below fetlock joint in which case there would be no danger of hoof sloughing off. It is quite possible that repeated blistering of the coronet may remove lameness if it happens to be due to

side bone, but unnerving will be necessary for ringbone or navicular disease. (2) Have veterinarian locate true seat of lameness, as muscles of hip often waste away when cause of lameness is lower down.

BARREN MARE.

I have a mare that raised a colt three years ago, but which I cannot get with foal again, although I have had her bred several times when she appeared to be in season.

We would advise you to give her an injection of yeast mixture once a week and again when seen to be in season, and have her bred when about out of season. If she does not conceive use an impregnating syringe or capsule next time she is bred.

LAMENESS.

I have a seven-year-old mare that is lame in her right hind ankle. When first taken from the barn in the morning, she is very lame, but gradually improves with exercise until the lameness cannot be noticed only when she trots. It cracks when she walks, and there is a small puff on the outside of her leg, a little above the ankle.

We are not at all certain from your description, that fetlock joint is the true seat of this lameness. It may be in hock joint. If in fetlock a high ringbone would be the most probable cause and would necessitate firing and blistering by a graduate veterinarian.

PROLAPSE OF VAGINA.

I have a sow one year old that has an inverted uterus. She went about six weeks after boar service, and then lost her pigs. I have cleaned the uterus off and put it in place, but it will not stay there.

The vagina or passage to the womb is everted and after cleansing and returning to place may be caused to remain there by taking several stitches through skin on each side of vagina so that the strings cross the passage and prevent parts coming out. Afterward keep parts clean with a 2 per cent solution of coal tar disinfectant and remove stitches in a week.

LUMP-JAW.

I have a three-year-old heifer that has the lump jaw. Can you give me a remedy?

As often stated here lump jaw may be cured by giving dram doses of iodine of potash in water twice daily until animal has scurfy skin, slobbers and loses appetite at which stage treatment should be discontinued for some days but repeated when the symptoms of "iodism" disappear. Three periods of treatment may be necessary for a cure. Locally the tumor should be treated by opening and inserting some arsenic or corrosive sublimate powder wrapped in wet cotton; or, if possible, tumor should be cut out.

SICK SOW.

I have a Duroc sow which raised a litter of nine pigs. She was two years old and weighed about 375 pounds. When the pigs were five weeks old I had to wean them, as the sow quit eating altogether. Since weaning the pigs, she eats better, but does not seem to gain. She walks "hump-backed" and when she raises herself up braces herself with her nose. She weighs about 260 pounds now.

Purge her with four ounces of epsom salts in warm water as a drench. Then give her powdered nux vomica twice daily in increasing doses, commencing with ten grains as first dose. She should be fed milk, middlings and tankage and have free range on grass and clover. Rub joints or affected muscles once daily with a strong liniment.

PIG-EATING SOWS—RINGING HOGS.

(1) What condition is the cause of sows eating their pigs? And what is the remedy? (2) Is it a good practice, from the standpoint of profit and health of hog, to "ring" or "snout" them to prevent rooting?

(1) Pampered, inbred, sluggish, lazy, costive sows lacking some needed ingredient of a balanced ration or made vicious by lack of exercise and the train of evils attending it are the ones that most usually eat their pigs. Such sows should not again be bred. Many feed salt pork to prevent the trouble, but natural management of sows is a better plan and especially the allowing of free range and avoidance of much corn as a ration. (2) If hogs are given sufficient range on pasture affording an abundance of feed at all times and they are also provided with charcoal, wood ashes, lime and salt they will not be so apt to root, but most breeders prefer to use the rings than run chances of having ditches dug in the fields.

BLIND TEAT.

Just before her first calving one of my two-year-old Short-horn heifers had one hind teat swell to be very large. I rubbed it well, but when fresh could not get milk out of it. I tried to make a vent, but to no effect. She has been fresh about six days. I milk part and let the calf suck, and try this teat every time, but no use. The swelling has now gone and it seems normal.

At time of calving an opening might have been made through closed teat duct,



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but this would be dangerous at that time and even more dangerous now. Such conditions are best treated when cow is dry. If you decide to run chances and you are sure that milk comes down into the teat at milking time, open the duct by inserting a clean knitting needle or large darning needle or clean milking tube and afterwards insert a dilator or teat plug. Udder should be bathed with hot water twice daily to keep down infection, and if any inflammation follows operation give cow a physic of epsom salts and rub udder with belladonna ointment after fomenting.

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ROSE COMB BROWN LEGHORNS.
HENS \$10 per dozen. April and May hatched cockerels 50 cents each in lots of six or more. Address, Ella Sharp, Mt. Sterling, Ia.

EGGS from pure bred, well marked, standard weight Light Brahmas at \$1 per sitting. I ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

SILVER LACED WYANDOTTES.
EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

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BAHRED P. Rocks exclusively. Large thrifty birds, excellent layers. Eggs 60c per 18, \$1 per 36, \$2.65 per 100. J. M. Reeder, Earlville, Iowa.

UPLAND Poultry Farm, Lt. Brahma, S. L. Wyandotte and Lt. C. B. Leghorn eggs for sale, 20 for \$1, 50 for \$3.75. Albert Haus, Waucoma, Ia.

WHITE Wyandotte eggs from birds scoring 94 to 95%, 15 for \$1.25, two or more sittings \$1 each. Mrs. L. M. Estes, Audubon, Iowa. R. F. D. 2

ROSE Comb White Leghorn and Black Langshan eggs for hatching for sale, 26 for \$1.50 or \$4.00 per 100. Joseph Kappes, Jr., Ashton, Iowa.

S. C. B. LEGHORN EGGS
For hatching at 50 cents for 15 or \$2.75 per 100. J. P. Kalksdien, Lawler, Iowa.

S. C. B. Leghorns exclusively. Pure bred. Eggs, \$1.50 per 15, \$1.50 per 50, \$2.75 per 100. James H. Irwin, Belle Plaine, Iowa.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

CHICKS DEAD IN THE SHELL.

We have been trying several years to ascertain the cause of chicks dying in the shell. We have solved some of the problems, but we feel yet that there is some subtle force at work to cause trouble that we have not yet been able to locate. The Reliable Poultry Journal gives the following causes of this trouble:

"There are a great variety of causes which result in chicks dead in the shell, many of them having nothing whatever to do with the method of incubation. You will always get a certain percentage of chicks dead in the shell whether you hatch in an incubator or under hens, and in the long run the percentage is about the same in either case where ordinary skill is used in the operation of the machine. We believe you will find a well ventilated cellar a much better place for operating your machine than the room adjoining your sitting room. We do not think the number of dead chicks in the shell was excessive considering the season of the year. In many cases the trouble is due to poorly proportioned yolk food, owing to the breeding stock not having a sufficiently well-balanced ration, or because the breeding birds were out of condition. Chilling or overheating the eggs while saving them for hatching is also a common cause. Eggs for hatching should be kept at a temperature of not lower than 40 nor higher than 50 degrees while they are being saved, and the less they are handled the better. If the eggs are kept too long before setting them the chicks are likely to die in the shell from the fact that the germ has been weakened. Anything that will cause weakening of the germ is liable to result in chicks dead in the shell. In some cases rough handling of eggs during the first stages of incubation may be responsible for this trouble."

WATERGLASS AS A PRESERVATIVE.

"Please give the system of waterglass preserving through your columns."
Wisner, Neb. C. H. M.

Waterglass is conceded to be the best method of preserving eggs. This product is to be found in almost every drug store nowadays, since there has been so much inquiry about it. It is a soda silicate or a liquid solution which forms a glassy surface on eggs, hence it is given the name waterglass. The commercial product is not expensive and should be diluted. To one part of waterglass nine parts of water should be added. This solution should be placed in an earthen jar in which the fresh eggs have been previously placed. They should be weighted down so none of the eggs will float above the preservative.

We have a number of letters from persons who have tried this method and all report it successful. A subscriber from Kentucky reports a successful experiment with this product. He processed forty dozens of eggs last September, using waterglass diluted with nine parts water. He was consuming some of them March 21st and pronounces them excellent. He states that the eggs should be carefully "candled" before putting them in the liquid. It may be added to his statement that one cannot buy eggs from all sources and succeed. Eggs from hens that are in good condition, and which are fresh when preserved, will prove more satisfactory. Eggs from hens not with males will keep twice as long as eggs containing the germs of chicks.

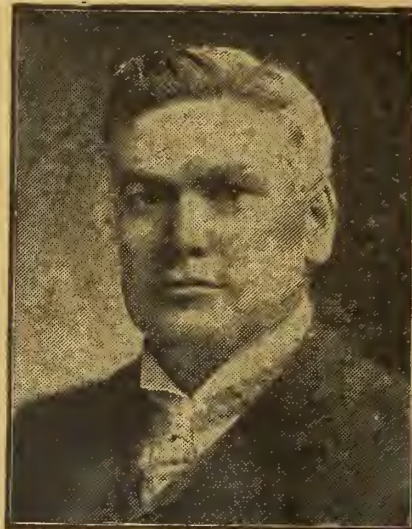
ECZEMA.

We are having a disease in our poultry yard that is giving us some trouble. We have about 600 Barred Rocks that roost in different places in the night, but all range together in the day time. One bunch of 200 is afflicted with some sort of a breaking out on the head and neck, similar to boils, exuding a slimy substance. The disease spreads slowly, but surely. Have treated a few of them with lard and kerosene with poor results.

Van Horne, Iowa.

This trouble is evidently eczema which is caused by food that is too stimulat-

Dr. Williams Cured My Catarrh



T. F. WILLIAMS, M. D.,
CONSULTING PHYSICIAN.

"Pacific Jct., Iowa, March 17, '06.
Dr. T. F. Williams,
Des Moines, Iowa.

Dear Sir:—I write you to let you know I am feeling fine. My ears are much better and I feel better in every way. I will not need any more medicines now.

I have found your medicines to be all right. I have had faith in you ever since I began using the treatment. I feel it my duty to recommend your treatment to other people. Your Inhaler is just the finest thing I have ever used.

If these few lines will help some catarrh sufferer I will be glad. May God bless you and your medicines always. Yours truly,

Ernest Barker."

"Bachelor, Mo., May 6, 1906.
Dr. T. F. Williams,
Des Moines, Iowa.

Kind Doctor:—I have been taking your treatment since the 22d day of April. I think it is fine. I have not the words to express the good I have derived from it. If I continue to improve as I have in the past I will not need any more treatment. But if I should need any more I will gladly send for it. I certainly will praise you for the good you have done me. You are certainly a fine doctor.

Yours very truly,
Mrs. F. B. English."

I Give a Month's Treatment Free!

Which alone should prove to you that I have a cure that cures. Every day I receive grateful letters like the above from my patients. Write me today for Free Symptom Blanks if you have Catarrh of the Nose, Throat, Ears, Bronchial Tubes, Stomach, Liver, Bowels, or any kindred troubles.

CUT THIS COUPON OUT AND SEND AT ONCE.

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,

211-213 Crocker Building, Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name.....

Address



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ing. It is not contagious. The remedy consists in giving two grains of calomel every other night and a one-grain pill of citrate of iron and quinin twice a day for two weeks. An ointment of oleate of zinc applied to the surface will help. Give simple foods such as grass, with cut bone twice per week. Sometimes the birds will get well with no other treatment than a removal of the cause. Don't feed too high.

ANOTHER "HISTORIC EAST" PARTY.

From July 31st to August 31st the F. & L. Excursion Company will conduct another party from Des Moines to Chicago, Detroit, Buffalo, Niagara Falls, Toronto, Lake Ontario, Thousand Islands, St. Lawrence River, Montreal, Quebec, White Mountains, Portland, Boston, Plymouth Rock, Newport, New York, Hudson River, Philadelphia, Washington and Deer Park. Stops at all of above points from few hours to five days. Total expense of trip, including transportation, berths, hotels, meals and side trips, \$155. For full particulars and itinerary, address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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OUR HOME DEPARTMENT

All communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

WITH THE EDITOR.

Once upon a time it chanced that I found myself mistress of a furnished house, the owners of which I had never seen and knew nothing of. Without being of an inquisitive nature I had a not unnatural curiosity about the unknown persons whose dwelling I was occupying. I began to look about me, to put this and that together and draw conclusions. Gradually, to my own satisfaction at least, I tabulated the tastes and characteristics of the Unknown. At the last I could almost have sketched them, so complete a self-revelation did I find in their house and its contents.

At the very first I decided that the unknown owners were persons of some means, of quiet, substantial tastes and of a hospitable nature. That much was evident as one mounted the broad stone steps of the piazza. The dark red brick house was large and solid, and its fine porch, with chairs, big and little, rocking and stationary, were an invitation to restful companionship.

The threshold crossed, the general, the special features of the house, each had its own message. Entering the reception hall one noticed that while one part of the house was all open to the gaze of the chance caller the other was carefully shielded from observation. Neither door nor curtain screened the living room or dining room. Privacy while dining was provided for by a large folding screen. Evidently the Unknown were persons with social tastes, persons cognizant of modern ideas with regard to connecting rooms and open spaces, persons who expected to entertain and to make their home something of a social center. Evidently they also believed that the inner workings of the household were their own business and no concern of the world. Between the dining room and kitchen on one side was a pantry with heavy swinging doors, while between reception hall and kitchen was a closet guarded by close-fitting doors at each side. The life of the kitchen was effectually isolated. The contrast between the frank revelation on the one side and the studied reticence on the other was very marked. However cordial might be the promiscuous hospitality of the Unknown their intimate friendship would be for the few, I fancied.

The treatment of odd spaces in this house threw a flood of light upon the characteristics of the owners. Not an inch of space was wasted anywhere. A corner of the hall passageway was utilized as a lavatory; a foot or two on the other side between two partitions made a place for brooms, brushes and dusters. A jog in a wall gave space for a cupboard above and a flour bin below; the top of the latter fitted with a marble slab furnished a stationary baking board within reach of supplies and oven. Upstairs vacant spaces were utilized with similar ingenuity. In the hall space left over from an unlighted closet made a nook for bedding and linen. In the bath room the space in the wall behind the mirror, fitted with shelves, made a medicine cabinet. If these people were in comfortable circumstances, one guessed it resulted from making the most of every opportunity.

The conveniences in this house—the built-in cupboard of the butler's pantry, with its glassed shelves for china, and its drawers for silver and linen; the well-lighted, commodious closets with their hooks and hangers; the kitchen pantry with its refrigerator which could be iced from the porch; the well-ordered basement with its root and fruit cellars, its stationary tubs and arrangements for heating water; all these, not to mention the numerous labor-saving devices found in the kitchen—made a positive impression upon me. They suggested people who believed in having comforts, who aimed at having as good a time as possible while passing through this vale of tears.

One did not need to look far to discover that the Unknown had interests above mere things. One was hardly across the threshold before seeing that they must be book lovers. There were books everywhere, up stairs as well as down, and a well-stocked magazine stand besides.

Knowing people's friends we know something of them. It was quite wonderful how much I came to know about



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The market is flooded with poor washing machines, free offers, premiums, etc. That is not the cheapest way to get a thoroughly reliable washer. Most of them are expensive and provoking in the long run. Get a guaranteed washer, made by the reliable manufacturer. That's what we want to say to you about the

O. K. WASHER.

It's the easiest washer to operate, the simplest to understand. Our guarantee is backed inside of every machine. The O. K. Washer will handle your biggest washing and do it so much better that you cannot afford not to have one. A beautiful machine, too, painted in maroon and fitted with gilded hoops. No warping because the lumber is Louisiana Red Cypress. The lid is steam proof.

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Also the name and address of your dealer. We'll tell you where and how to get the O. K. washer, and full particulars. Address the factory.

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S. K. HOOPER, GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.



the Unknown. Before half an hour I had discovered the probable profession of the man of the house. Near a desk and typewriter table stood a book case filled entirely with books devoted to biology, apparently the working library of a man, the necessities of whose profession called for acquaintance with and continual reference to authorities on this subject.

Roaming from shelf to shelf I gathered that the Unknown were interested in religion and were probably Episcopalians. If not, how account for Paley's "Evidences" and Baxter's "Saints' Rest," for Dean Stanley's "Life and Letters," Robertson's "Sermons," Kipp's "Double Witness" and numerous volumes of similar character? That they were interested in this world and the life of other nations was evidenced by volumes from the "Story of the Nations," sets of Green, Macaulay, Prescott, Motley, Parkman, and others. Of poetry I judged they were not great lovers, although ancient poetry was represented by Homer, medieval by Dante and modern by Rossetti and Mrs. Browning. That general literature came in for a share of attention there was abundant evidence. And also that someone enjoyed novels and kept in touch with modern fiction. Many of the novels that everyone reads were on the shelves; with them were a good many others which a busy woman like me knows of only by hearsay and through book reviews. The presence of some of these latter was, or might be, significant. To own "Les Miserables," "The Newcombs," or "Ebb Tide" tells nothing; they are classics which it is the correct thing to buy. "The Woman Who Did" belongs to another class.

Rugs whose colors are a symphony, furniture of good line and finish, pictures which suggest love of fine architecture, and the best in art, have a profound significance when found in the home of persons of moderate means. I felt quite satisfied in my own mind that the Unknown were not only intellectual, but cultured; that they were persons of refined taste, art judgment, lovers of the beautiful.

Until the experience above related I had not realized that one's house is, in a way, a mirror reflecting one's character, tastes and pursuits. Since, I have often wondered that more people do not think about it so. A little incident which occurred recently suggests the importance of the matter.

A friend of mine accepted an invitation to call upon a family, some of

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whose members she had met at a social gathering and rather liked. She called, prepared to like them better on better acquaintance, but on being shown into the parlor all desire for further acquaintance died an instant death. "Why," said she, on her return, "the carpet fairly screamed, its colors were so loud. The wall paper was little better, the curtains were pretentious, imitation affairs, and the pictures ugly things in wretched taste. Everything was so common I was shocked. I wanted to get away at once. Nothing would tempt me to go back, and I'm afraid I don't want them to come here, although I had to invite them. You will be shocked, of course, but I feel I don't want to know people who have such abominable taste."

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

For darkness passes; storms shall not abide;
A little patience, and the fog is past.
After the sorrow of the ebbing tide,
The singing floods return in joy at last.

The night is long and pain weighs heavily,
But God will hold his world above despair.
Looking to the east, where up the lurid sky
The morning climbs! The day shall yet be fair.

—Celia Thaxter.

Life is hard enough, and sad enough, at the best for many, many souls. Let us try to give them as much happiness as we can. Speak the pleasant, the appreciative word in time; where it will do the most good. This subject has been touched on before in these columns, but every day shows the necessity for remembering it. Our stay here is so short and there is so much one may do to help others if we will only open our eyes and see it. "Pass on the praise," husbands and wives, parents and children, friends and neighbors, and so add your quota toward making the world better and happier.

FOR A SUNSTROKE.

The person who is insensible from sun-

stroke should not be carried far, as time is valuable. Put him in a shady place and unfasten bands around neck and waist. Strip clothing off the upper part of body and throw water over him. If ice is obtainable, crack it, wrap it in cotton and put it on the head, spine and under arms. If not, use wet cloths, changing frequently. Fanning quickly helps. As soon as he begins to revive and can swallow, give whisky and water. Of course a doctor should be sent for, but he should not be waited for, as it would probably be too late. Wet leaves or a wet handkerchief in the hat are said to prevent sunstroke.

HOW TO THREAD NEEDLES.

When threading a needle in a dim light if the thread is white, hold it against a dark background; if dark, hold it against a light background. When threading a sewing machine by artificial light one's eye is sometimes dazzled by the reflection from the metallic plate. This can be remedied by covering the plate temporarily with a piece of dark cloth.

A SMILE.

Another Advertisement.—The Artificial Nature Company. All the discomforts of camping out without leaving town. Wood ticks and red ants always in stock. Green vegetables thoroughly wilted and on short notice. Condensed milk, with ptomaines developed while you wait. We guarantee to make you as tired as a two-weeks' vacation, and at half the expense.—Puck.

MUSIC OF THE FARM.

O sisters, do you ever think about the pleasant sound?
That, no matter how they're listened for, ain't never heard in town?
The rustling of the corn blades gently waving to and fro,
And the flapping of the tassels when the soft gulf breezes blow,
Now, just you stop one minute, while you listen to the trees
And the warbling of the wild birds, the droning of the bees,
And the gurgling of the brooklet, rippling onward to the sea,
And the lowing of the cattle, grazing homeward o'er the lea.
Then, at twilight comes the singing of the merry katydid,
And the shrill note of the cricket 'mong the shrubs securely hid.
Oh, there's music, music, music, not a sound to cause alarm,
And we feel so glad and thankful when we're living on the farm.
—Effie J. Monts.

PUFFS.

Make a paste with one pound of self-rising flour, a pinch of salt and one-fourth pound of butter; add two well beaten eggs and half a pint of milk. Mix well together; roll the pastry out thin; cut into rounds and line well-greased patty pans with them. Fill with raspberries which have been stewed to a jam with plenty of sugar, and bake for fifteen minutes. Serve cold, with a spoonful of whipped cream on top of each.

QUICK DESSERTS.

Every housekeeper knows the value of an attractive dessert that may be produced quickly upon occasion, when for some reason time presses or the unexpected guest gives a new face to the situation. We can always fall back upon fruit if fine fruit is available, but with many the conscience is not clear as to the whole duty of woman without a made dessert of some kind. Here are a few more, then, of the impromptu class that may be added to the list in the family cook book:

Emergency Pudding.—To be baked while the soup and roast are eaten. Cut thin slices of bread in two-inch squares and arrange in a buttered dish with layers of raisins or figs cut in quarters between; beat two eggs and stir with half a cupful of sugar into a pint of milk and pour over the bread; bake in a quick oven.

A Cherry Cream.—Arrange on a round platter lady fingers in the form of a star; whip a pint of cream and heap in the middle; dot the top with maraschino cherries, pouring the cordial over the lady fingers. Handsome, dainty and satisfying.

WITH THE JULY FRUIT.

Sweet Cherries To Can.—To stoned cherries (enough to fill a quart can) add two-thirds of a teaspoonful of sugar and two-thirds teaspoonful of rhubarb juice; cut the rhubarb into inch lengths and bake in a covered dish, and strain through double cheese cloth. When the cherries are tender by boiling, fill cans and seal.

Sweet Cherries Pickled.—To every quart of whole cherries allow a teaspoonful of vinegar, half a teaspoonful of sugar, a dozen cloves, and half a dozen blades of mace; boil the sugar and spices five minutes; add the vinegar, and when cold pour over the cherries packed in quart cans, and seal. Are ready for use in twelve hours, or will keep indefinitely.

Cherry Conserve.—To every pound of sour stoned cherries use a pound of sugar. Be careful to save all the juice. Put them into a deep dish and strew over half the sugar.



Cut off that cough with
Jayne's Expectorant
and prevent pneumonia,
bronchitis and consumption.
The world's Standard Throat and Lung
Medicine for 75 years.
Get it of your druggist and keep it always ready in the house.

Now let lie two hours; then put in a preserving kettle; add the remainder of the sugar, and cook until soft, and the sirup clear. Skim if froth rises. Put in pint cans and seal.

Raspberry Jelly.—Choose berries which are not quite ripe; cook till soft, adding very little water; strain through a jelly bag and allow one pound of sugar to each pint of juice; put the juice on the stove; heat the sugar in the oven while the juice is boiling, stirring it frequently from the bottom. When the juice has boiled twenty minutes, during which time it has been repeatedly skimmed, drop in the hot sugar and stir constantly. Let it just come to a boil and put at once into the jelly glasses. To prevent breaking the glasses some housekeepers place them on a folded towel wet with cold water, while pouring in the hot jelly. When perfectly cold cover with melted paraffin, which will harden quickly; then tie over brown paper to keep out dust, unless you have covers for your glasses.

AMONG OURSELVES.

As men do not honor us by their company in great numbers, when one does rise to his feet the president makes it a point to give him the privilege of the floor at once. Mr. J. B. Young comes in response to the questions propounded by Mrs. McKelvie:

As I have a desire to help Mrs. McKelvie, and men are invited, I would knock for admittance. I do not know that I can answer any of her questions to her satisfaction or all of them to my own, but some of them I think I can. About men thinking they will go to heaven because their wife is a Christian, I don't believe they really think so, but have to have some excuse. I think a great many of the faults of men are due to their training, and as most men have been trained by some woman, who is to blame? If there was not so many Johnny Don'ts and Tommy Don'ts there would be more John Do's and Tom Do's. We all know how it is when a boy gets ambitious and full of life, how he is snubbed when he runs into the house with muddy feet, and on stormy days he is scolded for making a noise, until he comes to feel that he is not wanted around in the way. And then he is hurried off to the kindergarten as soon as possible and there gets acquainted with other boys in the same circumstances and they plan to spend their spare time together, playing marbles, fishing, etc., with their parents' permission at first and their knowledge of where they are. Mother feels relieved that they are out of the way, but there comes a time when the boy does not always ask permission or tell where he is going, and as he does not seem to be missed much, he spends his evenings down town if he lives in town or at the general store at the "corners" if in the country. Thus he keeps drifting on into things that take his leisure time until he belongs to clubs and lodges enough to demand most of his earnings and some of his nights, and don't you think it is hard for him to break away from these things later, especially so if he is nagged at home for doing things that are not just to the liking of the women folks? Don't you think it would pay better to sympathize with the boy and bear with him than to push him out into this cold world to find enjoyment and to satisfy his ambitions to be everlastingly busy at something? I am not pleading for myself, as I happen to be an exception to the rule, thanks to a mother that made a confidant of her boy. I am now 1,100 miles from that mother, and have a wife and two boys and four girls of my own, so you see that I am not an "old back," nor am I tied to mother's apron strings, and I have found that it does not hurt a boy's manhood to be his mother's friend. Now, I think that women are in the best position to better the conditions that Mrs. McK. complains of, and if she has a boy that she would like to be a model husband for some Christian girl, let her reason with him about this very question. Let us repeat that a mother's influence goes a long way toward the making of the man. Here is a question to discuss, should any desire to do so: "Which is the happier home, that with or without children?"

There is sound wisdom in what Mr. Young says. If there were more faithful competent mothers in one generation, there would be an increase in the number of good husbands and fathers in the next. There is no gainsaying that. I wonder if there is not a connection between unsatisfactory husbands and the question which M. L. N. comes to ask:

You invite us to write, so I thought I would write just a few words. The question is, "Ought a girl eighteen years old to marry?" I say no, but how many are there who say yes. I believe that a girl ought to have a girlhood and enjoy it, but if she marries when eighteen years old she has no girlhood—she passes right from childhood into womanhood. Mothers, why don't you teach your girls that marriage is not all play? Why are there so many divorces? Because the children (I don't believe that

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we can call them grown-up people) don't know what they are doing. After they are married a couple of years they find out they made a mistake in marrying so early. Now, I don't say all who marry young make a mistake, but most of them do. And don't think I am an old grandma, because I am not; I am just a mere child yet. But, mothers, speak to your girls and try to make them understand what married life is, and let them try for themselves and see if they really do love the boy they think of marrying. If they find out they don't, well, it is better that the break come before they are married than after they have been married a couple of years.

The question of early marriage is important. It has also more than the side suggested by M. L. N. Let us have the other, and further discussion of the whole subject. I wish some man, taking courage from Mr. Young, would give us his views on the subject. It is when social questions are settled not by men alone nor by women alone, but by men and women together, that they will be satisfactorily answered. "Chariton" drops in for a little chat and behind her stands Mrs. Polly:

I agree most emphatically with Mrs. Lo-water about borrowing. It is seldom necessary if one manages properly. If you borrow your household supplies, if you are honest, you send home a little more than you got, and that counts up in the course of time. And if a farmer borrows tools it is not right to borrow without paying for their use and that would not be borrowing. One farmer of my acquaintance has tools of all kinds. He has loaned them until some are nearly worn out and I don't suppose the borrowers think any more of him than if it had been the other way. I think, too, we might change the routine a little by writing of the outdoor beauties, but perhaps we could not write so readily. Out-of-doors is beautiful to me at all times. Even when the trees and ground are bare I can see beauties in sky and the distant hills. I often wish I could have the views I have from my back door in a picture. I prefer a farm life. If one wants to work he can find as much one place as another, and there is no necessity for country children being ignorant or awkward.

I would like to say to Mrs. C. M. H.: By all means buy hats for your little girls. It saves so much bard washing and ironing, and washing is the hardest work I have to do, and the work I dread the most. During the hot, sultry weather last year I wore a man's fifteen-cent straw hat, fastened on with a hat pin. I'll never make another sunbonnet, though they do keep off tan and sunburn. My husband often said to me, "I don't see how you can stand that hot bonnet. Take it off and wear a sunhat." One could buy the ten and fifteen-cent boys' and men's straw hats and trim them quite prettily with a little fresh ribbon and fasten with lawn or ribbon strings. Let us try to save ourselves all the drudgery we can. I am a believer in good honest work, too, for work is the world's salvation, but too often I know we get our hands on the muck rake and keep them there, too busy to see how beautiful the world can look sometimes, and too busy to talk to a neighbor who chances in of an afternoon.

For next week's meeting there are some good things in store—some very good things. It is so warm now that

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the wise woman gets her work pretty well out of the way in the early morning, or puts it off until the cool of the day. So there is time for visiting Among Ourselves between times. Let us make our summer meetings especially good and so gather heart of courage for duties which are apt to be irksome when the thermometer is hovering near 100.

Dressmaking and Millinery—No. 524.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor the editor of the Home Department.]

A successor to the suspender waist is seen in the skeleton waist that is having considerable vogue just now, and these are so simple and easily made that one needs only a description to enable her to construct one for herself, without the aid of a pattern, or even a picture. One needs a plain waist or a pattern for such, and most of us have the latter. It may be a shirt waist, preferably one that closes at the back, but either will do. The "skeletonizing" process consists in cutting away portions of the garment, and this may be done almost at will. At the neck it may be cut out in square, round or pointed outline, and to any desired depth, so that the cutting terminates a little above the waistline or belt. A "slice" in any of these shapes may be cut out between the top of sleeve and the neck

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edge. Starting a little forward of the shoulder seam the arm-hole may be cut out to such a size as suits the fancy. The back may be similarly treated. Then all the edges must be given such a finish as pleases the individual fancy. It may be simply stitching, or a narrow edging of lace or embroidery, or even of braid may be applied to all the edges. This skeleton waist is to match the skirt with which it is worn, and is itself worn over one of the lingerie or fancy white waists that is certain now to be found in all our stocks.

round length if the slight train is not desired. For any variation in length other than this, one must add to or take from the length of the pattern for herself, as the patterns are already put up, and I cannot make any alterations, but as this change may be made at the bottom it is not a difficult matter. The garment may be made up with the half low neck and the elbow sleeves as shown in the large design, or the yoke and sleeve-extensions may be used. The closing is made at the back, but a front closing is easily effected if one prefers it. I would do only half justice to the princess design if I did not call your attention to its use as a house gown pattern, for many use it for this purpose alone, and it makes up charmingly. It may even be shirred across the back, only when used for a wrapper pattern, or the shirring may be omitted altogether and a

belt be worn if the fulness is to be confined. Pattern No. 5376 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure. One may easily alter to a larger size if desired. There is a lining that may be used or omitted. A very pretty design for a house jacket to be made of the dainty summer goods now being sold for a song is the one pictured in No. 5265. The fulness at the waistline is adjusted by means of tucks, but shirrings or a belt only may confine the fulness. Collar and sleeves are in novel design, and are pictured elaborately made, but simpler modes may be used. Pattern No. 5265 is cut in sizes for 32, 34, 36, 38 and 40-inch bust measure. Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.



[5376—Seven Gored Shirred Princess Gown, 32 to 40 bust.]

As the garment thus cut out may be slipped on over the head it is not necessary that any provision be made for closing at either front or back, and this is to be taken into consideration in using a pattern in either mode of closing.

Among the various modes of the princess gown those in the shirred form continue to find especial favor, possibly because these are especially adapted to the thin materials of the season, as well as because of their easier management by the amateur. They



[5265—House Jacket, 32 to 40 bust.]

do not require the "perfect fit" that must necessarily characterize the smooth-fitting forms. One of the most charming designs for the shirred princess is illustrated in No. 5376, which is a seven-gored model, the waist and skirt being in one, exactly as are the waist and skirt in the fitted princess. The pattern is perforated for taking off at

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Pleasant Fields of Holy Writ

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair. —Tennyson.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON

Third Quarter. Lesson III. Luke X, 25-37. July 15, 1906.

The Good Samaritan.

Another pearl in the lovely and priceless strand of our Lord's thirty-three parables, one of unusual size, weight, and luster, claims our attention.

It is hard for us Occidentals to appreciate the license taken by Oriental audiences in the midst of public discourse. They express their approval or dissent not only by facial and manual gesture, but by audible word. Discussions spring up among the auditors, and the speaker often has a running accompaniment of comment. So it was no novel thing that in the midst of Jesus' discourse the voice of a teacher of Jewish law rang out, "Rabbi, what shall I do to inherit eternal life?"

It was a mere dialectic gauntlet tossed at Jesus' feet. The schoolman would fain convert that Perea roadway into an arena where he could display his hardihood and skill with his logical lance. He should at least be given the benefit of a doubt of having any special animosity against Jesus. Sacred things to him had lost their sacredness. Law and prophets were only an armory for wit and subtlety.

The Master takes him upon his own ground. "Thou art versed in the law. Mayhap you have an answer in the textbook of your own phylactery?" The lawyer's response is quick and apposite. As in a flash one sees how superior the religion of the old covenant was to the current religion of Judaism. They had ceased to be identical. The religion of God was love, but the religion of Pharisaism was a narrow and cold system of dialectics.

The lawyer, conscious of his inability to keep the law in its full breadth, would fain enter his Pharisaical refinement upon it in the question, "Who is my neighbor?" Jesus had driven the matter home to his heart, but he will dextrously fend it off with his dialectic. Jesus finds the pledge of eternal life in the subjective state; this religious dodger begs to know the objective status of those toward whom he is to exercise himself. If they are Jews and friends he will love them. More than that the paraphrases, tag-rums and what-nots of Pharisaism do not require of him.

At this point the wideness and purity of the love which God instills in the penitent and trustful soul is flashed out in one of the most incomparable parables that ever dropped, even from the lips of Him who spake as never man did.

The site of the story was notable, not to say notorious; the personae, a wounded traveler, a priest, a Levite, a Samaritan. The priest and Levite show us "how not to do it." They palliate and excuse themselves. The sufferer may not be a Jew; if so, the law, as they interpret it, makes no demand upon them. Even if a Jew, he might die while they were binding up his wounds; and if he did, they would be ceremonially polluted and disqualified from temple service. Ah! how they had failed to learn that, if God could not have both mercy and the ceremony of sacrifice, he would choose mercy always.

The Samaritan does not stop to parley; he just neighbors the unfortunate man, and that is the end of it. He does it heartily and thoroughly. That naked and ensanguined form makes its own plea to him, and makes it not in vain as to the others. He opens both heart and pocketbook. The commercial trav-

eler is transformed into the trained nurse as he sits the night watches through by the sufferer's side. Only when he reached the boundary of another duty did he leave him. Even then he projected his aid into the future by the deposit he made, and the pledge he left.

Again, and this time beyond appeal, Jesus casts the matter back into the heart of his interlocutor, where it belonged, saying: "Who neighbored the unfortunate man?" To this, of course, there could be but one answer: "He who, rid of all racial prejudice and all selfishness, loved his fellow, and that, too, in none of the sentimentalism which etherealized in sighs and tears and flourish of lavender-scented cambric, but materialized in wine, oil and pence, a saddle and a couch."

Any Christianity which falls short in this test is unworthy of the name of Him who said, "Do thou likewise."

Analysis and Key.

1. A pearl of a parable. Greatest in the strand in some respects.
2. Circumstances under which spoken. Freedom of Oriental audiences.
3. A question interjected. Only a dialectic gauntlet.
4. Jesus' skill. Takes man on his own ground. Has him answer his own question. Decline of practical religion revealed. Love vs. Dialectics.
5. Dialectical refinement upon "neighbor" attempted.
6. Jesus responds with the incomparable parable. Term neighbor not defined. Subjective state which makes a man neighbor to everyone illustrated.
7. Terse application. "Do thou likewise!"

The Teacher's Lantern.

To this day a public speaker in the East needs to be ready at repartee. He is target for questions and, if he cannot answer or foil them, he instantly loses prestige with his auditors. A missionary in the streets of Bombay was getting on famously with his hearers until a pundit passing called out contemptuously: "The man who invented illuminating gas did more for the world than your Jesus!" The missionary retorted: "When that man comes to die he will send for a gas fitter, I suppose." The speaker more than regained his audience.

The lawyer saw an opportunity to air his erudition—to tempt this influential rabbi into the mazes of cunning dialectics and subtle casuistry, in which he hoped to snare him, and thus elevate himself in public esteem.

Do to inherit: The question is based on the false notion that eternal life is of works. There is no consciousness of human inability and guilt. The lawyer would not have known what that means—

"Lay your deadly doing down,
All down at Jesus' feet."

But the lawyer finds the way of legality as hard and forbidding as Bunyan's pilgrim. He hedges right away. He can love his neighbor, if he is allowed to define the term neighbor.

Jesus does not himself define the term neighbor; but by an example, irresistible in its charm, He shows that subjective state of heart which makes a man neighbor to all his fellows.

Divine religion has its mark in that it is epitomized with extraordinary facility. The scribes heaped up great casuistical



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burdens for men's backs. Their prohibitions and positive precepts were fairly bewildering and interminable. But Jesus sweeps them all aside, puts instead of them one word—love.

And by chance there came down a certain priest that way—better by concurrence. A better definition could not be given; not, indeed, of providence, which is a heathen abstraction for which the Bible has no equivalent, but for the concrete reality of God's providing. He provides through a concurrence of circumstances, all in themselves natural and in the succession of ordinary causation (and this distinguishes it from the miracle), but the concurring of which is directed and overruled by him. And this helps us to put aside those coarse tests of the reality of prayer and of the direct rule of God which men some time propose. Such stately ships ride not in such shallow waters. Luke x. (Ederheim II, 238.)

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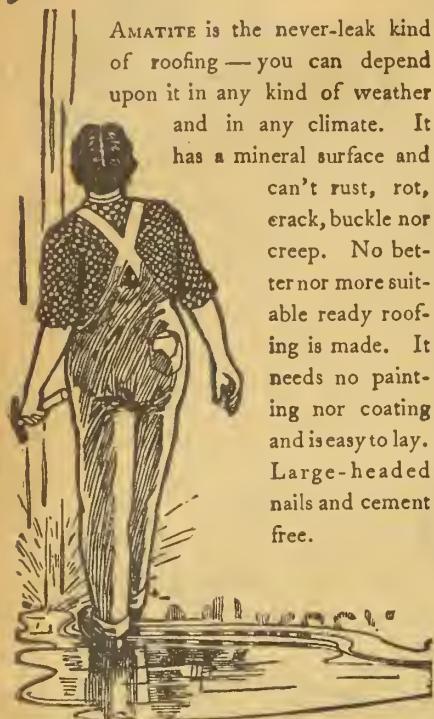
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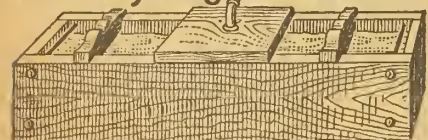
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OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

FITTING SHEEP FOR THE SHOW RING.

On this subject Professor Curtiss, of the Iowa Experiment Station, says: "They should have good individual excellence or all else will fail. Whether the animals to be shown are lambs or older sheep the methods are the same. Lambs will begin eating grain at about a week or ten days, at which time they should have a creep and a feed trough to themselves in which they may have access to a grain ration in the most tempting form. For this purpose a ration consisting of equal parts of wheat, bran and oats, with a little oil meal added to it, will be found very satisfactory. The addition of rolled or cracked wheat and cracked corn later will improve the ration. In addition to the grain ration and the best quality of clover or alfalfa hay it is necessary to provide variety of green feed for the show sheep throughout the season in the most acceptable form. There is usually no trouble about a supply of green feed early in the season, while the clover crop is at its best. Following this a succession of peas, oats, rape, alfalfa, clover aftermath and cabbage should be provided. The kinds of green feed to be used will vary with the locality. The root crop is a most important adjunct. In the northern latitudes the rutabagas or Swede turnips are most acceptable of all root crops. In the Mississippi valley, however, this crop seldom does well south of a latitude of about 42 or 43 degrees. Mangels and turnips may be grown farther south, but they are not as satisfactory for feeding sheep. Kohlrabi and carrots furnish good feed, though they are not as easily grown. Alfalfa and cabbage are good substitutes and should be used freely. During the latter part of the season ground peas should be added to the grain ration, as they constitute an excellent feed for finishing sheep in show form with prime quality of flesh. Cracked wheat may also be used with excellent results. A ration consisting of equal parts of bran, oats, cracked wheat and ground peas will be found excellent for finishing show sheep. Oil meal may be used during the early part of the feeding period, but it should be used very sparingly if at all in the finish, as it has a tendency to make soft flesh. For show lambs, no single feed will promote growth and development as well as milk, and, like the oil meal, it may be used to best advantage during the early stages of the feeding. Toward the close the milk may be largely or wholly replaced by grain. During the summer months it is very important that show sheep should have cool, clean, well ventilated quarters. These quarters should be bedded with dry, clean straw and the sheep kept absolutely quiet and free from disturbance. They should have the run of a good-sized paddock morning and evening and may be left out in a grass lot at night until the show season approaches. Exercise is another essential to the sheep that are being fitted for the show ring."

Professor Curtiss gives the suggestions of a veteran showman and a skilled feeder, who can fathom the appetite of his animals, and one who can coax a dainty sheep to do its best. All exhibitors are nowadays expected to trim and color according to their fancies. Trimming and coloring do not influence judges, but spectators like to see them looking well. The judge handles each sheep and knows the contour of the body.

Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa Section, from the central station at Des Moines, Iowa, for the week ending July 9, 1906:

There was an average daily deficiency of 4 to 6 degrees in the temperature of the past week. The days were moderately warm, but the nights were cooler than usual in the first week of July. Except in a few localities the rainfall was below the normal, but there is an ample supply of moisture in the soil for the present needs of all crops. The cool nights and moderate warmth by day afforded excellent conditions for the growing crops of spring wheat, oats and barley, checking the spread of rust in the late seeded fields. And there was sufficient



Poland China Barrow. Age 18 months. Weight 1,035 pounds. Fed on Iowa Stock Food Bred and owned by Peter Flouw, Orange City, Iowa.

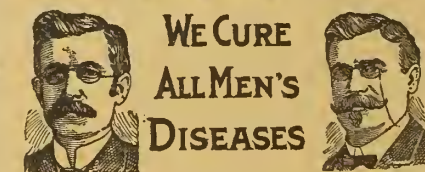
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Any farmer can put them in with very little help. Shipped in any desired length and on short notice. Farmers everywhere are now ordering our riveted steel culvert pipe. Write us for prices. Address,
S. G. HUNTER IRON WORKS, ATLANTIC, IOWA.

warmth for the healthful growth of corn, which is now being laid by in very fine condition. In the southern districts the bulk of the crop has been laid by, and in all districts good progress has been made. Haying is well begun, and the quality of the crop this year is very good; the yield is generally below normal. Winter wheat, rye and early oats are being cut in the southern section, and the yield is fair to good. All minor crops are doing well.

Following is a summary of the July 1st estimates received from correspondents of the Iowa Weather and Crop Service: Corn, 99 per cent; wheat, 94; oats, 84, rye, 93; barley, 91; flax, 92; potatoes, 94; hay, 75; pastures, 83; apples, 70; grapes, 85.

HOMESEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.
On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each

month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

....LANDS AND HOMES FOR SALE....

FARM LANDS FOR SALE.



THE CHEAPEST AND THE BEST ON THE MARKET.
1 ILLINOIS lands are in southern Minnesota and South Dakota; in Yellow Medicine county, Minnesota, and Deuel county, South Dakota, in the fourth tier of counties north of Iowa. You can raise anything in these parts that you can raise in northern Iowa. A good corn and stock country. These lands lie well, good black soil. Failures unknown in these parts. Lands for one half the price that you can buy Iowa lands for. Improved farms from \$30 to \$40 per acre, wild lands from \$20 to \$30. Why go to North Dakota and Canada and pay practically the same for those lands that you would pay us? Buy your round trip tickets to Gary, South Dakota, over the C. & N. W. Ry., take receipt, bring the same to us, we will refund your fare on any purchase. Excursions every Tuesday. For full particulars write, **GEORGE W. JOHNSON LANDS COMPANY,** State Bank, Gary, South Dakota.

IOWA FARMS

120 ACRES 4 miles from town of 8,000 population; fine, level, black prairie land; well improved; good home farm. Will sell on favorable terms. 160 acres 6 miles from Independence; 2 miles from creamery, store and blacksmith shop; near school and church; rich land; good improvement; good orchard and small fruit; fine home. 200 acres 5 miles from Independence; 3 miles from a good market town; good black land; well improved. Write for prices and terms and send for our new list with pictures.

NORTHERN IOWA LAND CO.,
 INDEPENDENCE, IOWA.

A FORTUNE IN LAND

IN the sunny Snake River Valley of Idaho—this irrigated land will produce three times the crops that can be grown in any of the central states. Soil two to fifteen feet deep. \$30 to \$100 per acre with perpetual water rights. Easy terms. Good local markets. Also city property. Write at once for full particulars to

S. T. HAMILTON & CO.,
 305 Perrine Bldg., Twin Falls, Idaho.

STRICTLY GOOD FARMS CHEAP

FOR past seven years have been Cashier the Parker (Kansas) State Bank and for five years prior traveled over Missouri, Kansas and Texas. If you contemplate a move to any place in this territory, write me for information. Will reply to you candidly. I own 1,000 acres and have sale of much more. Address,

W. H. Slaughter,
 Room 221 Dwight Bldg., Kansas City, Mo.

FARM BARGAINS.

160 IMP. 60 mi. south Kansas City. This is to settle an estate. It's worth \$50, must be sold by Aug. 10th. Price \$27.50.

160 ACRES, near Iowa line in Minnesota, it's fine, level, black land, "dirt cheap", price \$32.50 per acre. Write us about free excursions to Pan-Handle, Texas, special cars.

WESTERN FARM LAND & REALTY CO.,
 908 N. Y. Life Bldg., Kansas City, Mo.

NORTHERN FARMER You can come here, enjoy a delightful climate, invest only a moderate sum, and make a fortune in a few years. I'm a property owner, well posted, and only ask the opportunity to tell you about it. Address,

B. C. WELCH,
 Meridian, Miss.

857 ACRES 857

1 MILE from Lacygne, Kansas; fine bottom farm; residence, 8 rooms; barn, 36x60; all outbuildings; fine water; fenced. Price \$50 per acre. \$10,000 cash. \$15,000 first mortgage, balance trade. J. A. Russell & Co., 818 Wyandotte St., Kansas City, Mo.

Farm Loans a Specialty.

IF you want a reasonable loan on your farm at low rate of interest I can place it.

DEFOREST BOWMAN, BROKER,
 709 Citizens Nat'l Bank Bldg., Des Moines, Ia.
 Local solicitors wanted throughout Iowa.

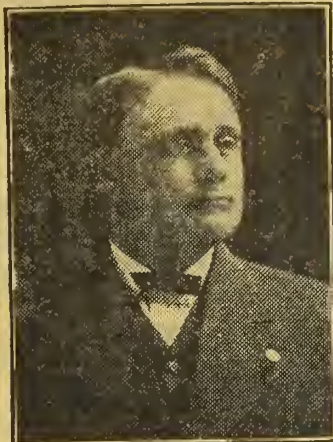
FARMS In western Kansas at owners' prices.

Dodge City Realty Co., Dodge City, Kan.

BECKTELL, THE LAND MAN
 OF BACKSVILLE, Stafford Co., Kan., sells wheat land to the west line of the state. Write him. State map free.

"A Bunch to Start—A Bunch to Finish" can be avoided by following directions given on page 5 by the Litchfield Mfg. Co. Read it and watch their space next week, for the little Indian proposition.

SUMMER TOURIST EXCURSIONS
 Via Chicago Great Western Railway to points in Alberta, Arizona, British Columbia, California, Idaho, Montana, Oregon, Washington, and Mexico City. Stopovers and side trips allowed. Tickets on sale daily to September 15th. Final return limit October 31st. For full information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.



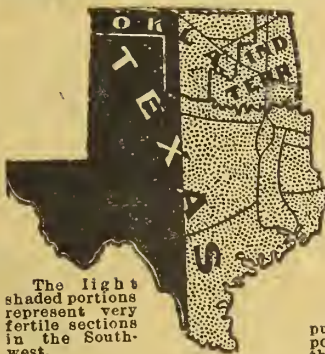
A HOME AT A BARGAIN

J. W. Everman & Company have contracted for forty thousand acres of land which will be sold as colony stock. This land has railroad and switch through it. Thirty miles from thriving town. Three hundred acres to be cut up in town lots; the remainder of tract will be sold in eight acre lots for the sum of six hundred dollars each.

The Entire Stock Has Been Sold.

J. W. EVERMAN & COMPANY,
 GALLATIN, - - - MISSOURI.

You Can Raise Big Crops in the Southwest



The light shaded portions represent very fertile sections in the Southwest.

It is the rule—not the exception—for the farmer in the Southwest to raise 30 bushels of wheat to the acre; 60 bushels of corn; 90 bushels of oats, and 5 tons (3 cuttings) of alfalfa. Such a thing as a crop failure is almost unknown. With big yields, sure crops and uniformly better prices for all he raises, the Southwestern farmer is exceptionally prosperous. When you consider that these big results are produced from land that costs only a small part of what land cost in your locality, you will get some idea of the opportunities open to you in the Southwest.

Now is Your Opportunity!

You can sell your present farm—pay off the mortgage and have enough left to buy a big farm in the Southwest that will make you independent in a few short years.

The "Coming Country" Free!

The "Coming Country" is a very interesting paper published monthly and devoted to the Southwest. It will post you on conditions in the Southwest better than anything that you could read. I'll be glad to have the publisher place your name on the mailing list and send you a free copy of the paper regularly for one year. Write now to

S. G. LANGSTON, Sec'y., M. K. & T. Land Bureau, 306 Wainwright Bldg., St. Louis, Mo.



WE BUILD YOU A HOUSE FREE OF CHARGE

and sell you fertile land at a low price and on easy terms, within 25 miles of St. Paul and Minneapolis. This is the greatest proposition ever made to readers of this paper. You have your choice of 40 acres or more out of two million acres of the splendid lands of Northwestern Wisconsin. **The price is only \$7. to \$12. an acre,** and to give you a good start we will build your house on the land. The finest climate in the world, pure soft water, ample rainfall, fuel for years on your own land, near to the finest markets. This with a FREE HOUSE and land that will grow the FINEST KIND OF CROPS. What more can you ask! Write TO-DAY for MAPS and FULL INFORMATION.

AMERICAN COLONIZATION CO.,
 Cumberland, Wisconsin

603 Opera House Block

WE GIVE YOU TEN YEARS TIME

in which to pay for

Farm and Ranch Land in Kansas, Nebraska and Colorado

All you need to make the land pay for itself and also make you and your family independent for life. Low Prices. Write for full information. FREE.

B. A. McALLISTER, Land Commissioner,
 Department E U. P. R. R., Omaha, Nebraska



FREE HOMESTEADS AND CHEAP LANDS IN COLORADO

WE can locate you on a homestead adjoining land that we are selling daily at \$5 to \$12 per acre. Some well improved farms in same sections. Wheat, 30 to 45 bushels per acre. Alfalfa and other good crops. No dry weather. We locate you for \$100, pay all your expenses, including filing fee, railroad and livery bill, and sell you lands adjoining your homestead at bed rock prices. Go with us next Tuesday. We give especially low rate on that date. For further information address or call on Charles Scharff or A. J. McColl, 432 Good Block, Des Moines, Iowa.

BUY A FARM NOW.

ALL good FARM LAND must advance with our A increase in population. We sell good land in KANSAS and TEXAS, at \$6 to \$10 per acre. Good climate; good water. One crop pays for the land. JOIN OUR NEXT EXCURSION.

T. CARRABINE & CO.,
 Opposite P.O., 403 Century Bldg., Kansas City, Mo.

Investors, Farmers, Stockmen. Colorado Lands—Real Bargains.

FOR example: Five sections, Deer Trail, Colorado. \$3.25 per acre, very easy terms. Living water, fine soil, proposed ditch. We wholesale and retail. Write us.

W. F. SHELTON LAND AGENCY,
 215 Sheidley Bldg., Kansas City, Missouri.

FOR SALE OR EXCHANGE.

468 ACRE farm in Dunn county, Wisconsin, level land. 350 acres in cultivation, two sets of improvements. Want live stock, city property or merchandise. Address, **BOX 151, INDEPENDENCE, IOWA.**

DON'T GO WRONG

and its crops, before you decide—then you'll buy here. Write to

E. E. McCall, - - WINTERSSET, IOWA.

IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1908 descriptive list. Address, **Wintersset, Iowa.**

J. G. SIKKIVER, - - WINTERSSET, IOWA.

DO YOU WANT THIS?

2880 ACRES alfalfa, wheat or stock ranch Finney Co., Kan. \$3,000 actual improvements on the land. 1500 acres finest shallow water alfalfa soil. 175 acres in crop. \$12 per acre. **W. H. Stanley, Garden City, Kan.**

A WORD TO THE PRACTICAL FARMER
WHAT is the use of keeping paying such high rent and so much interest in a northern state when you can buy land so cheap in KANSAS? Short winters, long summers and lands that produce.
M. A. Nonken Land Agency, Peabody, Kan.

3,000 KANSAS FARMS
RANCHES, merchandise, hardware, etc., for sale and trade. Largest list in the state. **DUNLAP LAND CO., Abilene, Kansas.**

Write for State Map, Booklet and Weather Report. Sent Free.

BAZEL J. MEER, Chillicothe, Missouri.

MISSOURI FARMS.
COLORADO, ROUTT COUNTY, IRRIGATED RANCHES. B. L. Dart, Yampa, Col.

We Will Take In

Registered Stock

As part payment for some of our first class improved

North Dakota LAND

The best in America. Send for our illustrated land book. Write us what kind of stock you have and how you wish to deal.

J. B. STREETER, JR., COMPANY,
 BANKERS,

Larimore, North Dakota
 Capital and Surplus, \$250,000. Responsible Agents wanted everywhere.

LAND, LAND, LAND. Cheap Nebraska Lands.

WE can sell you land in Lincoln, Keith, Perkins, and Deuel counties. All rich soil, at from \$3 to \$12 per acre, and will sell you land in Buffalo, Dawson, Custer, and Phelps counties, at from \$10 to \$20 per acre. We hold the belt of cheap Nebraska lands. Write us for our new price list just out. We sell dirt cheap.

W. F. SMITH REALTY CO.,
 KEARNEY, NEBRASKA.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
 415 KANSAS AVENUE, TOPEKA, KAN.

FREE.

A Vest-Pocket Indexed Township Map of the STATE OF WISCONSIN, and also information about the Selected Hardwood Timber Lands, Drained Marsh Lands, and other varieties of land owned by me. Write me if you wish to find a new home in a good farming community. We have good climate, good water, good schools, good roads and good crops. Prices and terms reasonable. Address,

WM. J. STARR 23 Ingram Bk., Eau Claire Wis.

KING AND QUEEN COUNTRY.
CORN is King and Wheat is Queen in northeast Kansas. Bluegrass sits in the shade of fine tall timber and judges herds of fine stock and with Alfalfa, Clover and Timothy execute the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want to.

S. M. Strawn, Valley Falls, Jefferson Co., Kan.

For Exchange.

\$8,000 STOCK of clothing; the only one in a town of 1,000 inhabitants; annual sales, \$18,000. Good clean stock. Will discount 12 per cent. For 160 or 200 acres Northwestern Iowa land. **L. S. GRAY, WEST BEND, IOWA.**

Central Missouri Farms

IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address, **W. Ed. Jameson, Fulton, Mo.**

JOIN MY ARKANSAS COLONY

AND get a good home where land is cheap and the climate fine. Write me your wants by return mail. **F. H. PETTS, WARSAW, MO.**


WRITE TO

J. E. ROMER, EMPORIA, KANSAS,
FOR nice wheat land in Kansas and Texas. Price from \$4 to \$8 per acre. Raised from 20 to 30 bushels per acre.

LOOKING FOR LAND?

LANDS in the great Solomon Valley. Crops are corn, wheat, alfalfa. Prices low considering quality. Write for list and map. **DOWNS REALTY CO., DOWNS, KANSAS.**

**Better
and
Cheaper
than
Shingles**



Robert's Ready Roofing

Full Roll, 108 Square feet (2-ply), for **62¢**

The Robert's Ready Roofing is reliable, will give excellent service and will last as long as the building. No other roofing will give the satisfaction at anywhere near this price. Is made from extra selected long fibre wool felt, thoroughly saturated with an insoluble waterproof composition, making a solid, flexible fabric, absolutely waterproof. FREE SAMPLES of entire line of Building and Roofing Papers sent free, postpaid, on request. But you can send your order direct without waiting for samples, under our binding guarantee that the goods we send will prove perfectly satisfactory in every way, or we will return your money and pay freight both ways. The T. M. Roberts Co-Operative Supply Co., Dept. H77, Minneapolis, Minn.

BINDING TWINE 9½¢ lb.

Free on board cars Chicago. We will fill telegraph orders for twine if your express agent or banker telegraphs us money has been deposited subject to our order.

9½¢ lb.

For best grade Standard Binding Twine free on board cars Minneapolis, Minn. Send for free catalog R, of building material. It will save you 25 to 50 per cent on hardware, sashes and doors, roofing, etc.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Treatment For Plant Lice.

To the Editor of The Homestead:
Many inquiries and complaints have been heard this season concerning a small green insect which comes in droves and literally sucks the life out of the leaves of some trees, principally plums. This insect is the plant louse or aphid. It is present every year, but seldom in sufficient numbers to do any damage. The reason that it is usually harmless is that it has two natural enemies, the lady bug and the lace wing, which keep the numbers so low that little harm results from its attacks. This year these insects are not able to cope with it and in many cases it will be necessary to use some artificial means.

Two spraying mixtures are advocated for this pest, kerosene emulsion and tobacco infusion. The formulas follow:
FOR KEROSENE EMULSION.
Kerosene2 gallons
Rainwater1 gallon
Soap½ pound
Cut the soap fine and put in the rainwater. Boil until the soap has dissolved. While still hot pour into the kerosene and churn briskly for five minutes. An old dash churn is excellent for this purpose. The mixing and the churning should be done at a safe distance from the fire. Before using, dilute with from six to nine parts water.

FOR TOBACCO INFUSION.
Tobacco waste or stems.....1 pound
Boiling water1 gallon

Add hot water to tobacco and let stand until cool. Strain and add one pound whale oil soap or two pounds of soft soap to each fifty gallons. The tobacco stems or waste can usually be obtained at any cigar factory.
For spraying on a small scale the tobacco infusion is more satisfactory, but for a large orchard it is best to use the kerosene emulsion. The tobacco infusion is harder to make on a large scale, but very easily prepared for limited use. The kerosene emulsion, as it is made in concentrated form, is well adapted to orchard use on a large scale. It is also more economical. With careful use both seem equally effective.

Polk Co., Iowa. Franklin Brown.

Echoes From a Kansas Farm

By Henry Hatch

The more enthusiastic believe that even the lightning bugs will be using denatured alcohol, after the law goes into effect.

Anyway, if half of what has been said about the manufacture of denatured alcohol is true, it will furnish a better market for several different farm products. Every little helps.

It takes not only the man with the hoe, but the man with a scythe, the man with an old mowing machine, and the man with an unswerving determination, to keep ahead of the weeds this weather.

Last year one of our friends bought a farm that has been in renters' hands for the last twenty years. He has been hauling out manure all the time he has had to spare since moving on, and still has a lot around the yards. The renters had dumped it away from the barn and yards with a scraper, leaving it in piles where it would not be in the way.

Commercial fertilizers have been having a great run in this locality, partly because of the supposed profit from their use and partly because there are live agents to push the sales. On farms where there is manure rotting in piles, it is poor policy to buy fertilizer by the sackful. There is no fertilizer that

does the land as much good as well kept manure from a cow yard.

Several years ago, while we were living in Nebraska, self binders did not do as good work in getting all the grain as they do now, especially when grain was short. One of our neighbors who had a binder that was none too good was surprised when a dealer offered him a new hay rake for the scatterings he could get by going over all his grain fields with it that season. The rake was taken out and the dealer got more than the regular price for it. There's a moral to this.

One of our neighbors, though milking but five cows, has bought a new cream separator, and says that what is saved in butter fat and work will pay for the machine within the year. There are not many machines that will pay for themselves in a year, yet there are thousands of folks who keep on milking cows and using and washing about twenty pans daily.

We have observed just this much about fall seeding; that you stand the best chance on early plowed land. Even wheat is better where the ground was plowed the earliest, and it is almost absolutely necessary to plow early for alfalfa or blue grass. We never yet have seen a stand of alfalfa or blue grass that stood the winter, when the ground was plowed just before seeding. It must be packed—lying light and loose won't do.

The more we see of crab grass the more we think that Ingalls did not mean to include it when he said something about grass being the forgiveness of nature. The man who has it in his corn field until it is almost like pulling two tons to plow it up with a cultivator thinks it is nature's curse. There are some who talk as if they believed a growth of crab grass in a corn field was a help, as it would hold moisture. It will hold moisture when moisture in the field is not needed, after the crop is matured, but when it is growing it takes moisture. No crop can grow without using moisture.

Going through tall corn with one horse hitched to a small cultivator is not the kind of work it might be, either on horse or man. A whole lot more people talk of doing it than really do it, we have observed, and we believe they have raised just as much corn by just talking of doing it than they would by actually doing it, too. We have tried it and were unable to see a particle of difference at husking time. Of course this is not saying it would prove this way every time.

The people are divided on the justice of making such a furore over sanitary conditions in the packing houses. A good many believe that the larger packing houses are cleaner and more sanitary than the smaller, local slaughter houses. We believe so, too. With every regard for our president for what he has done in the past, we believe he has been misinformed in the packing house investigation business, and is following up a wrong track. If he is not, we will be glad that he has started what he has.

The twine trust has been taking a mean advantage of the state twine plants. They have been putting out a twine that dealers sell under the name of "Pen" twine. Farmers who buy it think they are getting twine made at the state penitentiary plant, as it sells for less than the trust price. It is of miserable poor quality, and everyone is disgusted with it, and they say they want no more penitentiary-made twine. Local dealers put themselves in a bad light by carrying out such a scheme.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseekers points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

LOW ROUND-TRIP RATES TO DENVER, COLO.,

Via Chicago Great Western Railway account annual meeting Grand Lodge B. P. O. E.

HOMES FOR THOUSANDS

One and a quarter million acres to be opened to settlement on the

SHOSHONE RESERVATION

Dates of registration July 16th to 31st.

EXCURSION RATES

Less than one fare for the round trip, daily July 12th to 29th via



\$21.30 Round trip from Des Moines, over the only all rail route from Des Moines to Shoshoni, Wyo., the reservation border.

L. F. BERRY, General Agent,
Chicago & North-Western Ry. Des Moines, Iowa,
Please send to my address pamphlets, maps and information concerning the opening of the Shoshone or Wind River reservation to settlement.

(Cut out this Coupon)

NW19

July 16th to 21st. Tickets on sale July 10th to 15th. Final return limit August 20th. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

ONLY \$4.50 TO MINNEAPOLIS-ST. PAUL AND RETURN

On the Minneapolis & St. Louis Railroad popular excursion Saturday, July 14th. A fine chance to visit the Twin Cities at a low rate. Ask your agent about it.

ST. PAUL AND RETURN.

On July 24, 25 and 26 the Chicago Great Western Railway will sell round trip tickets to St. Paul and return at rate of one fare plus fifty cents, account of the Biennial Saengerfest of the Saengerbund of the Northwest. Complete information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

LAKE AND RAIL TRIPS.

During the summer months the Chicago Great Western Railway sells tickets via all steamship lines on Great Lakes in connection with their line to Chicago, or St. Paul and Duluth. From this time until September is the time to sail the lakes and see Duluth, Superior, Isle Royale, the Copper Range, Sault Ste Marie, Mackinac Island, Detroit, Toledo, Cleveland, Erie, Buffalo, Niagara Falls and other points of interest. Call or write for full information. E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of Twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory which

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bro's, Louisiana, La.

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific Ry. and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

\$3.95 TO ST. PAUL AND MINNEAPOLIS AND RETURN

Via Chicago Great Western Railway account G. A. R. National Encampment at Minneapolis August 13th to 18th. Tickets on sale August 11th to 14th. Return limit August 31st, with extension privilege. For further information apply to E. J. Sawyer, C. P. & T. A., 514 Walnut St., Des Moines, Iowa.

POPULAR EXCURSION TO TWIN CITIES.

The Minneapolis & St. Louis Railroad will run their next popular excursion to Minneapolis and St. Paul Saturday, July 14. Train will leave Des Moines at 9:05 p. m. Round trip rate only \$4.50. Tickets will be good for return on any regular train until Tuesday morning, July 17, 1906. Call on your agent for further particulars.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Aug. 8, J. D. Nidlinger, Decatur, Ind.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Skeen, South Auburn, Neb.
 Sept. 26, Peck & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Oshorn, Weston, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, W. A. Foster, Greenfield, Iowa.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. Finch, Mt. Airy, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 15, A. J. Epley, Wabash, Ind.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Groat, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer, Rushville, Ill., will sell at Bushnell, Ill.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, Manlove Bros. & Griffiths at Bowen, Ill.
 Oct. 27, Cutler, Reil & Cooper at Carthage, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 3, Boar sale, W. A. Staples & Sons, Glidden, Iowa and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. G. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manilla, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claud Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, W. J. Hartung, Maxwell, Iowa, Bred Sow Sale.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, Harry Riggan and C. T. Rogers, at Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 18, John Lyden, Beldonia, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, Dewey & White, Shannon City, Iowa.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 29, Albert McMahon, Craig, Neb.

POLAND CHINAS.

Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, L. A. Sanman, Glasford, Ill.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 1, John Blain, Pawnee City, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 20, C. A. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

July 18, H. B. Loudon, Clay Center, Neb.
 Aug. 15, H. C. Duncan, Osborn, Mo.
 Aug. 16, Flynn Farm Co., Des Moines, Iowa.
 Aug. 17, Wm. Smiley, Malcom, Iowa.
 Aug. 21, W. R. Jones and D. H. Gelmen, Rushville, Ill.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Mt. Airy, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. James, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 12, Closing out sale, J. E. Parkhurst, Clearfield, Iowa.
 Oct. 15, A. J. Graves & Son, Ames, Iowa.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 23, T. A. Davenport, Belmont, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Dec. 20, J. C. Hardman, Brayton, Iowa.

HEREFORDS.

Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.

Nov. 7, Steward & Hutcheon, at Boickow, Mo.
 ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

POLLED DURHAMS.

Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.

ABERDEEN ANGUS.

Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.

Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.

SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
 SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.

Oct. 22, L. C. Reese, Prescott, Iowa.
 POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.

Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.

O. I. C. HOGS.

Nov. 2, O. L. Kerr, Independence, Mo.

SHROPSHIRE SHEEP.

Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

SHORT-HORN CATTLE AND TROTTER-BRED HORSES.

Aug. 8, Geo. L. Belcher, Carrollton, Mo.

THOROUGHbred HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.

Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.

Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.

June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

STANDARD BRED AND DRAFT HORSES.

Sept. 26, McNeil Bros., Bowen, Ill.

FIELD NOTES.

A cracking good Poland China boar, one of the large, big-boned type, is offered for sale by Mr. W. W. Wheeler, of Harlan, Iowa. This boar was bred by Mr. Peter Mouw, and comes from the largest strain

of the breed. Write Mr. Wheeler if you want him.

Messrs. Manley & Co., of Lyons, Neb., have about ten Orion boars for sale. As the old hog is dead this will be one of the last chances to buy an Orion boar. Write them.

Mr. L. D. A. Snyder, secretary, Combination Sale Company, Manchester, Iowa, names the dates of December 4th and February 19th as those on which to hold public sales of thoroughbred hogs and cattle.

The breeders of Kossuth county have announced a combination sale of Aberdeen Angus, Short-horns, Red Polls and Hereford cattle, Duroc Jersey and Poland China hogs to take place during the week of the Kossuth County Fair at Algona, Iowa, September 14th.

Mr. Wyatt Carr, breeder of, and dealer in, registered Angora goats, of Collins, Iowa, in his advertisement on page 14 of this issue, states that he has 500 wethers and 500 does and kids for sale. He writes: "We are selling all kinds of goats from our advertisement in The Homestead."

Mr. Sutter's crop of spring pigs are coming along nicely and have made a rapid growth. The large, growthy Duroc with plenty of royal blood and strong individual merit is the type that Mr. Wm. Sutter, of Liberty, Neb., is raising. Look up his advertisement on page 24 and write for his prices, etc.

Mr. Geo. Kerr, of Sabetha, Kan., was very fortunate this spring in getting a big crop of pigs. Mr. Kerr has about 200 head of spring pigs and we will say that they are the best lot the owner has raised for some time. Mr. Kerr will be in line to fill the demand, as he has the blood lines as well as having the individuality. The Kerr herd has a wide reputation for putting out the good ones.

Mr. W. R. Bennethum, breeder of Duroc Jersey swine, of Madrid, Iowa, calls our attention to the fact that there has been a mistake made in the announcement of his sale, as it has been stated that it would occur on February 26th. The correct date is February 6th, as per our date claim column. He writes that he has seventy extra good pigs the get of Keep On, Advancer, Hanley, and Malcom's Model 2d.

Mr. J. T. Judge, breeder of Short-horn cattle and Poland China swine, of Carroll, Iowa, writes: "I am offering for sale my aged herd boar, Perfection's Prince 93075, by Old Chief Perfection 2d 42559 and out of Go Sick's Choice 21696, and litter brother to Perfection E. H. 9521, which stood first at Des Moines in 1905. I regret very much to part with this hog, but I am compelled to do so, as I have used him two years." Mr. Judge's advertisement appears on page 23.

Mr. John J. Schmal, of Sutton, Neb., writes that the Poland Chinas are coming along nicely. He has selected a few spring pigs that will be fitted for the Nebraska State Fair. Mr. Schmal owns one of the best sons of the great breeding boar, Nemo L's Dude. This yearling is developing into a hog of the sire's type and will probably do his share in keeping up the grand old hog's reputation as a sire and show hog. Mr. Schmal has some very fine spring pigs and can supply you with a very choice boar. Look up his advertisement on page 22 and write for his prices.

Mr. John Lydon, of Belden, Neb., comes forth this season with about 200 Duroc Jersey pigs sired by his two herd boars, Orion's Corrector and Capadura, and by Gold Dust Jim 2d and Critic I Am. There isn't a breeder in the northern part of the state that is better or more favorably known than Mr. Lydon, and he has a herd that will always bear inspection. In fact, he has a class of sows in his herd that are away above the average and they are all giving a good account of themselves this year. Mr. Lydon will have some good hogs to sell this fall, and will be pleased to hear from any of our readers.

Mr. M. Mihills, of Norfolk, Neb., has a Duroc Jersey herd that he can well feel proud of. At the head of the herd is Jack Orion, sired by Orion and out of a Dandelion sow, and he is a boar that must be reckoned with this fall. If he goes into the show ring this fall, and he undoubtedly will, he will make the other fellows' hogs go some to beat him. He is assisted by Belle Echo Prince, a son of Belle Echo by Echo King, and by Dan Orion, a full brother to Jack Orion. He has a number of daughters and granddaughters of Jack Orion in the herd. Mr. Mihills will make a public sale October 20th, at which time he will sell the cream of his herd.

No spot on earth is developing so rapidly as the Snake River Valley of Idaho. Irrigation has done wonders for this section, just how much no man can tell until he has seen the country. Twin Falls is the garden spot of the Snake river country. The largest irrigation works in the world are located at this point. This system waters 250,000 acres of the richest land on earth. There is no such thing as a crop failure on this land. It can be bought cheap now, but the prices are rapidly advancing. If you think of owning irrigated land you can get full information regarding this magnificent country by writing to S. T. Hamilton & Co., 305 Perrine Bldg., Twin Falls, Idaho.

Mr. R. M. Skillen, of Greene, Iowa, has purchased of Mr. A. A. Rogers, of Inwood, Iowa, through The Homestead, the yearling Scotch hulk recently offered for sale through these columns. He is a son of Craven Archer, the bull that formerly headed the Rogers herd, and he in turn is a son of the noted Imp. Fearless Archer. Mr. Skillen writes as follows under date of June 15th: "The bull came this morning and is strictly all right. He weighed 1,080 pounds after leading him six miles. I am more than pleased with the calf and am glad there are breeders honest enough that we can do business with them by mail order." The bull referred to above will head the good young herd of Mr. Skillen. He has a number of excellent cows, among which is the imported cow, Augusta 101st, and she now has an excellent calf at foot by Imp. Fashion Favorite. Mr. Skillen paid \$395 for this cow in the Geo. Thurman sale, and he was also the runner up on the \$500 bull sold by

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THE BARBER ASPHALT, PAVING COMPANY

Largest producers of asphalt in the world.

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Mr. Pratt in the same sale. His herd is not large, but what he has are of the very best, and it won't be many years until Mr. Skillen has one of the good Short-horn herds in the state.

Don't buy a farm until you have read the advertisement of Mr. W. H. Slaughter, of Kansas City, Mo., which appears on page 15. He has valuable information for you relative to Missouri, Kansas and Texas lands. When writing mention this paper.

Messrs. J. A. Russell & Co., of Kansas City, Mo., offer for sale \$50 acres close to Lacygne, Kan. Their advertisement appears on page 15. It will pay you to write to them for full particulars relative to the property, and when writing mention this paper.

Messrs. McNeil Bros., of Bowen, Ill., have decided to hold their horse sale on September 26th instead of October 29th as formerly claimed in these columns. Readers of this paper who wish to secure standard bred or draft horses will find it to their interest to be present at Bowen, Ill., on September 26th. Plan to attend this sale. Write for catalogs, kindly mentioning this paper.

The Western Farm Land & Realty Co., of Kansas City, Mo., offer for sale a fine 160-acre farm south of Kansas City at a very low price. They also have one in southern Minnesota which they will sell at a bargain. The above-named firm handles Texas lands. It will pay you to write to them relative to free excursion. Read their advertisement on page 15 and when writing mention this paper.

Mr. J. L. Barber, of Harlan, Iowa, the well-known Chester White breeder, is strictly in it this season with 150 spring pigs, besides thirty head of fall boars and sows. Possibly the best lot of pigs he has ever raised will be offered the trade this season. His spring pigs are sired by the two state fair prize-winning boars, Jerry S., and Captain, while the fall stuff is sired by Advance 2d, a son of the prize-winning boar, Monarch Jr. Mr. Barber will be at the fair this fall with a splendid show herd, and will have a good two-year-old boar called Ole Oleson which he expects to get inside the money. He will also take along his noted brood sow, Miss Hanna, as well as a lot of young stuff. He can furnish fall boars or sows to those who want them or he can fill orders for spring pigs at any time. Write him your wants and he will be able to fill any order you may send him from a spring pig to matured brood sows.

Messrs. Burress, Billiter & Burress, of Carroll, Neb., have a splendid lot of imported Percheron and Belgian horses on hand that will weigh around a ton, and among the lot are some that will make warm competition at the fairs this fall. The above firm have done a good business this spring and have recently shipped a horse to North Dakota and another to Messrs. Peck Bros., Cherokee, Iowa. The latter firm purchased one of their 2,000-pound horses, and bought of the above firm after visiting nearly all of the other importing firms. They are now making some special summer prices on these stallions, and they will be pleased to hear from anyone wanting a good horse. The horses now quartered in the barns of the above firm are an especially good lot. They are all blacks, and have the bone, size and quality that every horseman is now looking for. It will pay anyone to go and see their horses. They certainly have the goods to offer and their prices are right.

Mr. W. N. Booth, of Danbury, Iowa, owner of the well-known Will Rose herd of Poland Chinas, writes: "My pigs are coming along fine and seem to get better all the time. My present crop of pigs are sired by Keep On Jr. 92381 by Keep On, and Uneeda Thicket 91939 by Thicket, the famous Ohio boar. There are four very promising fall boars out of Perfect Rosa 25219 sired by Uneeda Thicket. They are very growthy, of good length and well made all over and will weigh close to 300 pounds, just in growing condition. Perfect Rosa is raising a very promising litter of eight out of ten farrowed by Keep On Jr. Another promising boar is a June yearling out of Peerless Queen 252908 by Thicket. He is the making of a large and good hog. I sold his litter brother to my neighbor last fall and he sired him eighty-five splendid pigs, and he then put him in the feed lot and when sold brought \$3.70 more than he paid for him. Peerless Queen's spring litter has three fine boars out of a litter of eleven by Standard Tecumseh. Some other good prospects are found in Diamond's (234630) fall litter of ten by Thicket. They are nice, smooth, even fellows, and there are five of these. Her spring litter is by Keep On Jr. and they are very choice and promising. Diamond's spring litter of 1905 sold well, four pigs selling for \$140. The others remain in the herd. Rose Royal 205920 has two good fall boars by Thicket. Three other good boars by Thicket are out of Kitty Whiteside, a sow I sold last winter. She weighed 615 pounds, just in fair condition. Queen of Wild Rose 2d 248728, a very choice sow and good breeder, has some very promising pigs by Keep On Jr. Rose Perfection 200836, another old standby, has four splendid boars by Keep On Jr. These pigs have an abundance of range, are grow-

ing nicely and will make good, useful hogs. I have fifty good, promising boars for the season's trade, and they will be priced so that anyone needing a good boar can afford to buy them. Can furnish a good boar at any time from a June yearling down to a weanling."

One of the well-known Duroc Jersey breeders in northern Nebraska is Mr. John Black, of Randolph. With ninety spring pigs bred by such boars as Junior Jim, Young John, Critic's Wonder and Liberty Boy, he will be in position to fill orders for the most exacting customer. At the head of the herd at the present time is Critic's Wonder, a son of Glendale Critic, and he is of a decided show type, as well as an excellent breeder. Had he just a little more size he would be a likely proposition this fall. However, he is an excellent breeder and Mr. Black can show the best pigs he has ever raised by this boar. He has some extra good Orion sows in the herd. One of these, called Ethel Y., has a nice litter by Young John, and another called Lady of Mt. Pleasant has seven lusty pigs by the first-prize state fair boar, Junior Jim. Mr. Black will make a public sale on October 17th, at which time he will put in the tops of this season's crop of pigs.

Mr. W. F. Smith, late of the firm of Messrs. Grassmeyer & Smith, of Kearney, Neb., on May 1st purchased Mr. Grassmeyer's half interest in the firm, and he will now continue to do a general real estate business under the firm name of the W. F. Smith Realty Company, and will be pleased to have any of our readers interested in real estate in central Nebraska call on him at any time. He writes that he has the largest list of cheap Nebraska lands found anywhere in the state, and that he can sell any of his central Nebraska farms in Buffalo, Custer and Dawson counties at from \$15 to \$60. His western Nebraska lands, located in Keith, Lincoln and Perkins counties, will be sold at \$3 to \$12 per acre. He can locate any reader of this paper who wants a farm, ranch, or residence in Kearney, Neb., a city of 9,000 inhabitants. Write for his large new price list just out, addressing the W. F. Smith Realty Company, National Bank Bldg., Kearney, Neb. His advertisement appears on page 15.

Mr. O. M. Healy, of Bedford, Iowa, in asking The Iowa Homestead to claim October 26th as a date on which to hold a sale of Short-horn cattle, at South Omaha, Neb., writes: "I will make a sale in South Omaha, October 26th, of about fifty head of straight Bates Short-horns. Nearly one-half of my offering will be of the celebrated Durbess tribe. I will include in this sale about twenty head of the get of 'Old' Airdrie Duke of Hazelhurst 117346, noted as a sire in Messrs. Elbert & Fall's herd and sold in their dispersion sale to Messrs. C. C. Bigler & Sons. He was the sire of many noted animals, including the \$3,040 Bates cow, Wild Eyes 61st, which topped the sale by over \$500 in Messrs. Bigler's \$90,000 sale four years ago. This will be the best opportunity to buy as many in one sale of the get of this bull, as he is gone, having died in his thirteenth year. He was a very short-legged bull and possessed a wonderful constitution; was never known to miss a feed until about ten days before he died. It is my intention, if good cattle with choice Bates breeding will do it, to make this one of the best offerings of straight Bates cattle in recent years."

Mr. Geo. H. Lawshe, of Harlan, Iowa, comes forth this season with about 100 head of Chester Whites, including a lot of fall sows and boars. Mr. Lawshe is one of the well-known breeders of Shelby county, and has been a familiar figure at the state fair as well as at several of the best county fairs in the western part of the state. The boars used in the herd and the sires of the stuff on the farm are Monarch Jr. 13301 (winner of first and sweepstakes at Harlan and Avoca fairs, and fifth at Des Moines), Captain 14119 (winner of first in yearling class at Iowa State Fair in 1904, first at Minnesota State Fair, first and sweepstakes at Interstate Fair, Sioux City, Iowa, and first in yearling class and reserve champion at St. Louis; this boar is owned jointly by Mr. J. L. Barber, Harlan, Iowa, and Mr. Lawshe), Jerry S. 13167 (the second prize eighteen months boar at Des Moines, 1905, and sire of the first and third prize boar at same show). Some of Mr. Lawshe's fall boars are sired by Advance 2d, a son of his old herd boar, Monarch Jr. He has an excellent lot of spring pigs and some good fall boars and sows. He will be at the state fair, where he hopes to meet all his friends, and

will have a good string of Chester Whites with him. His advertisement will appear in due time in these columns, but if any of our readers want a boar pig or a few sows in the meantime they can get them by writing to the above-named breeder. He will be pleased to bear from any of the boys.

Messrs. M. W. Greer & Son, of Rushville, Ill., breeders of Duroc Jerseys, have decided to hold their forthcoming sale at Busnell, Ill., on account of the superior railroad advantages of that city. Breeders will kindly keep this sale in mind, as it will offer an unexcelled opportunity to secure good breeding stock from one of the best herds east of the Mississippi river. In the meantime if in need of an extra good herd boar look up the advertisement on page 24 of this issue and kindly mention this paper when writing.

The well-known firm of Messrs. Wm. Uhe & Son, of South Omaha, Neb., have a nice crop of seventy-five pigs sired by their two splendid boars, Ohio Sunshine 2d and Fancy Perfection. This is one of the oldest Poland China firms in the West, and we will also add, one of the best. They have kept in the front of the procession and have always had the leading strains in their herd. They have a most excellent lot of brood sows and have retained only those which farrow large litters, and must be good individuals. It is from these that they have secured their present crop of pigs. They have a nice lot of fall boars and some excellent spring pigs. One of the best spring boars is sired by Fancy Perfection and is out of Black Beauty 2d, one of their best brood sows. Anyone wanting a pig that will develop into a big hog had better order this fellow at once. Messrs. Uhe have an excellent fall boar also that will do someone a lot of good. Their advertisement will be found in The Homestead in due time. Anyone, however, who is looking for a good Sunshine or Perfection boar had better order one at once. Please mention this paper when writing.

We desire to call our readers' attention to the Duroc Jersey advertisement of Messrs. M. S. Moats & Son, Randolph, Neb., on page 24 of this week's issue. This firm is well known to Homestead readers, and we are pleased to say that they have one of the very best herds in northeast Nebraska. They are firm believers in good stock of all kinds, and not only have an excellent herd of Duroc Jersey hogs, but they also have some splendid Percheron horses. They can show you a crop of 103 spring pigs this season, and they would be a credit to any herd. They also have seventeen fall boars on hand and these they will sell any time. These are sired by Duroc Challenger's Wonder, Crimson Critic and Chime's Advance, three boars used in the herd, and they also have pigs by Liberty Boy, Critic's Echo and old Orion. Crimson Critic is a son of the prize-winning boar, Glendale Critic, and they will show him at the state fair this fall. He is a good boar, with lots of stretch to him, and he should make a creditable showing. They also have three full sisters to him, and some of these will also be taken along. They have eight good spring pigs by Orion out of a sow purchased at the sale of Messrs. Manley & Co. last winter and a spanking good litter by Critic's Echo out of a Malcom's Model sow. Profit's Pride, a daughter of the well-known sow, Daisy Profit, farrowed a litter of fourteen by Chime's Advance, and she is saving seven, while Challenger's Lady, a daughter of old Duroc Challenger, has seven good pigs by Liberty Boy. The Messrs. Moats will be at the fair with a good show herd this fall and they will make a fall sale on October 16th. They now have a number of fall boars for sale, and will be pleased to bear from anyone wanting one.

MONEY TO LOAN ON FARMS.

On page 15 of this issue will be found the advertisement of Mr. De Forest Bowman, of this city, who has money to loan on farm lands. Mr. Bowman is well known to this paper and we know that any of our readers who may wish to make a loan with him will be treated fairly. He is in a position to make any size loans and at a very low rate of interest. It is his desire to get agents in the field and he will give very good inducements to any reliable parties who may wish to act as his agents. Write him for any further information you may desire.

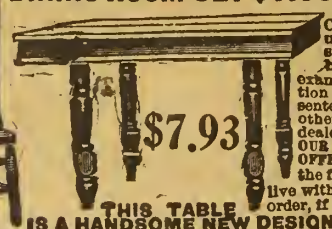
CHAS. VAN PATTEN'S DUROCS.

The well-known herd owned by Mr. Chas. Van Patten, of Sutton, Neb., is coming along nicely. The pigs are very thrifty as well as being of royal blood. Red Reuben was formerly used in the herd and several of his get are showing up nicely. Some of the choicest of the herd is a lot of fall sows and boars. These have grown very well and are strong individually. Mr. Van Patten will probably have part of these at the Nebraska State Fair. The spring pigs are showing the effect of good care. If you want a good spring pig or fall animal write this gentleman and he will give you living prices. Mention this paper.

PRAIRIE GLEN DUROCS ARE FINE.

A representative of this paper recently visited at the farm of Mr. A. L. Mossman, Radcliffe, Iowa, and was given a very pleasant surprise. Mr. Mossman took a little time from his work, for he is a very busy man just now, erecting a fine new barn for his stock, in which he takes great pride, and gave the writer an opportunity to gaze upon his crop of Durocs. It has been our pleasure to see many excellent herds of red swine, but thus far none have outclassed those raised at the Prairie Glenn Farm. An especially fine litter from Queen Beatrice was seen. This is the individual that Mr. Mossman secured at the R. J. Harding sale last spring. If Ohio Chief could see these youngsters and speak, he would have nothing but words of praise in store for them. Numerous inquiries have been made in regard to this litter, and to the lucky purchasers who secure one from this bunch it will indeed be a rare find. Mr. Mossman has something like 100 youngsters coming on in nice shape, sired by the following boars: Tlentsin, Al's Chief and J. Wonder. For nicely developed shoulders and hams, also strong backs and good bone, the Prairie Glenn herd is not excelled. Uniformity of color is no-

SIX CHAIRS ONE TABLE DINING ROOM SET \$7.93



THIS TABLE IS A HANDSOME NEW DESIGN FOR 1906. Made of the best selected and thoroughly seasoned ash, finished in antique oak. Size of top, 48x48 inches. The legs are iron bolted. Furnished with extra leaves to make the 6-foot table, and complete with castors. Six dining room chairs, as illustrated, new 1903 pattern, high back, richly carved and ornamented, fancy turned beaded spindles, full polished. Wood seat made of thoroughly seasoned rock elm, given an extra high finish, a handsome, perfect, substantial dining room chair. Taking the output of one of the largest table and chair factories, figuring on the basis of the actual cost of material and labor with but our one small profit added, we are able to name this heretofore unheard of \$7.93 price.

Order at once. Don't delay. Write for free Furniture catalog H77

THE T. M. ROBERTS CO-OP. SUPPLY CO. MINNEAPOLIS

This set consists of six handsome dining room chairs and one large handsome antique oak finished extension dining table. We offer this Regular \$15.00 Set for \$7.93.

SEND NO MONEY. On this ad. sent to us, we will send this complete suite of seven pieces to you by freight O. O. D., subject to examination. You can examine them at your railroad station and if found perfectly satisfactory, and exactly as represented, the greatest furniture value ever offered by us, or any other house, the equal of anything you can buy from your dealer at home at double the price, then pay the freightage! OUR SPECIAL \$7.93 and freight charges. The complete outfit weighs about 200 pounds, and the freight will average for 200 miles, 75c, for 400, \$1.25. If you live within 400 miles of Minneapolis send no money with your order, if further send \$7.00 (balance payable after received.)

Every ball of 'Cricket Proof' twine is sold under a registered Trade Mark, it is the highest grade obtainable, and the best value regardless of price, the only independent twine having an established market value, and rarely ever offered at reduced prices. Order direct from this advertisement, or send postal which will bring you by return mail samples, order blanks, etc. We have a reputation for prompt deliveries. Please mention Ad. No. 53.

COOPER CORDAGE CO. 4 Sherman St. | 310 4th Ave. S. | 1209 Union Ave. CHICAGO | MINNEAPOLIS | KANSAS CITY

Binder Twine SPECIAL LOW PRICES

STANDARD TWINE, Plain Tag, \$8.47 per cwt.
STANDARD TWINE, Insect Prepared, 9.25 per cwt.
Above grades sold only on Catalog Terms, meaning Cash with order. Fall Terms, O. O. D., and other credit arrangements apply only on our Cricket Proof Brand as shown below.
PURE SISAL, "Cricket Proof Brand," \$9.75 per cwt.
PURE STANDARD, "Cricket Proof Brand," 9.75 per cwt.
PURE MANILA, "Cricket Proof Brand," 12.25 per cwt.

Every ball of 'Cricket Proof' twine is sold under a registered Trade Mark, it is the highest grade obtainable, and the best value regardless of price, the only independent twine having an established market value, and rarely ever offered at reduced prices. Order direct from this advertisement, or send postal which will bring you by return mail samples, order blanks, etc. We have a reputation for prompt deliveries. Please mention Ad. No. 53.

COOPER CORDAGE CO. 4 Sherman St. | 310 4th Ave. S. | 1209 Union Ave. CHICAGO | MINNEAPOLIS | KANSAS CITY

ticed at once. Mr. Mossman will have his advertisement in this paper soon, and is ready to book orders now for delivery at a later date.

OWN A FARM IN KANSAS OR TEXAS.

Messrs. T. Carrabine & Co., of Kansas City, Mo., will sell you a good farm in Kansas or Texas at from \$6 to \$10 per acre. This is no misleading statement. The above-named firm will be glad to show you the land, and you may see for yourself the opportunities they offer to homeseekers who want to own a farm of their own. When writing, don't fail to mention this paper.

WHEATLEY & WARD'S ANGUS BULLS.

Messrs. Wheatley & Ward, of King City, Mo., breeders of Aberdeen Angus cattle, are offering a number of bulls of good, strong ages that should be in service now. They are by the grand bulls that head the Wheatley & Ward herd and are out of cows that have been selected for their productiveness and individual merit. Few, if any, better places are found to buy Angus bulls than at Messrs. Wheatley & Ward's. If in the market write them and go and see the cattle. A GRANDLY-BRED SCOTCH BULL FOR SALE.

One of the best young Scotch bulls offered for sale in a long while is named Sultan, a yearling son of Imp. Bapton Admiral and out of Souvenir by Imp. Salamis. He is one of the most richly-bred Cruickshank Scotics, and he is one of the best individuals ever bred by Mr. C. C. Norton, of Cornland, Iowa. We desire to say to the Short-horn man who is looking for a herd head that he will find in this young bull one of the best that has been offered for sale in many years. He not only has the breeding, but he also has the individuality. The thing to do is to go and see him.

CHOICE GOODS AT HOME.

Mr. Howell Reese, of Pilger, Neb., the man who had nerve enough to pay \$5,500 for the great bull, Choice Goods, has him nicely quartered in his new home on his farm near Pilger, Neb. Mr. Reese has accepted a number of good cows that he will breed to Choice Goods at \$100 per head and he will take a few more at the same price. Any of our readers who want to breed a cow to this great bull had better write Mr. Reese at once. He also purchased at the same sale the noted show cows, Ruberta and Sweet Violet 4th. Mr. Reese has an excellent herd, and while not large in numbers, will rank very high from the point of individuality. When writing him mention The Homestead.

HOMESTEAD SELLS TWO HERD HEADERS FOR LOUDEN & SONS.

Messrs. H. Loudon & Sons, of Clay Center, Neb., write that they have sold their two herd headers, Hambletonian and Paul Jumbo, as well as selling a spring gilt sired by Hambletonian. The grand sire, Hambletonian, was shipped to Messrs. Manlove Bros., of Bowen, Ill. The price was \$200. These same gentlemen purchased one of his get at a good figure. They have purchased one of the good boars of the breed and will undoubtedly get value received in a short time. Paul Jumbo was sold to the well-known firm of Messrs. Ward Bros., of Republic, Kan. Paul Jumbo is a very promising yearling and should do well in the Ward herd. The above sales were made through The Homestead. This will prove that The Homestead can sell the good ones in short order.

THE BACON HOG NEARLY REACHES SEVEN CENTS.

That the hog market is soaring towards the clouds was evidenced at Chicago on July 5th, when bacon weights brought \$6.95, the highest price of the year and the highest for a number of years. The demand for the bacon type of hogs is growing stronger every day. The American people are consuming more bacon than ever before, and the packers are calling for this class of hogs and are willing to pay the price. One of the best bacon hogs known is the large, improved Yorksires, and they are the most prolific of all the different breeds. One of the best herds in the United States is owned by Mr. Rabaler, of Leigh, Neb., and he now has some 300 spring pigs on the farm. He has made another importation direct from Canada, and this is the fifth importation made by this well-known breeder. All of his herd boars and brood sows are imported from two of the

best herds in Canada and England and he has the cream of the breeds. He can furnish a foundation for a herd, both males and females, not akin. There never was a better time to start a herd of large, improved Yorksires, and there is not a better herd in the country, from which a foundation can be procured. Write to Mr. Rabaler and have him select a boar and a few sows for you. His prices are very reasonable. Kindly mention The Homestead when writing.

PRITCHARD'S BIG POLAND CHINAS.

Anyone wanting a good Poland China boar should read the advertisement of Dr. H. Pritchard, of Wisner, Neb., on page 22. He is one of the best-known and one of the most reliable breeders in the West and he has the goods to show for it this year. He has forty boar pigs sired by Big Tom 2d, considered one of the largest boars in the state, and he will weigh about 1,000 pounds without any fitting. He also has some grand good pigs by Wisner Chief, a son of Chief Tecumseh 3d; Perfection Keep On and Black Joe. Mr. Pritchard will be pleased to have you call and see him, or will be glad to bear from any of The Homestead readers. He can suit the boys, both in price and quality.

A \$15 HARNESS FOR \$10.98.

Every farmer can use a good set of harness and any bargains which we can offer him through our columns will surely be appreciated. This week the Glazier Harness Company, of Fort Madison, Iowa, are offering a great bargain in a fine set of harness which they will sell for \$10.98, the buyer to have the privilege of examining the harness thoroughly after he receives it, and if it is not exactly as they represent it he can return it and get his money back. Surely no fairer offer could be made than this, and as the company is a thoroughly responsible one our readers may rest assured they will be honestly dealt with in every way. It is one of the best harness offers ever made and no doubt hundreds of our readers will take advantage of it. It might be well in writing the Glazier Harness Company to say that you saw their advertisement on page 10 of The Homestead.

WOODLAND HERD OF DUROCS.

Manley Orion 30925, at the head of the Woodland herd of Durocs at Ames, Iowa, will be on exhibition at the Iowa State Fair this year again. So will some of his get. Manley Orion will not have any special fitting, just coming in his every-day clothes. The Homestead representative recently visited the home of the proprietor of this fine herd, Mr. S. P. Freed, Ames, Iowa, and was shown about the premises. Mr. Freed knows how to raise good hogs, and in his lot of youngsters on hand this year will be found extra big-class individuals. Litters are found here by Manley Orion, Proud Advance, and Keep On 2d. One very good litter traces to Nebraska Belle, as well as one litter by Tientsin, tracing to Crimson Wonder. Mr. Freed is going to hold his brood sow sale on Feb. 11, 1907, and will be prepared for that event when the time arrives. Watch for his boys at the state fair. They will please even the most exacting buyer.

LOUDEN & SONS' SHORT-HORN DISPERSION.

The well-known firm of Messrs. H. Loudon & Sons, of Clay Center, Neb., have decided to offer the public their very strong herd of Short-horn cattle. This firm have always made it a point to own the best they could buy and consequently the sale on July 18th promises to be one of much interest. The fact that Messrs. Loudon are offering the best cattle goes to show that they are reliable. The farmer or breeder can rest assured that he will be treated in a business-like manner. The Loudon herd of Short-horn cattle embraces some very strong families. Several Scotch-topped cows will be found in the offering. The farmer looking for a pure-bred cow or so to add to his herd should by all means attend the Loudon sale. The milking strain alone will more than make them valuable. The useful Short-horn cow is today making ready sales. The farmer is demanding a cow that can be used for dairy purposes. We will say the Loudon herd of cattle are of this type, being good mothers and high-testing animals. The thirty head will consist of matured cows, heifers and a few bulls. The offering is strong in individual merit. The cows with calves

DEWEY Stock Waterer



Prevents Disease
Fattens on Water
Costs Little
Lasts Forever

Attaches to the outside of tank or barrel. Its greatest value is in watering hogs, sheep, calves and poultry. Permits the animal to drink as it desires—positively necessary to economical and quick fattening. Prevents crowding and hurried drinking. Avoids the injurious watering of stock at feeding time. The Dewey lasts forever. Can't wear out or rust out. Never runs over or falls to fill.

Free Book tells how to fatten stock with water. Sent anywhere. Sold by Dealers or by Mail.

Most wide-awake dealers sell the Dewey. If yours does not, don't take a substitute, but write us. We will sell you direct from the factory. Write for booklet anyway.

The B-B Manufacturing Co.
409 West Fourth Street, Davenport, Iowa

at foot are in good thrifty condition and will give the purchaser the expected results. The bulls in the offering will show for themselves on sale day. If you are looking for some bargain you should try and attend this sale. Sale will be held at the farm adjoining Clay Center, Neb. The catalogs are now ready. Col. T. C. Callahan will cry the sale. Be sure and mention The Homestead when writing.

A FAVORITE ROOFING.

Among farmers in all parts of the country Amateite Roofing has been growing rapidly in favor on account of its low cost and its great durability. Although it is a better and more permanent roof than the average "ready roofing," it is as easy to lay as a carpet, requiring no special tools or skilled labor. The silver gray mineral surface of Amateite is easily recognized on the roofs and adds much to the appearance of the farm buildings. Sample and booklet will be sent in reply to a postal addressed to the nearest office of the Barrett Manufacturing Company, New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans, Boston and Cincinnati.

GRIFFITTS' DUROC JERSEYS.

A representative of this paper recently inspected the suburban herd of Duroc Jerseys owned by Mr. H. B. Griffiths, of Bowen, Ill., and was much pleased to note the excellent lot of pigs which he has been able to offer for the season's trade. At the head of his herd he is using Top Notcher Chief 29247, he by Top Notcher Again by Top Notcher and out of Nellie IV. 36210, she by Pathfinder 9325. This boar Mr. Griffiths secured from Messrs. Johnston Bros. & Newkirk, of Brooklyn, Iowa, who purchased him from Mr. J. A. Teter, of Remington, Ind., at the World's Fair, where this boar won first in class and junior championship, also reserve grand championship. Top Notcher Chief was also first at Wisconsin State Fair the same year, and his sire was a winner at the St. Louis Exposition and champion boar at the Illinois and Indiana State Fairs in 1903. Many readers of this paper are familiar with this boar and to those who have not seen any of his breeding the writer wishes to state that he has proven himself a very profitable sire, much of his get being found in the best herds of the country. The other boar which Mr. Griffiths is using at the head of his herd is Fancy Orion 40675. The sire of this boar was Orion Chief 13333, the first prize winner at the World's Fair and heading the yearling herd that won three firsts and grand champion herd of the entire show. The dam of Fancy Orion was Fancy Gem 30806, she by Chief Surprise 9853. This combination of breeding gives to the buyer an unexcelled opportunity to secure that which has made many of the leading herds east of the Mississippi river the records which they have today. The sows in the herd are of the show-yard type and quality, and come from the prolific families of the breed. Mr. Griffiths is fitting up an extra good show herd, which will be seen at the Illinois State Fair this year. A litter which attracted the attention of the writer was sired by Tip Top Notcher, and is out of My Lad's Goldie 95686, she by Seck's Kan't Be Beat 29913 by Kan't Be Beat 28067. This litter consists of three sows and two boars, the latter not being offered for sale at this time, but retained as special attractions for Mr. Griffiths' fall sale. At the present writing Mr. Griffiths is offering for sale some extra good fall boars by Griff's Banner, a son of Suburban Chief. They are out of Hazel 95684, she by Colonel Pearson; dam Bowen Beauty 55246 by Waneta Banker 11257; three yearling boars that should go to head some extra good herds, are sired by Van's Hero, and are out of Vanity 95690 by Perfection 10373 (A.) by Sensation 7393 (A.). Some breeder who is in need of a good herd boar will find very good ones in this herd, and Mr. Griffiths will be pleased to furnish any information regarding what he may have for sale to those who are interested. Of the spring pigs two litters are sired by Big I Am, two by Hanley, and two by Ambition, one lit-

ter by Major R., and one litter by Top Notcher Chief. Such a variety of noted breeding will give breeders an opportunity to secure some of the best stock which is offered for sale at reasonable prices. Look up the announcement on page 24 of this issue and write Mr. Griffiths if in need of breeding stock, kindly mentioning The Homestead.

NORTHWESTERN HIDE & FUR CO.

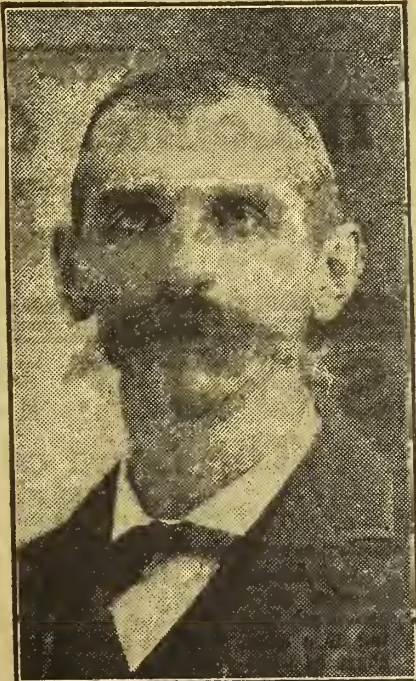
The Northwestern Hide & Fur Co. report a large increase in the sale of their Uncle Sam Sheep Dip, Cattle Wash and Disinfectant, and that most of the wool received shows an improvement in the condition over the average lots of years past, and that clips of wool from sheep that have been properly dipped bring from one to two cents per pound more than those not dipped, and the average of the fleeces one to two pounds more. This produces a double gain. The reason is that the sheep are not tormented with parasites, consequently are so much healthier, producing a larger carcass and better wool. Wool, although high, is bringing three to four cents less than the high point of last year. Best clips bring twenty-five to twenty-six cents. While this is lower than it has been it is very remunerative to the grower. We commend this old reliable firm to our readers, either for buying dip or selling wool.

A SERIOUS MISTAKE.

There are many persons who are suffering from what are termed private diseases who fail to go to a physician for treatment because of a sense of shame that they are in that condition. This is a grave mistake. Failure to go where thorough treatment can be obtained is much more disgraceful and the consequences much more terrible. Treating these diseases is the physician's business and he thinks far less of the matter than you do. The fact that you are treating with him is a professional secret that he never violates. The terrible consequences that are sure to follow the neglect of placing yourself in proper hands for treatment demand that you do so. Many a life has been ruined because of this false modesty. Men have transmitted diseases to their children, bringing disgrace not only upon them, but upon the community. They have grown old before their time and gone through life as human wrecks. It is the duty of every person who finds himself afflicted with a disease of a private nature to seek medical aid at the earliest possible moment and persistently follow up the treatment until entirely cured. Drs. Fellows & Fellows, of Des Moines, Iowa, have made the treatment of this class of diseases their specialty, and have been remarkably successful. They are gentlemen of the strictest integrity, and if they cannot cure you they will tell you so. If they tell you they can cure you they will do so. Your duty to yourself and your fellowmen demands that you keep yourself in health. If afflicted go and see or write Drs. Fellows & Fellows. If there is any cure on earth for you they will cure you. This paper recommends them. See their advertisement on page 14.

AN IMPORTANT DUROC SALE.

We wish to impress upon the Duroc Jersey breeders of the central West the fact that the offering which has been selected for the forthcoming Duroc sale of Mr. J. D. Nidlinger, of Decatur, Ind., is one of the best which has gone through a public sale ring for a number of years. When the question of holding a sale in August was first put to Mr. Nidlinger the full signifi-



MR. J. D. NIDLINGER, DUROC BREEDER, DECATUR, IND.

cance of such sale did not enter his mind. It meant that he must not show any stock at the leading fairs, which in face of the fact that his herd won more prizes at the Ohio and Indiana State Fairs in 1905 was an important sacrifice. This year Mr. Nidlinger has selected and is fitting the best stock he has ever raised. These are receiving the same treatment they would if he were to show himself, and the writer representing this paper is pleased to recommend this offering to our readers. Some breeder in the West who is short a good show herd will find this an unequalled opportunity to secure one, or make additions to the already strong herd which he may now have, as the class of stock owned and bred by Mr. Nidlinger is of strictly show-yard merit. Herd boars may also be found, both for show-yard purposes and to use in herds. In our future issues we will have more to say regarding this offering and

PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 32-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.

DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

Every Tuesday

Until December 25th, inclusive, low rate round-trip homeseekers' tickets will be sold to points on the Great Northern Railway in

MINNESOTA, NORTH & SOUTH DAKOTA, MANITOBA AND THE CANADIAN NORTHWEST AT

One Fare Plus Two Dollars

On the first and third Tuesdays of May, June, September, October, November and December, this same low rate will apply to points in

Montana, Idaho, Eastern Washington, Northeastern Oregon and Eastern British Columbia

Via the

Great Northern Railway

TO	From Minneapolis, St. Paul, Duluth	From Chicago
Spokane, Wash.,	\$44.50	\$56.00
Nelson and Rossland, B. C.,	44.50	56.00
Kalispell, Mont.,	37.15	48.65
Helena, Butte and Anaconda,	34.50	46.00
Great Falls, Mont.,	32.50	44.00
Minot, N. D.,	16.35	27.85
Grand Forks, N. D.,	11.55	23.05
Winnipeg, Manitoba,	15.25	26.75
Aberdeen, S. D.,	10.55	21.35
Sioux Falls, S. D.,	9.00	16.90

Through Tourist Sleeper from Chicago

Inquire further:

MAX BASS,
Gen'l Immigration Agt.
220 So. Clark St., Chicago, Ill.

F. I. WHITNEY,
Passenger Traffic Mgr.,
St. Paul, Minn.

BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

"A boy can run it"



See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue of special prices and terms.

APPLETON MANUFACTURING CO.
30 Fargo Street, Batavia, Ill., U. S. A.

would urge our readers to write early for catalogs, mentioning this paper, as the supply is limited and catalogs will be mailed in the order in which they are received. Plan to be present at this notable sale in person and select something bred right, fed right, and last, but not least, individually of the right sort. Kindly mention this paper when writing.

THE NEW SELLING PLAN OF THE AMERICAN HARROW COMPANY A WONDERFUL SUCCESS.

Probably no big manufacturing concern in the country ever scored quite as big a success in changing their selling plan as has the American Harrow Company, of Detroit, Mich., manufacturers of the American Manure Spreader, the New American Cultivator, and the Detroit Tongueless Disk Harrow. In the manufacturing of their different implements they have never sacrificed the quality for price, and their machines have always been of the highest grade. This is particularly true of their celebrated American Manure Spreader. It is not an experiment, but the finished product is the result of years of actual working tests. The American Harrow Company for many years sold spreaders through the jobber and dealer. This last year they adopted a new selling plan: The plan of selling direct to the user of the machine, on trial, and on time. Now, to the farmers who are interested in the question of fertilizing—and every thinking farmer must be interested—we would suggest that they write to the American Harrow Company and get their books, not only their catalog, but their booklet on the "Value,

Care and Application of Manure." These books are free, and will be sent cheerfully on request. You can get them by addressing the American Harrow Company, Detroit, Mich. Simply say you would like to have their catalog and literature. Their advertisement on page 11.

BLAIN'S POLAND CHINAS COMING ALONG AS USUAL.

The well-known Poland China breeder, Mr. John Blain, of Pawnee City, Neb., is having his usual good luck with his Polands. This gentleman has made his reputation on the large, growthy type, with plenty of quality and finish. His herd has afforded many herd headers of note and the writer has inspected several of his last fall output that are going to be heard from. The Blain Polands meet with the approval of the hogmen in general. Mr. Blain recently sold his great show and breeding boar, Johnson's Chief. He is now looking for a pig or hog to fill the vacant place. The man having the right hog will make a sale by letting Mr. John Blain learn of it. The Blain sale will be held on the first day of November, and you can rest assured that you will be treated to one of the best offerings ever placed in a sale by this reliable breeder. Watch for his announcements through our columns. For further information write Mr. Blain, at Pawnee City, Neb.

NEW ENGLAND AND CANADIAN POINTS. The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

DAY BY DAY

Agricola

June 29. The weather since corn planting has been ideal for corn. Our own in forty years has never been larger at this date. Besides it is clean. It has been cultivated four times.

The rains have been seasonable, and everything that grows is on the boom. The corn blades are "crinkly" and dark green, which every country boy knows is a sure sign of rapid growth.

Potatoes of the Early Ohio variety are also large. To prevent scab we bought new, clean seed and planted in ground which had not raised potatoes in all its history. The madam is using them and reports them smooth and free from the disfiguring disease. There is a large breadth of ground devoted to the tuber in this locality.

Cherries are \$1 a bushel. It hardly pays to gather them for that price, but one does not like to see them go to waste. We have two varieties. One is the common red cherry, the other almost black and is known as a heart cherry. It is later than the red.

The madam bosses the fruit business, as do all the madams about us of whom we know anything. We gathered a crate of blackcap raspberries this morning for which we were paid ten cents a box in things from the grocery. The Kansas and the Cumberland are our favorite varieties. They are large and the plant is very hardy. If we knew of a better berry, we certainly would invest in it.

However, we have a red variety far better for our table than the blackcap. It sprouts, but does not tip. A box of them will bring more than two boxes of blackcaps. A farmer should enjoy the best of everything he raises on the farm. We don't sell this variety. We take them with good cream.

We have some clumps of service berries. This fruit sells for the same as other berries and is very prolific. The bush is a trifle taller than a currant bush. By the way, currants were so plentiful that it was difficult to find a market for them. This is a great year for all sorts of fruit that grows in this latitude. Even many peach trees are laden to their full capacity with fruit.

The late rains have assisted the meadows a great deal. We think that we shall have enough hay for the ensuing year. "Sufficient unto the day is the evil thereof." We will not worry until we are smitten with failure. It will be time enough then.

We have never seen more seasonable rains than we are having. The weather wizards, Doctors Sage and Chappel, are managing things delightfully; that is, their reports are never pessimistic. The weather reports are the first things the farmer looks for in his daily.

The good prospect for corn is having its effect on the price of old corn. Sold at the farm the other day two loads of good corn at thirty-six cents by measurement of the wagon bed. Sold oats likewise at twenty-two cents. Last year's crop was damaged to some extent.

Saw a field of pure red clover last Sunday a week ago. Was going to a country church. The clover was rank and in full bloom. Sowing red clover is our favorite method of restoring fertility to land. We have proved it successful on a worn-out field we had lately bought.

Chautauquas are much the vogue these later years. Well, we approve of them. Had you, Mr. Editor, seen the carriages around the grounds last year you would have said that the country had overflowed the ground. There is generally some liveliness about them. We need a modicum of fun in our lives.

A life of constant work is too much of a satiety. One wants a little fun here and there for a variety.

Then Agricola is strongly of the opinion that to get money is not all of man's mission here below. To view everything by what it will bring in hard cash is a species of idiocy. We believe that a bank account which will place a man above want, start his youngsters comfortably in life, with a fund to give to

worthy objects, is a happier condition than to be a Rockefeller billionaire with the worry such wealth must necessarily bring.

We read such works as Twain, Nye, and Peck as offsets to works by Drummond, Daniel Webster and the Congressional Record. This last is to us worthy of any man's while to read, for we must remember that it requires more than an ordinary citizen to reach either branch of congress.

The little, spotted ground squirrel delights in a diet of young peas. So does the English sparrow. It is rather tough on the farmer and the gardener that everything he raises has its enemy.

We have discovered a striped caterpillar eating ripe raspberries. We killed some today. They were on the fruit, not the leaves. It is the first time in our life that we have ever seen them.

However, we have measurably prevented the euculio thus far from destroying the plums. Manure from the stable scattered under the leaves coaxed all the old hens with chickens into scratching there with their broods. We have a Burbank plum tree which is a sight to look at, so heavily laden is it with fruit.

THE MARKETS.

Chicago, July 7.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., June 30	658	283	12,093	5,102
Mon., July 2	22,779	1,555	46,214	14,609
Tues., July 3	6,321	3,588	19,939	8,501
Wed., July 4	Holiday			
Thurs., July 5	12,983	832	32,640	13,873
Fri., July 6	3,066	620	17,932	9,755
Sat., July 7	1,500	200	11,000	2,000

Total this week	46,654	6,795	127,725	48,738
Total last week	62,600	8,930	126,501	84,354
Cor. week 1905	54,322	5,318	108,413	72,044
Cor. week 1904	40,988	3,794	113,967	50,520

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., June 30	1,527	.....	2,837	679
Mon., July 2	5,408	56	11,825	1,249
Tues., July 3	2,765	156	5,311	1,846
Wed., July 4	Holiday			
Thurs., July 5	3,138	2	5,153	2,322
Fri., July 6	3,416	29	5,831	1,217
Sat., July 7	1,000	.....	1,500	500

Total this week	15,727	243	29,620	7,234
Total last week	24,989	544	34,580	12,691
Cor. week 1905	20,006	167	39,751	6,628
Cor. week 1904	13,552	160	21,553	2,710

OTHER MARKETS.

Kansas City, Mo., July 7.—Cattle—Receipts, 200; nominally steady. Hogs—Receipts, 2,500; 2½¢ higher; closed weak; top, \$6.72½; bulk, \$6.60@6.65. Sheep—Receipts nominal. South St. Paul, Minn., July 7.—Hogs—Receipts, 2,500; 5¢ higher; light mixed, \$6.50. Cattle—Receipts, 100; dull. Sheep—Receipts, 100; steady.

Sioux City, Iowa, July 7.—Hogs—Receipts, 4,500; 5¢ higher; range, \$6.40@6.55; bulk, \$6.47½@6.50. Cattle—Receipts, 200; steady. Sheep—Receipts, 400; unchanged.

South Omaha, Neb., July 7.—Cattle—Receipts, 100; steady. Hogs—Receipts, 5,000; 5¢ higher; top, \$6.55; bulk, \$6.45@6.50. Sheep—Receipts, 100; unchanged.

St. Joseph, Mo., July 7.—Cattle—Receipts, 100; steady. Hogs—Receipts, 2,700; mostly 5¢ higher; closed weak; top, \$6.70; bulk, \$6.55@6.60. Sheep—Receipts, none.

CHICAGO MARKET LETTER.

Clay, Robinson & Co. furnish us with the following resume of the markets in Chicago, date July 6th: The week's cattle supplies show a very material decrease from last week's, this being due to Independence Day falling upon Wednesday. The market has been active throughout the week, with more desirable grades making quite a little improvement. There is a strong demand at the present time for nice, fat young cattle, both steers and heifers. This is evidenced by our sale on Monday of twenty head of Short-horn yearling steers and heifers, averaging 990 pounds, at \$5.75. The same day we also sold a load of yearlings, including six steers and twenty-eight heifers, averaging 824 pounds, at \$5.35. The general condition of the trade shows great improvement, but causing stock continues to sell very badly. The packing house agitation very materially reduced the demand for this class of stock and it will be some time before the prejudice instituted against this class of meat will have died out. There has not been very much change in the stocker and feeder market this week. As is customary in July the demand is quite light, and there will not be very much active trading in this line for at least three weeks.

The hog market has, with moderate receipts, ruled strong throughout the week, although it is showing a weak close. As high as \$6.95 was paid during the week, but the top today was \$6.80. All grades, with the exception of the common packers, have been in good request and the outlook for this class of stock continues favorable.

The sheep and lamb market has also seen some improvement. Best spring lambs have sold up to \$8.25, but so far as common and medium stuff is concerned it has been very hard sledding. As yet very few grass western sheep have reached the East, but they will shortly be coming freely and will naturally affect, more or less, the natives.

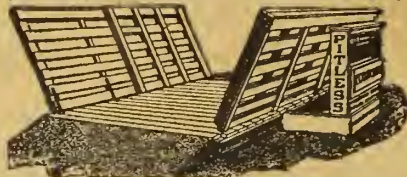
We quote:

Good to choice export wethers.....	\$6.00@6.25
Fair to good wethers	5.40@5.75
Good to choice heavy ewes.....	5.00@5.35
Choice handy-weight ewes.....	5.50@5.75
Medium ewes	5.00@5.25
Culls and tall ends	2.50@4.00

IT SETS ON THE GROUND

THE ORIGINAL "PITLESS" WAGON SCALE

15 YEARS ON THE MARKET. PROTECTED BY 7 U. S. PATENTS. Beware of imitations.



Scale shipped complete except planks for flooring. Cost of erecting, \$5.00 to \$6.00. Complete Scale above ground; only 9 ins. high; steel frame; steel joist. We save you cost of 700 to 900 feet of heavy timber and troublesome pit, equivalent to \$30.00 to \$50.00. Gilt-edge Guarantee. Most reliable; durable; will retain its accuracy a life-time. No repairs. No decay. Equipped with Improved Folding Stock Rack. Thousands in daily use. Write for Catalog. Address

McDONALD BROS. PITLESS SCALE CO. P. O. BOX 117
St. Louis, Mo.

We save you two-third freight by being able to make shipments from the following points:

Dallas San Francisco Indianapolis Denver Sioux Falls, S. D. Omaha
Kansas City Bloomington, Ill. Minneapolis St. Louis New Orleans

The Louden Dispersion Sale of Short-horn Cattle

At Clay Center, Neb., on July 18th.

30 HEAD OF COWS AND HEIFERS AND A FEW BULLS. 30

Royally Bred----Strong Individuality---Heavy Milkers---Good Mothers

WE have decided to offer the public the herd of cattle that has made us money. The herd has been mated with good strong bulls, being strong in the blood of some of the noted families. We offer this herd, believing them fit to go into your possession and return good results. The cows have been carefully selected. We have the heavy milking strains. Part of the cows will have calf at foot. Every animal guaranteed as represented. Sale will be held at our farm adjoining Clay Center, Neb. Catalog is now ready.

H. Louden & Sons, Props.

Clay Center, Nebraska.

T. C. Callahan, Auctioneer.

SOUTHWEST

The Land of BIG CROPS and PROSPERITY

Are you making as much off your farm as you ought? No doubt you are making all you can. The trouble is the land costs too much. It takes too much money to buy a big farm, and so you are trying to make a living on a small farm, or perhaps you are renting one and paying a good share of what you raise, in rent. Wouldn't it be better to go where the price of good land is so little that you can own a big farm—where every acre of ground is working for you and all you raise is paying you good profits?

There are thousands of acres of fertile land in the Southwest along the line of the Cotton Belt Route that can be bought for from \$3 to \$10 an acre. This land is increasing in value each year.

See the Southwest at Small Cost

A trip to the Southwest would convince you that your best interests lay in settling there. The trip can be made at very little expense. On the first and third Tuesdays of each month you can purchase a round trip ticket to any point in the Southwest on or via the Cotton Belt Route at very low rates. Stop-overs will be allowed for you to examine any locality you are interested in.



Write at once for free copies of books describing this wonderful country and for full information about cost of tickets, etc.

L. E. SAUPE, T. P. A., Cotton Belt Route, St. Louis, Mo.

Choice shorn lambs	7.00@7.40	Culls	5.00@5.25
Fair to good lambs	6.50@6.85	Choice Texas wethers	5.40@5.65
Medium lambs	5.65@6.00	Fair to good spring lambs.....	6.75@7.50
Good feeding lambs	5.50@5.60	Cull spring lambs	4.50@5.50

LARGE FORTUNES IN THE WEST

Why not prepare to start yours this year? Thousands of Acres of Land, of which large tracts have been reclaimed by irrigation, are now open for settlement. To enable prospective settlers and others to investigate these regions, the Union Pacific has put in effect a Round-trip Rate of \$20.00 to points in Wyoming, Cheyenne to Granger, Wyoming, inclusive, with corresponding rates to many other points not to exceed ONE FARE PLUS TWO DOLLARS, from Omaha, Council Bluffs, Kansas City, St. Joseph and Leavenworth. Proportionately low rates from Chicago and St. Louis. Selling

JUNE to
NOVEMBER
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To many points in Kansas, Nebraska, Colorado, Wyoming, Utah, Montana and Idaho.

JUNE and
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To many points in Oregon, Washington and Northern Idaho.

Also every Tuesday to all points on Union Pacific in Kansas and Nebraska, St. George, Beatrice, Columbus and West.

Be sure your ticket reads via

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For full information inquire

J. W. TURTLE, T. P. A.,
313 W. FIFTH ST.,
DES MOINES, - IOWA.

The New State of Oklahoma

Statehood for OKLAHOMA and Indian Territory will give this section a tremendous impetus in growth and development. Even now, the towns and cities are growing up, requiring more and demanding more pushing wide-awake citizens who see the virtue of encouraging enterprises of every kind, in needfulness of getting more and better facilities, and more hands to develop the country.

Briefly, the condition is this: OKLAHOMA is really in need of nothing save people. More men are wanted. There are vast areas of unimproved land—land not yielding the crops of which it is capable. The same thing, in a different way, is true of the towns. Few lines of business are adequately represented. There are openings of all sorts—for mills and manufacturing plants, for small stores of all kinds, for banks, newspapers and lumber yards. Mechanics and professional men both are in demand.

Your Opportunity Now

while land is cheap and the country is settling up.

On July 17, August 7 and 21, exceptionally low rates will be made to OKLAHOMA; tickets good thirty days from date of sale and permitting stop-overs at pleasure. This rate, with the stop-over privileges, will enable you to thoroughly investigate every section of the new state.

If you are interested in OKLAHOMA you should read the July issue of my free paper, "The Coming Country." Write for it today.

W. S. ST. GEORGE.

General Passenger Agent

M. K. & T. R'y

Wainwright Bldg., St. Louis, Mo.



POPULAR EXCURSION TO TWIN CITIES.

The Minneapolis & St. Louis Railroad will run their next popular excursion to Minneapolis and St. Paul, Saturday, July 14th. Train will leave Des Moines at 9:05 p. m. Round-trip rate only \$4.50. Tickets will be good for return on any regular train until Tuesday morning, July 17, 1906. Call on your agent for further particulars.

\$5.95 TO MINNEAPOLIS AND RETURN
Via Chicago Great Western Railway, account G. A. R. Encampment August 13th to 18th. Tickets on sale after August 11th. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

CHESTER WHITE HOGS.

Model Herd Chester Whites

8 STRICTLY choice full hogs sired by All Right 11789. 75 8 spring pigs, March and April farrow, sired by W. F.'s Model 12101. All Right 11789, Seducer 12387 and others of equal merit. If in need of something choice order early from the Model Herd. Guaranteed as represented. Am booking orders for spring pigs to be shipped when wanted. Ship C. O. D. and pay express. W. F. Hemmerling, Dilke, Iowa.



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

MAPLE GROVE CHESTER WHITES.



I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good full hogs by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. 1, Neposet, Ill.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall hogs which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.

D. H. LEWIS,

GENESE, ILL.

KERR'S O. I. C.'S

I am now offering hogs that are rich in the blood of the champions Kerr Dick and Big Mary. It is the blood of this pair that made my December sale average \$49.35 and my April sale average \$64.95. Herd headers among these. Write me.

O. L. KERR.

INDEPENDENCE, MO.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Keiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring hogs are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,

F. P. & J. J. Hardin, R. 6, Lima, O.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.

N. A. RANCK, - NIOTA, ILLINOIS

SANGAMON HERD O. I. C. SWINE
200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.

J. F. HALL, - Mechanicsburg, Ill.

CHESTER WHITE HOGS.

SOME CHESTER WHITE BARGAINS.
10 FALL YEARLING, 1906 FEBRUARY, March and April farrows ready to ship. Our herd hogs weigh 500 pounds in quality. Up to Aug. 1, we will ship C. O. D. and prepay express. 12 fall pigs, bred, for sale.

MAPLEDAWN FARM,
Aurora, Ill.
W. M. Mercer, Prop.

A. M. Elsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large smooth heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

ROCKFORD herd of Chester Whites and O. I. C. Swine. I have a few yearling and tried brood sows that will farrow in June and September. These are choice sows. I am also billing orders for March pigs. Some exceptionally fine herd headers among the lot. Will price them worth the money. Write for prices, etc.

JNO. CRAMER, BEATRICE, NEB.

IMPROVED CHESTER WHITES

A FEW choice May gilts left. Bred to a first class boar. Prices reasonable. Address,

J. M. JANSSEN, SIBLEY, IOWA

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmer's prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

7 O. I. C. male pigs of Jan. farrow, very lengthy. Also pigs of March and April farrow.

Chas. W. Nebergall, Davenport, Iowa.

OHIO Improved Chester Whites. October, January and March hogs and gilts. Sows bred. Stock mated. Farmers' prices. F. Huebush, Good Hope, Ill.

CHOICE CHESTER WHITE MALE PIGS of C April farrow from registered stock. R. J. Red poultry. M. A. Gulman, Webster City, Iowa.

CORN HARVESTER cuts and throws in pile in harvester or windrows. Man and horse cuts equal to a corn binder. Price \$14. Circulars free showing Har-

vester at work. New Process Mfg. Co., Lincoln, Kan.

Elks' Excursion To Colorado

July 10th to 16th

\$19.25

Round trip from Des Moines to Denver, Colorado Springs, Pueblo. Final return limit, August 20th.

Write quick for copy of special folder, "With the Elks," containing full information, rates, description of principal Colorado points of interest and how to reach them, also list of hotels and boarding houses.

Very low rates all summer, if you can't go with the Elks.
Let me tell you about them. A postal will do.

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423 Walnut St.,

Des Moines, Iowa.



JERSEY CATTLE.

JERSEY CATTLE

WE OFFER YOUNG BULLS FROM TWO TO EIGHT MONTHS OLD.

All of same strains as those on which we won 24 firsts and 35 other prizes this year at Iowa, Minnesota and Sioux City Fairs. If you want milk and butter Jerseys at prices within the reach of all write us.

HUNTER & SMITH, BEATRICE, NEBRASKA.

POLAND CHINA HOGS.



30 FALL BOARS 40 SPRING BOARS

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy, and Correct I Know. Write us at once. We can certainly fill your order to your satisfaction. Address, HENRY BROS., - LE MAR, IOWA.

THE JOE YOUNG HERD POLAND CHINAS.

25 FALL BOARS (Great big luscious fellows. Sired by Mass Chief, My Price, Matchless Perfection Jr., Oakland's Prospect, T's Tecumseh, and Perfect, a grandson of Corrector. We can fill your order. Address, YOUNG & DUNCAN, MADISON, NEBRASKA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Onklund, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

Hamilton's Royally Bred Polands. MY last sale averaged over \$50. My type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 21, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money. L. W. Hamilton, Kearney, Neb.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine. F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge Minster 8th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7035 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

Large Yorkshires

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Ad., Thomas H. Canfield, Lake Park, Minn.

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The Picturesque Trunk Line of America.

SOLID VESTIBULED TRAINS

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Trains Everywhere Protected By

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555 Railway Exchange, CHICAGO, ILL.

SPECIAL ANNUAL

Atlantic City, N. J., and many other seashore resorts EXCURSION, THURSDAY, AUGUST 2, 1906, VIA

BIG FOUR ROUTE

New York Central Lines.

RATE \$19.50 for the round trip from Peoria. Return limit fifteen days including date of sale. Stop-overs will be allowed on the return trip at Philadelphia, Baltimore and Washington within limit of ticket. Special fast train of standard sleepers and coaches will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.

POLAND CHINA BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address, DIVISION OF AGRICULTURE, IOWA STATE COLLEGE, AMES, IOWA

40 Poland China Sows

AGED and tried sows, fall yearlings and spring gilts, all bred and safe in pig to Chief Perfection 1st 48029, Challenger 81225 and Prince Charming 93281 no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice late boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old. J. L. Slick & Son, Lanark, Ill., on C., M. & St. P. R. R.

FOR SALE.

10 CHOICE old sows, bred to Iowa Perfection 102717 to farrow from July 20 to Sept. 10, will weigh from 300 to 500 pounds and heavy bone. George Regemitter, Bennett, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. GEO. E. PATCH, Blandinsville, Ill.

ESCHER'S BIG POLAND CHINAS.

Will be ready about July 15 to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch. E. F. Escher, Manning, Iowa.

LEST YOU FORGET.

We are booking orders for Poland China spring pigs to be shipped in August. They are sired by 7 great boars and out of dams that are as good as grow. Write describing your pig and price. A. C. LANHAM, BATTLE CREEK, IA

PRITCHARD'S POLAND CHINAS

Talk home of Big Tom 2d, Iowa Girl, White Kears 4th, and many other mammoth producers of good stuff. 200 spring, 70 full pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one. DR. H. PRITCHARD, - WISNER, NEB.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines, Oneida Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me. W. N. Booth, Danbury, Iowa.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, Klug DoDo, and Blain's Tec. Everything guaranteed a breeder. Robt. J. Peckham, Pawnee City, Neb.

Choice lot of Spring Boars for Sale. POLAND China pigs sired by Duke's Wonder by Nemo L's Duke. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall. Jno. J. Schmitt, Sutton, Nebraska.

THE large, roomy Poland Chinas. My herd of Poland Chinas are of the average hogmen's type. Pig crop very fine. Major M. by Blain's Tec, at head of herd. A 900-pound boar that breeds his type. His get are ready sellers. Will have some extra good boars. Pigs very promising. Write your wants. Address, J. R. Triggs, Dawson, Nebraska.

WALNUT GROVE Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

FOR SALE, some bred sows and gilts for August and September farrow, also early spring and fall boars all from leading strains. Good individuals with plenty of bone. These are bargains for anyone. Everything as represented. Priced so any farmer can safely buy them. Address, C. C. Drake & Son, Terre Haute, Illinois.

ABERDEEN ANGUS CATTLE.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150, 49 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 3 years old. Write or come and see us. Free transportation furnished from Farmer's Livery to farm. Address, Danning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

10 Angus Bulls 10

For Sale

10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS, GREYSTONE PRIDES and other females by such sires as BLACK JAM 3D 30709, IMP. ABERLOUR 41201, BELL'S ECLIPSE 3D 57424, QUOQUE 46102, LEON ARTIST 33619.

H. H. Trimble Herd, Bloomfield, Iowa. Address all communications to O. D. WRAY, Bloomfield, Iowa.

Seeley Doddies

BLACKBIRD 1st to the first prize yearling bull at the World's Fair heads the herd composed of the best families of the breed. We invite you to see them on Springfield Stock Farm joining this city.

W. B. SEELEY, Mount Pleasant, Iowa.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Master Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address, WHEATLEY & WARD, King City, Missouri.

HORSES.

W. A. LANG & CO., GREELEY, DELAWARE COUNTY, IOWA

—IMPORTERS AND DEALERS IN— CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH AND STANDARD BRED STALLIONS.

WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all the best in their class. Colors, all bays, blacks and dark grays. No old worn out pickings. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you horses unless for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write

Greeley Horse Importing Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT, GREELEY, IOWA.

FOR SALE.

MILFORD STUD of Prize Winning Percherons. High class young stallions for sale at all times. Our horses are all grown in the blue-grass pastures on our own farms near Ames, the seat of the Iowa State College. In point of breeding and individuality they are the equal of the best imported stock, having won high honors in competition with prize winners of Europe. Buy a Money Maker, an American-bred horse—one that is accustomed—one that you won't have to carry at a loss for two or three years to find out whether he is a breeder or not. Long time and easy terms to responsible parties. Address S. B. FREY, Nevada or Ames, Iowa.

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr. ROCK RAPIDS, IOWA.

Lone Retreat

LAWSON, - MO.,

OLDEST Jack Farm in the United States, has for cash sale reasonable, 10 registered black mammoth jacks and jeunets. It was Ray's jacks that sired the greatest number of big mule winners at the World's Fair, St. Louis. J. C. Ray Proprietor.

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., Fairfax, Ia.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

FOR sale, 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bibbo & Van Patten, Creston, Iowa.

PERCHERON AND SHIRE STALLIONS AND MARES. Prices from \$200 to \$500. E. FUGIER, CRESTON, IOWA.

IOWA ABERDEEN ANGUS CATTLE.

IF Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones, Pride, Queen Mother, Favorite, etc. Our herd bull, Proud Blackcap 39946, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice cows and heifers cheap. Twenty years breeders of Doddies.

ALLEN BROS., NEW SHARON, IOWA.

FOR SALE

ABERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address, JAMES SPEAR, STANWOOD, IOWA.

10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old. If I sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Isthmian Queens, etc. Address, JOHN E. GRIFFITH, WASHINGTON, IA. (Mention Homestead.)

ROSENGIFT HERD ABERDEEN ANGUS.

QUALITY Laddie and Kellor Victor 3d heads herd. Cows in calf, young bulls and heifers for sale. Farm near town. We will treat you fair. Write us. Rosenfeld & Siverly, Kelley, Story Co., Iowa.

12 Head Aberdeen Angus Bulls For Sale

OF the Blackbird, K. Pride, Trojan Erica and Queen Mother families ready for service. Will be priced right. Herd headed by Prince of Pilsen 59249, weighing 2020 lbs. and as active as a cat, sired by Crane-wood Black Knight 39477, sold at the Miller sale for \$2,000. Address, WHITE BROS., PERRY, IOWA.

Pleasant Hill Herd of Aberdeen Angus.

STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275.

J. Nissen, Meservey, Cerro Gordo County, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hurt Bros., Osceola, Iowa.

HEREFORD CATTLE.

CHOICE HEREFORD COWS AND HEIFERS FOR SALE.



Beau Brummell 4th 19418 at 10 months.

COWS bred to or have calves at foot by Beau Brummell 4th, the greatest herd bull in Iowa. Will make attractive prices to early buyers. 5 choice bull calves, herd heifers, will keep until weaned. Visitors will call at G. W. Way & Son's Hardware store in New Sharon where free conveyance will take them to farm. For particulars address, mentioning this paper G. W. WAY & SON, NEW SHARON, IOWA

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

WHEELER'S TABLEBACK HEREFORDS.

BULLS, heifers and young cows for sale. Prices low, try me. New 25 foot cattle dipping tank for sale. W. W. WHEELER, BOX H., HARLAN, IOWA.

REGISTERED HEREFORDS.

RICH in blood from the best families of the breed. Twenty bulls and a number of heifers for sale. Fine individuals. Prices low. Inquire of A. Sewell & Son, Waverly, Iowa. R. H. Sewell, Manager.

BULLS FOR SALE! BULLS REGISTERED HEREFORDS!

B. F. CLARK, ALBIA, IOWA.

HEREFORDS

10 BULLS, 25 cows and heifers at bargain prices to quick purchasers. Edmonds, Shade & Co., Kingsley, Iowa.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me. H. C. CUNNINGHAM, WESTON, MO.

SHORT-HORN CATTLE.

CRESCENT STOCK FARM

NOW offers ten Short-horn bulls from eight to fifteen months old, Scotch and Scotch topped. Also twenty females, good useful cows and heifers. Inspection invited and reasonable prices on one or a carload.

A. L. STUTZMAN, NEW SHARON, IA.

EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. S. Prince Oleric and fifteen young bulls by him, all dark red, age 6 to 16 months. Come and see them. Price reasonable.

N. P. HALGREN, VINTON, BENTON CO., IOWA.

A Choice Bunch of Red Cruickshank Bulls For Sale.

YEARLINGS AND TWO-YEAR-OLDS.

ORANGE BLOSSOM, Brawith Bud, Queen of Beauty and Avalanche families. Farm telephone. M. E. SLEMMONS, R. F. D. 1, IOWA CITY, IOWA.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Oleric 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, Iowa.

GEO. BONEWELL, GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208994. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

SCOTCH BULLS

FOR SALE at reasonable prices, Royal Prince, three years old by Imp. Royal Robin; one two-year-old and one yearling by Baron Secret, herd headers and show bulls. Also a three-year-old Shire stallion of exceptional merit. Write for descriptions

HENRY MATERN, R. R. 13, LOSTANT, ILL.

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

F. H. WIENFKE, Marion, Iowa.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

4 Good Young Short-horn Bulls For Sale.

SIRE by Victor Maple 203379 he by Grand S. Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

WALNUT HILL HERD SHORT-HORN CATTLE

TWENTY-EIGHTH annual public sale will be held Thursday, August 16, 1906. Catalogue of young bulls for sale at private treaty now ready. It includes the pedigrees of our choice string of young bulls among which are many of the best for herd headers and farmers and ranchmen, that will be priced well within their values. City office in People's Savings Bank. Farm 8 miles northwest of city, Olive Station, on C., M. & St. P. Ry. Telephone 523. Address, Flynn Farm Company, Rural Route No. 5, Des Moines, Iowa.

SCOTCH and Scotch topped Short-horn herd bulls - 12-year-old Brawith Bud red bull, 1 yearling Wimble bull. Both herd headers. Will sell or exchange my herd bull Wimble Royal 241400. Best bull I have used. I have too many of his sisters to use to good advantage. Also 5 extra good Scotch topped bulls at farmer's price. M. D. Yard, Crawfordville, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

A SMALL HERD OF SHORT-HORNS FOR SALE INCLUDING my Cruickshank herd bull, Red Bud 145102, and 10 or 12 cows and heifers. These are bargains if taken soon. Write me quick. DELMAR McCANN, Kennard, Nebraska.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

Wildwood Short - Horns

ALL REDS AND DEHORNED

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Monrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to breed Sittytown Sort heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

SHORT-HORN BULLS

WE have seven head of choice bulls for sale. Two straight Scotch, five Cruickshank-topped. These bulls are from eight to fifteen months old. Solid reds, good individuals, big vigorous fellows. Will be priced cheap. Call on or address,

Ruebel Bros., Rockwell City, Iowa

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 208904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

Pike Timber Herds and Flocks

Short-horns, Shropshires, Poland-Chinas and R. C. Brown Leghorns. T. A. DAVENPORT, Belmond, Ia.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve Red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149380 and out of Imp. Augusta. Bruce, a grand good bull, a herd header. Write me quick. J. D. McDERMOTT, ANITA, IOWA.

SHORT-HORN CATTLE.

WOODLAND SHORT-HORNS

IMP. First in the Ring and Choice of the Ring bulls in service. Special inducements to buyers of females. Some choice young bulls for sale. Correspondence solicited. Address,

W. I. WOOD, Williamsport, Ohio.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4 ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAWS & SON, HARIAN, IOWA

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice spring gilts bred. A few spring boars. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom, by Prince of Archers. Also some nice bull calves. C. E. ROBE, JESUP, IOWA.

WALNUT GROVE Short-horns and Poland Chinas.

Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota. 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

ELM GROVE SHORT - HORNS

AND POLAND CHINAS. Lavender Viscount 2d heads our herd of Short-horns. A few choice Poland China full males and gilts for sale. Write your wants.

ISAAC NOVINGER & SONS, Kirksville, Mo

SHORT-HORN CATTLE.

Village Creek Short-horns

IMP. Ivan Archer, one of the best bulls of the breed heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, - - ILL.

Pleasant Dale Stock Farm.

Geo. F. Dorach, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 28, 1906, at farm.

RED POLLED CATTLE.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8258, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904. Is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Colman, Webster City, Iowa. Route No. 3. Phone 1258.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11248, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address, G. W. Sharp, Marble Rock, Iowa.

POLLED DURHAM CATTLE.

DOUBLE STANDARD Polled Durham Short-Horns

HELD headed by Secret Knight, he by the \$1,000 Idle Knight X 1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won fifty prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including twenty-one firsts and ten sweepstakes.

L. G. SHAYER, KALONA, IOWA.

D. S. Polled Durham Bulls.

FOR SALE - 4 dark-red blocky yearlings, at \$75 to \$100. One two-year-old herd bull, \$150. Cows and heifers bred or calves by side. Short-horn bulls 17 months old, \$75 to \$85. 2 miles northeast of city. P. S. & S. Barr, Box 11., Davenport, Iowa.

FREE LANDS FOR HOMESTEADERS IN THE Shoshone Reservation of Wyoming

Uncle Sam will give everybody entitled to take up homesteads a chance at these lands, comprising approximately 1,150,000 acres. It is estimated that between 300,000 and 400,000 acres are first-class agricultural lands susceptible of irrigation. The remainder are grazing, timber and mineral lands.

To secure a homestead you must register at one of the points designated by the government on any day from July 16 to 31, 1906.

The Burlington Route will sell very low-price round-trip tickets daily from July 12 to 29, inclusive. Those who make sure their tickets read to Worland, Wyo., have the great advantage of reaching the reservation over the Burlington's line thro' the heart of the Big Horn Basin. To see this rich irrigated section is worth any man's time and money.

For further information, just fill out and mail this coupon TO-DAY.

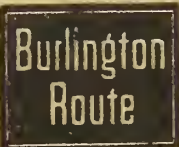
P. S. EUSTIS, 209 Adams Street, Chicago.

395

Please give me information about the Shoshone Opening.

Name _____

Address _____



DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America. Ohio Chief 11, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Pacer, Ohio an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24, although I have received tempting offers for them at private treaty. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,

GEO. W. SECKMAN,

RIPLEY, ILLINOIS.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 25793, by Orion 5393; dam Rose Bird 50188 by Jumbo Red 7973, n half brother Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Standard 4417 by Duroc Paragon 29181, by King Perfection 16235; dam Paullina Queen II 88492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from us good a lot of sows can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH,

HAMBURG, IOWA.

HICKORY HILL DUROCS.

A FEW extra good, full gilts bred to Double Track and Fashion Boy for summer farrow, for sale at reasonable prices.

E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

DO YOU NEED A BOAR OR SOW?

WATT & FOUST, of Cedarville and Xenia, Ohio, proprietors of Cedar Vale and Miami Valley farms, the home and birthplace of more world's fair Champion Duroc Jerseys than all others combined, can furnish a number of fall pigs, both sexes. The blood of Tip Top Notcher 2335 and Kant Be Beat 2867 predominates. This is the blood that tells in the show yard, the sale ring and feed lot. Boars in service, Kant Be Beat (world's fair prize winner), 1 Am Perfection, Golden Rule, Veribest, and Tip Top Notcher's Lust. Are now booking orders for fall pigs of either sex. Write for prices and descriptions, mentioning this paper.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We can closely ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906. Kindly mention Homestead when writing.

Oak View Durocs

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale a choice lot of January boars sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of show and type and quality. My price on best boar is \$100, the next best at \$75 and one at \$50. Am booking orders for spring pigs. J. COY. ROACH, GIRARD, ILL.

ENTERPRISE HERD DUROCS

CHOICE spring males by live prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,

A. E. POUSSIE, - - CHARITON, IOWA

40 Duroc Jersey Boars 40

SIRE by 1 Am Pottawatimie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address,

J. W. Reynolds & Son, Defiance, Iowa.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired.

E. Z. RUSSELL, BLAIR, NEB.

SEPTEMBER DUROC JERSEY BOARS

A \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezzek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf, Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.

W. J. East & Son, Clay Center, Neb.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,

SMITH BROWN - - Waterloo, Neb.

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale, sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices.

H. B. GRIFFITHS, BOWEN, ILL.

THE USEFUL TYPE OF DUROCS.

I AM making good prices on my spring boars. They are large roomy individuals. My herd represents the blood of Improver 2d, Higgin's Model, Jumbo Perfection and others of note. My fall sale will be October 20th. Will answer inquiries promptly.

H. G. WARREN, INLAND, NEB.

Ten Choice Gilts

BRED to Junior Jim, 1st prize yearling boar at last Nebraska State fair, for April and fore part of May farrow. Better write at once as these won't last long. Will also sell Long Alix 34291 and Dandelion 25457. Austin Renshaw, Blair, Neb.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redcemer and a son of Duroc Challenger and Minerva C2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Red Crimson Herd of Durocs.

I HAVE some good gilts of October farrow, that weigh 200 lbs. which are all right, that will be sold at reasonable prices. Some choice Scotch Collie puppies from trained parents. E. C. Norris, Dows, Ia.

Maple and Lawnsdale Duroc Jerseys.

HOME of Big I Am, Veribest and Proud Advance. 100 little fellows have arrived and we are booking orders for pigs. They are sired by such noted boars as Big I Am, Tip Top Notcher, Perfection, Chief and several other herd boars. Have a few fall males left. White Wyandotte and White P. Rock eggs for sale from pens scoring 94 points and better. Also Scotch Collie puppies. Come spend a day with us and see what we have; free livery. Fall sale Oct. 26. Bred sow sale, Jan. 23, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

L. E. Thomas, Golden, Ill., R. E. Hogsett, Iowa Prairie, Ill. Ambition 37641, 1st prize boar Illinois State Fair, 1905, heads herd. At 16 months of age weighs 500 pounds after doing heavy service. 300 spring pigs, the get of such noted boars as Ambition, Tip Top Notcher, grand champion boar at World's Fair, Big I Am, first prize boar at Illinois State Fair, 1904; Kruger Again, Buddy K. IV, champion boar at Illinois State Fair, 1905, and other noted prize winning boars. Our pigs stand on best feet and legs. We are now booking orders for spring pigs. Stock guaranteed as represented. Inspection invited. Correspondence solicited. Address, Thomas & Hogsett, Golden, Illinois.

JOHN M. MORRISON & SONS' HERD OF DUROC JERSEYS.

HIGHEST auction average. Owners of the celebrated sweepstakes show sow Bessie H. and the sensational Alix II. Many other prize winning and producing matrons among which may be mentioned Miss Bob, Village Pride, Sutton Lady, Van's Lady, Lady Top Notcher, etc. Seven Ohio Chief litters growing. Six fall boars for \$25 each. Boar sale October 16, 1906.

COLLEGE VIEW, NEBRASKA.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

THE AUDITOR 34097 FOR SALE.

SIRE by Orion 5293 and out of Kruger's Maid, the \$410 sow. He is 3 years old and a good breeder. Also two young boars, also sired by Orion. Will be priced right.

A. B. Enster & Sons, Fremont, Neb.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Lun Farm, Springville, Linn County, Iowa.

DUROC JERSEYS FOR SALE.

I HAVE for sale 65 to 70 bred spring Duroc gilts out of Buddy K IV 20861, first prize and Champion winner at Illinois State Fair, 1905. Bred to Roland 37255, as good a yearling hog as walks today. Write for catalogue. Rhode Island Red Chickens. Ed. A. Baxter, Pawnee, Illinois.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Tenie, R. 4, Lamoni, Iowa.

FAIRVIEW DUROCS

Am offering a few choice full males and gilts. Write me if you want good ones nicely bred.

J. B. DAVIS, - - Fairview, Kansas.

CRIMSON Wonder fall boars. A few very strong full boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd headers. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$6 each; pairs not nkin 11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

SUTTER's growthy Duroc fall males got by Neb Wonder, he by Crimson Wonder are now ready to ship. Write me. Wm. Sutter, Liberty, Nebraska

GREENBELT herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. S. J. Butts, Mason City, Iowa.

DUROC JERSEY HOGS

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding,
Macedonia, Ia.
PUBLIC SALE,
October 3, '06



At which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.

O. E. Osborn,
Weston, Ia.
PUBLIC SALE,
October 4, '06

At which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON,

HENRY, ILLINOIS

CRIMSON WONDER I AM

SOWS and gilts bred to this great sweepstakes boar for fall farrow. U. G. Davidson, Manson, Iowa.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Eda. Sow sale February 25. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS, - - - - GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. Stock reserved for public sale August 8.

J. D. NIDLINGER,

DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

Is a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Congdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address,

THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

SHELDON BROS.,

A NEW FIRM. BUT the same old herd. Our herd is rich in the blood of Proud Advance 2354, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

Shannon City, Iowa.

Successors to H. C. Sheldon & Sons.

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief 1 Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

REMLEY'S DUROCS

A LIMITED number of choice gilts, bred to a son of the Junior champion sow at the World's Fair, for sale at reasonable prices. Write me at once and secure the best to be had for the money.

JOHN W. REMLEY, - - Lacon, Illinois.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO., LYONS, NEB.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 2 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryan, - - R. R. 1, Neponset, Ill.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

Fred Krschel & Son, Macon, Ill.

THE \$410 sow, Ding Nicely. I have decided to offer some of my choice spring pigs sired by my herd boar Aethelred by Tip Top Notcher. Others sired by Ohio Chief, Morrisons' Bell Top. Sows represent the blood of the great Crimson Wonder, and Aethelred. Some promising pigs will be priced to sell. Fall sale will be held Oct. 15th. A. Wilson, Bethany, Neb.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,

J. E. WEHR, PORTSMOUTH, IOWA

ULSTER PARK DUROCS

BRED sows, fall boars and gilts. I am offering a lot of young and some mature sows bred to farrow in September; few fall boars. Write,

M. M. ELMENDORF, - - Lacon, Iowa.

112 CHOICE DUROC JERSEYS 112.

SIRE by Duroc Challenger's Wonder S 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

PIONEER HERD DUROCS.

ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sire Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address,

Arch Brown & Sons, Waterloo, Nebraska.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address

W. J. S. Taylor, Humeston, Iowa.

GRANT HERD DUROC JERSEYS.

I AM now ready to book orders for delivery after September 1st. Carl Hansen, Herman, Neb.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm.

Box 151, Independence, Iowa

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Live Stock Auctioneer.

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LIVE STOCK AUCTIONEER.

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Write before claiming dates.

BERKSHIRE HOGS.

BERKSHIRE SOWS FOR SALE

I HAVE 12 sows bred for fall litter, ranging in age from 10 months to 3 years for sale. Write me quick.

JOHN C. MILLER, - Harlan, Iowa

SPECIAL ANNUAL
Niagara Falls, N. Y., Excursion,
THURSDAY, AUGUST 16, 1906,
VIA

BIG FOUR ROUTE
New York Central Lines.

RATE \$3.50 for the round trip from Peoria. Return limit twelve days, including date of sale. Stop-overs will be allowed on the return trip at Westfield, for side trip to Chautauque Lake points. Tickets will be honored on C. & E. Line steamers in either direction between Cleveland and Buffalo. Side trips to Toronto, Thousand Islands, Montreal, etc. Special fast train of first class coaches, standard and tourist sleepers, will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.



VOL. LI. NO. 29.

DES MOINES, IOWA, JULY 19, 1906.

WHOLE NO. 2557.

ALFALFA FOR HOGS.

According to reports emanating from various parts of the central West this year, the loss among early pigs has been unusually heavy. Upon inquiry at a recent swine breeders' convention we learned that this loss amounted to almost 50 per cent among pure-bred hogs. Of course we do not believe that the mortality will be so great among grades, as these are farrowed later. March was an unusually dark, gloomy month, and everyone knows that a little pig must have sunshine during the first few days of his existence or the struggle will be soon given up.

Strange as it may seem, many of those who have lost heavily this year have been using what one might call ideal feeding methods. They have cut out the corn and have fed concentrated meals and have given plenty of exercise, and yet in spite of this the little pigs were not strong enough to stand the siege. Professor Smith, of the Nebraska Station, in his work on feeding, makes the following statement in regard to the use of alfalfa hay as a hog food:

Wherever it is possible, a farmer who grows alfalfa should put away the last cutting for pig feeding. Late in the season there is usually less rainfall, and the alfalfa grows up with a much smaller stem and correspondingly larger leaf surface. With early cuttings of alfalfa, the excessive bulk prevents a fattening hog from getting all the protein he requires. If he is forced to consume a proportion of hay sufficiently large for protein needs—by having it first cut in pieces and then mixed with corn meal—his limited digestive capacity is such that, although he is full fed, he is undernourished. The small stem and leafy character of the last cutting overcome this difficulty. It can be fed to good advantage in the proportion, three pounds of corn to one of alfalfa, though with the rack the pigs get all they wish, which will amount to about three or four to one of corn.

Although what is said above refers to the fattening hog, we are of the opinion that alfalfa will be used more and more in the future for brood sows. It not only supplies the nutrients in well-balanced condition, but there may be some virtue in the bulk part of such a ration. Farmers here and there throughout the corn belt are putting in an acre or two of alfalfa, and we are convinced that the use of this crop, particularly in the form of hay during the winter, will do much to impart vigor to the hogs of the central West.

THE WINTER WHEAT SEED BED.

Few cereal crops are more satisfactory than winter wheat where the danger of winter killing is not too great. It is not unusual for men to raise thirty, thirty-five or even forty bushels per acre. Indeed, we know of many instances where the latter yield was exceeded this year. At prevailing prices this makes a profitable crop even on high-priced land. Furthermore, winter wheat usually produces a heavy crop of straw, and there is not a farm in the corn-belt on which there is grown too much straw, providing it is properly used.

Winter wheat usually follows some of the spring grains, either oats, barley or spring wheat. In the drier areas the summer fallow is sometimes used to great advantage. However, in discussing the preparation of the seed bed at this time we shall take it for granted that wheat is to be seeded on stubble land.

The first factor of importance is that of plowing. There is considerable advantage in getting the soil plowed just as soon as the cereal crop is removed. We well understand that soil is usually very dry and hard at such a time. Nev-

ertheless, if one has the horse power it will pay to turn it over. When the land is plowed one is then in a position to take advantage of occasional rainfalls to work it down into a friable seed-bed. On the other hand, if the land is not plowed until just before seeding time the chances are that it will be impossible to make a satisfactory seed-bed.

After the soil is once plowed the or-

the case of winter wheat than in seeding small grain. Six or seven pecks of Turkish red will usually make a satisfactory stand. In fact, we have in mind one case this year where a very heavy crop resulted from the sowing of five pecks per acre.

As the Hessian fly has given very little trouble in the corn-belt in recent years, there need be little hesitation

conduct his affairs so that his employees will prefer to stay with him rather than make a change. Few will win out in the future on the old plan of working from five o'clock in the morning until eight or nine in the evening, unless it be at exceptional times when a rush of work is on.

Some of the best farmers that we know make a practice of having not only field work but even the chores around the farm buildings completed by 6:30 in the evening. This gives everybody a long evening to spend in whatever way may be desired. These farmers have no difficulty in finding good help and in retaining them after they are found.

There is something, however, apart from the number of hours an employe is called upon to labor. An employer may do much in the choice of his machinery to make work agreeable. There is a tendency just now in certain quarters to go back to the old walking corn cultivator. While visiting an agricultural college recently we observed that the corn was being tended with walking plows. Upon inquiry we found that those in charge considered that much better work could be done with the walking cultivator, and as the experiment station was to a large extent under the gaze of the public it was thought advisable to handle the crop in the most ideal manner. It was even suggested by those in charge that farmers would find the more general introduction of the walking cultivator profitable. We do not deny that better work can be done in a corn field with a walking than with a riding corn plow, at the same time we by no means advise this step backward. A careful man will ride a corn plow all day and not destroy more than twenty plants. Surely the energy expended in walking to save these twenty corn plants would be dearly expended. It is right and proper for our stations to point out ideal methods, but it is up to the farmer to employ the most practical means of reaching these useful ends.

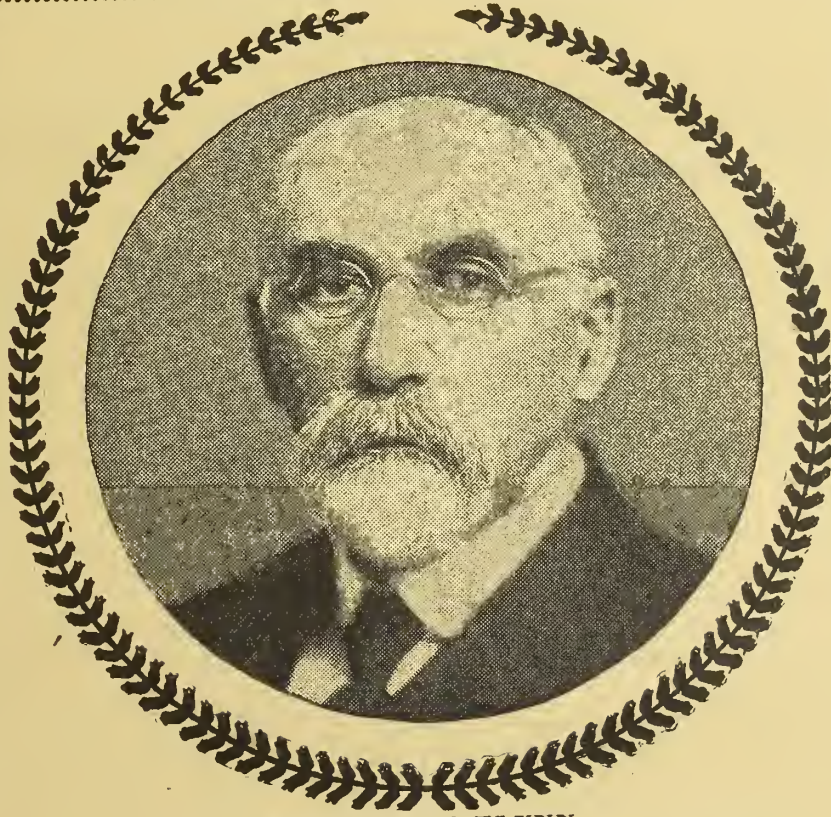
We favor riding machinery of all kinds, including plows, harrows, corn cultivators and throughout almost the entire list. We do this with a full realization of the whole situation, knowing full well how difficult it is to retain satisfactory help on the farm when you use old-fashioned machinery while your neighbors are using that which is up-to-date. It pays to do things well, and we are in favor of all the advanced methods that are advocated, but we also favor the practice of doing things the easiest possible way. The labor item of the future on the farms of the corn belt is going to amount to a problem, and we ought to begin now to solve it by planning to cut out all forms of useless labor.

PROFIT ON \$50 LAND.

A Missouri subscriber sends the following communication:

I own a 170 acre farm which would sell today for practically \$50 an acre. I am carrying a mortgage of \$3,500 and am unable to do any work myself. Do you think it possible for me to pay a man three or four hundred dollars a year to go on that farm and realize any profit? I can furnish a good work team, a pair of brood mares, fifteen cows and ten brood sows. Fifty acres of this land could be put in wheat this fall. Would you advise selling, or would you take the risk of employing a man to conduct affairs for you?

So much depends on the kind of man employed in this case that it is almost impossible to give any advice that will be helpful. By the time the owner pays



MR. MARTIN FLYNN,
Proprietor Walnut Hill Farm, Des Moines, Iowa. See page 2.

diary harrow will, if sensibly used, do the work in fitting up an ideal seed-bed. It is an easy matter to waste labor by attempting to harrow when the soil is dry and lumpy. Much more can be accomplished by waiting until the clods have been moistened. Of course if sufficient rain does not come between this date and seeding time to enable the breaking up of the clods it will be impossible to make any kind of a satisfactory seed-bed without the use of the roller. By using the roller and harrow alternately much may be done in the way of breaking down harsh lumps.

With the ordinary showers that are usually received during the next month we apprehend that there will be little difficulty, if plowing is done early, in getting the work done properly. The thing to keep in mind is to firm the soil, and the same work that brings about this condition will make it fine on the surface. Sometimes there is a little advantage if a few lumps remain after the soil is worked into a fairly good condition; that is, after there is sufficient fine soil to cover the seed. These lumps afterwards are spread out on the surface by the action of frost and in this way cover up exposed roots during freezing and thawing weather.

After going to the trouble of preparing a good seed-bed it will usually pay to use a drill to sow the wheat. This insures a perfect covering of the seed so that all grain is uniformly germinated. Much less seed per acre is required in

about sowing the crop rather early, so that it will make a good top before winter. According to our observation winter wheat is, as a rule, sown too late. One need have little hesitation about sowing sufficiently early so as to obtain a growth of six or seven inches. This means that the root will be strong and the crop will mature earlier the following year than if it were seeded late and made but a small growth in the fall.

CUTTING OUT THE HEAVY LABOR.

In the very necessity of the case farmers are obliged to put in long hours, especially so during the time when crops are being put in, tended and taken off. This fact partly accounts for the difficulty that is now experienced in getting help on the farm. Men often feel irritated over the situation and they are led to deplore the fact that the race is degenerating, inasmuch as there seems to be an increasing tendency among young men to leave the farm.

Many theories are set forth as to how to counteract the movement from the country to the city, but in many cases these miss the mark. The practical solution of the problem is to make work on the farm as agreeable as it is in the city, and the farm will hold its own. We see no possibility of always having the regular hours of labor on the farm that are employed in the city, nevertheless great improvements may be made along this line. It is up to each individual farmer who keeps hired help to

interest on the \$3,500 indebtedness, and in addition pays for the service of one man by the year and an additional man during certain months of the year, we think there is some risk to run about anything being left over for the owner at the end of the year. Then, something depends upon the productiveness of the soil. Where land will produce sixty or seventy bushels of corn it might be possible to carry a burden of this kind and yet realize some profit. If, on the other hand, one has to depend on wheat or small grain of any kind, there is small prospect of profit.

Our advice would be to try operating the farm in this way for one year. Land in the corn belt is bound to increase in value, and even should the owner not make more than expenses, a fair profit might be realized as a result of appreciation in land values.

LUNG WORMS OF SHEEP.

BY A. S. ALEXANDER, MADISON, WISCONSIN

We are in receipt of the following letter from an Iowa farmer:

I have 385 sheep, of which 176 are lambs. For some time back the ewes have not kept in as good flesh as I thought they ought, but as they were a little short on pasture I paid no particular attention to the matter. Shortly after being shorn they commenced to cough a great deal and to run at the nose. But as the weather was wet I thought they had caught cold or had an epizootic of some sort and so paid little heed to the trouble. They seemed to get no better, although the discharge from the nostrils has dried up to a great extent. I have lost five or six (all ewes) and will probably lose some more. No lambs have died, but, judging from their cough and respiration, they are troubled with the same disease which I find, by dissecting two ewes that died, to be lung worms, which are small, thread-like worms from one to three inches or more in length, white in color and all through the lungs. Part of the pasture is wet and the sheep have drunk slough water more or less. I presume this had something to do with the cause of the trouble, but I can hardly get another pasture and others here have used similar pasture without fatal results. Now, I would like to know if these worms will increase from now on until many of the sheep die or as weather gets drier will the mortality be less? I have been told to fumigate the sheep, but it is quite a task, more, in fact, than I have time for, nor have I a suitable building. Please advise how to treat the trouble, as this is something sheep have not been troubled with before in these parts.

The disease described is known as "verminous bronchitis" and is caused by a thread-like worm termed "strongylus filaria" by scientists. The eggs of this parasite are picked up by the sheep and lambs on low, wet tainted pasture that long has been used by adult sheep. The eggs pass from the body in the manure which dries and becomes spread out so that the eggs are set free to become attached to the blades of grass close to the roots. While adult sheep may be badly infested by these worms they do not always cause death but lead to a distressing cough and some emaciation. There can be little question, however, that the adult sheep carry the parasites for many months at a time and reinfest the pasture in spring as is the case with the "stomach worm" of sheep, technically known as "strongylus contortus."

Evidently then, prevention of the disease is to be sought by keeping lambs off low, wet, tainted pasture and away from adult sheep. This is the grand principle which it is necessary to follow closely in the management of a flock of sheep and as calves are similarly affected by a lung worm, known as strongylus micrurus and which is acquired in an identical way what applies to the management of sheep is equally true of the management of young calves.

In the case described by this correspondent there is no doubt that the worms were derived from the low, wet pasture and from adult affected sheep and while the disease will become less prevalent when the weather becomes dry and the pasture grasses wither it is certain that all affected lambs will be likely to die unless properly treated and especially well fed on a generous ration of oats and bran along with nutritious green stuff. The generous feeding is of the greatest importance in dealing with parasitic troubles of lambs and sheep. The parasites sap the blood and strength of their hosts and unless the latter are well kept up by good feeding they will speedily become emaciated and succumb. It is quite possible by the feeding advised to keep sheep and lambs in fairly good shape despite worms until the latter are naturally gotten rid of and in the case of lung worms the period of attack lasts from three to four months but the lambs may soon become reinfected if exposed to the necessary con-

ditions. That good feeding offsets parasitic infection is proved by the fact that thousands of sheep are affected with "nodular disease of the intestines" (knotty guts) due to the presence of a worm, yet do not show it until they are slaughtered. On the contrary, sheep affected by nodular disease emaciate or suffer from constipation, sometimes fatal, if kept upon poor pasture without additional nutritious food.

Symptoms.—Verminous bronchitis may be detected by the following symptoms: The sheep or lamb affected has attacks of distressing cough which threaten suffocation. The spells of coughing are similar to those suffered by a child affected with croup. Great difficulty in breathing is noticed and the sheep frequently rubs its head against the ground. Soon the patient becomes emaciated from lack of blood and in this condition has pale membranes and skin. The condition can readily be detected in parasitic disease by turning back the eyelids to expose their lining membranes which will be found pale in color (bloodless) if parasites are sapping the system. In bad cases the skin becomes papery and the wool tends to drop out; the breathing becomes hurried, there is a discharge from the nose in which it is sometimes possible to find the live parasites, the animals droop, quickly lose strength and die. The parasites may also occupy the intestines and in that case cause purging but as a rule where this is seen the disease is complicated by the presence of stomach worms. The disease is worse in prolonged spells of wet weather and is little seen in periods of comparative drouth.

Treatment.—The most successful method of treatment is to inject medicine directly into the windpipe by means of a hollow needle thrust between the rings of the trachea and attached to a syringe containing the medicine. An ordinary veterinary hypodermic syringe provided with a long, strong, hollow needle is suitable for the work and may be obtained from any dealer in veterinary instruments or through any druggist.

The following solution will be found effective when used with the hypodermic syringe in windpipe: Take iodine, half dram; iodid of potash two and one-half drams; distilled water three ounces. Mix this solution with two ounces of turpentine and six ounces of olive oil well shaken together. The dose of this mixture is two drams (teaspoonfuls) which are to be slowly injected into the windpipe by means of the hypodermic syringe. Repeat the dose in two or three days and again as required according to severity of case.

Gasoline or turpentine also may be given internally with good effect as so often advised here for the destruction of stomach worms. Allow free access to salt and if lambs are weak mix in their feed once daily a teaspoonful for each lamb of a mixture of equal parts dried sulphate of iron, ground gentian root and flowers of sulphur. Avoid close cropped grass and allow access to well grown rape and other tall green plants used for sheep. A liberal dressing of crushed rock salt to infected pastures is said to lessen the danger of worm invasion.

NAMING PURE-BRED STOCK.

A subscriber from LeMars, Iowa, sends the following communication:

I would like to ask what course a man who is in the pure-bred stock business should pursue in the naming of his animals. Are there any rules, framed by the record association governing that part of the business? Must a family name or that of the sire be maintained in any strain of live stock? I know others who will be glad to get light on this subject beside myself.

There are no special rules that apply to the naming of pure-bred animals. Family names may often be employed and the only restrictions that there might be in this case would be found in the matter of duplication. The secretaries of the various associations, however, will see to it that no animal is given exactly the same name as one that is already recorded. Some people seem to take delight in choosing homely names for animals, while others are specially strong in the selection of long names, the writing of which involves much labor. We think that it is possible to err in the direction of brevity, but at the same time it is the best way to err. It is not necessary to keep up the sire's name or any name that has ever been used before. Sometimes the blending of part of the sire's name and part of the dam's may, when applied to the offspring, give the youngster a good start

in life. Where sires are particularly noted it is generally a wise thing to maintain at least part of the sire's name. Take the great show bull, Choice Goods, for example. To name a choice calf by that sire Kruger would show a poor sense of the fitness of things, especially when you have access to such words as Choice Goods Prince, Choice Goods Duke, etc. Possibly the best thing for one to do who is beginning along this line is to take up a number of good catalogs and formulate your ideas after making a close study of these. Our best breeders aim to select pleasing and meaningful names.

A SUCCESSFUL LIVE STOCK BREEDER

If the factors that make up the sum total of a successful man's career are of interest to the wide-awake public, there need be no apology offered in presenting a brief outline of the life and work of Mr. Martin Flynn, of Des Moines, Iowa. His has been a somewhat notable career, inasmuch as it has been marked by wisdom and abundance of energy throughout.

As a lad of nine years he came to this country from Ireland, in 1849. Thrown upon his own resources he started at once at the lowest round in the ladder in railroading, acting in the capacity of water-boy. At that tender age he literally hitched his wagon to a star. The water business was good to start on, but something better was in sight. At ten he turned his attention to stone-breaking for the railroad company and soon became an independent contractor, who utilized boy labor.

In a few years the Flynn boy graduated with honors from stone-breaking and took up the work of railroad construction, beginning on the Iowa division of the Chicago & Northwestern. Hundreds of miles of road-bed along this line as well as on the Union Pacific, Rock Island, Burlington, and Santa Fe stand as a monument to the industry of this now famous breeder of Short-horn cattle. By instinct and experience Mr. Flynn was an unusually practical man—one who could turn his hand to any form of labor, though this was combined with exceptional executive ability. The result was he prospered—grew wealthy in fact. And his profits, where were they invested? In land—to the permanent enrichment of corn-belt agriculture and the live stock industry of the West. His acreage accumulation increased until Walnut Hill Farm, eight miles from the city of Des Moines, includes an area of 1,515 acres of ideal crop and pasture land. With the purchase of land Mr. Flynn began investing in Short-horns, his herd increasing year by year until it now numbers five or six hundred head. His interests also increased in other directions.

He organized the Peoples' Bank, of Des Moines, and became its president, which office he still holds. In addition, he engaged in the manufacture of brick on an extensive scale. But Walnut Hill Farm and the Short-horns were the pride of his heart, though his time until within the last few years was largely taken up with other matters. The responsibility of affairs on the farm for many years fell on other shoulders, but no department suffered because of that. Mr. Flynn's success as a contractor was only matched by the able manner in which things were brought to pass on the farm, the credit there being entirely due to the splendid efforts of Mrs. Flynn—to whom no one is more generous than Mr. Flynn in the giving of credit. A family of ten children came to the home, and today five stalwart sons are taking an important part in the management of the extensive Flynn interests. A recent incorporation has placed everything under the control of the Flynn Farm Company.

Although the strenuous years of Mr. Flynn's life did not associate him with the live stock industry, yet it is his record as a breeder of Short-horn cattle that stamps his name on corn-belt history. A man abounding in common sense and with almost unerring judgment, it was but natural that he should forge to the front when he took up in earnest the breeding of cattle. He became a close student of pedigree and has always been fearless in his method of mixing blood lines, without regard to the effect on pedigree. To improve the animal was his aim always, and the results attained have more than justified the means. Mr. Flynn stands today at the very top as a breeder of "good cattle." His success has done much to correct the blighting effect of the pedigree craze, and because

This Keeps Lightning Out Of Your Telephones



This is our "No Risk" Lightning Arrester. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house.

Protects the house, avoids fire, insures safety for the family.

Simple; positive; sure. Book FREE.

Just send your name and address. Our book explains everything—how you can try the "No Risk" Lightning Arrester FREE. Or send us \$2.00 and get the complete arrester. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One man sold 15 one day. Another 35 in 5 days.

Edith Sutton, La Russell, Mo., was instantly killed May 31st by lightning while talking over country phone.

Forty country telephones were burned out at Beatrice, Neb. in an electrical storm June 5th.

Abner Hosking, Norway, Mich., was struck by lightning June 6th while standing near his country phone.

Atlantic, Iowa, June 24.—Lightning played havoc with the rural phones in all directions.

All could have been prevented by using "No Risk Lightning Arrester."

W. E. ASHBY TELEPHONE CUT OUT CO.,
101 Square St., Chariton, Iowa.

of this alone his name will long be revered.

As a juror in the beef cattle ring no man stands higher today in the opinion of successful men than Mr. Flynn. His work in this line at the principal expositions has always borne the stamp of honesty and his decisions have always been the result of a discriminating judgment. There is no breeder of note today in America who would hesitate to compete in any company before a judge so fair and honest as Mr. Flynn. Although creeping along to the western horizon of life, he lives in the present. He fails utterly to grow old-fashioned, and especially in his ideals as to what constitutes a good animal and the methods that should be employed to produce same. He has been somewhat of a stickler over the use of good sires, not only in the advice he offered to others, but as applied to the improvement of his own herd. Although a keen student of pedigree, yet the animal itself had to be there always, as before stated, and his herd today plainly shows the effect of practicing this doctrine. There are many well posted men who hold the opinion that the Flynn herd of Short-horns is the most useful "breeding" herd in America today. To start in as a water-boy at nine and reach this distinction before the mark of three score years and ten is past is success, and confirms the sentiment expressed in the title above—"A Successful Live Stock Breeder."

This issue of the Homestead was ready for press when word was received that Mr. Flynn died suddenly on the morning of Wednesday, July 18th. For some time his health had been failing, though it was not realized that the end was so near. The story of his life as given above was prepared without the slightest suggestion that his health was so undermined. We know that thousands of his friends throughout the central West will receive in sorrow the news of the death of this stalwart pioneer.

The serial advertisement, or continued story, of The Litchfield Mfg. Co., which has been running in The Homestead now for a number of months, this week offers some fine Indian subject engravings in strong, beautiful colors, with a view of getting a little direct information from our readers. These are offered absolutely free and will be sent postpaid. We trust our readers will take advantage of this proposition, that as many of these pictures as possible may be distributed with our patrons. Read their advertisement on page 5.

\$8.00	\$8.00	\$8.00	\$8.00	\$3.00	\$3.00
CHICAGO AND RETURN					
\$8.00	\$8.00	\$8.00	\$3.00	\$3.00	\$3.00

On August 4th, 5th and 6th, the Chicago Great Western Railway will sell special round trip tickets from Des Moines to Chicago and return at rate of \$3.00. Tickets will be first class in every respect and have limit for return of August 15th. For full information, apply to E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

FISHING AND CAMPING.
Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

NEW ENGLAND AND CANADIAN POINTS.
The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

Farm Furrows

Turned by a Practical Farmer.

A man makes a mistake when he depends on a scrub bull to head his herd of cows.

One very good way to get one's nose down to the grind-stone is to stick it into other people's business.

There is more clean corn ground this year than usual. The cultivator cannot do its best work when rains are plentiful and abundant.

A man is quite liable to make a mistake when he attempts to grow three crops of corn in rotation. This is taking a step backward.

With the hay loader and the horse hay fork hay ought to go into the barn rapidly. When hay is cured it cannot be put away too fast.

"You say, Sam, that your friend was utterly prostrated by a mere case of mistaken identity?" "Yes, he mistook a toadstool for a mushroom."

In shocking grain the bundles must be set down in a vigorous manner or they will not stay. It is surprising what poor shockers we have on farms.

It has been many a year since there has been as large a crop of cherries as we have this year. I saw many baskets of cherries of twenty pounds selling at fifty cents each.

An authority on such matters claims that one-fourth of the hay crop comes from wild grass. It is a notable fact that of the wild grasses used for hay in the United States not one variety has been brought into cultivation.

Have you ever tried having summer collars for horses in summer and winter collars for winter? It is a good plan and leads to fewer sore shoulders. Horses' shoulders are not the same shape or size in winter that they are in summer.

A friend of mine who has been visiting in his old home, Maine, says there are many ox teams at work in that state. He says the rocks seem more plentiful and have grown to be mammoth in size since he was a boy in that state.

A new milker will not get as much milk as the one to which the cow has been accustomed. A cow has some rights that are to be respected. Whether she has or not she usually assumes the right to withhold her milk when she has a new milker.

I know a hired man who is up-to-date, and he commands the highest price for his labor. He takes a farm paper and keeps posted as to what is going on. His employer does not take a farm paper, and is willing to pay him for his information and experience.

No decided improvement has been made in the past twenty years in cooking for harvest hands or thrashers. The cookstove is just as hot now as it was then. The kitchen duties are just as laborious and withal the housewife's duties are very much the same.

A bill has been introduced in the German law-making body requiring automobilists to pay life annuities to those dependent on persons killed or permanently injured by motor cars. Owners of machines are held responsible and not chauffeurs. Well, that seems to be all right.

Too often do we lose sight of the value of sunshine, especially in regions where it is abundant. It is one of the great factors in producing crops and is also an essential in the early life of young stock. There is such a thing as having too much rain, but we can scarcely get too much sunshine.

I would go a great ways to see an old fashioned thrashing outfit at work. I remember that all hands had to be called to assist in unloading the horsepower, and the athletic boys of the neighborhood were called into use in driving the stakes. No self feeders, no straw stackers, no weighers or other improved attachments then graced the machinery. Men were called upon to do all within their power and progress was

slow enough. This age is too fast for that equipment.

The farmer who broke his hoe handle leaning on it was leaning on the wrong thing.

Two very good ways to market farm crops may be found in the pig skin and in the milk can.

There is a weed called "live-forever." It is claimed that some experiment stations have found a disease that, when introduced, will kill this well-known plant.

It never pays to be a next year farmer, and yet it pays as well as it does to be a last year's farmer. Don't put off any farming for tomorrow that can be done today.

The first riding implement I saw I made this remark: "When I have to ride while farming, I'll quit the farm." I afterward repented and now I have all riding implements. Can't get too many of them.

For a number of years we have had our first mess of new home-grown potatoes on June 17th and our first roasting ears on July 10th, but this year we have been able to clip off a few days of the record; had both before the dates mentioned.

Not every rich field will produce good crops; not every trotting bred horse will trot; not every drafter will escape the barbed wire; not every banker is honest; not every bright thing that glitters is gold; not every church member is a Christian.

For several years we have not heard so much of surface cultivators. I believe somewhat in surface cultivation, but there are conditions when it is not the thing. This has been a glorious season for the use of surface cultivators of various kinds.

One practice that has been so neglected as to almost be given the name of a "lost art" should again be revived. It is that of stacking grain. There are too few farmers who can build a stack of grain that will keep. The reason is easy. Thrashing from the shock does the damage.

A great many good things have to be introduced with difficulty. Some years ago when the silo was being introduced there were many that made fun of the "corn kraut," as they were pleased to call silage, but now there are many who cannot understand why there are not more silos.

Whether building a stack of grain with a fork or "kneeing" every bundle, one thing necessary is to keep the middle well filled. If this rule is followed there will be but little grain spoiled. After one has reached that point above the "bulge" it will be well to keep the middle quite full.

The Iowa weather man, Dr. Sage, says he went to the country to get away from the popping of the firecrackers and the corn was growing so rapidly that the popping of the corn kept him awake after all. He is quite patriotic, but he says the popping of the corn sounds better to his ear than the popping of firecrackers.

Nowhere does organization count for any more than it does in a thrashing club. Such clubs are advantageous in that their members know who is going to help, and when they are to have their work done. There are no laggards and every man has an interest in the work that is being done whether at home or at a neighbor's.

A lady friend writes me: "I sometimes see reference in papers made to the 'hay box.' Will you kindly let me know what is meant by it?" A "hay box" consists of a box or a keg stuffed with hay so as to retain the heat of a closed vessel containing partly cooked food. The food is boiling when placed in the box and the heat thus retained finishes the cooking.

Circus day makes a good time to cultivate corn. I know, for I have tried it. Once upon a time there was a circus in a town near my place, and all my folks (boys and all) went. The whole neighborhood went and I seemed to be the only person that was not at the circus. I was as lonesome as I could be and had to work hard to keep from collapsing. On that day I cultivated

THE NEW MOLINE THE IRONCLAD WAGON!!

Five hundred men, masters of the wagon-maker's craft, put the best efforts of their hands and brains into the making of New Moline Wagons.

With its gearing of select Hickory and tough White Oak and its box with Yellow Pine Bottom, grooved and matched, the New Moline Wagon has a foundation that will last for years.

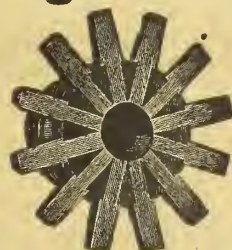


It's so strongly reinforced with extra heavy iron throughout, that farmers call it the "Ironclad" Wagon.

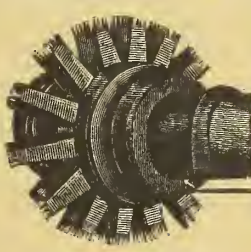
Pole, doubletrees, singletrees, gearing and box are so thoroughly protected and strongly braced with heavy ironing that its solidity and durability defy the test of time.

Its dust-proof skeins keep out every particle of dust and dirt.

Lightest Running Wagon in the World



Section Hub and Spokes.
Practically One Solid Piece.



Note Dust-Proof Skein.

The New Moline is built right, from the ground up. It's a light-running Wagon, and the longer you use it the better you'll like it, for it's got more up-to-date features, and gives more years of satisfactory service than any ordinary wagon. We've been perfecting this wagon since 1854.

We fully guarantee every New Moline Wagon that leaves our works.

The demand for New Molines is enormous—taxing the full capacity of our immense factories.

GET THIS BOOK! We want every farmer to have a copy of our wonderful Wagon Book. It don't make any difference whether you are thinking of buying, or not—send for it anyway! It tells just how the genuine "Ironclad" Wagons are made. Shows all the parts SEPARATELY; and you can SEE how they are IRONED and BRACED and DOUBLY REINFORCED, making THE NEW MOLINE the most durable as well as the lightest-running wagon on earth. The book tells you more about a wagon than any other Wagon Book in existence. It is FREE, postage prepaid by us.

MOLINE WAGON COMPANY
MOLINE, ILL.

Do You Want a Home in Kansas

We have sugar beet, wheat and alfalfa lands at prices where you can afford to invest. Address.

SHULL BROS., GARDEN CITY, KAN.

eighty-eight rows of corn eighty rods long, something that was seldom done in that particular field.

The fairest boss a hired man can have is the one who works along with his man, for he has an idea what work is and how much ought to be performed in a given time. No one who does not work can be in sympathy with labor. The hired man of today is better paid than any other laborer of like character.

With the old fashioned four shovel cultivator I have cultivated through patches of morning glories and the vines would creep up on the gangs and finally fall off to establish new colonies and to create further trouble. One ought never to carry a vine out of the patch where it grew unless he believes in propagating them.

A magazine article gives instruction how farmers' wives can earn some spending money during their leisure moments. The leisure moments of haying, harvesting, thrashing, canning, preserving, butter-making, chicken-raising and garden-making season of the year is liable to flood the markets with the products of leisure moments.

The effects of an idle life are terrible in their destruction of the morals of men and women. Idleness is not so common on the farm, and for that reason more good citizens come from the farm than any other place. Wealth and idleness have ruined many a promising young man. Every man who has children, be he rich or poor, should remember the dangers that beset the idle.

Subscribers who handle sheep will be interested in a communication which appears in this issue on the lung worm by

Dr. A. S. Alexander, of the Wisconsin Experiment Station. Dr. Alexander is recognized as an expert in the treating of animal diseases, and what he says on the lung worm brings the matter up to date. We commend the especial attention of sheep breeders who farm low lands.

A friend asks me the origin of the name of timothy as applied to a variety of grass. The common belief is that the name was given this species because it was introduced and extensively cultivated by Timothy Hanson, a farmer of Maryland. This species is well known in England and all over western continental Europe. In Great Britain it is known as catstail grass and in our eastern states it is sometimes given the name of herd grass.

NEW HOMES IN THE WEST—SHOSHONE RESERVATION TO BE OPENED TO SETTLEMENT.

Chicago & Northwestern Railway announces round trip excursion rates from all points July 12th to 29th. Less than one fare for the round trip to Shoshoni, Wyoming, the reservation border.

The only all rail route to the reservation border.

Dates of registration July 16th to 31st at Shoshoni and Lander. Reached only by the Chicago & Northwestern Railway.

Write for pamphlets, telling how to take up one of these attractive homesteads.

Information, maps and pamphlets free on request to S. F. Miller, Assistant General Freight and Passenger Agent, C. & N. W. Ry., Omaha, Neb.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

CONTROLLING THE CORN BILLBUG AND CORN ROOT-LOUSE.

Corn billbugs and the corn root-louse have long been recognized as serious enemies of corn throughout the greater portion of the corn belt. For several years S. A. Forbes, Illinois state entomologist, and his assistants have been working on corn insects in general and on practical methods of controlling these pests. In a recent study of such species of corn billbugs as breed in grasses it was found that in badly infested timothy fields from 50 to 75 per cent of the timothy bulbs were injured to some extent. In fields which had been in timothy only two years the bulbs were infested to the extent of 10 to 20 per cent. It was found that at least 33 per cent of hills of corn infested with these insects failed to form ears or filled out very imperfectly, some fields yielding only twenty to forty-five bushels per acre, where the yield should have been eighty bushels. In some localities as high as 29 per cent of the hills of corn were quite badly injured, the amount of damage naturally varying according to the nearness of the field to old centers of infestation by this insect.

The observations made on corn billbugs showed clearly a great contrast in the extent of infestation between corn grown on timothy sod plowed early in the fall and that plowed only a few days before planting. A direct test of the value of fall plowing in the control of these insects showed that the injury from corn billbugs is due almost entirely to planting corn after timothy and upon spring plowing, and conversely it appeared that the injury could be effectively prevented by early fall plowing of the timothy sod. All insecticide methods of this kind recommend themselves incidentally to farmers, since the practice of fall plowing may be beneficial from a cultural standpoint and is easy of application.

Likewise with the corn root-aphis a successful cultural remedy was found. As may be generally known, this insect, like many other aphides, is cared for by certain species of ants. The ants construct their nests in the soil and care for the aphides the year round. Experiments were undertaken to determine the amount of benefit which could be derived from breaking up these ant nests by cultivation. On one farm it was found that where the soil was disked three times and harrowed once the number of ants and aphides was reduced by 92 per cent. In fact, in one instance the insects were reduced to the extent of 89 per cent by a single treatment of the soil with a disk harrow. The disking was done on May 22 and 23, after a heavy rainfall had occurred between the fifteenth and twentieth of the month. In general, it is recommended that fields in which it is intended to plant corn should be thoroughly disked in the spring as soon as the ground is dry enough to work. Attention is likewise called in this case to the fact that "the treatment most effective for the destruction of the root aphis and its attendant in spring is, in a great measure, that which will be found most useful as a thorough preparation of the soil for corn." This method will not entirely eradicate the corn root-louse, but will reduce the numbers to such an extent that the injury from it will hardly be of economic importance.

The Litchfield Mfg. Co. are offering to give away sets of finely engraved Indian subjects, absolutely free of charge. Read their advertisement on page 5.

CHEAP R. R. RATES VIA M. & ST. L.
Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays to Montana, Washington, etc., at one fare plus \$2.00.

Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.

Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.

For particulars call at the M. & St. L. ticket office, 512 Walnut St., Des Moines, Iowa.

\$5.95 TO MINNEAPOLIS AND RETURN
Via Chicago Great Western Railway, account G. A. R. Encampment August 13th to 18th. Tickets on sale after August 11th. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS,
Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until

October 31st. Specially low rate round trip tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 18th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.



Highland Park College
Des Moines, Iowa.

Fall Term Opens Sept. 4, 1906, Other Terms Open Oct. 15, Nov. 27, and Jan. 2, 1907.

THE FOLLOWING REGULAR COURSES MAINTAINED

1 Classical	11 Pharmacy
2 Scientific	12 Music
3 Philosophical	13 Oratory
4 Normal	14 Business
5 Primary Training	15 Shorthand
6 Electrical Engineering	16 Telegraphy
7 Steam Engineering	17 Pen Art and Drawing
8 Mechanical Engineering	18 Railway Mail Service
9 Civil Engineering	19 Summer School
10 Telephone Engineering	20 Home Study

Instruction given in all branches by correspondence.

Board \$1.50, \$2.00 and \$2.50 per week. Tuition in College Normal and Commercial Courses, \$12.00 a quarter. All expenses three months \$45.40; six months \$85.47, nine months \$124.21. Free scholarship to one person from each county. School all year. Enter anytime. 2000 students annually. Catalog free. Mention course in which you are interested and state whether you wish resident or correspondence work.

HIGHLAND PARK COLLEGE, 3769 2nd Street, DES MOINES, IOWA.

J. W. PEDIGO ARRESTER.

THIS arrester is really a disconnecter. Write for full description. Guarantee and instructions for installing.

J. W. PEDIGO, LUCAS, IOWA.

ALL STYLES LOWEST PRICES

SCALES

30 DAYS FREE TRIAL

AMERICAN SCALE CO.
302 FIDELITY TRUST BLDG., KANSAS CITY, MO.

STARK TREES ARE FAMOUS
wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

DRAKE UNIVERSITY

HILL McCLELLAND BELL, A. M., LL. D., PRESIDENT

1,634 students enrolled last year. Eight well equipped University Buildings. More than 100 Trained Teachers in the Faculty. Des Moines is an Ideal Location. Library Facilities unexcelled elsewhere in Iowa. Expenses Low.

COLLEGES AND SCHOOLS
COLLEGE OF MEDICINE COLLEGE OF LIBERAL ARTS COLLEGE OF LAW
COLLEGE OF DENTL SURGERY COLLEGE OF THE BIBLE
CONSERVATORY OF MUSIC - NORMAL SCHOOL

Normal School includes School of Education, Preparatory School, Commercial and Shorthand School, Oratory and Physical Culture School, Primary Training School, Kindergarten Training School, Music Supervisors' Training School, Correspondence School, Summer School. Write for catalog. Address,

DRAKE UNIVERSITY, DES MOINES, IOWA.

COLORADO WEATHER REPORT FOR MAY.

DENVER, June 1.—Denver had 290 hours of sunshine during May, 65 per cent of the possible, or 5 per cent more than normal—no day without sunshine, seven with 90 per cent or more, and two with 100 per cent.

Go to Colorado this Summer

You may have had a fairly good time somewhere else last Summer, but you'll

have the "time of your life" this summer if you go to Colorado.

Let the Rocky Mountain climate—the pure air, sunshine, magnificent scenery and pastimes make you forget all your cares in a vacation of supreme delight.

Go via the Rock Island and enjoy the advantages of new equipment, fast time, direct route to both Denver and Colorado Springs, and very low rates for the round trip.

Fast through trains three times a day from Des Moines—almost "as the crow flies" to Colorado.

Pullman drawing-room and tourist sleeping cars, electric-lighted reclining chair cars and coaches.

Best meals on wheels.

Let me send you our new illustrated booklet, "Under the Turquoise Sky," containing full information about Colorado, with complete list of hotels and boarding houses. Advice as to excursion rates will accompany it.



GEO. R. KLINE,
City Passenger Agent,
Rock Island Lines,
423 Walnut Street and
Rock Island Station

MAKES SPORT FOR ANGLERS

Government Plants Trout By the Millions.

DENVER, Feb. 15. — A statement just issued shows that over 7,000,000 young trout were planted by the Government in Colorado streams during 1905.

For a number of years fish in the mountain streams have been increasing in great numbers.

The United States Government and the State hatcheries each year plant a hundred times more fish than are taken out by hook and line.

STACKING GRAIN.

BY ANDREW BOSS, MINNESOTA EXPERIMENT STATION.

In the grain-raising sections of the middle Northwest, the matter of stacking is perhaps of more importance than many farmers believe. Where grain of high quality is desired for either market or seed purposes, it is possible to secure a much higher grade through stacking the grain than can be secured where thrashing from the shock is resorted to. It has been estimated by some that standing in the stack for six weeks or three months will raise the quality of the wheat one grade. This has been demonstrated to be true under certain conditions, though the claim is not made that it would hold in every instance. Barley that is slightly colored is somewhat whitened in the stack, and since grain must sweat either in the straw or bin, it is much safer to let it go through this process in the stack. If grain is to be stacked, it is important that it be stacked well, or the desired increase in quality will not be obtained. Poorly stacked grain is even worse off and liable to more damage than grain in well-built shocks.

In starting the stack, much the same method should be followed as in building a large round shock. The important conditions are: First, to keep the heads of the bundles of grain off the ground, thus preventing loss through wet grain. Second, to build the stack true and round, that the heart of the stack may be in the center, and danger of swinging or settling to one side reduced. Third, the center of the stack should be kept full, though during the first five or six feet in height it is not absolutely necessary that the center be kept uncomfortably full. In stacking, much loose stuff is always raked up around the wagons and stacks, and this can best be disposed of in the bottom of the stack, and should always be piled in the center, with a row of good bundles around the outside. In building the butt of the stack, it is highly important that every bound bundle should be laid with the head of the bundle pointing directly towards the center of the stack. If this point is deviated from to any extent, there will be much trouble from bundles slipping out and rolling when stepped on. The first five or six feet in height should be kept comparatively solid, and while walking on every bundle is not always advisable, it will help materially in settling the stack into good shape.

An important point in stacking is to build so as to prevent the stack swinging as it grows higher. Keeping the bottom solid and the courses level will do much to obviate this difficulty. In the bottom of the stack and until the drawing in point is reached, the bundles may be lapped just as much as is necessary to give the proper slant to the stack. If a steep center is desired, lapping the bundles clear out to the bands will raise the center. If the stack becomes too steep, the center can be lowered by lapping the bundles just over the heads of the row preceding. The steepness of the center and the lapping of the bundles in the bottom of the stack are not so important as keeping the stack level, the heart full and the bundles packed solidly together. The bottom of the stack should be regarded as the foundation, and if properly built, it will support the top without swinging. The top of the stack, if properly put on, will protect the foundation and keep the water out unless it is of faulty construction.

In stacking with a fork, especially, it is important that a generous bulge be built on the stack. This should commence when the stack is four or five feet high, building it up straight to that point.

By turning the long side of the bundle up for four or five courses, it will give a gradual bulge to the stack, which is in no danger of slipping out, if the bundles are carefully and properly placed. The best results will usually be obtained where the butts of the bundles in each row are placed half way between the heads and bands of the row preceding.

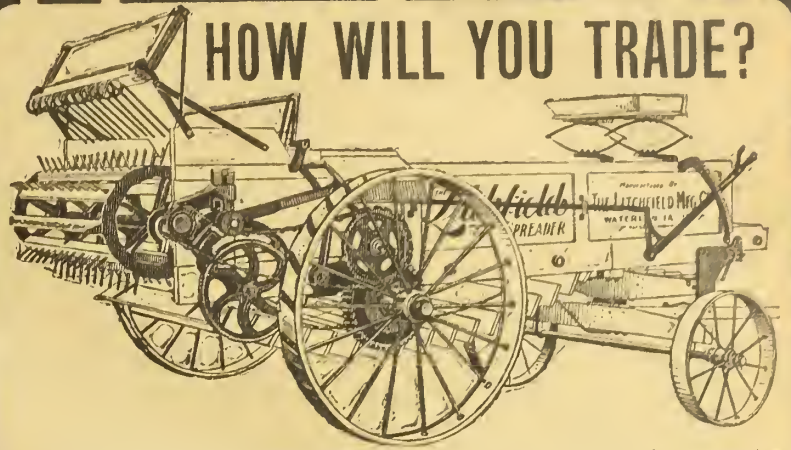
Before reaching the drawing in point, the center of the stack should be raised considerably. The drawing in point marks the shoulder of the stack, and it is at this place that more damaged grain results than any other part of the stack. The object of raising the center of the stack before drawing in is to give an opportunity to raise the heads of the bundles at the shoulder of the stack and run the water out over the bulge where it can fall clear off the stack to the ground. Instead of letting each row of bundles out near the bands, as was the case in the bottom of the stack, it will be necessary to let the butts of the second row of bundles lap just over the heads of the bundles in the first row. The bundles in the third row should be placed about four to six inches inside of the butts of the bundles in the second row, thus providing a solid place for the heads of the outside row in the next course and raising them sufficiently to carry off the water. From the third row to the center of the stack, the bundles may be placed with the butts just reaching the bands of the row preceding. As soon as the turn is made and drawing in started, the long side of the bundles should be placed down, thus drawing in the stack gradually and giving it a smooth surface which will not hold water as it falls. This method of laying the bundles should be followed as closely as possible from the drawing in point until the stack gets too small for three rows of bundles. The balance of the stack may be finished in almost any way that will permit the bundles to be laid smoothly with the heads pointing up.

The very top of the stack is not nearly so important as that part just above the drawing in point, and even if it becomes slightly wet, will dry out. The important consideration is to so fill the center and slope the bundles on the out-

side that any water that should penetrate for a little distance will run out just as on a shingled roof.

While each man who stacks grain will gradually develop a method of his own, it is believed that if these general suggestions are followed, but little damaged grain will result.

As a matter of convenience in stack-



HOW WILL YOU TRADE?

TO find out just how many readers of The Homestead have been perusing these weekly stories and who may be interested, we propose to ask every reader to at least drop us a postal card.

Will you tell us if you expect to be in the market for a spreader (a good one)? If you are not expecting to buy a machine at some future time, will you extend us the courtesy of such information as you may have about others who are?

We do not want something for nothing, but if you haven't the time, just let the son or the daughter make up a list of all the friends or acquaintances you have who are considering the purchase of a spreader. Please give names and addresses plainly written.

We want to trade with you and for these names we propose to give you a set of Indian pictures that are worthy of a position anywhere. These are 8x10 inches (unmounted) and cover different Sioux, Ogalalla, Brule and Crow subjects.

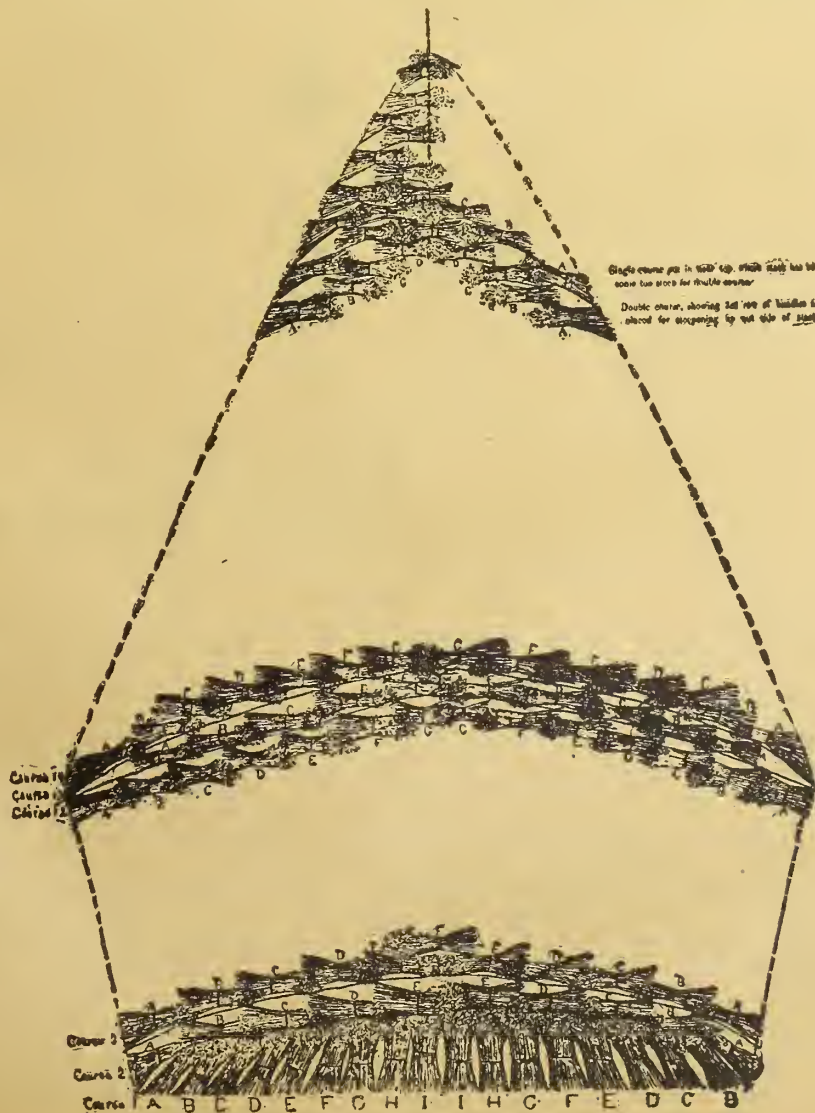
We will appreciate a very full and complete list of your acquaintances who are going to buy and will return the favor promptly. Write now, before you forget it, and help the good work along. A spreader that is guaranteed for five years and sold as cheap as we sell the Litchfield is something that your friends ought to know about. A machine with all the modern, up-to-date ideas and improvements, such as are embodied in this 1907 spreader (now ready for the market) will do your friends good, make them money and they will thank you for putting them in touch with such a machine.

We wish to hear from just as many of our readers as possible this week and if you are in the market please give us this information and also give us the names of as many others as possible. We want to trade these elegant Indian subjects for information and will "trade fair."

It makes no difference what part of the country your acquaintances may be in, as we sell the Litchfield Spreader in all parts of the United States. Our 1907 machine, which is now ready for the market, will be placed with those customers who desire it this fall and is a "winner" to the trade. It exceeds by far any other spreader that has ever been offered and is doing this on its own strength and its own merits.

Ask us any questions you desire and they will be cheerfully answered and we will give all information that may interest you. Write at once and read this space next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA



HOW SHEAVES IN STACK ARE PLACED.

ing and for the protection of the grain, fork stacking is strongly advised. In building the bottom of the stack, it is permissible to walk on every bundle as laid. After beginning to draw in, the stacker should not step on the first and second rows of bundles. From the third row in, however, the solidier they are packed, the better. The center of an ordinary-sized grain stack will be eighteen or twenty feet in height. The weight in the center, therefore, is much greater than on the outside at the bulge, where it is only eight or ten feet in height. The center will, therefore, settle much more in proportion unless kept packed more solidly. The bulge of the stack permits the outside to settle in proportion to the center and maintains the proper slant to bundles throughout the stack. It is for this reason that fork stacking protects the grain better than the old-fashioned method of stacking on the knees. In addition to the benefits in protecting the grain, fork stacking is easier on pitcher and stacker, which is a point well worth considering.

SUMMER VACATION IN COLORADO. LOW RATES VIA ROCK ISLAND LINES.

Colorado, as a place for recreation, is the choice of many thousands of summer tourists.

Colorado is a land of clear, pure air and golden sunshine. It is a land of sparkling mountain streams and glassy-surfaced lakes. There are more enjoyable things to do, more grand sights to see in Colorado than any other place under the sun.

From June 1 to September 30 Rock Island Lines will sell summer tourist tickets at rate of \$21.75 from Des Moines, Iowa, to Denver, Colorado Springs or Pueblo and return. Return limit October 31. July 10 to 15, inclusive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.

This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.

Very low rates will also be in effect to Glenwood Springs, Colo., Salt Lake City and Ogden, Utah, Yellowstone National Park and to the Pacific Coast, with cheap rates for side trips to nearby points of interest en route.

New and improved train service via the Rock Island is an important feature for the Colorado traveler to consider.

Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized home-seeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

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CURRENT EVENTS AND COMMENTS

The revelations made by the investigating committee appointed to examine into the Chicago packing houses appeared to be especially revolting to the British people. Now comes the report that the inspector of factories in England finds conditions even worse than they were in Chicago. Dirty factories and disgusting methods were the rule instead of the exception, as was the case in this country. The inspection abroad dealt with bakeries, fruit factories, sausage plants, etc. It is surely a case where the pot cannot call the kettle black.

That there were rank extravagances in the management of insurance companies before the period of investigation is indicated by the fact that the present management of the Mutual Life Insurance Company is making a daily saving of \$3,000 compared with the record made one year ago. This is the result of reducing the salaries of officers and employees and also cutting down the expenses of the home office building.

State fair managers throughout the entire corn-belt are of the opinion that the greatest series of fairs in central West history will be held this fall. Entries compared with former records in nearly all classes are much more numerous. Crop prospects at present also indicate that the attendance at state fairs will be of record-breaking character.

Secretary Wilson, of the department of agriculture, spent last week in Chicago, examining into the condition of affairs in the packing houses. Before leaving for the West he made the following statement:

I have met the inspectors in charge of federal reconstruction from the different cities of the country. They report that conditions are improving everywhere. I told them that inspection under the new law will be established immediately in those houses where the sanitary conditions which affect the food product justify it. I also told them that no inspection will be given to establishments where the sanitary conditions which affect the food product are now perfect.

President Roosevelt has recently had occasion to re-affirm the statement made at the beginning of the present term, to the effect that he will not be a candidate for office to succeed himself. His secretary, in response to numerous inquiries, was instructed to say: "The president meant exactly what he said on the night of his election, that he would not be a candidate again for the office. That statement is irrevocable."

Independent oil men are jubilant over the action of western railroads in their recent decision to assume pro rating arrangements with eastern railroads. This will have the effect of materially reducing rates on oil and its products from the eastern oil fields and refineries to all points west of Chicago. It is claimed that this will be an important factor in enabling independent concerns to compete with the Standard Oil Company.

Mayor Schmitz, of San Francisco, has recently had grave charges preferred against him by the San Francisco police commissioner. He has been charged with forcing saloons, restaurants and resorts to pay for police protection and immunity. One case is cited where a woman paid \$600 for the privilege of dispensing wine where the sale or giving away of liquor was prohibited.

Liverpool prices of meat have recently made considerable advancement, a fact that would indicate that American meats are bound to remain popular for

some time to come in spite of the revelations made by the investigating committee who examined into the packing house affairs. The fact that the seven cent mark was reached last week in the Chicago market indicates that there is a good outlet somewhere for pork products.

The supreme court of France recently announced its decision annulling the condemnation of Dreyfus without retrial. The effect of the decision means the complete vindication of Dreyfus, entitling him to restoration of his rank in the army as though he had never been accused.

Echoes From a Kansas Farm

By Henry Hatch

"Just two more rains at the right time and the corn crop will be made." We observe that most folks are always wanting either two more rains or two weeks of dry weather.

Is it best to ridge up corn at the last cultivation? As far as the crop is concerned, we never could see that it made much difference, but sometimes a lot of weeds can be smothered by ridging.

Since building room for hay, we have been able to get as much good feeding out of eight loads put in the barn as from ten stacked in the field. In an ordinary wet fall and winter, about two loads in each stack is spoiled or badly damaged.

So far this has been just as busy a season as any that has gone before, if the weather has been favorable for field work most of the time. More farmers are getting along without hired help than formerly, and are making more money by it, but at the expense of having no time to spare.

The packing house investigation is still a subject of interest, especially to the raiser of a large number of beef cattle. Just what the outcome will be, is hard to surmise, but the man who has fat cattle almost ready for market is wondering where the income will be, too. It seems that everything has worked against the cattle raiser for the past three years.

With harvesting, tame hay making and corn cultivating coming all at once, then grain stacking or thrashing and plowing coming right after, few of us have made much of an onslaught on the weeds around the buildings yet. We have kept the weeds down, or from making seed, around these buildings for ten years, still they are as thick each season. Where do they all spring from?

He who fights to the end is the man who wins, whether at farming or at anything. A man came here last spring and bought an eighty-acre farm. He put out forty-five acres of corn and had it all but laid by when the notion to sell took a firm grip on the wandering one. Farm, crop and all were sold at a figure that let the seller out even. He will land where he came from a little worse off than when he started. That forty-five acres of corn shows good for fifty bushels to the acre now.

One thing calls for another. If the farmers hereabouts are going into small grain raising as extensively as there is promise of, it will take more machinery. More self binders will have to be bought. This year many fields of grain stood until over-ripe because of lack of machines. Many took contracts to harvest 200 and 300 acres, and those who had to wait until the last lost by it. The man who expects to raise small grain should not depend upon others to harvest it.

There has not been a lick of road work done within five miles of this farm yet this season, as far as we know. There has been some of the money used in making grades in other parts of the township, but this corner has received none of it, though paying fully as much of the tax as any other section. Here is the flaw in paying road tax in money; one end of a township is liable to get it all. It seems hard to treat all alike in the matter of road making and repairing.

It has been a year now since we put in our water works system, and in this time it has not been a cent of expense to us. Besides a lot of our own hard

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3. The Kansas City Weekly Star, one of the ablest general newspapers in the West.

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work, the whole thing cost us less than \$175.00, but it will not be long until it will save us that amount. The pond, the source of the water supply, is now full, which means plenty of water all through the coming winter. Ponds can be made an almost sure source of water supply if they are only dug deep. It is not the amount covered by water, but the depth of it, that tells.

How the weeks do fly! It will soon be time to think of corn cutting. Two and three years ago there was a good deal of prejudice against the corn binder, on account of its knocking off ears, but a few being injured in each county by the knife-sled cutters has done much to make the corn binder popular. We know of several who have been permanently injured by being caught in front of the knife on the sled cutter, or being thrown there by a quick jerk of the horse. We often hear folks say they never have yet been hurt with a sled cutter, just as if that made it safe for them to keep on with one, but just

once is enough, and no man can tell just what moment that "once" is going to happen. We have a sled cutter in the machinery shed, but it is going to stay there as far as we are concerned.

Those of our readers who are interested in some of the finest specimens of Indian subjects now offered, will do well to read the proposition of The Litchfield Mfg. Co., to furnish them free, on page 5 this week.

\$5.95 TO ST. PAUL AND MINNEAPOLIS AND RETURN
Via Chicago Great Western Railway account G. A. R. National Encampment at Minneapolis August 13th to 18th. Tickets on sale August 11th to 14th. Return limit August 31st, with extension privilege. For further information apply to E. J. Sawyer, C. P. & T. A., 514 Walnut St., Des Moines, Iowa.

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OUR DAIRY DEPARTMENT

All communication relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

THE SKIM-MILK CALF.

Mr. Eugene Secor, writing in the Northwestern Agriculturist, gives the following views on the skim-milk calf:

If one were to judge by calves on a majority of farms, one would conclude that the only calf worth notice is the calf getting its nourishment in the way Nature provides. Calves that run with their dams usually are nice. They ought to be if the mothers give more milk than a goat. But that is not the only way to raise good calves. I am sure that as good ones can be raised by hand if one will only give the young things a little attention for the first few weeks. I have seen skim-milk calves that would weigh 800 to 1,000 pounds at twelve months, and the last six months of that period they would outgrow the calf that sucked and ran with the dam for six months.

But to raise good skim-milk calves they need intelligent feeding. The milk must not be warm one day and cold the next. The calf must not have two quarts one feed and six the next. The milk must not be sweet one time and sour the next.

There is more danger of overfeeding than underfeeding. When a calf runs with its mother it gets a little at a time and often, but it is not necessary to follow nature in this respect. Twice a day is sufficient. The calf must not have all it wants. It always wants too much. Two quarts are better than an over feed.

I have had good success in feeding two to three quarts and supplementing the skim-milk with a handful of flax meal. The calf may soon be taught to eat shelled corn and oats. I like corn better. Begin with a handful, increasing slowly as the calf gets older. I don't like to give them all they will eat. The get satiated and stop eating. I like to see them clean up everything. Then all the nice tame hay, clover, if you have it, that they will eat. You can raise a dandy calf by hand with a little attention.

I don't care if a calf never sucks the mother. Take it away at once. Feed new milk. A couple of quarts is enough until the mother's milk is fit to use. Put it onto skim-milk gradually, and add a little oil meal or some substitute for the cream removed until the calf gets to eating shelled corn. My experience has been with Short-horns, and I find them so intelligent that they will drink out of a pail without the finger the third or fourth feeding. Winter calves are preferable. One can get them to eating sooner, and by the time they should be turned out to grass they are about as good as yearlings.

We heartily agree with this writer in the statement that there is more danger of over-feeding than under-feeding. It is surprising after a calf is two months old what can be accomplished by way of making gain in the feeding of not more than three or four quarts of milk twice a day if, in addition to this, a liberal ration of grain is also used. It is some trouble to warm milk, but in our opinion it pays to warm it until the calf is weaned in cold weather and until the calf is at least three or four months old in warm weather.

We also indorse the idea that the young calf intended to be raised by hand should never suck the mother. Let it go for a period of twenty-four hours after birth without trying it with the pail and you will not lose five minutes' time in teaching it to drink.

COST OF REARING CALVES.

Mr. R. M. Washburn, Missouri State Dairy Commissioner, makes the following statement regarding the profit derived from veal calves by the too common methods employed:

It was a small gathering, a bad day and only five present. One of these was a slender boy of nineteen. He listened attentively and asked a few plain, pointed questions. We had been discussing the raising of calves running with cows, feeding skim milk and shelled corn. I had asked those present to be honest with themselves and test the matter. This boy went home and did so. His father, an intelligent, well-read man and a successful farmer for forty years, had never calculated the cost of raising a veal calf although he raised from fifteen to twenty-five a year. Several months ago this boy sent me his figures which are as follows: Those that ran with the cow. No. 1, made a net profit of \$1.73; No. 2, \$1.68; No. 3, a net loss of 33 cents, and No. 4, a net loss of \$1.84.

He had figured the butter fat consumed at the price paid at the local creamery and the milk at 20 cents per hundred pounds. On the four there was a profit of \$1.24.

The young man then tested the matter of making veal of skim milk and grain. No. 1 gave a net profit of 44 cents, No. 2, \$1.42. The calves were Short-horn-Holstein cross, ran with mother for three days, then were gradually changed onto skim milk and grain. The grain was corn, oats and speltz, equal parts, same as fed to milking cows. He says he is well enough pleased with this method to continue because it leaves the cows in so much better shape for continuing in the working dairy. If the calf is allowed to run with the mother for five or six weeks the mother usually becomes so much attached to her baby that when it is sold away the cow will cry and roam about for about a week holding up her milk and eating little. I have seen many cows injured and a few ruined by this unkind method of handling.

Certainly the practice of allowing the calf to run with its dam for three or

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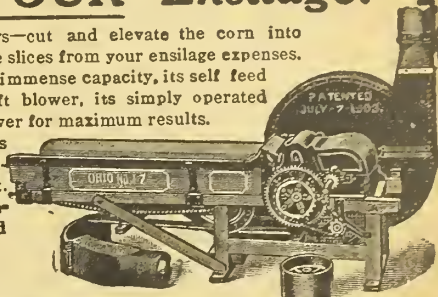
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four weeks is to be condemned. It has always been our opinion that where this is done a cow will never come to her maximum capacity during that lactation period. Of course where the whole milk is fed to the calf considerable labor is involved, at the same time when one considers the effect on the cow we believe that it is profitable labor.

\$4.50 TO ST. PAUL AND MINNEAPOLIS.

The Chicago Great Western Railway will have a popular excursion from Des Moines to St. Paul and Minneapolis and return, leaving Des Moines at 9:30 p. m., July 28th, by special train at rate of \$4.50 for the round trip. Sleeping car berth rate \$1.00 and seats reserved in Special Coaches for ladies and gentlemen without additional charge. Tickets good to return on all regular trains leaving the Twin Cities Sunday and Monday following. For full information call on E. J. Sawyer, C. T. A., C. G. W. R'y, 514 Walnut St., Des Moines, Iowa.

SUMMER TOURIST EXCURSIONS

Via the Chicago Great Western Railway to points in Alberta, Arizona, British Columbia, California, Idaho, Montana, Oregon, Washington, and Mexico City. Stopovers and side trips allowed. Tickets on sale daily to September 15th. Final return limit October 31st. For full information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other

points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of Twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory which are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific Ry. and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

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Via the Minneapolis & St. Louis R. R. Correspondingly low rates from intermediate points. Tickets on sale July 24th, 25th and 26th; return limit July 30th. Limit will be extended to August 15th on payment of fee of fifty cents. For further information please call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

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On July 24, 25 and 26 the Chicago Great Western Railway will sell round trip tickets to St. Paul and return at rate of one fare plus fifty cents, account of the Biennial Saengerfest of the Saengerbund of the Northwest. Complete information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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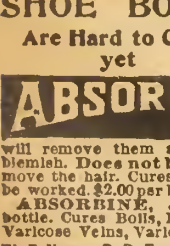
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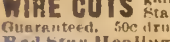


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VETERINARY MATTERS

PROFESSIONAL veterinary advice through this
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not answer veterinary inquiries for the benefit of
"neighbors." Parties desiring information will be
required to send their names in full with their ad-
dress. No question will be answered by mail unless
accompanied by a fee of \$1.00. In order that correct
information may be given, the symptoms should be
accurately described, stating of how long standing,
together with color and age of animal, and what
treatment, if any, has been resorted to. All veteri-
nary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT

LEMENESS.

I have a mare that has deep cracks in the
front foot on each side of frog. That makes
her limp when turning short, but does not
interfere when going straight ahead. Veteri-
narian says cracks are the cause of the
lameness.

It is highly improbable that cracks
are causing the lameness. If the trou-
ble is located in the feet, she will thrust
them out in front of her when standing
still. As she flinches when turning we
suspect shoulder lameness, so your veteri-
narian should make another and more
careful examination.

PARALYSIS.

I have forty-nine springs pigs about three
months old, and a few days ago one was
stiff in his legs and could not get along
very fast. The next day there was another,
one the same way, only worse, and I have
noticed that others seem to be affected the
same. I have been feeding them a bucket-
ful of shelled corn (soaked) twice a day and
the same amount of soaked oats, and about
six bucketfuls of slop of skimmed milk,
ground feed, and tankage each day.

See recent answers on this subject.
The trouble is due to overfeeding and
especially to use of corn which is unfit
for young pigs. Use lime water freely
and turn pigs out to grass to get all
the exercise possible. Stop use of soaked
oats. They too, are unsuitable. Continue
slop of milk, middlings and tankage.

PAMPERING.

I have had rather a peculiar experience
with my hogs this year. I fed my sows be-
fore farrowing on cooked feed, composed of
equal parts of corn, wheat, oats and bran,
about 10 per cent oil meal and a small quan-
tity of soluble blood flour, with sweet corn
fodder for roughness. Sows were in very good
flesh at farrowing time. Three of the sows
refused to own their pigs, and one killed
hers by biting them through the back. When
pigs were three or four weeks old the sows
began to get weak in the back and to lose
flesh. The pigs are doing nicely now, but
two of the sows do not improve.

There is nothing "peculiar" about the
experience and all of the trouble is due
to pampering the sows with cooked feed
while allowing too little exercise. Stop
the cooked feed; it never is necessary
and always is unnatural. Leave corn
in any form entirely out of the ration
of pregnant and nursing sows and do
not give it to the young pigs. It is the
cause of the paralysis complained of and
its use will induce same trouble in pigs.
The other foods you mention are suit-
able.

LOSS OF FOAL.

I have a mare five years old that was
due to foal on the 1st of May, but did not
foal until the 10th. About six weeks be-
fore she foaled she commenced to lose her
milk. She did not make any bag like a
mare in good condition ought to have done,
but the milk ran in streams from her. The
colt, when it came, was dead, and nothing
but skin and bones. Do you think the foal
starved on account of the mare losing her
milk? The mare was well fed and did light
work every day. Would it be of any use
to try to raise colts from this mare now?

The foal was ready to come when milk
first was seen to flow from the udder
and had an examination been made at
that time the mouth of womb doubtless
would have been found open and foal
might have been removed at once by
breaking the water bag so that labor
would follow. The foal died about that
time and came away later. The mare
should again be bred on a guaranty that
the foal is to stand and suck and if she
is properly cared for, worked up to time
of foaling and fed to keep bowels regu-
lar but not fatten her unnecessarily she
should have no trouble at next foaling
time.

PARALYSIS.

Please tell me what is the matter with my
pigs. I have a litter of seven farrowed on
the 15th of April. They were fed as soon
as they could eat and drink, milk with oats,
wheat, and corn, equal parts ground togeth-
er, until I turned them out to pasture of
oats which had a fine growth, and then
fed them sparingly ear corn and milk. They
have always been strong and healthy and
look well now, but cannot use their hind
legs to walk. They stand on them some
while eating. They are all affected; are
nine weeks old, and have been lame three
weeks.

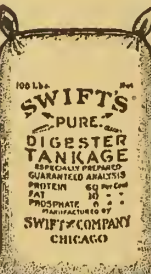
For answer see almost any back num-
ber of the paper so often have we re-
plied to such an inquiry. The trouble
is a form of rickets due to overfeeding
young pigs that have inherited the sus-
ceptibility to such disease from pam-
pered corn-stuffed ancestors. Corn
should not be used as food for young



**Swift's
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The digestive organs of
newly weaned pigs are so
delicate that coarse, bulky,
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be fed with safety. Swift's
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It Keeps Them Growing

Tankage-fed pigs keep right on growing. They are
not troubled by Thumps, Ricketts or Rheumatism.
They look well, grow well and PAY well. We give
facts and figures in our booklet, "Protein for Profit."

Swift & Company, U. S. A.

Animal Food Department, Desk 6
Union Stock Yards CHICAGO

pigs or breeding stock and the wheat
was unsuitable. Feed middlings, milk,
dried blood meal or tankage and mix
limewater freely with all food and drink.
Allow free range on green feed. The
idea is to gradually grow a muscular,
strong-boned pig rather than a fat,
pudgy, soft, flabby-muscle weak-boned
pig such as always is taken with this
form of rickets or paralysis.

NAIL PRICK.

I have a black mare five years old that
ran a nail in her foot about the 15th of
April, 1906. The nail was removed as soon
as she showed lameness, but an abscess
formed under the frog, making her very
lame; so lame that she did not use her
foot any for about a month. She has been
using it now for some time, and has shed
part of the frog, but the foot seems to
be pretty tender yet. Have done nothing
but wash it with carbolic acid and water.
Is there anything I can do to hasten a com-
plete recovery?

All loose and under-run horn should
be removed; then swab raw parts with a
saturated solution of corrosive subli-
mate and put on a dressing of one part
iodoform and six parts boracic acid on
cotton batting held in place by means
of bandages. Renew dressing daily un-
til wounds are covered with new horn.
If the horse is then lame clip hair from
hoof-head and blister repeatedly with
cerate of cantharides. As soon as sole
will stand it put on a dressing of oakum
and tar covered with a pad of thick sole
leather and over that a flat shoe.

BRITTLE HOOF.

I have a German Coach mare six years
old that has poor feet. When I bought
her about four months ago I removed her
shoes, as it was muddy, and I thought it
a good idea to take her shoes off for a
time. Later, on using her once on a dry
road, her hoofs broke off above the soles
of her feet. I have not used her on the
road since, but have used her some in the
field and notice that she shows a tender-
ness in the feet when walking over hard
dry places. The hoof, which is very thin,
seems to part from the foot before it gets
below the sole, and on paring the rough
edge of the hoof a streak of dirt is shown
pressed in between the foot and the hoof
a little above the sole, and consequently
it seems impossible to get the hoof to grow
low enough to admit of shoeing. Can you
tell me whether this is a disease or a weak-
ness, and also if there is a remedy?

She may have been foundered, but the
hoofs should grow so they will stand
shoeing if you remove hair from cor-
nets and blister well every three weeks
with cerate of cantharides. Turn her out
on low pasture after washing off blister
at end of two days each time it is used.
She will have to run barefoot the entire
season, but may be used on soft ground
if not lame or too sore.



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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

OUTLAWED NOTE.

A Subscriber, Pocahontas, Iowa.—B. gave to A. a promissory note dated June 1, 1894, due October 1, 1894. Can A. collect the same by law by beginning suit against B. at once?

Answer.—He cannot if B. defends the suit, and pleads the statute of limitations. The note was barred in ten years after it was due.

PARTITION FENCE—TRESPASS.

A Subscriber, Deerhead, Kan.—A. and B. own adjoining farms. The county line divides them. In A.'s county stock is allowed to run at large, and crops are fenced, while in B.'s county the herd law is in force restraining stock, thus making it unnecessary to fence crops. A. and B. came to an agreement about a partition fence between their pastures, and each one built half of it. Afterwards B. grew a crop on his land, and notified A. to buy his part of the fence or he would remove it. A few days after this notice he did remove the fence and allowed A.'s stock to damage his crop. (1) Can B. recover damages for the injury to his crop? (2) Can A. compel B. to replace the fence? (3) What remedy, if any, has A.?

Answer.—(1) We think not, because his removal of the fence appears to have been made without giving the notice required by law. Section 19 of Chap. 153 General Statutes of Kansas, provides: "When any party shall desire to throw his land open and leave it uninclosed he shall not take away any part of the partition fence belonging to him and adjoining the next inclosure, if the owner or occupant of such inclosure will within two months after the same shall be ascertained, pay therefor such sum as the fence viewers shall in writing under their hands determine to be the value of such partition fence belonging to such party." This must mean that the value of the fence is first to be fixed by the fence viewers; then the other party has two months thereafter to say whether

he will pay or not. (2) We think not. (3) The whole matter ought to be submitted to the fence viewers.

ADVERSE POSSESSION.

A Subscriber, Grand River, Iowa.—A. and B. own adjoining lands. The division fence is a hedge, owned by A. He set it out about thirty years ago. At that time he did not know exactly where the division line was, so he set it in such a way as to be sure that it was on his own land. It has since been ascertained that the hedge is actually over on A.'s ground from ten to twenty-five feet. Can A. recover the strip of ground on B.'s side of the hedge if B. objects to it?

Answer.—If B. has occupied the land on his side up to the hedge fence, claiming to own it for more than ten years, A. cannot recover the strip, because possession of land with a claim of ownership for ten years as against the original owner gives title by what is called adverse possession, under the laws of Iowa.

EXTENDING PUBLIC ROAD.

A Subscriber, Hamilton, Iowa.—A public road runs by the houses of A., B., C. and D. in Monroe county. It runs north to the county line and stops with no outlet. Less than a quarter of a mile north is a public road. How can the Monroe county road be extended through to the one last mentioned and who must pay the expenses of opening it?

Answer.—It can be done only by the regular proceedings to establish a road, namely, petition to board of supervisors of the county where the road is to be opened, filed in auditor's office with a bond for expenses in case petition is not granted. The auditor then appoints a commissioner to examine and report on the expediency of it. If objections are made, or claims for damages, appraisers are appointed to assess damages, and finally the whole matter is determined by the board of supervisors.

EASEMENT BY PRESCRIPTION.

A Subscriber, Fon du Lac county, Wis.—I have a lane along one side of my farm which I and other people have used for the last sixteen years. There is a gate at each end of it. There was never a sign "private road" put on the gates, and I never objected to others using the lane. Can I lawfully shut up the lane and forbid others using it? (2) For the last thirty years I have driven over a neighbor's land without any written contract or lease. He did not object to it, and had no sign up indicating that it was a private road. Have I acquired a right of way over the land, or can the owner now prevent me going over it?

Answer.—(1) You can. Sixteen years' use of a way over a man's land does

not give the users title to it. (2) You have not acquired a right of way on your neighbor's land. You have merely used it by the owner's permission, not as a matter of right. To acquire such a right requires twenty years' use by one claiming it as a right against the owner.

DRAINAGE LAW.

Mr. C. E. Geeseman, Sutherland, Iowa.—I have been informed that if a land owner wants to drain his land by a tile drain, and has no outlet he can force the man below him to put in a tile drain on his land to furnish such outlet. What is the law upon this subject?

Answer.—Your information is not correct. The law of 1904 provides—"Owners of land may drain the same in the general course of natural drainage, by constructing open or covered drains discharging the same into any natural water course, or into any natural depression, whereby the water will be carried into some natural water course, and when such drainage is wholly upon the owner's land, he shall not be liable in damages therefor, to any person or persons, or corporation."

PASTURING STOCK ON HIGHWAY.

An Illinois Subscriber.—(1) What is the law in Illinois in relation to pasturing stock on the public road? (2) Is there a stock law in Illinois?

Answer.—The owner of the land over which a public road is located, may pasture stock on the roadside, provided he keeps the stock under control and does not in any way impede or hinder the public in the use of the road. And so he may on his side of the road, where his boundary line is in the middle of the road, but he must not in either case permit his stock to run at large on the road. No one but the owner of the land on which the road or part of it is located, has any right to pasture stock on it under any conditions. (2) There is a stock law in Illinois. Live stock is prohibited from running at large in the state.

PARTITION FENCE—TIMBER LAND.

Mr. J. P. Williams, Fayette, Iowa.—A. and B. own adjoining tracts of land. A.'s tract is cultivated and improved. B.'s tract is unimproved timber land, and he does not use it otherwise than for the timber thereon. A. wishes to pasture his land for a part of each year. B. refuses to help build the partition fence, and insists that A. shall keep his cattle out of his (B.'s) timber lot. (1) Can A. compel B. to help build the partition fence? (2) Is the exclusion in Sec. 2355

Code of 1897, general, applying to all timber land, or is it to be construed with the preceding clause in such a way as to make the exception apply only to the line between adjoining timber tracts?

Answer.—(1) He cannot so long as B. uses his land only for the timber thereon. (2) The exclusion, or exception, is general; it is not limited to partition lines between lands, both tracts being timber land; but is applicable to a line where one tract is cultivated and improved, and the other is used only for timber.

COMPANY TILE DRAIN.

A Subscriber, Radcliffe, Iowa.—I have an interest in a large tile drain which runs through three farms and empties on the fourth farm. It is a company drain. It is necessary at times to have the drain examined near the outlet. (1) Can the party at the lower end lawfully refuse to allow other interested parties to go upon his premises for the purpose of such examination when necessary? (2) Can one of the parties owning the drain leave a hole in it on his own land, or an opening down to it, without the consent of the other parties?

Answer.—He cannot prevent other parties interested in the drain with him, from going upon his premises to examine it, but if he refuses, it will be necessary to engage a lawyer and have him enter proper proceedings in court to accomplish the purpose. (2) On general principles, no, but much depends upon the kind of contract or agreement entered into between the parties who own the drain.

ANOTHER "HISTORIC EAST" PARTY.

From July 31st to August 31st the F. & L. Excursion Company will conduct another party from Des Moines to Chicago, Detroit, Buffalo, Niagara Falls, Toronto, Lake Ontario, Thousand Islands, St. Lawrence River, Montreal, Quebec, White Mountains, Portland, Boston, Plymouth Rock, Newport, New York, Hudson River, Philadelphia, Washington and Deer Park. Stops at all of above points from few hours to five days. Total expense of trip, including transportation, herths, hotels, meals and side trips, \$155. For full particulars and itinerary, address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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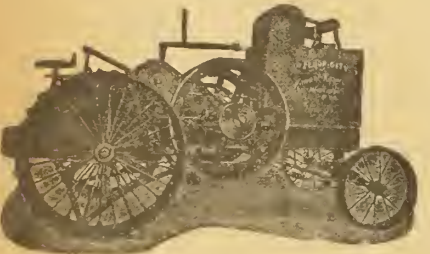
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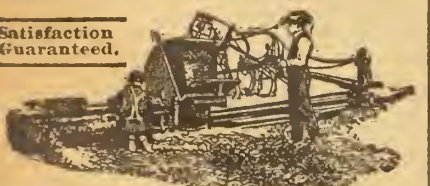
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OUR HOME DEPARTMENT

ALL communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

WITH THE EDITOR.

A SUNSET THOUGHT.

The sun is burning with intensest light
Behind yon grove, and in the golden glow
Of unconsuming fire it doth show,
Like to the bush in which to Moses' sight
The Lord appeared, and O am I not right
In thinking that He reappears 'e'en now
To me in the old glory, and I bow
My head, in wonder hushed, before His
might.

Yea! This whole world so vast to Faith's
clear eye
Is hut that burning bush full of His power,
His light and glory, not consumed thereby,
But made transparent till in each least
flower,
Yea, in each smallest leaf, she can descry
His spirit shining through it visibly.

—Henry Ellison.

Among Ourselves there has been some talk of opening the windows of our home that the breath of God's out-of-doors may be wafted in upon us these summer days. I thoroughly approve of the idea. I mean to do what I can to further such a laudable undertaking. I begin by bringing the above suggestive and beautiful lines inspired by the setting sun, and an extract from "Miss Murdock—Special," by F. Hopkinson Smith, in July "Success." I had planned giving the preface to VanDyke's "Wood Magic," when in an idle hour I read about an old man who seems to me to have eaten the berries of which VanDyke wrote: "If you find them it is your fortune; if you eat them it is your fate."

Old Jonathan lived in a cabin—a slant of logs with a stone chimney. The cabin was in Franconia Notch, in a little hollow under White Face and below Bog Eddy.

"Every morning the smoke would curl straight up from the rude chimney, catch a current of air from the valley, and stretch its blue arms towards the tall hemlocks covering the slope of the mountain. Joe knew these hemlocks—loved them—had hugged them many a time, laying his plump, ruddy cheek against the cool moss velveting their sides. 'Nothin' like trees,' his old father had told him—'real human when ye know 'em.'

"Dogs and trees, my son, will never go back on ye like some folks I've hearn tell of. Allers find 'em the same. See that yaller birch over thar? Well, I've knowed that birch over forty-two year and he ain't altered a mite, 'cept his clothes ain't as decent as they war, and his shoes has give out round the roots. You kin see whar the bark's busted 'long 'round his toes, but his heart's all right and he's alive, and peart, too. You'll find him fust tree out in the spring—sometimes 'fore the sugar sap is done runnin'. Purty soon, if you watch him same's me, ye'll see him begin to shake all over—kind o' shivery with some inside fun; then comes the buds and fust thing ye know, he gives a little see saw or two in the warm air and out busts the leaves, and he a-laughin' fit to kill. Maybe the birds ain't glad, and maybe them squirrels that's been snowed up all winter with their noses out o' that crotch, ain't jes' holdin' their sides, and maybe, too, them little sunbeams don't like to sneak in and go to sleep on the bark all silvery and shinin' like the ribbon on Sis' hat. They're human, them trees is, I tell ye, son, real human!

"And ye want t' treat 'em with some perliteness, too. They're older'n anything 'round here 'cept the rocks, and they've been holding up the dignity of this valley, too—kind o' 'sponsible fer things. That's another thing ye mustn't forget. And see how they treat their brothers that git toppled over and are done fer—by a windlash maybe, or lightnin' or a landslide, or some such cussed thing. Ain't more'n a year or two after they're down 'fore they git 'em kivered all over with leaves, and then they git tergether and hev a quiltin' party, and purty soon they're all over blankets o' green moss, and the others jes' stand 'round solemn and straight like's if they was mountin' guard over their graves.

"It's wicked to kill most anything less ye got some use—and a good one, too—for the meat, but it's a durned sight meaner to cut down a tree that took so long to grow and that's been so decent all its life, less ye can't do without the stuff ye git out of it."

Oh, yes; I certainly think old Jonathan had tasted the berries of "Wood Magic." You'll agree with me when I tell you what VanDyke says of that wonderful forest vine—that will be next week. There is so much going on Among



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It's an undisputed fact that the men at the head of the largest mercantile businesses in the United States are men who were "boys from the farm." The boy on the farm has greater opportunities to become great in the business world than the boy in the large cities, if he will but grasp them. A business college education is the passport to success. If obtained at the proper school it can be easily, quickly, economically acquired. We have graduated thousands from



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CANVASSERS WANTED EVERYWHERE.

Ourselves this week we must defer the pleasure of "Wood Magic" until our next meeting.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY. CHARACTER BUILDING.

We are building every day
In a good or evil way,
And the structure as it grows
Will our inmost soul disclose.

Till in every arch and line
All our faults and failings shine.
It may grow a castle grand
Or a wreck upon the sand.

Do you ask what building this
That can show both pain and bliss,
That can be both dark and fair?
Lo, it's name is character.

Build it well what e'er you do;
Build it straight and strong and true;
Build it clean and high and broad;
Build it for the eye of God.

"As a graceful mosaic is made by the tasteful inlaying and cementing together of an almost infinite number of little stones, so is a saintly life made up of an unbroken chain of small acts of virtue."

WIVES AND HOUSEWIVES.

A writer in The Gentlewoman has the following to say on the subject: A good wife should be a good housewife, out a good housewife is not necessarily a good wife. We know, according to the cynics at least, that the best way to a man's love is through his digestive organs. Be this true or not, it must be confessed that a bad dinner is a trial to a man's affection, especially if often repeated. But no one with any idea about his own comfort likes the wife to be entirely merged in the housewife—the woman he has chosen as a companion and friend to be wholly given over to the work of the house without any time or thought for anything else.

The happy medium is what is wanted. The wife that is a sufficiently good housewife to make the daily wheels run well and smoothly, and yet one who has time to spare, at least for her husband, from her housekeeping affairs. No man likes to be set aside for the things which make for his own comfort, and the woman who is always busy when her husband wants her, who is always occupied and must not be disturbed when he would take her for a walk, is running a great risk of alienating his affections, and of sending him to seek his pleasure elsewhere. Just give a little heed to the matter I hint at here, and it may be for the good of many estimable women who are not quite living the best life possible for them because they are wrapped up in "the trivial round, the common task."

FRUIT PRESERVING.

The first step in the process of preserving is to secure fruit of uniform ripeness and at the height of its flavor, and cleanliness must be as much a part of the regular routine as the selection of the best materials.

By a very simple contrivance an ordinary wash boiler may be converted into an excellent fruit steamer, one that will do the work as well as an expensive sterilizer. Take a piece of board about one-half inch thick and of a size to fit loosely into the bottom of the boiler. Have the board perforated with holes an inch in diameter and with a space of two inches between each. On the underside of the board nail cleats six inches high, one in the center and one near each

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end. These serve a double purpose, primarily to keep the board above water, also to prevent it from warping. Put water to the depth of four inches into the boiler, put in the board and the steamer is ready. On the board the jars are placed, filled with raw fruit, covered with a rich sirup. Have rubbers adjusted and lids screwed on loosely. Cover the boiler closely. If the lid does not fit, lay under it a thick cloth, so as to prevent steam from escaping.

Bring the water to the boiling point, and boil from ten to twenty minutes, according to the nature of the fruit. Berries require steaming ten minutes, peaches and apricots fifteen minutes, while pears and such fruit must be steamed longer. When done, screw the lids tightly on the jars and set on table to cool. By this method not only is the flavor of the fruit retained, but the shape is preserved, and the ease with which the work may be done is also worthy of attention.

RASPBERRIES AND CURRANTS.

Jam.—Allow equal weights of sugar and raspberries, and cook them together, stirring frequently, for one hour. It should not be boiled rapidly, but allowed to simmer very slowly on the back of the range. Seal while hot in glass fruit jars, screwing the covers on tightly at once, and again when cold.

Currant and Raisin Conserve.—Cut in halves and seed two pounds of large raisins, put them in a quart of water and simmer slowly for an hour. At the same time stem and wash seven pounds of currants and cook in a jar set in a pan of hot water until they are soft. Now add the pulp, peel and juice of two oranges and half a lemon (the peel and pulp minced fine) to

the currants and raisins, together with six pounds of sugar. Boil gently to a jam, and put up in small glassos, covered with paraffin. This is an excellent relish to serve with cold meats.

Equal quantities of raspberries and currants make excellent jam. Pound for pound of sugar and fruit. Less sugar will do.

JUNKET JOLLYS AND JUMBLES

Are a summer dessert ideal, fun to make and more fun to eat.

Allow a quart of new milk, warmly fresh if you can get it, to become lukewarm, pour it into a glass dish, sweeten to taste, flavor with lemon, pineapple, strawberry, vanilla or almond. Add, stirring slightly, one rennet tablet, which you can get at a drug-gist's, or three-quarters of a tablespoonful of liquid rennet. Set it away to cool and do not jar it. If stirred or jarred while cooling it will get tough with whey or with curds and whey, instead of its natural velvety delicacy.

For a fancy jolly or jolly fancy, mix to a smooth paste one tablespoonful each of grated chocolate and granulated sugar with a nip of salt and two tablespoonfuls of milk. Cook these over the top of a tea-kettle filled with boiling water until thick and glossy, then add a pint of lukewarm milk, stir until smooth and turn into a glass dish; add the rennet tablet, stir until dissolved, and set away without disturbing. Serve with thick, rich, sweetened cream and jumbles, and your summer soul will be sweetly refreshed.

AMONG OURSELVES.

Before introducing new topics for discussion let us have a word on two which have been under consideration latterly. Mrs. J. F. S. rises to reply to Mrs. McKerie, and Mrs. Polly to relieve her mind on the subject of borrowing:

My attention has been called to the article by Mrs. McKerie. It is rather difficult to compare men and women. Men know right from wrong as well as women do, and as for going to heaven on the merits of mother or wife, well, that is only a joke. Tasting of forbidden fruit and casting the blame on others has its root in human weakness and is as common to women as to men. 'Tis only too true that some men go where they ought not and sell their birthright for a mess of sin, but, alas, have not some women done the same? And I wonder if there is not some truth in that "she had better stay at home." Not that she should always literally stay within the four walls, but home is the safest and best place after all; at least a good home is that. In the struggle and scramble for a job or for a footing in the business world men are by necessity called away from home more than women, and their hours are sometimes irregular, but not so from choice. Some women wonder why their husbands do not tell them everything. Be worthy of being trusted and you will be told all that is worth knowing. It is not always that he is ashamed of telling that is the cause of his silence. Yes, some men are very agreeable when away from home, but I regret to have to say that some women are not quite as nice or agreeable when away from home, nor at home, as they might be, but it is generally laid at the door of nerves. Now, please do not misinterpret me. I simply mean all men are not bad nor all women good. If men expect us to be all that we ought to be and all that we might be perhaps it is because they feel we are the magnet that has the power to hold them to higher ideals and to all that is best in them.

I have been annoyed so many times by the chronic borrower that I am prompted to speak. Now, don't think I have very disagreeable neighbors, for I have some of the best and pleasantest ones I ever knew, but I have lived next to the chronic borrower often enough. Now, I am just as free-hearted as can be and always cheerfully and willingly loan, but I have been imposed upon so many times by very well-meaning people that I have become hard-hearted and often refuse when I could just as well as not. Mrs. B. sends her little boy over to borrow a bar of soap. You only have two and have a big washing Monday, and live four miles from town. You cheerfully loan her the soap. Mrs. B.'s husband goes to town two or three times a week, and perhaps it is two or three weeks before that soap comes back. Next it is sugar, lard or butter, and maybe you can't spare either very well, but you do it, and when it comes back perhaps it is only half quantity or poor, or, alas, maybe it just slips their mind and never comes back. I have loaned many things I could ill afford to lend which were never returned, and the borrowers were called honest people, too. I once loaned a white fascinator to a girl, who wore it until it was nothing but rags, and then coolly returned it. I was so angry I rolled it up in a ball and tossed it back to her, telling her it did not belong to me any more. It was a keepsake, too, as it had been given to me by a very dear friend, and I was going to keep it always to remember the donor by.

I thoroughly agree with all Mrs. Polly has said, but I confess to a desire to cross swords with Mrs. J. S. F. I would yield to the temptation perhaps if there were not several even now on their feet waiting to catch the eye of the president. Probably some others feel as I and we shall hear more on the subject. Meantime Mrs. H. E. F. comes with an interesting set of questions:

I am an interested reader of the Home Department. I would like to tell of a little incident that came to my notice a short time ago, and also would like to hear some of the opinions of the Home Department readers. A young married couple, living on a farm near by, have one child, a boy, a little over three. He is quite a well-behaved little fellow, but, of course, has his naughty times the same as any child. One day they entertained at dinner the grand-

parents on the paternal side of the house. As they seated themselves at the table the boy, whom we will call Harold, was guilty of some action which his mother thought should not be allowed to pass unpunished. She took him from the table and placed him in a small room, told him, when he could be a good boy he might come to the table. She then closed the door and left him. When she returned to the table she was greeted with several remarks from the grandmother, which showed that she was in sympathy with the child. To these the mother paid no attention further than to remark that she wanted to teach Harold to be a good boy. At the end of about ten minutes the grandmother got up from the table, went to the sewing room where the boy was confined, brought him to the table, held him on her lap and petted and loved him up in great style. This being most too much for the mother's patience she made the remark that "she did not think it right for her to do that way." At these words the grandmother showed signs of injured feelings, pouted all afternoon and as far as I know has not yet recovered. I would like to know what others think was the best thing to do. Did the grandmother do right to interfere? Did the mother do wrong in resenting the interference?

Apropos of these questions, here is a clipping from a daily paper of recent date: "A story which is going around tells of a reporter who interviewed thirty prosperous business men concerning their boyhood and found that every one of them had been thrashed frequently and hard. He then investigated concerning thirty loafers and found that twenty-seven of them had been mammas' darlings and the other three had been raised by grandmothers."

With some diffidence I permit what is practically an arraignment of old people, of some old people that is, and yet E. E. H. is perfectly justified:

I am a newcomer, knocking for admittance, with a subject that has given me food for thought for a number of years. We see year after year old people who have become unable to care for themselves any longer, who for lack of maintenance, sometimes from choice, go to live with their children or some other kind relative and soon they seem to be unwelcome. You say it ought not to be so, and it is true, but the question in my mind is, whether or not these old people are not many times most to blame. A family of younger persons, born from twenty to fifty years after the old people above referred to, ought not to be expected to live and have the same as the grandparents did at their age and time, nor should they be continually reminded of how "we did when we were young," with the implied impression that as they did is the only right way. Grandparents have learned by experience, it is true, and the young can do the same. It is irritating to be dictated to too much. With great respect for the aged I mention personal cleanliness. Hawking and spitting is very disgusting, even sickening to some persons and there are ways of getting along with such things that seem to come to nearly all persons with age if not in early life in a neat and less disgusting manner than is sometimes the case. In fact, grandparents are never too old to exercise self-respect by respecting those with whom they are surrounded and one of the best methods of doing so is to willingly allow the young to perform the labor and bear all responsibilities, think the old memories and not put them into words, never let go of the lever of the drive wheel and contemplation of the release just beyond. Inquisitiveness is not an essential virtue in old age, but courtesy is. It may be that if the old people could conform more to others who live in other homes than their own they would be more welcome than they many times are.

Old age should command respect, admiration, love; but when it does not what then? Should the younger generation stifle its ambitions, suppress its likes and dislikes? In a word should it make itself subservient to a generation which has had its day? Answer, please, you who approach the end of the journey, and you, too, who having ascended the hill of life have begun the gentle descent toward the valley of old age.

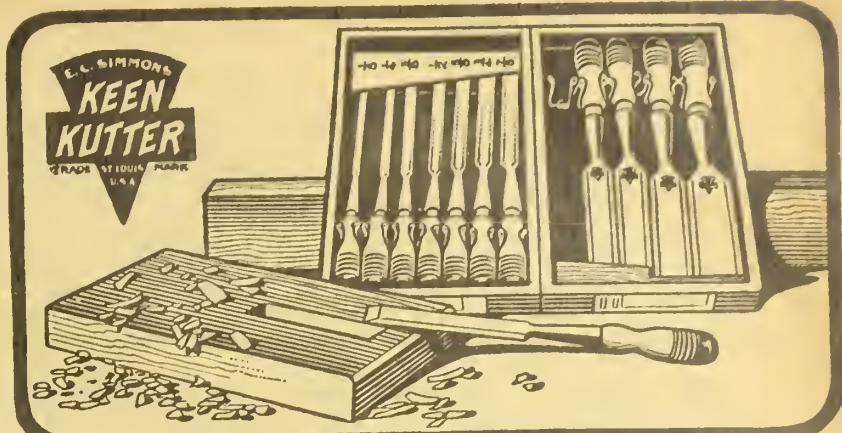
Dressmaking and Millinery—No. 525.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of 'the Home Department.]

Among the many devices that are an aid in the adjustment of the small belongings of dress I have noted nothing that is a greater boon than the simple little collar supporters, intended to keep lace and other band collars from being crushed into a "string" when the wearer drops her head forward. Few of us but bemoan such fate for our collars of this class, and various forms have been tried as a remedy, but these seem to answer the purpose without being in the least conspicuous. They consist of a metal bar, on the two ends of which are short pins that are pushed through the openings in the lace work or embroidery of the collar, then jeweled screw tops are adjusted. One may purchase these at almost any price, making her selection as she would her set of shirt waist pins, paying much or little for them as she feels able, for like the pins they may be had in the "real" or the "imitation." They come in pairs on a card, with illustration showing how to adjust them, and may be found at the novelty stores or counters, or for a finer quality look at the jewelers.

In our changeable climate we do not find



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A trip to the Southwest would convince you that your best interests lay in settling there. The trip can be made at very little expense. On the first and third Tuesdays of each month you can purchase a round trip ticket to any point in the Southwest on or via the Cotton Belt Route at very low rates. Stop-overs will be allowed for you to examine any locality you are interested in.

Write at once for free copies of books describing this wonderful country and for full information about cost of tickets, etc.

L. E. SAUPE, T. P. A., Cotton Belt Route, St. Louis, Mo.

the time that some sort of wrap is not needed, whether for children or the older ones, and at this season some new designs

in No. 5397. The fronts and back of the coat are tucked lengthwise, the tucks at the front being strapped back in effect at



[5397—Girl's Tucked Coat, 6 to 12 years.]



[5391—Girl's Dress, 6 to 12 years.]

are being given out from time to time, these being especially adapted to the light weight materials, in color or in white, and one of the prettiest seen recently is that shown

least by means of fancy tabs. These may be used or omitted and any mode of decoration used that is liked. The collar is scalloped and its edge is trimmed with a

frill of narrow ribbon, but this last touch would be omitted if the coat is of material that is to be laundered. Or if liked, a frill of lace may be used and so joined that it may be removed for laundering. The sleeves are full and have turn-back cuffs. The coat is in three quarter length, but one may easily add to the length if a long coat is desired. Pattern No. 5397 is cut in sizes for girls of 6, 8, 10 and 12 years.

One of the very cutest designs for a child's dress seen in a long time is that pictured in No. 5391, and although the garment seems to be in one piece as to length it is in fact a skirt and waist joined at the belt. The bertha and plastron are cut in one and are so adjusted that they seem to form a broad panel with the front pleat of the skirt. This is the novel and at-

tractive feature, and yet so simple that it does not call for much extra work in the making, nor is it at all difficult to launder when necessary. The design is suitable for general wear and is also quite charming enough for the very best dresses. There may be short or long sleeves, high or low neck, and the waist may be laced or not as liked. The seam joining the waist and skirt is concealed by the belt that may be of any kind liked for the purpose. In the illustration it is pictured made of the embroidered banding used to trim the bertha. The pattern No. 5391 is cut in sizes for girls of 6, 8, 10 and 12 years of age.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

Pleasant Fields of Holy Writ

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON

Third Quarter. Lesson IV. Luke XI, 1-13. July 22, 1906.

Jesus Teaching How to Pray.

"Lord, what a change within us one short hour spent in Thy presence will prevail to make!" —Trench.

The apostles observed Jesus in the act and attitude of prayer. In some oratory of nature, perhaps, they saw Him kneeling with upturned face. His glowing lineaments showed the bliss of communion with God, or repose after wrestling, and the conscious obtaining of the thing desired. A goodly sight! No wonder it provoked the question how they could learn to pray after such a fashion.

The universal Teacher taught through these supplicants all who would afterward learn of Him concerning this supreme act of the soul. He first gave the model of prayer—the ideas, the words. The Paternoster is an epitome. Here are the needs alike of the race and the individual in miniature. It is the alphabet, the numeral system out of which prayer of every description can be spelled and figured. Analytically, in its separate parts, it illustrates the components of a true, rounded, acceptable prayer. Synthetically, there is in it a tenor, a spirit—a cumulative power unmatched in written language. It is the chief ornament of every ritual. Its perpetual repetition worries no one. It is suited alike to child and adult.

The Lord's Prayer is a fine example of the avoidance of many words which Jesus on another occasion insisted upon. The equilibrium between comprehensiveness and condensation is maintained. The exordium is a reverential address to the Deity, in which His existence, unity, and paternal character are adoringly recognized. The "kingdom of heaven" will be found to be the solvent of the prayer. The coming of the kingdom will insure the hallowing of the Divine name, and the doing of the Divine will, as in heaven, so on earth. The coming of the kingdom insures absolution, reduces temptations, and consequently delivers from evil. Criticism has fairly established that the ascriptions of kingdom, power and glory was not a part of the prayer as originally given. But the lofty doxology echords so perfectly that it will probably continue in use forever. The prayer can be divided into two parts: The first relates to the Father, and contains three petitions; i. e., concerning His name, His kingdom, and His will. The second concerns ourselves, and is

comprehended in the words bread, forgiveness, and deliverance. Rudolph Stier says in his "Words of Jesus," "All the tones of the human breast which go from earth to heaven sound here in their keynotes."

From this matchless formulary Jesus passes to the spirit which should characterize the suppliant. To set this forth, He uses a homely domestic incident. We must transfer ourselves to the Orient to appreciate it. There was no mail or time table to apprise the host of the hour of the guest's arrival. It would like as not be late at night, as travel was ordinarily continued then, to escape the heat of the day. The guest would be downright hungry, as there were no facilities of the modern restaurateur. The host's larder would like as not be empty, the climate making the preservation of edibles difficult, and leading them to live from hand to mouth. Borrowing would be the next thing in order. What a touch of nature in the ehurlishness of the half-awakened neighbor! To him the getting up from his warm bed, and the stumbling over his children as they lie hit and miss upon their tiny mats about the floor; the taking down of the heavy bar across the door; all seem to his drowsy powers a superhuman exertion. Yet there comes at length a point where it is easier far for the sleepy niggard to get up and have done with the matter, than to be periodically roused by the persistent knocking and calling.

The force of the parable is in its contrasts. God's eye is never closed in slumber. God's self is love. His treasures are inexhaustible. He delights to give. There is no indifference or disinclination on the part of God which must be first overcome by man's importunity. The delay in answer, if there is any, is for the recipient's own highest advantage; that he may study anew his supposed needs, may analyze his motives, may review the promises, so that when at length the answer comes, he may be in a state of mind and heart to avail himself of the blessing to the uttermost. Postponement is for the advantage of the receiver, not the Giver.

The Paternoster is still in Jesus' mind. Earthly fathers have judgment to discriminate between good and evil gifts for their children. They have natural affection enough to incline them to bestow only the good. If that be so—and who denies it?—how will not the Heavenly Father, infinite in wisdom, power and love, bestow that all-inclusive gift, the life and light of the soul, the Holy Spirit, to those who, out of the vocabulary of the Paternoster, and in the spirit of the parable, ask Him?

Weatherproof CONGO ROOFING

Congo is a ready roofing that outwears any other. When once on, it is there to stay and requires no repairs, no paint or any other attention for years. Any one can lay it by simply following instructions.

Write for name of nearest agent and free sample.

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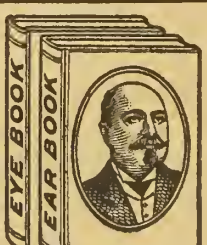
Analysis and Key.

1. Request for form of prayer natural. John Baptist's precedent. Jesus Himself observed in prayer.
2. Jesus' divine answer. Universal teacher gives universal form.
3. Analysis—First part relates to the Father—His name, kingdom, will. Second part relates to man—bread, forgiveness, deliverance.
4. From form to spirit of prayer. Illustrated by parable. Its contrasts, the force of it.

The Teacher's Lantern.

"Our Father in heaven, we hallow Thy name; May Thy kingdom holy on earth be the same;
O give to us daily our portion of bread, It is from Thy bounty that all must be fed;
Forgive our transgressions, and teach us to know

YOU CAN RESTORE YOUR HEARING AND EYE SIGHT AT HOME IN FIVE HOURS.



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WRITE today and read of the remarkable cures being made by this new system. 100,000 patients have used it.

I WANT every person afflicted with Cross Eyes, Cataracts, Granulated Lids, Wild Hairs, Glaucoma, Ulcers, Inflamed or Sore Eyes, Scum, Films, Weak Eyes, Falling Eyesight or Blindness from any cause, to write me for my big free 80-page book on Eye Diseases.

And those afflicted with Deafness or Falling Hearing, Head Noises, Ulcerated or Throat Disease, to write for my free 64-page book on Deafness and Ear Diseases.

These books explain how people afflicted with the above named diseases may cure themselves in five hours by following my advice.

Are You Coming to the State Fair in DES MOINES, AUGUST 24TH TO 31ST? If You Are, Write for One of My Books.

I will send you a consultation card which will entitle you to free examination at my office during State Fair week. I usually charge \$5 for examination at office but that week it will be free.

I make no charge for consultation by mail.

Write me for either book you wish and specify which book you want. Also write me a description of your case. I will send my opinion and book absolutely free.

CROSS EYES Straightened Quick. I will straighten any case of Cross Eyes during State Fair week for \$25. No matter how badly Crossed or how long they have been. I do it in five minutes without pain or chloroform. Write me. Address,

DR. W. O. COFFEE,
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SAVE YOUR HAY AND GRAIN!

Stack Covers, made of best quality of canvas, full measurement guaranteed, at bargain prices for the next thirty days.



YOU cannot afford to be without protection at this time. We manufacture horse and wagon covers and all kinds of canvas goods.

STOCKMEN, ATTENTION!

We carry a full line of rain proof tents of different sizes, together with substantial seats, which we will rent at very reasonable prices. Write us, before securing sale tent, for prices and illustrated catalog.

Peoria Tent and Awning Co., 117 Main Street, Peoria, Illinois.

The humble compassion that pardons each foe;
Keep us from temptation, from weakness, and sin;
And Thine be the glory, forever. Amen.

Form and fervency! Their juxtaposition here is no accident. It is designed to teach us that they are not inimical; that the importunate soul can express itself in the phrase of the Paternoster. Phillips Brooks poured out his great heart in the prayer of St. Chrysostom, and other "forms" of the prayer book. Moved himself, he moved all who heard him.

The golden mean is to be maintained, however, between a too rigid adherence to form and a persistence in extemporaneous prayer.

John Baptist would likely give his disciples a form of prayer. He gave minute and practical directions to each class of his converts, the people, the publicans, the soldiers. He would hardly omit teaching them how to pray.

Jesus is our standing pattern in prayer. He enforced His precept with His example. Twenty-one instances of His praying are noted in the Gospels—secret, public, at meals, long prayers, ejaculatory, intercessory for friends and enemies; all are recorded. The fervency of His prayer is described in the Epistle to the Hebrews. His supplications were offered with "strong cryings and tears."

We are to pray without ceasing. The bird is not always literally flying, but it is ready to fly on an instant. So our souls should be ready to spread their pinions, and mount to the mercy-seat on short notice.

You can no more find a Christian without prayer than you can find a living man without a pulse. Prayer is a state rather than a specific act. Benefit depends upon continuity. One must have the aptitude.

Prayer-wheels turned by water power are numerous in India. The prayer pasted on the wheel is thought to be said with every revolution. Those who laugh at the crudity of the device ought to ask whether in the average Christian prayer there is not some meaningless iteration. God does not need to be instructed or aroused.

Luther is said to have exclaimed, "I have so much to do I cannot get along well without three hours a day praying." Daniel was a busy statesman, but amid the cares of office he found time to pray three times a day.

When the whole number of the sons of God shall have reached this goal, a pure doxology will arise in heaven: Hallowed be the name of our God! His kingdom is come. His will is done. He

has forgiven us our sins. He has brought temptations to an end. He has delivered us from the evil one. He is the kingdom and the power and the glory forever. Amen! (Bengel.)

Our Father, God, who art in heaven,
All hallowed be Thy name;
Thy kingdom come, Thy will be done
In heaven and earth the same.
Give us this day our daily bread;
And as we those forgive
Who sin against us, so may we
Forgiving grace receive.
Into temptation lead us not:
From evil set us free.
And Thine the kingdom, Thine the power,
And glory ever be. —Judson.

CHILD'S AWFUL SKIN HUMOR.


Screamed with Pain—Suffering Nearly Broke Parent's Heart—Speedily Cured by Cuticura.

"I wish to inform you that Cuticura Remedies have put a stop to twelve years of misery I passed with my son. As an infant I noticed on his body a red spot, and treated same with different remedies for about five years, but when the spot began to get larger I put him under the care of doctors. Under their treatment the disease spread to four different parts of his body. The longer the doctors treated him the worse it grew. During the day it would get rough and form like scales. At night it would be cracked, inflamed, and badly swollen, with terrible burning and itching. When I think of his suffering, it nearly breaks my heart. His screams could be heard down stairs. The suffering of my son made me full of misery. I had no ambition to work, to eat, nor could I sleep. One doctor told me that my son's eczema was incurable, and gave it up for a bad job. One evening I saw an article in the paper about the wonderful Cuticura and decided to give it a trial. I tell you that Cuticura ointment is worth its weight in gold; and when I had used the first box of Ointment there was a great improvement, and by the time I had used the second set of Cuticura Soap, Ointment, and Resolvent, my child was cured. He is now twelve years old, and his skin is as fine and smooth as silk. Michael Steinman, 7 Sumner Avenue, Brooklyn, N. Y., April 16, 1905."

ROUND TRIP SUMMER RATES VIA RAIL AND BOAT LINES.

The Minneapolis & St. Louis Railroad will sell excursion tickets via rail lines to points in Minnesota, North Dakota, Manitoba, Montana, Oregon, Washington and California. Also, via Great Lakes route to eastern points. On sale daily with return limit October 31st, or until navigation closes. For further information call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

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Cures Scab or Mange Cuts & Sores

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THE FAMOUS OLD TRUSTY

More than your money's worth in incubators during the summer. We have them all best, 40, 60 or 90 days to prove it. 5 year Guarantee.

Now is the time to write to

M. M. JOHNSON, The Incubator Man,
Clay Center, Neb.

POULTRY.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM,
Box 253, Audubon, Iowa.

ROSE COMB WHITE LEGHORNS.

EGGS 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS,

leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

ROSE COMB BROWN LEGHORNS.

HENS \$10 per dozen. April and May hatched cockerels 50 cents each in lots of six or more. Address, Ella Tharp, Mt. Sterling, Ia.

EGGS from pure bred, well marked, standard weight Light Brahmas at \$1 per sitting. I ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

SILVER LACED WYANDOTTES.

EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

100 GOOD laying single comb brown and white Leghorn hens at 60c each, \$6 per dozen.

F. E. GARRETT, LOHRVILLE, IOWA.

BARRED P. Rocks exclusively. Large thrifty birds, excellent layers. Eggs 60c per 13, \$1 per 36, \$2.65 per 100. J. M. Reeder, Earlville, Iowa.

UPLAND Poultry Farm. L. A. Brahma, S. L. Wyandotte and R. C. B. Leghorn eggs for sale, 20 for \$1, 50 for \$2, 100 for \$3.75. Albert Hans, Wancoma, Ia.

WHITE Wyandotte eggs from birds scoring 94 to 96½, 15 for \$1.25, two or more sittings \$1 each. Mrs. L. M. Estes, Audubon, Iowa. R. F. D. 2

S. C. B. LEGHORN EGGS

For hatching at 50 cents for 15 or \$2.75 per 100. J. P. Eskildsen, Lawler, Iowa.

S. C. B. Leghorns exclusively. Pure bred. Eggs, \$1.50 per 15, \$1.50 per 50, \$2.75 per 100. James H. Irwin, Belle Plaine, Iowa.

DOGS.

RATS

My SCOTTISH TERRIERS will make them git. Very fine puppies from recorded parents. Males \$7, females \$5. Pedigree with sale. Address, S. W. Harr, Riverside, Ia.

THOROUGHbred fox, wolf and coon hounds.

Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Granger, Mo.

SCOTCH Collies. Beautiful pups ready for shipment. Also very fine Blood Bitches for sale. Pedigree with each sale. S. W. Harr, Riverside, Ia.

When writing to advertisers please mention this paper.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

STATE INSTRUCTION ON POULTRY RAISING.

The board of trustees of the Iowa Agricultural College has recently made an addition to the animal husbandry department of that institution by appointing Mr. Howard Pierce, a graduate of Cornell University, to take charge of poultry work. Plans are now being prepared for the erection of a modern and complete poultry plant, and in the near future the work of instruction and investigation along this important line will be under way. The intention is to devote considerable time during the next few years to the study of economical feeding for egg production and of fattening chickens for market.

We believe that this new department will be of immense service to the people of the state. Poultry, as a rule, is handled in a sort of haphazard manner, though in spite of this handicap the industry is a profitable one. The new work at the station through the medium of farmers' institutes and bulletins will, no doubt, contribute much in the future toward making the industry more profitable in the future than it has been in the past.

FEATHER EATING.

"What is the cause of and cure for feather eating, a habit my chickens have fallen into? What is the cure for cholera?" P. A. N.

Honey Creek, Pa.

This is more of a habit than a disease and it is well to kill all birds that have formed the habit. It is due largely to idleness and a lack of animal matter in the ration. Feeding meat scraps will sometimes cure the habit.

Feather Picking

Feather picking is more prevalent among birds that are closely confined; those having their liberty, with freedom to wander at will over arable land and pasture rarely contracting this complaint. Considerable difficulty is often experienced in determining the cause of this ailment, because birds of varying ages, kept under totally different conditions, and in locations quite dissimilar, are equally liable. As a rule, it mostly affects adults, and generally commences during the molting period, when every temptation is put in the bird's way. Chickens seldom acquire the habit, but once they do so greater difficulty is experienced in effecting a speedy and permanent cure. If a bird can be detected in the act, and it is merely a common one, kept solely for egg production, it is better to immediately kill it, because the habit is one that is easily and quickly acquired by the other fowls. If, on the other hand, the bird is of value, it is worth while taking time to cure it, but a good deal of patience and trouble may be required in so doing.

Idleness is one of the predominating causes of feather picking, and this explains why it is more prevalent among birds kept in confinement. Those at liberty are kept busily employed scratching about for worms, grubs, insects, etc., but those in runs have no such occupation, and thus frequently get into mischief. There are several methods of overcoming this idleness, and so removing the exciting cause. If there is a scratching shed available for the birds, the floor should be littered with straw or chaff, and the grain scattered thereamong. A good plan is to only feed half rations of soft food first thing in the morning, following this about 8.30 with some grain, which will keep the birds busily occupied until 10.30 or 11 o'clock. About midday green food should be supplied, and rather than throw it on the ground, as is usually done, it is a good plan to suspend it from the roof, just out of reach of the birds, so that each time they want any they have to jump up for it. If green food is scarce, a mangel, swede, or turnip hung up in a similar manner answers well.

The remedies for feather picking have been suggested in stating the causes; firstly, by giving the birds more occu-

pation; secondly, by exercising the utmost cleanliness; and thirdly, by generously supplying the birds with animal food. There are, however, one or two so-called cures which have from time to time been advocated, but in these I have little faith, the better plan being to remove the cause, thereby effectually overcoming the complaint.—Farm Poultry.

Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa Section, from the central station at Des Moines, Iowa, for the week ending July 16, 1906:

From Monday to Saturday the average temperature was about the normal for the mid-summer period. The cool wave Saturday night and Sunday afforded agreeable relief from oppressive warmth and humidity. The rainfall was variable, ranging down from a trace at many stations to copious showers in widely scattered localities. Generally the rainfall has been deficient for the first half of July, but the supply of moisture in the soil is ample as yet for corn and small grain crops. The corn crop has made rapid growth in all districts. The more advanced fields are showing tassels at the normal height, and even the late plantings give promise of a good crop.

The hay harvest is well advanced, and conditions have been generally favorable for securing an extra quality of forage. In the southern part of the state the harvest of oats, rye, and winter wheat is nearly completed, and in the northern half early oats and barley are ready for the reapers. Spring wheat is ripening, with variable condition as to stand and damage by rust. Potatoes, vegetables and the late berry crops are doing fairly well. The apple crop is about as previously reported.

"How Will You Trade?" is the subject of The Litchfield continued story this week on page 5. They offer to trade a set of beautiful Indian subject pictures in exchange for a little information which will be very easy for most of our readers. We suggest that this liberal offer, which probably will not appear again, be taken advantage of.

HOMES FOR THOUSANDS

One and a quarter million acres to be opened to settlement on the

SHOSHONE RESERVATION

Dates of registration July 16th to 31st.

EXCURSION RATES

Less than one fare for the round trip, daily July 12th to 29th via



\$21.30

Round trip from Des Moines, over the only all rail route from Des Moines to Shoshoni, Wyo., the reservation border.

L. F. BERRY, General Agent,
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Des Moines, Iowa,

Please send to my address pamphlets, maps and information concerning the opening of the Shoshone or Wind River reservation to settlement.

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NW10

EXCEPTIONALLY LOW RATES TO BRIGHTER POSSIBILITIES

The Southwest is the land of possibilities. The opportunities of men of average means are brighter here than elsewhere—you can get more for your labor or your investment. The opportune time is now while the land is cheap. The country is settling up. If you purchase land now you will soon see grow up around you a community of prosperous energetic men who like yourself have seen the brighter possibilities of the Southwest, and have taken advantage of them.

Along the line of the Missouri, Kansas & Texas R'y in Indian Territory, Oklahoma and Texas are vast areas of unimproved land—land not now yielding the crops of which it is capable. The same thing, in a different way, is true of the towns. Few lines of business are adequately represented. There are openings of all sorts for you. If you're in any way interested in the Southwest, I'd like to send you a copy of my free paper, "The Coming Country."

August 7th and 21st

you can make a trip Southwest exceptionally cheap. Round trip tickets, good thirty—30—days, will be sold by all lines in connection with the M. K. & T. R'y at not more than one fare plus \$2.00; in many cases— from Chicago to San Antonio, e. g., the rate is \$25.00, from St. Paul, \$27.50, from St. Louis and Kansas City, \$20.00—the rates are considerably lower. The tickets permit of stop-overs in both directions, via M. K. & T. R'y.

If your nearest railroad agent cannot give you the rates, write me for particulars.

W. S. ST. GEORGE

General Passenger Agt., M. K. & T. R'y.
Wainwright Building St. Louis, Mo.



"SOUTHWEST"

State Map 125.



MINNESOTA ACRE BONDS



The Opportunities Offered by Cass County Minnesota Farm Lands Are Drawing Thousands of Families to That Section. The Lands Are Being Rapidly Taken Up And It Will Be the Same Here As It Was In Iowa, Nebraska, Kansas And Other States, Values Are Going UP/UP/UP. Lands Can Be Bought Today by the ACRE BOND PLAN for \$10 Per Acre, But They Will Not Remain Long at that Price.

THE ACRE BOND PLAN

is beyond any doubt the Easiest, Safest, Most Desirable, Most Honest and Straightforward ever invented. It enables you to buy a farm just as you can afford to buy. You can pay for your land one acre at a time if you wish. And you are not obliged to pay at any set times or in any set amounts. *No forfeits. No chance under any circumstances to lose even one single payment.*

How This Plan Differs From Buying Land On Installment Payment Plans—and Why It Is Better.

Suppose you want to buy a farm of forty acres, and you want to pay for it at the rate of \$10 per month. Under the old installment plan you would enter into a contract to buy the forty acres. You would begin making payments—but you would **NOT OWN ANY LAND** until you had paid for the entire 40 acres. If, for any reason you could not keep up your payments you would lose whatever you had paid in. Now, under our plan—the **ACRE BOND PLAN**—you would **not** enter into a contract. You would begin paying \$10 monthly or any other way. And every time you paid \$10 you would receive **A BOND ON ONE ACRE OF LAND**—and that bond would at once begin earning you 5 per cent interest. When you had made 10 payments you could [if you wish] exchange them for a **WARRANTY DEED** to 10 acres of land. That land would **BELONG TO YOU**. Then you would accumulate 10 acres more in the same way—and so on until you had your 40. While you are buying it you are running no risk of losing a dollar. You can stop payments any minute. You still have your bonds or your land. **There are no forfeits of payments already made.** In other words you **GET YOUR MONEY'S WORTH FOR EVERY PAYMENT.**

On the Acre Bond Plan YOU CANNOT LOSE.

On the Installment Payment Plan You Lose All You Pay In Unless You Are Able to Continue Paying to the End.



Growing Corn in Cass County.

The Reason Why This Land Can Be Bought So Low

Do you know that lands in Southern Minnesota and Iowa now worth \$75 and \$100 per acre sold for \$4 and \$5 per acre not more than 20 years ago. The same is true of the timber lands of Southern Wisconsin. These Cass county Minnesota lands were until very recent years covered with forests. The lumber companies in some instances owned the land. It was only a short time ago that these lands were available for farming purposes. Now they are known as "cut over" lands—meaning the land from which the timber has been cut.

A large part of this country needs to be cleared of the stumps left from the cutting of the timber. Energy is needed—nothing else—to make a farm here worth just as much as a

farm in any of the older settled parts of the country. The soil is very rich. It is a sandy loam with a clay sub soil. There is plenty of water, the rain fall being about 40 inches. It makes the best dairy land in America. No one will question this statement who is at all familiar with this section. Clover and the tame grasses thrive as you never see them grow in Iowa or further south. Vegetables of all kinds grow so large that the counties of Central Minnesota always take the prizes at the State Fair.

Anyone at all acquainted with soils will realize how rich this land must be when he considers the fact that it was formerly covered with maple, elm, poplar, pine and basswood timber.

The forest fires have done much toward making the land easy to clear. There is just enough wood left for fencing and local uses.

There is never a crop failure in the timber country.

The lands lie in the famous Park Region which has been talked of for several years as the location for a National Park. There are no swamps or marshy lands. The drainage is excellent.

Facilities for marketing vegetables, produce and crops are exceptionally good. Railroads run all about and through this land and there are numerous settlements. Land values are advancing very rapidly. Our advice to you would be to get started to

buying your farm just as soon as you can.

We prefer for you to come and look the lands over. But as there are many who cannot come at once we have arrangements to describe and picture to you just what we have. If you have friends in Minneapolis, ask them to pick out your land for you—or ask them what kind of land we have. If you wish, we will pick out your land and hold it for you subject to exchange if not your preference. Our booklets which we send you free will tell you all about the farms, what is raised, how much and what kind of grain is grown on our lands and give you lots of other valuable information.

Don't Overlook the Splendid Investment Features of Acre Bonds. Your Money Secured by Real Estate and Drawing 5 per cent Interest. Even Though You May Not Want to Buy a Farm, You May Never Have Another Such Opportunity for a Safe Investment.

We have valuable and instructive booklets, maps, photographs, etc., etc., which we will be glad to send you. Write today—right now while you are thinking about it. Better still, send a first payment of \$10 and begin buying a farm now. We will send you a Bond on an Acre of land for your \$10 payment. There will never be a better time for you to begin on this plan to accumulate.

REFERENCES:

MINNESOTA NATIONAL BANK, Minneapolis.
MR. FRANK A. CHAMBERLAIN, President Security Bank of Minnesota.
NATIONAL BANK of COMMERCE, Minneapolis.
MR. E. H. MOULTON, President Twin City Telephone Co.

FRANKLIN BENNER LAND COMPANY,

704 Bank of Commerce Building, MINNEAPOLIS, MINN.



Wheat Growing in Cass County.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

BABY MUTTON OR SPRING LAMB.

Spring lamb is an article of food that has sprung up only in recent years, but it becomes more popular each year and the demand now is large. At first spring lamb was in demand only in a few eastern markets, where a taste had been cultivated for this most excellent morsel, but later it spread until now baby mutton is found in all the large markets of the world. In speaking of the growing demand for this product the Shepherd's Criterion says:

"The proportion of lambs received at Chicago the first five months of the year was much greater than usual and is believed by many to be close to 80 per cent of the supply. At times it was much higher than that. This is indicated by the average weight of sheep and lambs as given out by the stock yards company. This weight was only eighty-three pounds for the five months, which was decidedly lighter than any previous year. Ten years ago the average for the same period was ninety-one pounds.

"The fact of the matter is the average weight has been steadily decreasing for a number of years because the proportion of lambs has been growing larger and of sheep smaller. This is certainly the age of baby mutton as it is of baby beef. Years ago there were no lambs received at this market at all except after the spring crop was available and as soon as they were exhausted everything was sheep. Now, lambs are greatly in the majority and are vastly better in quality than they were twenty years ago. If the consumption keeps growing in the future as it has in the past it will keep sheepmen busy getting enough lambs to fill the demand."

EXTERNAL PARASITES.

Sheep, like some nations, have their troubles without as well as within. They have external parasites as well as internal. Some have an opinion that ex-

ternal parasites only bother sheep that are poor or when they have run down in condition. Others think they only trouble sheep in the summer time. This is a mistake.

Three parasites trouble sheep externally. They are the scab mite, the sheep tick and the sheep louse. The first parasite mentioned is very small and can scarcely be observed by the naked eye. This parasite burrows under the skin and causes what is known as the scab, which is identical to the itch in the human family. No scab mite, no scab. No amount of neglect or ill-treatment can cause the scab unless the scab mite is present.

The tick is almost always present in flocks where dipping is not regularly attended to. Lice are not so plentiful as ticks, but when they are present they cause a great deal of uneasiness and irritation.

These parasites are all kept in check by resorting to a thorough system of dipping in the best commercial dips. Our best flock owners dip twice annually, once soon after shearing and again in the fall of the year. In some instances it is necessary to follow up the first with a second dipping about ten days after in order to get any parasites that may have hatched out after the first dipping. In dipping for scab it is most necessary to do the work in a thorough manner, as the scabs are thick and afford a safe hiding place for the mites. Lice and ticks are not so difficult to eradicate, although thoroughness in dipping will pay always.

A Book on Insects.

Prof. J. W. Folsom, of the University of Illinois, has recently prepared a comprehensive work of 500 pages on the subject of insects. This book is designed specially for students, but it will interest practical men who desire specific information concerning the structure, character and habits of insects. The table of contents will give a fairly clear idea as to the character of this book, one chapter being devoted to each of the following subjects: Classification, Anatomy and Physiology, Development, Adaptations of Aquatic Insects, Color and Coloration, Origin of Adaptations and of Species, Insects in Relation to Plants, Insects in Relation to Other Animals, Inter-relations of Insects, Insect Behavior, Distribution, and Insects in Relation to Man. This book comes from the press of P. Blakiston's Son & Co., Philadelphia, Pa.

LAKE AND RAIL TRIPS.

During the summer months the Chicago Great Western Railway sells tickets via all steamship lines on Great Lakes in connection with their line to Chicago, or St. Paul and Duluth. From this time until September is the time to sail the lakes and see Duluth, Superior, Isle Royale, the Copper Range, Sault Ste Marie, Mackinac Island, Detroit, Toledo, Cleveland, Erie, Buffalo, Niagara Falls and other points of interest. Call or write for full information. E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Kansas, Missouri, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare

Jayne's Tonic Vermifuge

gives rosy cheeks and active health to pale, sickly children.
And it is good for their elders, too.
Ask your druggist for it.

A DURABLE ROOFING

One which perfectly excludes water and wind, which is easy to lay, and lasts longer than others is the kind of roofing you want. Shingles are high priced and getting higher every year. Tin roofs. The best roofing is that made of felt and asphalt—but there is a great difference in how this felt and asphalt is combined. In

Huttig's Rubber Roofing

the felt is thoroughly saturated with Trinidad asphalt—more thoroughly in fact than any other having 150 per cent saturation as compared to 104 per cent in the best brands of other roofing. This thorough saturation makes Huttig's Rubber Roofing non-absorbing, impervious to frost, and a non-conductor of heat and cold. Keeps buildings warm in winter—cool in summer. Once laid, there is no deterioration or necessity for repairs for years. Anyone can lay it, as nails, caps and cement are packed in each roll. We make this roofing in four grades as to weight, but all of one highest quality.

WE WANT YOU TO KNOW ABOUT OUR ROOFING

You can use it not only for roofing, but also for the sides as well. Don't do any building this year until you investigate this roofing. It's sold by the best lumber dealers everywhere. Don't let your dealer give you something else "just as good." Insist on seeing Huttig's Roofing before you buy. If it isn't sold in your town write us for sample, and we'll see that you get our goods. We'll be glad to tell you about it and its uses. Address,

HUTTIG MFG. COMPANY,
MUSCATINE, IOWA



It comes in rolls with caps, nails and cement inside. This is it.



WE CURE
ALL MEN'S
DISEASES



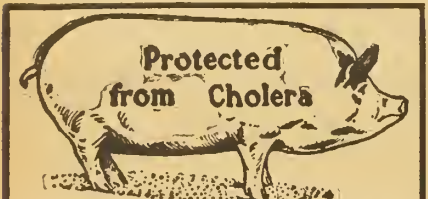
Reliable Doctors

WE are the oldest established firm of Specialists in all diseases and weaknesses of men in the west. We cure after others fail. This is why men travel across the continent to consult us. We treat all Chronic, Nervous and Special diseases, Nerve Debility, Loss of Strength, Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

Reference, Any Bank or Business House in the city.

CONSULTATION FREE
Write if You Cannot Call.

Drs. Fellows & Fellows Co.
323 W. WALNUT ST., DES MOINES, IOWA



Protected from Cholera

Chloro-Naptholeum Dip

Thousands of dollars are saved annually to breeders of swine by the timely use of Chloro-Naptholeum Dip not only as a cure, but as a means of insuring the health of their animals. Chloro-Naptholeum Dip prevents and cures hog cholera, kills lice, disinfects the pens and keeps them in a sanitary condition. As an internal remedy it kills worms.

ONE GALLON FREE Send your name and address. I will ship you, charges prepaid, one full gallon, sufficient to make 100 gallons when diluted. Try it thirty days. If it does what I say, send me \$1.50. If it fails, notify me and I will tell you where to ship what is left. You risk nothing. E. TAUSIG, President

West Disinfecting Co., 21 E. 59th St., New York

Summer's Worm Powders

For Sheep, Horses & Hogs Fed to millions of animals every year. Powders never fail to remove worms and prevent further attacks. In popular use 25 years. Price 8 lb. Pck. 50 cents. 7 lb. Pck. \$1.00. Send for FREE catalogue of Stockmen's Supplies. F. S. BURCH & CO., 177 Illinois St., Chicago.

500 Angora Wethers and 500 Does and Kids

FOR sale. These goats can be used for brushing and then fed and sold for mutton. A few American milk goats. A few bucks. Come and see me or write. Address, WYATT CARR, Collins, Iowa. Farm 1/4 mile from depot. Telephone 41.

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Rock, Minton, Cooper, Williams and Buttar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us. QMANDLER BROS., KELLERTON, IOWA

DELICIOUS AS IT IS GOOD MEAD'S FLAKED RYE

THE GREATEST OF ALL CEREAL FOODS. No fad or uncertain mixture. A Natural FOOD LAXATIVE. A whole kernel of Rye to each flake. ASK YOUR GROCER FOR IT or write us for our THREE SPECIAL OFFERS. A pound package by mail, post paid, for 25 cents. It will positively cure the most aggravated case of constipation. Write today.

MINNEAPOLIS CEREAL CO., Dept. I-9, MINNEAPOLIS, MINN
CANVASSERS WANTED EVERYWHERE.



The rich irrigated lands of the Arkansas, Grand, North Fork and Uncompahgre Valleys of Colorado, and the Farmington District of New Mexico, offer exceptional opportunities for the fruit grower. Pears, Peaches, Apples, Grapes, Apricots, Plums, Melons of all kinds and small fruit of every variety are raised with a greater average yield per acre—and a finer quality—than in any other section of the United States. Markets are close at hand and the demand exceeds the supply.

The Denver & Rio Grande R. R. "Scenic Line of the World" reaches all the above districts and offers special inducements to those seeking locations. Write to-day for free descriptive booklets. S. K. HOOPER, GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.

plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale

each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Aug. 8, J. D. Nidlinger, Decatur, Ind.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Sken, South Auburn, Neb.
 Sept. 26, Peck & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 1, E. Z. Russell, Blair, Neb.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Osborn, Weston, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 10, T. W. Stoner & Son, Henry, Ill.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, W. A. Foster, Greenfield, Iowa.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. Finch, Mt. Ayr, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Oct. 15, A. J. Epley, Wabash, Ind.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Groat, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer, Rushville, Ill., will sell at Bushnell, Ill.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, Manlove Bros. & Griffiths at Bowen, Ill.
 Oct. 27, Cutler, Reil & Cooper at Carthage, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. G. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 17, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manila, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claud Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa, Bred Sow Sale.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, Harry Riggan and C. T. Rogers, at Petersburgh, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, Dewey & White, Shannon City, Iowa.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Mo.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 29, Albert McMahon, Craig, Neb.
 O. I. C. HQGS.
 Nov. 2, O. L. Kerr, Independence, Mo.
 SHROPSHIRE SHEEP.
 Oct. 4, G. M. Flisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
 SHORT-HORN CATTLE AND TROTTER-BRED HORSES.
 Aug. 8, Geo. L. Belcher, Carrollton, Mo.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 STANDARD BRED AND DRAFT HORSES.
 Sept. 26, McNeil Bros., Bowen, Ill.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Aug. 7, W. H. Earles, Milwaukee, Wis.
 Aug. 15, H. C. Duncan, Osborn, Mo.
 Aug. 16, Flynn Farm Co., Des Moines, Iowa.
 Aug. 17, Wm. Smiley, Malcom, Iowa.
 Aug. 21, W. R. Jones and D. H. Geimen, Russellville, Ill.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Mt. Ayr, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. Jones, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Grabam, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 12, Closing out sale, J. E. Parkhurst, Clearfield, Iowa.
 Oct. 15, A. J. Graves & Son, Ames, Iowa.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, P. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 23, T. A. Davenport, Belmont, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 HEREFORDS.
 Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 POLAND CHINAS.
 Sept. 15, Geo. H. White, Emerson, Iowa, and E. M. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.
 Sept. 14, Combination Sale, J. F. Schoby, secretary, Algona, Iowa.
 POLLED DURHAMS.
 Oct. 5, Combination Sale, L. G. Sbaer, Kalona, Iowa, Mgr., at Omaha, Neb.
 ABERDEEN ANGUS.
 Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, N. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Mar. 7, C. H. Seihel, Paton, Iowa.
 SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
 SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
 PERCHERONS.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.
 HEREFORDS AND SHORT-HORNS.
 Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

Dates Claimed for Live Stock Sales.

GALLOWAYS.

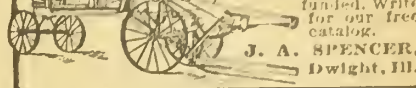
Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reesc, Prescott, Iowa.

FIELD NOTES.

Ohio Chief pigs are offered for sale by Mr. F. A. Strong, of Orient, Iowa.
 Some good Duroc Jersey fall and spring boars are offered for sale by Messrs. A. B. Easter & Son, of Fremont, Neb.
 Two good Scotch Collie pups are offered for sale by Mr. E. Funke, of Greenfield, Iowa. The first man sending \$5 gets the choice.
 A sale of Poland Chinas is announced to take place at Maxwell, Iowa, on February 19th by Messrs. J. E. Hull and J. O. Thompson.
 Anyone wanting to engage the service of a competent and wide-awake auctioneer had better write Col. Geo. P. Bellows, of Maryville, Mo. He has a few fall and spring dates open yet.
 Hydrocarbon, for killing prairie dogs, sold by the Omaha Gas Company, of Omaha, Neb., at \$2.50 for half barrel, \$4.25 per barrel, does the work and the cost is so low that any farmer afflicted with these pests can afford to buy.
 Mr. Chas. M. Hulbert, of Oakland, Neb., the well-known Poland China hog man, has about the best lot of fall boars that he has ever raised. If any of our readers want a well-bred Poland China boar they should correspond with him at once.
 Messrs. A. B. Easter & Sons, of Fremont, Neb., advise us that they have sold their herd boar, The Auditor, to Mr. D. R. Cash, of Colon, Neb. They write that they still have two yearling boars by Orion for sale, and that their pigs are doing well.
 Messrs. Malcom V. Bolton & Co., of Cedar Rapids, Iowa, want a reliable, experienced land and exchange man to take charge of their farm and exchange department. Their advertisement offering a profitable position appears on page 14 of this issue.
 Read the Duroc Jersey advertisement of Mr. J. S. Teal, of Lamoni, Iowa, if you want the tops. He has pigs by Ohio Chief, Proud Advance, Ben Davis, first-prize Iowa State Fair boar, and other good sires. Write him at once, as the call is getting pretty brisk.
 The well-known Chester White breeder, Mr. J. S. Kennedy, of Blockton, Iowa, has an excellent crop of pigs this year. While not large in numbers, they make up in quality, and he will be in position this fall to cater to those who want a good Chester White pig.
 Mr. E. Z. Russell, of Blair, Neb., will make a public sale of Duroc Jerseys at his farm, near town, on October 1st. He will include two extra good yearling boars, besides a good lot of spring pigs. It will pay breeders to pay attention to his sale, as he will have some of the choice things of the season.
 Mr. Henry Dorr, of Remsen, Iowa, announces a Poland China bred sow sale for February 5th. He writes: "My hogs are doing fine. I never had a more even hunch of spring pigs at this time of the year. I will have fifty hogs for sale, fourteen of which are fall boars, and the remainder spring pigs."
 Mr. A. Edgar Davis, of Lincoln, Neb., notifies Homestead readers in his advertisement on page 14 that no matter where located, he can sell their farm, home or business and that he can do this in less than ninety days. He also asks that readers of The Homestead write, giving description and cash price of what they have for sale.
 Mr. F. A. Ham, of Saronville, Neb., is a breeder of Duroc Jerseys. This gentleman has had very good luck with his spring pigs and will now offer them to the public through our columns. You can expect good pigs when placing an order with this breeder. His hogs represent the blood of the noted families. Look up his advertisement and write for prices.
 An excellent place to secure Angus cattle is the Rosengift herd, at Kelley, Iowa. Quality Laddie and Keillor Victor 3d head the herd. Cows may be had in calf, also heifers and young bulls are ready to go. Better write today for the prices of Messrs. Rosengift & Siverly. They make them as low as consistent. Orders are carefully filled and satisfaction is their motto. On page 22 is the card. Look it over, Mr. Angus Breeder, and if in need of something good write this firm, mentioning The Homestead.
 Mr. Hugh Bates, of Orient, Iowa, one of the old-time Short-horn breeders who closed out his herd a few years ago, has again gone back to his first love and has about thirty head on hand headed by the Scotch bull, Golden Champion. This splendid breeding bull formerly headed the herd of Mr. Ernest Funke, of Greenfield, Iowa, and was considered one of the best bulls ever used in the herd. Mr. Bates has secured some very excellent females and it is his intention to have one of the very best herds in the state.
 With this week's issue of The Homestead begins the Duroc Jersey advertisement of Mr. F. A. Strong, of Orient, Iowa, one of the rising young breeders of the state. We have watched Mr. Strong's buying since he went into the business and have noticed that he invariably purchased the good things. At the Harding sale he bought Valley Lady, a daughter of Reed's Banker, and she farrowed thirteen pigs by Ohio Chief and saved ten. He therefore has some good Ohio Chiefs for sale and he would price one of these to any one who may write him. He also has litters by Keep On, the third-prize boar at Des Moines, and by Proud Advance and by W. L. A's Choice Goods. He has one litter by Parnell Banner, his present herd boar, out of Minnie Advance, a daughter of Proud Advance. Minnie Advance is out of Minnie Orion, a sow that Mr. George Estes paid \$205

SPENCER'S LATEST HAY PRESS INVENTION

Makes a 100-lb. bale with 2 feeds in less than a minute. A 14x18 Box Press—one feed to the circle. It cannot in a short test double the capacity of any other firm's make of two horse perpetual press making two or more feeds to the circle, no sale and freight required. Write for our free catalog.



J. A. SPENCER, Dwight, Ill.

for. Mr. Strong will make a public sale on October 5th, but anyone who wants a pig by Ohio Chief, Proud Advance or Keep On will do well to get in touch with him at once.

The firm of Messrs. C. Moore & Son, of Kellerton, Iowa, will make a public sale of Duroc Jerseys at their farm near town on October 12th. This firm have achieved considerable notoriety as successful corn breeders and have produced some new varieties that have met with favor. They have pigs sired by Proud Advance, and have an Ohio Chief sow in the herd. We will tell our readers all about their offering in a later issue.

Mr. Carl Hansen, of Herman, Neb., writes: "While I have nothing to sell at present, I am ready for orders to be delivered in September. I think the present crop of pigs are the best I have ever raised. Will be pleased to entertain visitors any time. I claim February 15th as my date for a bred sow sale." Mr. Hansen is one of the popular young Duroc Jersey breeders and has produced some good stuff, some of which have been prize winners at the state fair.

Mr. Fred Ruebush, of Good Hope, Ill., breeder of Chester White swine, whose advertisement appears on page 21, writes: "My herd is good and healthy, and doing well. I have some choice September and October boars for sale, and also several winter male pigs. I also have sixty head of March and April pigs now ready to ship. Could make some good selections from them. Have several yearling sows bred for September farrow; they raised good litters last year and proved good brood sows."

Mr. W. W. Wheeler, of Harlan, Iowa, writes: "I have decided to sell my Poland China herd boar, Surprise Wonder 5th 10367, bred by Mr. Peter Mouw, farrowed Nov. 20, 1904. He was sired by Surprise Wonder 4th 58993, dam Miss Longfellow by Chief Price, the 1,000-pound boar. He is a large, massive fellow, in good, thrifty condition and a great sire. I have a splendid crop of pigs by him, and if anyone wants size and bone they can get it in this boar. He comes from a strain of large Poland Chinas and his ancestry were all noted for their size, bone and quality. The first man to send \$50 gets him."

Mr. Howard Chandler, of Chaudier Bros., of Kellerton, Iowa, writes us from England that he is now getting ready to return with his purchases of Shropshire sheep. He writes that he has secured a majority of the winners at the Royal and other shows, in all classes, besides a large collection of breeding sheep of a much higher type than usually seen in America. Mr. Chandler is of the opinion that in recent years there has not been an importation to America which has included as many Royal winners as the importation he is now making. Shropshire breeders will hear this matter in mind and watch for the showing at various fairs by Messrs. Chandler Bros.

Messrs. Manlove Bros. and J. H. Norris, breeders of Duroc Jersey swine, of Bowen, Ill., have a new advertisement on page 20 of this issue of The Homestead. They announce that their spring crop of pigs are now moving out, and that they weigh about 125 pounds, and are in growing condition. These pigs are sired by Big I Am, Tip Top Notcher, Perfection Chief and other good boars. They also have Scotch Collie puppies for sale that are ready for work. They invite Homestead readers to write for description and prices, or they would prefer for those in need of Duroc Jersey pigs or Scotch Collie puppies to visit them and spend the day. See what they have to offer.

Two good Scotch bulls are offered for sale by Mr. G. P. Simpson, of Blockton, Iowa. One of these will be two years old next August, and is named Lancaster Lad 262183. He is a son of Baron Godoy and has for a dam Lancaster Belle by Bampton Bud. He traces to Imp. Mary Ann of Lancaster by Royal Lancaster, one of the best families known to Short-horn breeders. He is a red bull with a little white, is of the low-down, hocky type so well known to this family, and can be bought for \$150. Considering his breeding and individual makeup he is cheap, indeed, and he should make a good breeding bull. He also offers another young Scotch bull for sale, sired by Baron Godoy and out of a daughter of Scottish King. This calf is just turned a year old and belongs to the noted Daybreak family. Should any of our readers want a Scotch bull, they will do well to write Mr. Simpson at once. The latter bull is a deep red and if taken soon will be priced at \$125.

Messrs. Peterson Bros., of Lamoni, Iowa, will make a closing out sale of Short-horn cattle at Mt. Ayr, Iowa, on Thursday, September 27th, at which time they will dispose of one of the best herds in southern Iowa. This sale is made necessary because one of the brothers has disposed of his farm and in order to close the existing partnership they concluded to sell the entire herd. There will be over fifty head in the sale, including two imported cows, as well as several head of pure Scotch cattle. One of the best cows that will go into this sale will be Imp. Crescent 5th, bred by Mr. W. S. Marr and imported by Mr. W. D. Flatt. Her sire is Prince of Fashion, the pick of the 1902 crop of calves at Collyne, and he was sired by the great Scottish Archer. She is a grand, good cow and will sell with cow calf at foot by the pure Scotch bull, Stakeholder 163697. There will also be a yearling heifer in the sale out of her and sired by Stakeholder. The other imported cow is Princess Fame, bred by Mr. Wm. Ross, of Aberdeenshire, Scotland, and sired by Pride of Fame (195714). She will also sell with calf at foot

by Stakeholder Boy. The majority of the cows will be bred or will have calf at foot by Gay Hampton 212202, a son of the great Hampton's Best. This bull will also be included in the sale, as will also a pure Bates bull and several younger bulls. It will be a good offering throughout and we will notify our readers in due time of the various good things that will be sold in this dispersion.

Mr. Howard A. Chandler, of the firm of Messrs. Chandler Bros., of Kellerton, Iowa, sailed from Glasgow, Scotland, on July 7th, with sixty head of the choicest rams and ewes that have ever been imported to this country. There are thirty of each sex, among which are an excellent lot of Minton ewes, and the Nock ram lamb that was first in pen of five in the greatest show in Scotland. He also got the choice of the Cooper yearling ewes. In fact, he is bringing with him the pick of five of the best and most noted herds in Scotland. Messrs. Chandler Bros. have about eighty head of rams and ewes at home, among which are some that are good enough to go into any herd. If any of our readers want a good ram or a few good ewes they should write to the above firm at once. Kindly mention The Homestead when writing.

Mr. Ira A. Merritt, of Kellerton, Iowa, is one of the well-known Polled Durham, Short-horn and Poland China breeders of Ringgold county. He has some good spring pigs this year sired by M.'s Perfection and out of Columbia 5th, a daughter of the great sow, Columbia 2d. His fall pigs are sired by Black Tecumseh Jr. 97111. At the head of his Polled Durham herd stands Buttonwood Marshal 10th 235011, a son of the noted bull, Field Marshal, and out of the \$600 cow, Ohio Duchess, which was also the dam of Ruby of Buttonwood 1st and Ruby of Buttonwood 2d, that were winners wherever shown. He is just turned two years and is a bull of great scale and should round out into a 2,600-pound animal when matured. Mr. Merritt has about fifty head in the herd and he nearly always has something to offer for sale. He will be pleased to hear from any of our readers at any time.

The firm of Messrs. Peterson Bros., of Lamoni, Iowa, will make a public sale of Short-horn cattle at Mt. Ayr, Iowa, on September 27th, at which time they will offer fifty head of the tops of their two herds. The above is one of the most reliable Short-horn firms in southern Iowa, and we trust our readers will remember them on sale day. They will put cattle into this sale that any of our best breeders can afford to buy, and we will take pleasure in giving our readers a complete description of them in due time. One of the members of this firm also breeds Poland China hogs. He has a splendid crop of spring pigs, and he will be pleased to fill an order for a boar pig at any time. He has a grand lot of brood sows of the best strains now known to the breed. If you want a boar pig or a few choice gilts, just correspond with Messrs. Peterson Bros., and you will be treated right.

Mr. J. B. McAllister, breeder of Poland China hogs, of Palo, Iowa, writes: "The Poland China hogs are coming on fine. I have eighty head of spring pigs all sired by my great 800-pound hog (in show shape), K. S. T. C.'s U. S. 55611; his sire, T. C.'s U. S. 55609; his dam, Beauty 11736, by Bigger Lad 33989. He was used for four years in the fine herd of Messrs. Hokes & Son, of Williamsburg, Iowa, and has sired more prize-winning pigs than any one hog in Iowa county. His pigs have great, deep, broad hams and shoulders, besides excellent length and bone. Also will have between 300 and 400 Barred Plymouth Rocks of the celebrated Eclipse strain to offer Homestead readers. My advertisement in The Homestead the past winter was a profitable investment, as I sold clear out of Poland China gilts and male pigs and had to return orders that I was unable to fill. One man who saw my advertisement in The Homestead came and saw my pigs and bought eight head of bred sows before he left."

Mr. Robert Pritchard, of Carroll, Neb., the man who paid \$275 for a son of Combination at the W. A. Kirkpatrick sale last fall, points with pride to sixty good pigs sired by this hog this year. He christened him Welsh Vanderbilt 40567. He is a grandson of the noted Belle's Chief. One of the best litters by the above boar is out of Lady Macbeth, a daughter of Olympus, the boar that won first at both the Iowa and Minnesota State Fairs in 1899. There were twelve pigs in this litter and she is raising ten. State Maid, a two-year-old daughter of Ohio King, and out of the sweepstakes sow, W.'s Choice, has six pigs by Gay Advance, and another good sow called Pritchard's Choice has eight good pigs by Golden Star. He also has two good daughters of old Pericles, one with a litter by Cedar Lawn Model, and the other with a litter by King James. Mr. Pritchard will make a public sale at his home near Carroll on January 22d, at which time he expects to put in only the best of this year's crop of pigs, together with six good brood sows. Our readers will do well to remember him on sale day, because he will have something good to offer.

That old, reliable breeder of Short-horn cattle, Mr. E. Funke, of Greenfield, Iowa, has been kept pretty busy this season caring for as good a crop of calves as were ever dropped on the farm. These are mostly sired by Golden Champion, his former herd bull, now at the head of the herd of Mr. Hugh Bates, of Orient, Iowa. His new bull, Nonpareil Perfection 206667, has matured considerably since Mr. Funke purchased him. While not carrying as much flesh as when he bought him, he is nevertheless developing into one of the great bulls in the state of Iowa. He is a dark roan and is a son of the great Nonpareil Victor and is therefore a half brother to the noted prize-winning bull, Nonpareil of Clover Blossom. This grand young bull was a winner at the leading fairs last fall and was afterwards sold to Mr. Funke at just around the \$1,000 mark. His first calves will be due in a couple of weeks and his owner expects great things of them. One of his sons is in another leading herd and bids fair to be out at the shows this fall. He is a richly-bred bull and belongs to the well-known Nerissa family that has produced so many good show cattle. Mr. Funke has a grand lot of females in his herd, and is particularly strong on Victorias and Acanthas, besides having a number of Orange Blossoms, Lavenders and other good

Scotch tribes. He recently purchased two good cows at the Lowden sale, one in calf to the great Ceremonious Archer. He has a splendid young Victoria bull for sale, a son of Golden Champion and out of Victoria Funke 2d. He is an excellent calf, being one of the best-quartered calves we have seen this season. He is for sale if anyone wants him. Write Mr. Funke about him or go and see him.

The experience of a prominent breeder of Hereford cattle near Attica, Ind., may prove of interest to many other stockmen. This gentleman for a number of years has used a Bowsher "Combination" belt power mill at his home farm and ground all the feed for his cattle. Last winter he fed 100 head of cattle at a farm some twenty miles distant from his home farm and attempted to do it on whole grain. He writes us that he fed 2,500 bushels of ear corn with practically no gain. He then put in a No. 19 Bowsher Geared Sweep Mill on this distant place, and had a gain of 185 pounds per steer in the next forty-five days. He put off buying the mill until April, and his experience is a pretty conclusive evidence of the value of ground feed. If anyone cares to have the name of the feeder to make certain that these statements are correct, they can secure the address by sending to the E. N. P. Bowsher Company, South Bend, Ind.

Mr. Ed. Holmes, of Bedford, Iowa, the well-known Poland China breeder who, it will be remembered, showed the great boar, Mo. Perfection at the Iowa State Fair last year, has a nice crop of pigs again this season and he will make a public sale some time in September. The majority of his pigs are sired by Big Shamrock, a son of the noted boar, of Mr. Harvey Moats, of Villisca, Iowa. He has litters by Mo. Perfection, Giant Killer, a son of that famous old brood sow, Giantess, and by P. W. Perfection, as well as several litters by R.'s Claud, one of the best-known boars in southern Iowa. Many of the breeders will remember Mo. Perfection at the state fair last year. He was barred from showing because of a severe freezing he received during the winter, and the judge said he would rather bar him from showing than to give him a poor ribbon, as he considered him one of the greatest hogs ever seen on the Iowa State Fair grounds. He has reduced him in flesh and has been using him and anyone can see his pigs that will go to the farm. Mr. Holmes will be at the fair again this

fall, and a number of his get. I will also include a few choice spring hogs of February and March farrow by Perfection I Know 2d, the second-prize under year pig at Des Moines last year. Keep your eye out for this fellow in the junior yearling class at Des Moines this fall. He will make the boys go some. Tell all the boys who want to inspect my show herd that I will be found in barn No. 1 where I will be glad to give them all the glad hand and show them what I have."

Mr. Z. I. Grout, of Tingley, Iowa, is one of the progressive young Duroc Jersey breeders in the southern part of the state, and he has a splendid lot of spring pigs, numbering about 120. Nearly all of his stuff is sired by Proud Advance and Perfection Chief, two of the best-known boars ever shown at the Iowa State Fair. Mr. Grout has a bunch of pigs that are going to attract the best breeders this fall, and we do not hesitate to say now that his fall sale will contain some choice plums. He will be at the fair this fall, where he will show a daughter of Proud Advance that is one of the most perfect and one of the best daughters ever sired by him. This sow is one of the "peaches and cream," as Mr. Frank Iams would say, of the season, and she will undoubtedly get a pleasant look when the ribbons are passed around. He also has a good two-year-old sow that he will show, and he may take along a few pigs. Mr. Grout will make a public sale on October 17th, at which time he will sell the tops of this year's raising, and any who want Perfection Chief or Proud Advance sows and boars will get a chance to buy one in this sale.

MORRIS' DUROCS.

One of the younger breeders of Duroc Jerseys is Mr. W. E. Morris, of Dwight, Ill. He has selected some very good sows from the different herds in his section of the state and has a nice lot of spring pigs. At the head of his herd he is using a boar called Sir Thomas 44997 by Ely's Choice 26005 by International 8795 (A.), dam Lucy D. 24776 by Red Cloud B. 5971. This boar has proved a very potent sire and the spring pigs sired by him will go into good herds. A litter by him that should attract attention is out of Alberta 88610, sire by Roderic 13149 (A.), dam Villa V. 70034 by Warren Wonder 12249. There are five boars and two sows in this litter. A sow by Frank's Choice (a boar used at the head of Mr. Frank Erschen's herd) and out of Nellie B. 105734

WANTED

SOME CASES of LUMPY JAW

A NEW and effective remedy has recently been discovered for Lumpy Jaw in Cattle. In order to give it a more thorough trial the name and address of parties who have Lumpy Jaw in their herds is desired. The first ten applicants will be furnished free treatment. Address,

LOCK BOX 1120, DES MOINES, IA.

fall with some good show sows and he will be pleased to meet the boys there. He is a good feeder and a good care taker and he always puts up a good offering and his September sale promises to be one of the good ones of the fall season.

Mr. C. F. Robe, of Jesup, Iowa, in sending in change for his advertisement which will be found on page 22 of this issue of The Homestead, writes: "I have some very choice broad-backed, long-bodied, heavy-boned, smooth fall gilts and a few top males yet for sale. Also some good spring pigs of the same kind that will do some one good and will be sold worth the money. Have a few good bull calves for sale, sired by Archer 209427 which I am offering for sale. He is four years old, weighs over 2,300 pounds in his present breeding trim. He is a pure Scotch bull and good enough in breeding and individual merit to head almost any herd. I have used him as long as I profitably can and will sell him worth the money. Come and see them. You will not be disappointed."

The old, reliable firm of Messrs. Jordon & Dunn, of Central City, Iowa, place a card in our Short-horn columns this week of the Maine Valley Scotch Short-horns. This is the establishment that bred and furnished the nucleus of all the famous Nerissa family of Short-horns in America. Mr. H. D. Parsons' \$4,000 Nonpareil King was of this family; in fact, the granddam of Nonpareil King was bred by Mr. Chandler Jordon. Among the earlier great Cruickshank bulls used at Maine Valley were Imp. Stanley, Imp. Confessor, Imp. Lauderdale and Imp. Anchorite. After the use of these bulls came several American-bred Scotch bulls, and now Imp. Golden Fame is doing most excellent service. At this writing only four bulls of serviceable age are on hand. All are pure Scotch, however. One is three years old and is a splendid bull. He was sired by Prince Nonpareil and is out of a Mina cow. He is all right in every way, but many of the breeding cows are his half sisters, hence Imp. Golden Fame must be used to the exclusion of the Mina bull. He is held at \$500. The other three bulls are yearlings and all are reds.

Mr. Geo. H. White, of Emerson, Iowa, one of the foremost breeders and show men in the state, writes: "I had very bad luck last spring on account of wet and cold weather, but I saved thirty-five pigs and they are doing fine. I also have twenty fall sows of August, September and October farrow and they are doing well. I also have three good fall boars as I have ever raised, sired by a son of Corrector, and their dam is a daughter of old Chief Tecumseh 2d. These three boars will be included in the White-Metzger sale at Council Bluffs, Iowa, on September 15th. Both Mr. Metzger and myself are putting in twenty-five of the tops of our herds in this sale. I am putting some of the best hogs I have ever sold into this sale. Among them will be Contractor, the third-prize under year boar at Des Moines last

fall, and a number of his get. I will also include a few choice spring hogs of February and March farrow by Perfection I Know 2d, the second-prize under year pig at Des Moines last year. Keep your eye out for this fellow in the junior yearling class at Des Moines this fall. He will make the boys go some. Tell all the boys who want to inspect my show herd that I will be found in barn No. 1 where I will be glad to give them all the glad hand and show them what I have."

One of the best and one of the cheapest paints ever used on the farm is refined tar, manufactured by the Omaha Gas Company, Omaha, Neb. For dipping fence posts or shingles, painting barns, poultry houses, hog and cattle sheds, iron tanks of any kind, it has no equal. It destroys all disease germs and is a great aid in keeping live stock in a healthy condition. A barrel only costs \$4.25; half barrel, \$2.50. Write the Omaha Gas Company, Omaha, Neb., for further particulars and please mention this paper.

F. ALLDRITT OFFERS ROYALLY-BRED DUROCS.

You will notice the advertisement of Mr. F. Aldritt, of Friend, Neb., on page 20. This herd represents the blood of some of the richest families of the breed. The owner has about 150 pigs sired by such boars as Ohio Chief, Billy K., Higgins' Model, a full brother to Crimson Wonder, Improver 2d, and many more of the royally-bred ones. Mr. Aldritt has given his pigs the necessary care and has them in fit condition to give the purchasers good results. These pigs will be priced worth the money and you can expect fair treatment. He also has a few good fall boars that will be priced very cheap in order to close them out. If you want the good blood lines you can find them here. Mention The Homestead when writing.

PREVENTING DISEASES IN LIVE STOCK.

The attention of our readers is called to a booklet recently published by Parke, Davis & Co., of Detroit, Mich. It deals with the prevention of live stock diseases by the use of a scientifically prepared disinfectant. This firm manufacture Kreso Dip, a product well known by a very large number of subscribers. It is a coal tar product, but does not contain carbolic acid and therefore is never corrosive or irritating. A 1 per cent solution of Kreso Dip will destroy lice, mange and all skin diseases, and in addition it tones up the skin and contributes to health generally. It contains soluble sulphur and practically every live stock man is somewhat familiar with the virtues of sulphur. It is doubtful if any single element that enters into the composition of foods or medicines possesses the virtues of sulphur, and as Parke, Davis & Co. have been able to bring it into soluble form and to hold it in solution they have placed themselves in a position to supply to the public an invaluable

Horse Owners! Use GOMBAULT'S Caustic Balsam

A Safe, Speedy, and Positive Cure

The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE-WILLIAMS CO., Cleveland, O.



PILES

AND FISTULA

NO MONEY to pay UNTIL CURED.

I TREAT and cure permanently by mild and painless methods, all diseases of the Rectum, such as Piles, Fistula, Fissure, Ulcer, etc. I do not use the knife nor put you to sleep with Chloroform or Ether.

I guarantee a cure and take no money until cured and satisfied.

Protection for Life—Every case when cured and discharged is given a written "Legal Guarantee" of cure which provides for Free Treatment at any time during life, should further treatment ever be needed. In other words, "I agree to keep you cured."

Write me full description and I will send New Illustrated Book Free. Also letters from hundreds of cured Iowa patients.

Write these cured patients:

W. H. Swartzendruffer, R. 3, Wellman, Ia.
A. Nicholas, Plover, Ia.
L. B. McAlpin, Clarinda, Ia.
T. B. Adkins, Grinnell, Ia.

Address me.

JOSIAH JOHNSTON, M. D.,
512 W. Walnut St., Des Moines, Iowa.

product. Many diseases of live stock are discussed in this booklet, notably worms, ringworm, contagious abortion, destruction of lice, calf cholera, mange, thrush, galls, etc. This booklet will be furnished free to all of our readers upon application to Parke, Davis & Co., Detroit, Mich., mentioning The Homestead.

GLENGARY HERDS.

We present this week a fair likeness of Mr. John Schrotberger, of Gardner, Ill., the senior member of the well-known firm of Messrs. John Schrotberger & Sons, breeders of Red Polled cattle and Duroc Jersey hogs. Quality and not quantity has been the basis upon which the Glengary herds were founded, and have been maintained. We wish to speak first of the Red Polled herd. The foundation was well laid along correct ideas, stock from the



MR. JOHN SCHROTBERGER, GARDNER, ILL., BREEDER OF RED POLLED CATTLE AND DUROC JERSEY HOGS.

best herds being secured of the fashionable, profitable families. At the head of the herd is the yearling bull, Josephus 3d. At eleven months of age this bull weighed 1,000 pounds. He has plenty of size, combined with smoothness and quality. His dam has a record of fourteen pounds of butter in a week. Something of the prolificacy of the females in the herd is seen in the get of Ohio Miss 6613 (P. 6). There are in the herd from this cow two heifers and a bull calf, and one of the cows out of Ohio Miss has a heifer calf and is due to drop a heifer calf at once. One of these heifer calves Messrs. Schrotberger intend to show. She is by Commodore 11373, second-prize bull as a yearling at the International in competition with seven others. This calf will if properly fitted bring much credit to the herd. An extra good bull calf out of Ohio Miss by Commodore is offered for sale. He is the making of an excellent herd bull and should not be overlooked by some breeder in search of a herd bull. Messrs. Schrotberger will be pleased to have breeders inspect their herd of Red Polls. The Duroc Jerseys represent the blood of the most popular families. The herd boar is called Perfection J. K. 32105. He was sired by Allison Jr. Perfection 9783 (A.), dam Owaneco Belle 70362 by Gold

PILES

FISTULA--NO MONEY TILL CURED

MR. STEPHEN KNIGHT, COLUMBUS JUNCTION, IA., WRITES: "I was afflicted with Piles for twenty years and five years of that time was not able to work. You treated me for this trouble about five years ago and I am now perfectly well."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....

Town..... State.....

Chief 18937. This sow is a half sister to the first and championship boar at Illinois State Fair 1904, Gold Cloud, both being sired by Gold Chief. All of the spring pigs are by this boar. Fannie Beatty 116752 by Gem's Top Notcher 34039 by Top Notcher's Rival 13593 (A.), dam Fanny 83808 by Thornton's Choice 25293 is the dam of a very good litter of six, four sows and two boars. Binnie D. by My Michigan 17409, dam Lady Dwight 44582 by Improver 14125 has a nice litter of five extra good pigs. A daughter of Binnie D., called Amelia 75284, has a very good litter of seven. Although Messrs. Schroterberger lost this sow they saved seven out of twelve pigs farrowed. A good fall boar by Perfection J. K. and out of Amelia is offered for sale at a reasonable figure. Two litter sisters to this boar are also offered at this time. Messrs. Schroterberger will be pleased to have breeders inspect their herds and will price their stock worth the money, considering breeding and quality. Write for prices and other information, kindly mentioning The Homestead, as per the announcement on page 24 of this issue.

DOUBLE STANDARD POLLED DURHAM CATTLE.

Our readers are always interested in knowing where to buy the best cattle and, for that matter, the best of everything. The firm of Shaver & Deuker, of Kalona and Wellman, Iowa, are unquestionably well prepared to supply the ever-popular Polled Short-horn or Double Standard Polled Durham, as they are generally known, cattle that can be recorded in the Polled Durham Herd Register and in the American Short-horn Herd Book. Since the consolidation of the Shaver and Deuker herds Iowa commands a rank second to none in America and is in fact headquarters for strictly first-class cattle of this very popular hornless breed. A large percentage of the herd are Scotch cattle, including Imp. Scotch cows, one of which is by the champion bull, Marengo. This firm will be at Iowa State and other western fairs with an aged herd this fall. Roan Hero, the winning bull calf and yearling, is now a worthy candidate for two-year-old honors and if he is not successful the West will see a better two-year-old than has yet been shown. Arcadia Duke 3d will show as a calf and is a hard nut to crack. He is a rich dark red roan, chock full of feeding quality. He was sired by old Tippecanoe 44th and out of a Bates Duchess cow. He is about right all over and weighed 960 at eight months old. The best yearling Scotch Polled Durham bull of the entire eastern lot of great bulls has been purchased for delivery September 1st. This gives this firm three of the best bulls of the breed. In addition they have a large number of their 100 cows bred to Athenian Prince and the Scotch bull, Secret Knight. Recently they have made heavy shipments to Nebraska and South Dakota.

TIP TOP NOTCHER SELLS FOR THE RECORD-BREAKING PRICE OF \$5,000.

Readers of this paper interested in Duroc Jerseys will be pleased to know that Mr. Geo. W. Seckman, of Ripley, Ill., has sold Tip Top Notcher, his noted herd boar, to Messrs. Fagan, Browning, Hess & McCabe, of Hersman, Ill., and Messrs. Thomas & Hogsett, of Golden, Ill., for the record-breaking price of \$5,000. The following letter was received from Mr. Seckman during the past week: "Ripley, Ill., July 7, 1906. Homestead Company, Gentlemen:—I have today completed the sale of the greatest wonder of the Duroc age, the most phenomenal Duroc Jersey boar, both as a breeder and a hog, living or dead. Tip Top Notcher 20729 sells for \$5,000, the highest price ever paid for a Duroc Jersey. He goes to head the great herds owned by Messrs. Thomas & Hogsett, of Golden, Ill., and Fagan, Browning, Hess & McCabe, of Hersman, Ill. Those high-minded, enterprising gentlemen believe in planting the seed of champions and raising grand champions, and the purchasing of the grand champion, the premier hog of the breed, Tip Top Notcher, places their herds at the head of the list of the Duroc world, and had it not been my intention, as previously announced, to close out my entire herd and retire from the breeding business, a much larger sum would not have bought this great sire. The record made by Tip Top Notcher as a show hog, a breeder and in weight has never been equaled by any hog of any breed, living or dead, and I predict, never will be approached. Tip Top Notcher in 1903 won first at Springfield and American Royal when under one year old, then at the great St. Louis World's Fair in 1904, when matured as a yearling, weighing 1,120 pounds, in the greatest show ever seen in the history of the world, he won first in class, champion boar and grand champion boar. On him and seven of his get I won twelve prizes—nine class prizes and three medals and diplomas, including champion herd of Illinois. In 1905 Tip Top Notcher sired five pigs that were good enough to go into five state fairs and win eight blue ribbons. He sired the first Duroc sow to ever sell for \$1,000, and also sired the highest-priced litter ever produced of the breed; and as has often been said before, Tip Top Notcher is a wonder in a class by himself. As premier hog of the breed he has the size, quality and finish, and transmits it to his get. The world's greatest live stock artist and expert judge, Mr. Harry Spurling, says of Tip Top Notcher when sketching him at my farm June 23, 1906, 'He is the best Duroc Jersey boar I ever saw, having more quality, style and size, and as a sire of first-class stock.' Nothing more for sale now. On October 24th I will close out my entire herd of over 200 head, the cream of the breed. I give every breeder, every lover of high-bred stock, a special invitation to visit me on or before this date and inspect my herd and spend a day at the Gold Dust Stock Farm." These two firms of Duroc breeders are to be congratulated upon such a valuable addition to their already strong

herds. They deserve the support of every breeder and farmer throughout the middle West who is interested in Duroc Jerseys.

CURED SPAIN OF TWO YEARS' STANDING.

Mr. S. O. Tynes, of Moorings, Va., writes the Dr. B. J. Kendall Company, of Enosburg Falls, Vt., as follows: "I have used your preparations and have been well pleased with them. I had a horse with bone spavin of two years' standing. I used one bottle of your spavin cure, and he has not been lame in three years." See advertisement on page 8.

F. A. EDWARDS SELLS A GREAT BULL.

Mr. F. A. Edwards has recently sold to Mr. F. P. Helmick, of Webster City, Iowa, the exceedingly good Cruickshank (Broad-horns) bull sired by Duke of Oakland 2d. The dam of Mr. Helmick's purchase is Imp. Fair Duchess, the best cow at Bluffview, and one of the very best in America. She is of the same family as the great Imp. Lovat Champion, now owned at Flynn Farm, Des Moines, Iowa. Mr. Helmick is to be congratulated on the wisdom of his purchase, and Mr. Edwards on producing such a bull.

TAFF CAN SELL YOU A DESIRABLE FARM.

On page 14 will be found the initial advertisement of Mr. David P. Taff, the land man of Topeka, Kan. Mr. Taff is today one of the large real estate dealers in America and with his system of co-operation with real estate dealers throughout the United States he is in a good position to handle large volumes of business. He is energetic and up to date and makes a business of selling land and furthermore he sells it. If you want to buy or sell property or business of any kind, anywhere in the United States, it will pay you to write him.

A GOOD SCOTCH HERD BULL FOR SALE.

Messrs. G. P. Tyrrell & Son, of Oxford Junction, Iowa, are offering a strictly choice red Scotch bull called Eureka. He weighs nearly 1,200 pounds, was sired by Sittytton Sort and out of a splendid cow that traces to Mr. Cruickshank's famous Flora family. He carries some of the best and most fashionable blood known to the breed, and with all is a grand, good individual. He is priced at \$400, which is a reasonable considering the breeding and intrinsic worth. They have a splendid red roan Scotch-topped bull of the Nelly Bly family at \$125 and some good red yearlings at \$100 each. This firm can boast of having 150 early Duroc Jersey pigs for the market. They are all pedigreed stock. Messrs. Tyrrell will be pleased to answer all our readers' questions concerning any and all of this stock.

PROTECTION FOR LIFE.

Many people who are cured of disease afterwards wonder if the cure is permanent and if perhaps some time in their life they will not be troubled again with the dread disease which they have been cured of. To such of our readers who are troubled with piles we would ask that they read the advertisement of Dr. Josiah Johnston, on page 18 of this issue, in which he agrees to give a written legal guarantee to cure all his patients and keep them cured for life, and his guarantee is good. Dr. Johnston tells us that out of 700 cases which he has cured he never has had but two who have even come back to him for further treatment. This certainly speaks well for his methods in curing piles, and any of our readers so afflicted will find it to their interest to write Dr. Johnston at 512 West Walnut St., Des Moines, Iowa, for full particulars as to his methods of treatment.

KNOCKS OUT LIGHTNING.

No one likes to take chances with lightning. It is better to be safe than to be sorry. A new danger from fire has been introduced by putting telephones into so many farm homes. But this danger is entirely overcome by the "No-Risk" cut out, manufactured by W. E. Ashby Telephone Cut Out Company, of Chariton, Iowa, and advertised on page 2 of this issue. This simple device attaches outside the house and by pulling out a small rod that runs through the wall the telephone is cut out as absolutely as if the line didn't come within a mile of the house. Its slight cost makes it the cheapest kind of insurance. Severe thunder storms are so prevalent at this time of the year that no one having a telephone in the house ought to take any chances. Refer to the advertisement and write today to W. E. Ashby Telephone Cut Out Company, Square street, Chariton, Iowa, and mention this paper in doing so.

AN OPPORTUNITY FOR YOUNG MEN ON THE FARM.

To the young man on the farm who is anxious to make a place for himself in the world; to advance from drudgery to a position of dignity and good pay: We wish to call your attention to the advertisement of the celebrated Gem City Business College, found on page 10 of this paper. This noted educational institution has been in successful operation and under the same management for the past thirty-six years and has been counted as one of the leading commercial schools of America. Its success is largely due to the fact that its graduates are ready for actual business when they leave this school. This comes from the fact that they have acquired their knowledge by actually performing business work and not by memorizing text books. All over the country are to be found graduates from this school in good paying positions because they are qualified to fill them. If you are interested in securing a business education that is thorough and at a moderate cost, you should send for their sixty-four-page catalog published by this school. In their advertisement you will see they teach all the modern business branches. Suppose you write today to Pres-

ident Musselman, 205 Musselman Building, Quincy, Ill., for their catalog and see how easy it is to get a good business education at this school.

DISINFECTING DAIRY QUARTERS.

Unless special precautions are taken to make dairy cows comfortable during the next two or three months there will be but a small profit realized on their products. If for any reason cows are lousy or their skin is unhealthy the food consumed is practically wasted. A 2 per cent solution of Zenoleum; that is, two parts Zenoleum to 100 parts warm water, will immediately destroy lice and contribute to general healthfulness of the skin. It will also kill contagious and infectious disease germs, such as cause abortion and other diseases in cattle, as well as scours and white cholera in calves. Zenoleum ought to be used around dairy barns at least once a week. It kills foul smells, purifies the air and leaves the atmosphere fresh and sweet. Forty-two agricultural colleges and experiment stations, as well as numerous veterinarians, stock breeders, dairymen and farmers have found Zenoleum to be an effective lice killer and germ destroyer. All druggists sell Zenoleum.

OSBORN'S DUROC JERSEYS.

Among the many breeders in the state of Iowa who have been rapidly coming to the front is Mr. O. E. Osborn, of Weston. Few breeders have enjoyed a better reputation and his straightforward and business-like way of dealing with his patrons has won for him an enviable reputation among all with whom he has come in contact. He has been seen at the leading fairs the last few years where he has secured a fair share of the prizes. His great sow, Red Lady, was a winner of first and sweepstakes at the Iowa State Fair in 1904, and he also won out in several other classes. His reputation, however, has become widespread because he now owns a half interest in the great boar, Ohio Chief (the other half being owned by Mr. R. J. Harding, of Macedonia, Iowa, and he is today considered one of the greatest boars known to the Duroc Jersey breed. Sows bred to Ohio Chief in the last Osborn sale averaged \$300, which testifies to his merits as a sire, and to Mr. Osborn's good judgment in the selection of a boar to head his herd. He has about 100 pigs now on the farm and a goodly portion of these are Ohio Chiefs. Among the number are two litters that he will fit for the fairs and the boys will have an opportunity of seeing them at the fall shows. Mr. Osborn has another good boar in Crimson I Am, a son of Crimson Wonder, that in some respects will beat his illustrious sire. He has some pigs by this hog, some by Indicator, Top Notcher Again, Briggs' Prince and Carroll Boy. The two best Ohio Chief litters are out of Nancy, the dam of his best litter last year, and the other out of Lady Harris, a daughter of old Duroc Challenger. He has forty-five head of fall stuff, among which are some good things. He will be out with a show herd and says to have them all be sure to come around and see what he has at fair time.

NOTABLE NEBRASKA SALES OF SHORT-HORNS.

As announced, Mr. W. C. McGavock, of Springfield, Ill., will sell Short-horns at Geneva, Neb., on Tuesday August 7th, and at Grand Island, Neb., Saturday, August 11th. Mr. McGavock has had more experience in selling pure-bred cattle than any man in America. He has a most extensive knowledge of pedigrees and is a practical cattleman in every sense of the term, having performed every part of the business. He has been herdsman, herd manager, breeder and salesman and no one is stronger equipped for the work he is carrying on. He has made record-breaking auctions, selling a bull for \$9,100 and a heifer for \$6,300, and averaging on some forty head the splendid price of \$1,177. Mr. McGavock claims that he has never sold such an offering of Short-horns as will go under the hammer at Geneva on August 7th. The fifty head he includes have all been personally selected by him and as he is thoroughly posted on type and sale ring requirements, no man is better fitted to do it. Twelve of the fifty head are Scotch cattle and of the best Cruickshank families, and eleven of these Scotch cattle are superior cows and heifers and the other one is the grand show and breeding bull, Bapton Glover 213104, bred by Mr. J. F. Prather, of Williamsville, Ill. He is a three-year-old, sired by Imp. Bapton Sovereign and out of a dam by the famous Forbes stock bull, Baron Glover. A dozen of the get of this bull will be sold with him, and it is rare that such a bull and his get are included in an auction. Mr. I. W. Baughman, of Edinburg, Ill., consigns the bull to the auction because he is dispersing his herd, and Mr. McGavock has secured the tops of it for this auction. Four of the cows and heifers included are Cruickshank Orange Blossoms and the others are of standard families sired by such bulls as Imp. Sovereign and Imp. Bapton Sovereign. A number of the females were bred by the noted breeder, Col. T. B. Hart, of Edinburg, Ill., and they would simply not be for sale but for the fact that Mr. Baughman is closing out his herd and leaving the farm. One of the choicest consignments ever sent into a sale ring is that from the herd of Mr. C. H. Giller, of White Hall, Ill. There are sixteen head of very superior young cows and heifers, six of which are Scotch, descending from the Cruickshank Butterly cow imported by the illustrious James I. Davidson, of Canada, and topped out with the most noted of Scotch hulls. There are some splendid show cattle in this consignment and grand show herds, both old and young, can be picked from this Geneva auction. Useful cattle will be the rule in the Grand Island sale. The hulls will be good and strong, with the bone and scale required by western cattlemen, and the cows and heifers will be of same type. Mr. Edward N. Hurley, of Wheaton, Ill., is sending the best of his herd

to this auction including fourteen cows and heifers and his stock bull, Diamond Jim, by the celebrated bull, Bapton Diamond. Mr. McGavock will take pleasure in mailing catalogs to all applicants.

TAYLOR'S DUROC JERSEYS.

Mr. W. J. Taylor of Dwight Ill. has made a good start in the breeding of Duroc Jerseys. He has not tried to raise a large number of pigs, but what he has bred for has been the growthy, uniform, quick-maturing sorts. At the head of his herd he is using a boar called Sport 47339, he by Big King 12641 (A.), the boar used with much success by Messrs. E. H. Deal & Son and Fred Schweizer, of Elwood, Ill. The dam of this boar is Jennie Lind 33252 by Paul Kruger 6147. This boar was out of a litter of twenty-one farrowed. Lady Alice 119228 by Proud Advance 23549, dam Amy W. 70906 by Orion 5293 has a fine litter of ten, five boars and five sows, by Sport. An examination of the pedigree of this sow shows that no better blood can be found than she possesses. Two daughters of this sow, sired by Dumont, a prize-winning boar at the Illinois State Fair, have good litters by Sport. Mr. Taylor will be pleased to furnish prices and descriptions of the boars in his herd of spring farrow to readers of The Homestead, and we are pleased to recommend his herd to our readers. In writing please mention The Homestead.

THE BOTNA VALLEY HERD OF CRIMSON DUROCS.

One of the most conspicuous herds of Durocs today, and one of the most noted in the United States, is the Botna Valley Herd, owned by Mr. R. J. Harding, of Macedonia, Iowa. This herd has been made famous because there stands at the head the greatest boar of the breed, the king among kings, Ohio Chief 41419. Here is also owned the noted sweepstakes sow, Nebraska Belle, for which Mr. Harding paid \$600 and afterwards refused \$2,500. Then he also owns Proud Lady, for which he had to put up \$1,275, and she stands today the highest-priced sow of the breed. She is a daughter of the great boar, Proud Advance, and she has one of the great litters of the year by old Orion. She is conceded to be the greatest sow ever sired by Proud Advance. She was shown last season at the Iowa State Fair in the six months and under year class. She was three days too old to show in the six months' class and therefore had to show against sows twice as old as she, and in spite of this great handicap she got third prize. Ohio Chief is assisted by Brighton Wonder 34723, a full brother to Crimson Wonder, Belle's Perfect King, a son of the great Nebraska Belle and Addy's Top Notcher. Mr. Harding has a splendid lot of pigs this season by Ohio Chief, Orion, Proud Advance, Glendale Critic, Brighton Wonder, Indicator, Belle's Perfect King, Addy's Top Notcher and a few litters by other well-known boars. He has unquestionably the best lot of pigs he ever raised, and his sale on October 3d promises to be one of the greatest of the year. There will be no sale this fall that will have such an array of breeding and Mr. Harding authorizes us to say that he will guarantee every hog sold in his sale. Breeders who want a boar this year should remember Mr. Harding and his sale on October 3d. He will have some of the top pigs of the year.

GEO. L. BELCHER TO DISPERSE SHORT-HORNS AND TROTTER-BRED HORSES.

On account of the health of his family, Mr. Geo. L. Belcher, of Carrollton, Mo., one of Missouri's most enthusiastic breeders of Short-horn cattle and trotting-bred horses, finds it necessary to leave the state and quit a business that he is especially adapted to and in which his faith has ever been strong. Mr. Belcher, like all good breeders, was always ready to back his judgment and when laying the foundation of his herd and stud he selected the animal and bought regardless of the price. This shows the true breeder's spirit and it is to be regretted that the change will take from Missouri one of those the breeding fraternity can ill afford to lose. Mr. Belcher will on the morning of Wednesday, August 8th, at 10 o'clock, sell his trotting-bred horses. These are largely the get of Norberry 23743 with a record of 2:17 1/4, and Atora 2:09 3/4, sire of the dam of the great mare, Maud S. They are an unusually good lot of useful horses and mostly young. The brood mares have been regular producers and mares will be shown that have produced a colt regularly each year for the past five years. Norberry was a great performer and was raced in 1902, 1903, 1904 and 1905 and was then retired to the stud. He has shown miles in better than 2:12 1/4 and should have retired with this record. Norberry comes of a family of speed getters, as he was got by Blazeberry, he by Roseberry with a mark of 2:13 1/4 and sire of Strathberry with a mark of 2:04 1/4. Roseberry was got by Strathmore and it was the Strathmore-Wilkes cross that has made so many good crosses and producers of speed. In the afternoon, commencing at 1 o'clock, the sale of Short-horns will take place. Few breeders can show fifty head that have all come from four families and so many bred by the owner. Two cows, Serephina and Belinda Barrington, are females that Mr. Belcher bought when founding the herd in 1897 and from them and their daughters over half of the herd have been raised. In 1898 Simplicity was bought for \$330, a long price at that time and probably the highest price of that year for a heifer. Some of the best breeders in America were bidders on her, but Mr. Belcher had made up his mind to buy her. She has proven a wonderfully good producing cow and a milker. Mr. Belcher says she has given as high as sixty pounds of milk per day. The entire herd is a most useful one, all being regular producers, and he regrets that he must sell now, as he has brought the herd to a point where it would show a nice profit each year and that the efforts of nine years' work had not been

vain. The sale will be held on the farm, near Carrollton, and all who are interested in good Short-horns and trotting-bred horses should not fail to write Mr. Belcher for a catalog of both the horse and the cattle sale. See page 24 for advertisement and when writing kindly mention this paper.

A WELL-KNOWN CHESTER WHITE HERD.

Chester White breeders all over the state and many of the surrounding states are well acquainted with the E. L. Nagel & Son, Deep River, Iowa, Chester White herd of swine. This firm have not changed from one breed to another, as has frequently been the case with many breeders. They have always admired the Chesters and they know how to raise the prolific kind. A record of thirteen years at the business is in itself proof of their success as breeders of good individuals. Shipments of their Chesters have been made to various states and in every instance so well satisfied have the purchasers been that other orders were placed. A Homestead representative recently saw this herd of swine and was not disappointed with this season's crop. Pioneer by Iowa Eclipse 10211 by Eclipse Jr. is the chief herd boar. He is a massive individual, and now weighs in breeding condition 900 pounds or better. Seldom is an animal of this size seen that carries himself so well. He is as active as a yearling. This, however, is easily accounted for, as he has the bone to carry his weight and also is in a thrifty, healthy condition. Pioneer sires pigs of quality. Until recently he was assisted by Webster, tracing to Colonel C. and out of dam known as Pride by Census Jr. Pigs sired by either of the above boars may be had. None will be found undersized. Messrs. Nagel & Son at Des Moines State Fair in 1905 won first on gilt under six months, fourth on senior yearling, also junior yearling; fifth on young herd and fifth on get of sire. This without any special fitting. They will be found on deck again at the coming state fair. Any of our Chester fanciers desiring a serviceable type of hog will find this firm entirely reliable and will also be satisfied with their purchase. See card on page 21 and mention The Homestead when writing.

DUROC BREEDERS, ATTENTION!

Again we wish to remind readers of The Homestead of one of the most important Duroc Jersey sales of the year to be held by Mr. J. D. Nidlinger, of Decatur, Ind., on Wednesday, August 8th. The writer, representing The Homestead, has recently inspected this offering and is pleased to recommend it to our readers. From time to time he has visited this good herd and noted the progress and improvement made. Mr. Nidlinger will go down in Duroc history as an improver of the breed, for from his herd have come such noted boars as Echo King, Hauley, Stoner's Improver, J. B. J. and other boars of equal merit. The blood of Longfellow and Corrector (both dead) has been productive of great results, many of the prize winners at the leading shows throughout the corn belt being the get of these two boars. There are few of the get of the above named boars to be found anywhere, and Mr. Nidlinger has listed a fine representative lot which will do credit to both his herd and the herds to which they go. Two important facts concerning this sale should not be overlooked. First, Mr. Nidlinger has demonstrated his ability as a feeder and showman, and when he has put into this sale his herds which he had intended to show this year he is deserving of the support of every Duroc breeder. Second, he is not holding back a show herd to contest for premiums after he has made the announcement of his sale, but positively will not show this year. In our succeeding issues we will have more to say of this herd individually, but in the meantime would advise every breeder to write for catalog which gives full information regarding the offering. Those who cannot be present at this important sale can send bids to Mr. D. M. Pierce, representing The Homestead, in care of Mr. Nidlinger and rest assured that they will be honorably handled. Plan to be present sale day and secure something from this noted herd. Kindly mention The Homestead when writing.

MANIFOLD'S DUROC JERSEYS.

One of the best crops of Duroc Jersey pigs that will be found anywhere this season can be seen by calling on Mr. George R. Manifold, of Shannon City, Iowa. This veteran breeder usually has something good stored away in his back yard, and we want to say for him that he has the most uniform lot of pigs this season that he has ever raised. He has seventy head of spring pigs of March and April farrow and seventeen head of these are sired by Proud Advance. One litter is out of Nan Orion, the sow that produced the third-prize litter at the state fair last year. He has made a wonderful growth on these Proud Advance pigs without getting them fat. Mr. Manifold purchased some splendid sows at the Nidlinger sale last year and they did well for him. One of these sows called Iowa Star, a winner of first prize at Indiana and Ohio State Fairs, has a fine litter by Corrector, Mr. Nidlinger's great boar. The dam of these pigs is a litter sister to Hanley, the boar that got first prize wherever shown, and was afterwards sold for \$320. Decatur Belle, first prize sow under six months and first in young herd at Columbus, has nine good pigs by Corrector, and this is one of the most uniform litters on the farm. These all go into his October sale, which promises to be one of the best of the fall season. Mr. Manifold will be at the Iowa State Fair, where he will show a

daughter of Echo King, the best he has ever sired. She is one of the largest and smoothest big sows that will be seen at the fair this fall, and it is going to take a good sow to beat her. He will also show a good September boar, a son of J. B. J., that he bought of an eastern breeder, and he will have some of his best pigs with him. This Corrector stuff is something new in the West and it will meet with favor on the part of breeders when they see it. The Manifold sale this fall will have attractions that will attract, and the best breeders can well afford to arrange to be at this sale.

A GOOD HERD OF DUROCS.

A good herd of Duroc Jerseys is owned by Mr. L. H. Bryan, of Neponset, Ill. While not large in numbers, it is far above the average in point of breeding and individuality. Mr. Bryan has not sought notoriety in Duroc circles, few breeders realizing the breeding and quality of his herd. The principal herd boar is Checkmate 28715, he by Tip Top Notcher 20729, dam Lad's Gold Dust 64492 by The Lad For Me and out of Gold Dust Pink 53846. This boar has proved an excellent breeder and Mr. Bryan has eight fall boars, twenty fall sows and fifty spring pigs sired by him. The other boar in service is Pilot Lad 15153 by Pilot Wonder 9017 and out of Lucy Wonder XI. 19093, she out of Mable 22518 by Longfellow 6815. This boar stood second in the under year class at the Illinois State Fair last year, but was without a dissenting voice the breeders' choice for first. He should have been placed first, being in the opinion of the writer a far better hog than the one which received the ribbon. Mr. Bryan only maintains a small herd and feels that he cannot keep two as good boars as Checkmate and Pilot Lad. For that reason he has offered this boar for sale. He comes from the herd of Mr. Ira Jackson, of West Milton, Ohio, and Mr. Bryan secured a full sister, Pilot Lady 35160, the first-prize under year sow at Illinois State Fair, 1905, from Mr. Jackson. She has a splendid litter by Checkmate. Flora D. 98204 by King Echo 23459 by Echo King, dam Flora C. 87026, has a very good litter by Pilot Lad which should attract attention. Some breeder who is looking for a show boar will do well to visit Mr. Bryan. He is located three and one-half miles southwest of Neponset and six miles east of Kewanee, and will meet anyone if notified. Some very good fall boars and sows by Checkmate are priced reasonably and should be looked after by breeders in search of herd headers or who wish to secure sows for breeding or show purposes. Look up the advertisement on page 23 of this issue and write Mr. Bryan at once for particulars regarding his herd, kindly mentioning The Homestead.

HARDIN BROS.' CHESTER WHITES.

Readers of The Homestead who are familiar with the show-yard winnings of Messrs. F. P. & J. J. Hardin, of Lima, Ohio, will be pleased to know that they have this year as good, if not a better lot of pigs than they have ever raised. They have supplied breeders throughout the entire West with stock which has won in many of the strongest shows for their new owners. We wish this week to call attention to the unparalleled record made by this firm in the show rings throughout the entire country. In 1900 they won at the Ohio State Fair three sweepstakes, four first, four second and three third prizes. At the Indiana State Fair, same year, five firsts, one second, one third and one championship. Illinois State Fair, same year, ten firsts, three seconds, one third and one championship. Same year at St. Louis, ten firsts and three thirds. In 1901, Pan American, six firsts, six seconds, three thirds, three fourths, one fifth and one gold medal champion sow any age. New York State Fair, ten firsts out of a possible eleven, three seconds and both championships. Michigan State Fair, eleven firsts out of a possible twelve, three seconds and two thirds. At 1903 Iowa State Fair, one first, five seconds and one third prize. Nebraska State Fair, eight firsts, six seconds, four thirds and one fourth. Kansas State Fair, eleven firsts and six seconds. At 1903 Ohio State Fair, eleven firsts (all they competed for), four seconds and one third. Indiana State Fair, same year, eight firsts, two seconds, two thirds and one championship. Kentucky State Fair, seven firsts, six seconds and seven thirds. Illinois State Fair, six firsts and six seconds. International at Chicago, 1903, ten firsts, six seconds, two thirds and two championships. At the World's Fair, St. Louis, 1904, senior yearling boar, first; senior under yearling boar, first and second; junior under yearling, first; reserve grand champion boar and champion under yearling boar; aged sows, nineteenth and twentieth; senior yearling sows, second and fourth; junior yearling sows, second; senior under yearling sow, first and fifth; junior under yearling sow, seventh; champion sow under one year and grand champion sow; get of sire, four animals any age, first and fifth; produce of one sow, first prize; boar and three sows over one year, first; boar and three sows under one year, first; boar and three sows all over one year, bred by exhibitor, first prize; best showing of Chester Whites by one exhibitor, first prize; best showing of Chester Whites by one breeder, first prize; fat barrow one year old and over, first prize; grand champion barrow, first. Although Messrs. Hardin have not exhibited their herds since 1904, they have sold stock that won at the Iowa, Illinois, Indiana, Ohio and New York State Fairs. They are not going to show this year and their best young stock is offered for sale without reserve. At the head of their herd they are using College Teddy 13017 by Teddy R. 11305 and out of Little Bess 2d 9788. This boar is familiar to many western breeders, as he won first and championship bred by exhibitor at the Iowa State Fair. There are eight spring litters to select from by this boar, containing many pigs of show yard merit. Another boar used by Messrs. Hardin is called Louis R. 12597. He was sired by Mark Hanna 11375 and his dam was Pansy I. 19888 by Chester 10709. This boar was first prize pig under six months at Iowa State Fair in 1901 and is the sire of the highest priced pig and highest priced Chester White litter ever sold. There are nine litters in the herd by this boar. Pocahontas 10631 by Tenderfoot 6999, dam White Rose 11592 by See Me Win 6533. The get of this boar won the highest honors at the World's Fair in St. Louis, Indiana, Ohio, Kentucky and Ohio State Fairs in 1903, also first at Pan American, first and championship

at New York and Michigan State Fairs in 1901, and was a litter mate to grand champion sow at World's Fair. Pocahontas is the sire of three litters. Lack of space forbids further details regarding this good herd. Breeders looking for herd boars or show stock will find what they want in this herd and should write at once for prices and descriptions of stock offered for sale. The writer representing The Homestead, who recently inspected this herd, is pleased to recommend it to our readers. Messrs. Hardin will be pleased to have breeders visit their herd and make selections as per the advertisement on page 21 of this issue. Kindly mention The Homestead when writing.

A VISIT TO H. C. DUNCAN'S MAPLE HILL FARM.

It was the pleasure of a representative of this paper last week to visit Maple Hill Farm, owned by Mr. H. C. Duncan, of Osborn, Mo., where Short-horns are given full sway. The broad acres, the fine pastures, the comfortable home and the kind hospitality that is extended to all who visit there are characteristics of those who have good stock and breed good stock for the pleasure as much as the profit there may be derived from the business. Maple Hill Farm comprises some 1,100 acres of as fine Missouri land as the sun shines on. The pastures are stocked with Mr. Duncan's favorite breed—the Short-horn—and for thirty years or more he has bred and developed a type of Short-horn that cannot fail to impress the visitor as being a good type to tie to. In the Maple Hill pastures are some 200 head and at a glance the visitor sees that a past master at the breeding business has been working there. Uniformity prevails to an extent that is pleasing indeed. The easy-keeping sorts are to be seen on every hand and while Mr. Duncan has never been known as a color crank, yet his herd is practically all red with now and then—and only now and then—a rich roan to break the monotony. From these 200 head Mr. Duncan has selected fifty head for a mid-summer sale, to be held at Maple Hill Farm, near Osborn, Mo., on Wednesday, August 15th. Those who are looking for Cruickshank cattle and those who want the Cruickshank-topped sort that carry from seven-eighths to fifteen-sixteenths Cruickshank blood will find them in Mr. Duncan's sale. The offering will be about equally divided as to the pure Cruickshank and the Cruickshank-topped sorts. Among them will be sons, daughters and close descendants of two of America's greatest Short-horn cows—8th Linwood Golden Drop and Rosedale Violet 3d. The former, now sixteen years old and still producing, will have a yearling son in the sale that is of the kind so much sought after and so seldom found. He is not the only outstanding bull proposition Mr. Duncan will sell, but of these more will be said later. In females an extraordinary lot will be sold. They have been selected with the one idea of selling only such animals as will go out to other good herds and stand as a credit to the herd from which they came. Mr. Duncan has issued a neatly-illustrated catalog, all illustrations being made from photographs, and it is his desire to place one in the hands of every person interested in good Short-horns. In next week's issue the advertising will start and more will be said of the offering. It might be well to write him today to put your name on his mailing list. Should you do so, kindly mention this paper.

ERSCHEN'S DUROCS.

One of the good herds of Duroc Jerseys in Illinois is owned by Mr. Frank Erschen, of Odell, Ill. He has been breeding Duroc Jerseys for a number of years and has constantly improved his herd by careful selection, close culling and numerous additions from the best herds of the breed. At the head of his herd he is using Comet 25965, he by the noted prize-winning and breeding boar, Gold Finch 7549, now heading the well-known herd of Mr. Harry Riggins, of Petersburg, Ill. The dam of Comet was Daisy Paul 57390, she by Oom Paul 7545. Boars of this breeding are hard to find, which individually of the correct type as is Comet, descend from such noted boars. About one-half of the spring pigs are sired by this boar and they are a very good lot, many of the boars fit to head herds. Another boar used in the herd is Long Duke 42898. He was bred by Mr. J. D. Nidlinger, of Decatur, Ind., and is a son of the noted boar, Longfellow (now dead). His dam, Bright Star II., by Echo King, is also the dam of Hanley, the first-prize boar at Indiana and Ohio State Fairs last year and now heads the well-known herd of Messrs. McNeil Bros., of Bowen, Ill. This boar resembles Hanley in many respects, having a good head and ear, well-arched back, plenty of bone and stands on the best of feet and legs, is unusually growthy, yet combines smoothness and quality. A boar of unusual merit is found in Frank's Choice 35801. He is a son of Stoner's Improver 22641, he by Echo King 18415 and his dam Daisy Muller 37548 by Patbinder is one of the best sows ever owned by Messrs. T. W. Stoner & Son, of Henry, Ill. Frank's Choice is a litter brother to Fashion Boy, the boar now in use by Messrs. E. H. Deal & Son and Mr. Fred Schweizer, of Elwood, Ill. Both these boars are of the quick-maturing, easy-feeding sorts and have produced much good stuff to be found in the herds of Messrs. Erschen, Deal & Son and Fred Schweizer. The sows in this herd are of the prolific families of the breed. A very good litter is out of Rose O'Grady S., she by All O. K. 20803 by He's A Hero 11743. This litter was sired by the grand champion boar, Tip Top Notcher, and consists of four sows and two boars, all fit to go into any herd. A litter by Roland, boar now used by Mr. Ed. A. Baxter, is out of Lady B. 95780, she by Buddy K. IV, champion boar at Illinois State Fair, and her dam was by Tip Top Notcher 71202. There are three boars and three gilts in this litter, all good ones. A good litter of ten by Comet is out of Bashful Lou 89020, she by None Such 13219 (the sire of Hanley), dam Maud Muller 17386 by Sensation. A good litter by Frank's Choice is out of Lady Fashion 60656 by He's A Hero 11743, dam Gay Lady 22792 (A.), an International winner shown by Messrs. T. W. Stoner & Son. A choice litter, in fact thought to be the best, by the writer, representing The Homestead, who recently inspected the herd, is out of Mary Roberts 89022, she by He's A Hero 11743 by Broad Back 7481, dam Hattie Roberts IV. 26753 by Iowa Tom 8085. This litter is sired by an excellent boar of Mr. Erschen's own raising, Just One, he by Odell Boy by

BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

"A boy can run it"



See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.

39 Fargo Street, Batavia, Ill., U. S. A.

60 Bushels Winter Wheat Per Acre.

THAT'S the yield of Salzer's Red Cross Hybrid Winter Wheat. Send 2c in stamps for free sample of same, as also catalog of Winter Wheat, Rye, Barley, Clovers, Timothy, Grasses, Bulbs, Trees, etc., for fall planting. John A. Salzer Seed Co., La Crosse, Wis.

TOO LATE TO CLASSIFY.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big I Am and Hambletonian, the two 800 lb. boars assisted by Proud Advance and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by big I Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free delivery. Fall sale Oct. 28, bred sow sale Jan. 30, 1907. Manlove Bros. & J. H. Norris, Bowen, Ill.

A SQUARE DEAL FOR ALL.

I HAVE a few Duroc fall boars left that will be priced right. Also royally bred spring pigs sired by such boars as Ohio Chief. A full brother to Crimson Wonder doing service. Red Chief I Am, Billy K., Red Reuben, Higgins Model. Will price right. F. Alldritt, Friend, Nebraska.

BARGAIN Sale Offerings. I will make living prices on my royally bred herd of spring pigs. My Durocs represent blood of Improver 20, Ham's Challenger, Bezdek, and many more of note. If you want size and individuality, write me. My spring crop will number over seventy head. For further information write me at Saronville, Neb. F. A. Ham.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A's Choice Goods. Write at once.

F. A. STRONG,

ORIENT, IA.

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordon & Dunn, Central City, Ia. Maine Valley Stock Farm.

King Wonder, Odell Lady by None Such has a good litter by Comet. We have briefly reviewed some of the good litters to be found in this herd. Mr. Erschen will be pleased to furnish prices of anything which he may have for sale and invites inspection of his herd. His prices are reasonable and his stock represents some of the best producing and prize winning herds of the breed. Write him as per the advertisement on page 23 of this issue and plan to visit his herd and make your own selections. In writing please mention The Homestead.

BROOKSIDE POLLED DURHAMS.

We wish to call the attention of our readers this week to the well-known herd of Polled Durhams owned by Mr. F. A. Murray, of Mazon, Ill. Many of our readers are already familiar with this good herd, having purchased stock from Mr. Murray. He has tried to produce the type which has won fame in the leading show rings of the country, and that he has been successful is clearly demonstrated upon inspection of his herd. The most essential point in any herd is uniformity of type, and by the use of good bulls and the careful selection of females he has been successful. His present herd bull is Orange Knight, an Orange Blossom by the former herd bull, Brookside Knight. The dam of this bull was Royal Marshal, he by Royal Victor. Orange Knight is a nicely-made bull, having plenty of length, good spring of rib, nicely-turned quarters, with good level lines. Brookside Knight, his sire, was a remarkable breeder and many of the best things in the herd were by him. A full brother to Orange Knight, a year younger, Orange Knight being just two years old, is also of the same good type. Some breeder wanting a good herd bull should not overlook this calf. A September calf by Brookside Knight, of the Rosemary family, is also offered for sale. A

\$145.00 STEEL BALER
14x18 FULL CIRCLE

F. O. B. Quincy. The greatest value ever offered in a baling machine. Large feed opening, power head which gets baling machine out of every pound of horses' pull, quick rebounding plunger, allowing two charges to be ejected from the team, and brake device which relieves team of any jerk from the rebound, makes it easier for men and horses and capacity greatest. Our book (sent free on request) quotes records of over 18 and 20 tons day after day with the same men and horses. Our press weighs 2,600 pounds. Some others weigh only 1,500 pounds. Is it any wonder such presses are continually breaking down and require constant expense for repairs? Send to your order with draft and we will ship at once and guarantee as represented or money refunded.

15 TONS A DAY

GEORGE ETEL CO. QUINCY, ILL.

good bull calf of the Gwynne strain should attract the attention of discriminating buyers. His pedigree reveals ten straight crosses of polled ancestors, an exceptional pedigree to be found in few herds. Another young bull of exceptional merit is the twelve-months calf by Brookside Knight called Glen Prince. His grandsire was out of a Gay Monarch cow and his ancestry was rich in the blood of the famous Spartan Hero. Prince Snow-down is another good young bull by Lord Basterday. His dam was a half sister to Brookside Knight, being sired by Idle Knight. Of the ten young bulls Mr. Murray is offering for sale all but two are from six to twelve months old and the other two are yearlings. They constitute an offering worthy the attention of discriminating buyers. The heifers in the herd are an equally good lot, including the Orange Blossom, Victoria and other fashionable families. Mr. Murray will be pleased to have anyone in need of a good herd bull inspect his herd and to those who cannot do this, he will furnish prices and descriptions of any stock which he may have for sale. Mention The Homestead when writing.

A GOOD HERD TO SELECT FROM.

The good herd of Durocs owned by Mr. William Sutter, of Liberty, Neb., are doing nicely. Mr. Sutter tells us that our medium sold all of his stock last year and expects us to do so again. The Sutter herd is one of the best in Nebraska. The owner is a reliable breeder, as well as being posted on pedigrees and individuality. He showed the writer several letters from his customers and we must say that this gentleman has pleased all. The class of Durocs placed on the market by this man are strong individually and show signs of usefulness. The crop of spring pigs will number over 100 head, of which fifty are sired by the great Nebraska Wonder by Crimmon Wonder. This animal is one of the best breeders to be found among the breed. His get show his same size, finish, bone and vitality. Nebraska Wonder was sold last winter to Mr. Chester Thomas, of Waterville, Kan. Mr. Sutter had the use of this great hog until December 1st. Several very promising herd headers are noticeable. One litter of special note is out of Queen Marion 2d. This litter affords five strong boars that will please the best breeders in the business. One boar in the litter is an outstanding pig. He should be shown by all means. He has all that is needed to make him noticeable, having size, length, deep body, strong, wide back and plenty of bone, with a good set of feet. The entire lot of boars are good. The other boar doing service in the herd is Billy K. 2d by Billy K. and out of Van's Lady by the great show hog, Van's Perfection. This boar is very good, being of good size, neat head and ear, good back and legs and all in all a good one. His get are very good. Mr. Sutter has several very fine fall sows sired by Nebraska Wonder that are very strong. He intended to show these at Nebraska, but has changed his mind, owing to the extra work. The herd of aged sows are worth the price of admission. They are uniform and all good mothers. The crop of spring pigs will bear out these statements. The herd represents the blood of Crimmon Wonder, Liberty Jim, Billy K. and several more of note. The sow, Bertha H., by Czar Roberts and out of a Liberty Jim dam, is the same animal that won second in the same class with the great Nebraska Belle. This sow is a good, strong animal in her present age and could stand to be shown and not be disgraced, either. Queen Marion 2d by Tom Thickset by Glendale is the dam of some of the best spring pigs. Last, but not least, is the fall boar sired by Nebraska Wonder. This animal is of good size and will please many men in search of a hog. He comes from a good family. This boar is now offered. The entire lot of spring pigs are very thrifty and we would suggest that you get interested early, as the demand will be far more than Mr. Sutter can fill. Look up his advertisement on page 20 and write for prices. Remember, you get a square deal. Mention this paper.

WALKER'S POLAND CHINAS.

The writer representing The Homestead recently inspected the Poland China herd owned by Mr. T. W. Walker, of Mazon, Ill., and found the herd in excellent condition. Mr. Walker is a good judge, feeder and fitter of swine. He has for a number of years been breeding thoroughbred swine and has made it a careful study. The experimental stage has long since passed and the pigs which he has and is offering for sale deserve a place in the best herds of the country. His herd boars are of the large, heavy-boned type, quick maturing and especially good breeders. The get of these boars combine uniformity, size, growth, quality, style and finish. His principal herd boar is Big Perfection 101953, he by I Am Perfection 2d 69165 by I Am Perfection 49035. He is a full brother in blood to Chief Perfection 2d. He has an excellent head and ear, full heart girth, well-sprung rib, with nicely-arched back, wide loin, deep, full hams and stands on extra good feet and legs. At the age of five years he hasn't a wrinkle in him, but is as smooth as a pig. Three good litters are sired by this boar. The other herd boar is Cyclone Perfection 95269. He, too, is of the large, heavy-boned type, but has plenty of style and finish. He needs no further recommendation than his get. They are very fancy, yet have the growth and size which the breeder of today demands. He was sired by Beauty's Perfection 67397 by I Am Perfection 49035, dam W's M. Q.'s 2d by Elder Joe 74605. Three litters are sired by this boar. Another boar just a year old is Pluto. He is a half brother to Cyclone Perfection, being sired by Beauty's Perfection 67397. He is an excellent breeder, has a very fine head and ear, good back, extra length, plenty of style and finish and stands on extra good feet and legs. It should be stated that there is not a poor-footed pig of any age on the farm. Some breeder looking for an extra good herd boar can find what he wants in Pluto. Considering his breeding and individuality, Mr. Walker is pricing him at a very reasonable figure. A very good litter by Cyclone Perfection is out of Walker's Daisy 23952, she by Jumbo King 84557, dam Eden Daisy 2d by Chief Armour 55335. A fine litter of March pigs by Cyclone Perfection is out of Miss Aristocrat, she by Cantrill's Perfection. A herd boar could be found in this litter. One of the best lit-

ters seen by the writer this year is sired by Big Perfection and out of a sow called Adelaide Perfection 23845, she by Beauty's Perfection. This cross has proved an excellent one and the litter is especially good. Mr. Walker has some very good fall gilts and yearling sows which would do for show purposes, and breeders who visit him will have an opportunity to secure first-class stock from his herd. He ships out nothing but good stock, culls closely and in every way treats his customers as he would like to be treated. Write him for prices and other information regarding his herd, kindly mentioning The Homestead.

LAURIE'S DUROCS.

Nearly every breeder familiar with the good herds of Duroc Jerseys is acquainted with that owned by Mr. T. E. Laurie, of Jacksonville, Ill. A review of the sale reports of the past season will show that Mr. Laurie has been one of the best buyers of the year. He has always bought what he considered the best and has not been slow to appreciate the good ones. At the present time he is offering a number of good fall boars, strong, vigorous fellows ready for service, at \$25 each in order to make room for his spring pigs, the best he has ever raised. Several of these fall boars are sired by Buddy's Perfection 45755, he by Dutchman 13295 (A.) by Sensation 7393 (A.), dam Buddy Beauty 34318 by Buddy T. 10799. Most of the lot, however, are sired by He's Our Pride 29031 by I Am Perfection 28801 by the \$2,500 boar, Kan't Be Beat 28067, dam Our Pride 71242 by Top Notcher 23335. The breeding of this boar should suit the most fastidious and when individuality is considered, as well as breeding, as it should always be in the selection of a herd boar, some of the fall boars the get of He's Our Pride will certainly please. This boar is also the sire of many of the spring pigs. A number of the spring pigs are sired by Buddy K. 20855 by Buddy T. 10799, dam Hyde's Beauty 25412. This boar is a litter brother to Buddy K. IV., the first prize and champion boar at the Illinois State Fair, 1905. Two very good spring litters are found in a sow by Buddy T., the litter by Mayor Jr., first-prize yearling boar at Illinois State Fair, 1905, and a sow by Mayor Jr. with litter by Gold Cloud, the first-prize and champion boar at Illinois State Fair, 1904. Another good litter which should attract the attention of breeders is by Mayor R. and out of a litter sister to the sows which won first as produce of sow, second prize young herd and second prize young herd bred by exhibitor at the Illinois State Fair, 1905. Mr. Laurie secured this sow in the Fagan, Browning, Hess & McCabe sale and she has produced him a fine litter. Mr. Laurie will price spring boars, as well as fall boars, but is reserving his gilts for public sale. He deserves the patronage of every Duroc breeder and his stock is of the kind that pleases. Write him for prices and other information, kindly mentioning The Homestead, as per the advertisement on page 23 of this issue.

MAPLE GROVE CHESTER WHITES.

It is with a feeling of confidence that breeders will appreciate good stock that we call attention to the Maple Grove herd of Chester Whites owned by Mr. Ernest L. Mear, of Neponset, Ill. The writer has inspected many of the leading herds of the breed and is pleased to make the statement that in his opinion Maple Grove herd compares favorably with the best. Mr. Mear has been a careful student of pedigree, is a good judge and has selected only such stock as would in his opinion produce the type of Chester Whites which are demanded by the best breeders and farmers. The principal herd boar in use is Prince O. K. 15609 by Jerry S. 13167 by Mike 11977, dam Yum Yum by Model 10163 (N.). This boar is the sire of practically one-half of the spring crop of pigs. He was second at Illinois and Iowa State Fairs, 1905, and first at interstate fair at Sioux City, Iowa, and at Michigan State Fair last year. Individually he is of the show-yard type, has an excellent head and ear, one of the best pairs of eyes the writer ever saw in a Chester White hog, is full in heart, has nicely-arched back, well-sprung rib, wide loin and an extra good, deep, wide, full ham, and stands on the best of feet and legs. His get have the good characteristics of their sire; several of them will be found in Mr. Mear's show herd this year. Mr. Mear has a number of very good fall boars for sale by Billie A. 14147. This boar was sired by Oskaloosa King 11821, dam Queen Medium 2d 10484. This lot of fall boars contains several of the herd-header sort and any breeder wanting something good should write Mr. Mear at once. A good lot of pigs are found in the herd sired by Fisher's Medium 14705, he by Perfect Medium 13841, dam Pet 6th 11760. Mr. Mear sold this boar to Mr. E. J. Brouhard, of Colo, Iowa, who was so well pleased with him at the Illinois State Fair that he bought him, Mr. Mear reserving the right to breed a few of his sows to him before shipping. A very good boar which should go to head some good herd is Fisher's Medium II. He is of strictly show-yard type, hard to fault anywhere, and if properly fitted this season should be well up in the money. He is by far one of the best boars seen by the writer this year and we are pleased to recommend him to any breeder wanting a herd or show boar for this year. The sows in the herd have been of the prolific, profitable families, of show-yard type. A fine litter of six is by Prince O. K. and out of Lady Perfection. This sow won first under six months at the Bureau County Fair in 1904 and was in first prize yearling herd at same fair in 1905. Bureau County Fair is the strongest hog show outside of the state fair in Illinois. Iowa 2d 34394, the second-prize under year sow at World's Fair in St. Louis, by Oskaloosa King, has a fine litter by Fisher's Medium. Pride of Maple Grove 34324 by Ellsworth 10041, dam Lily 16320, has a good litter by same boar. Wisconsin Queen 2d has a litter of ten good ones by Billie A. Lack of space forbids mention of all litters in the herd, but we wish to emphasize the fact that but few herds afford the buyer such a good lot of pigs to select from, both as to individuality and breeding. Mr. Mear will pay express on all stock shipped before September 1st. He is deserving of the patronage of every reader of The Homestead interested in Chester White swine. Write him your wants as per the announcement on this page, kindly mentioning The Homestead.

Model Herd Chester Whites



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Gonda 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

MAPLE GROVE CHESTER WHITES.



I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium. 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not at all. Ernest L. Mear R.R.1, Neponset, Ill.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions. D. H. LEWIS, GENESIO, ILL.

KERR'S

O. I. C. 'S

I AM now offering boars that are rich in the blood of the champions Kerr Dick and Big Mary. It is the blood of this pair that made my December sale average \$49.35 and my April sale average \$64.95. Herd headers among these. Write me.

O. L. KERR, INDEPENDENCE, MO.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All boars are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kelter Fisher Live Stock Co., P. O. BOX X, HASTINGS, NEB.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not at all, at farmer's prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

7 O. I. C. male pigs of Jan. farrow, very lengthy. Also pigs of March and April farrow. Chas. W. Nebergall, Davenport, Iowa.

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices, F. Ruebush, Good Hope, Ill.

CHOICE CHESTER WHITE MALE PIGS of April farrow from registered stock. R. I. Red poultry. M. A. Guilan, Webster City, Iowa.

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AM selling for the best breeders in the United States the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312.



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EACH TUESDAY THIS YEAR THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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OUR spring crop of Chester Whites representing 5 families, good as there is in the U.S., although few in numbers, are extra good in quality. Up to Aug. 1, we will ship C.O.D. and prepay express. 12 fall gilts, bred, for sale.

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A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

ROCKFORD herd of Chester Whites and O. I. C. Swine. I have a few yearling and tried brood sows that will farrow in June and September. These are choice sows. I am also offering orders for March pigs. Some exceptionally fine herd headers among the lot. Will price them worth the money. Write for prices, etc. JNO. CRAMER, BEATRICE, NEB.

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CHESTER WHITES. Pairs and trios not at all. Ship nothing but the best. Satisfied customers. Write for descriptions and prices. N. A. RANCK, NIOTA, ILLINOIS

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At Geneva, Nebraska, on Tuesday, August 7th.

I will sell fifty head of by far the most superior Short-horns that have ever been included in one of my auctions. They consist of fifteen bulls and thirty-five cows and heifers, twelve of which are Scotch. Two good show herds are cataloged, and included is the grand breeding bull, Bapton Gloster 213104, and eleven of his get of grand show yard character. The tops of the herds of I. W. Baughman, Edinburg, Ill., and C. H. Giller, White Hall, Ill., I was fortunate in securing. I have inspected the animals for this auction and they are absolutely good. They are also exceedingly highly bred, the most famous sires and families being represented and I would be pleased to mail catalog to all admirers of the Short-horn.

At Grand Island, Nebraska, on Saturday, August 11th.

Some fifty head of good, useful Short-horns will be auctioned. The bulls will number some seventeen head and are from eighteen to twenty-eight months old; good, strong ones, with scale and substance. The females include a few Scotch cattle, but they are mostly Scotch topped.

Edward N. Hurley, Wheaton, Ill., is dispersing his herd and includes sixteen of his best cattle on this occasion. His herd bull, Diamond Jim, a son of the noted Imp. Bapton Diamond, is cataloged.

Other consignors are Riley & Caswell, Albion, Neb.; F. C. McCutcheon, Holstein, Iowa; B. B. Dean, Glenwood, Iowa.

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10 Angus Bulls 10

For Sale

10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS, GREYSTONE PRIDES and other females by such sires as BLACK JAM 3D 30709, IMP. ABERLOUR 41201, BELL'S ECLIPSE 3D 57424, QUOQUE 46102, LEON ARTIST 33619.

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BLACKBIRD the first prize yearling bull at the World's Fair heads the herd composed of the best families of the breed. We invite you to see them on Springdale Stock Farm joining this city.

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OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullocks, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

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IF Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones, Pride, Queen Mother, Favorite, etc. Our herd bull, Proud Blackcap 39946, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice cows and heifers cheap. Twenty years breeders of Doddies.

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ABERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address,

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10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old. Will sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Kothnie Queens, etc. Address,

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ROSENGIFT HERD ABERDEEN ANGUS.

QUALITY Laddie and Keilor Victor 3d heads herd. Cows in calf, young bulls and heifers for sale. Farm near town. We will treat you fair. Write us. Rosenfeld & Siverly, Kelley, Story Co., Iowa.

12 Head Aberdeen Angus Bulls For Sale

Of the Blackbird, K. Pride, Trojan Erica and Queen Mother families ready for service. Will be priced right. Herd headed by Prince of Pilsen 59249, weighing 2020 lbs, and as active as a cat, sired by Cranewood Black Knight 39477, sold at the Miller sale for \$2,000. Address, WHITE BROS., PERRY, IOWA.

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STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275. J. Nissen, Meservey, Cerro Gordo County, Iowa.

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HAVE received 250 head since September, 1905, 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

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OLDEST Jack Farm in the United States, has for cash sale reasonable, 40 registered black mammoth jacks and juvenets. It was Ray's jacks that sired the greatest number of big mule winners at the World's Fair, St. Louis. J. C. Ray, Proprietor.

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IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home-bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

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POLAND CHINA HOGS.



MATCHLESS PERFECTION.

30 FALL BOARS 40 SPRING BOARS

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy and Correct I Know. Write us at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.

THE JOE YOUNG HERD POLAND CHINAS.

25 FALL BOARS (Great big lusty fellows. Sired by Mass Chief, My Price, Matchless Perfection Jr., Oakland's Prospect, T's Tecumseh and Perfect, a grandson of Corrector. We can fill your order. Address,

YOUNG & DUNCAN, MADISON, NEBRASKA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterpriser and Nemo 1's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

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THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE, IOWA STATE COLLEGE, AMES, IOWA

40 Poland China Sows

AGED and tried sows, fall yearlings and spring gilts, all bred and safe in pig to Chief Perfection 1st 48029, Challenger 81225 and Prince Charming 93281 no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice like boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old. J. L. Slick & Son, Lanark, Ill., on C., M. & St. P. R. R.

FOR SALE.

10 CHOICE old sows, bred to Iowa Perfection 102717 to farrow from July 20 to Sept. 10, will weigh from 300 to 500 pounds and heavy bone. George Regentlitter, Bennett, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. GEO. E. PATCH, Blandinsville, Illinois.

ESCHER'S BIG POLAND CHINAS.

WILL be ready about July 15 to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch. E. F. Escher, Manning, Iowa.

LEST YOU FORGET.

WE are looking orders for Poland China spring pigs to be shipped in August. They are sired by 7 great boars and out of dams that are as good as grow. Write describing your pig and price. A. C. LANIHAM, BATTLE CREEK, IA

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one. DR. H. PRITCHARD, - WISNER, NEB.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneeda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me. W. N. Booth, Danbury, Iowa.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Doble, and Blain's Tec. Everything guaranteed a breeder. Robt. J. Peckham, Pawnee City, Neb.

Hamilton's Royally Bred Polands.

MY last sale averaged over \$50. My type is the hog-men's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money. L. W. Hamilton, Kearney, Neb.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dum Imp. May Blossom by Prince of Archers. Also some young stock. C. F. Itobe, Jesup, Iowa.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo 1's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall. Jno. J. Schmal, Sutton, Nebraska.

TRIGGS' Big Polands. My herd is headed by Ma-

for M. 31527, the great boar that has a combination of great size and quality, and has proven a great breeder. Both his sire and dam will weigh over 1,000 pounds. He also will weigh 1,000 pounds in show condition. When you want a good, growthy pig, write your wants. J. R. Triggs, Dawson, Neb.

WALNUT GROVE Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapin, Pawnee City, Nebraska.

FOR SALE, some bred sows and gilts for August and September farrow, also early spring and fall boars all from leading strains. Good individuals with plenty of bone. These are bargains for anyone. Everything as represented. Priced so any farmer can safely buy them. Address, C. C. Drake & Son, Terre Haute, Illinois.

PATENTS ORWIG & LANE, DES MOINES, IA. Send sketch or model of invention for free opinion as to patent ability. Reference, Ia. Homestead

SPECIAL ANNUAL Niagara Falls, N. Y., Excursion, THURSDAY, AUGUST 16, 1906, VIA

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RATE \$3.50 for the round trip from Peoria. Return limit twelve days, including date of sale. Stop overs will be allowed on the return trip at Westfield, for side trip to Chautauque Lake points. Tickets will be honored on C. & B. Line steamers in either direction between Cleveland and Buffalo. Side trips to Toronto, Thousand Islands, Montreal, etc. Special fast train of first class coaches, standard and tourist sleepers, will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

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Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts at exceptionally low prices on October 24, although I have received tempting offers for them at private treaty. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,

GEO. W. SECKMAN,

RIPLEY, ILLINOIS.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 25793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 199830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 4417 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH.

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HICKORY HILL DUROCS.

A FEW extra good, fall gilts bred to Double Track and Fashion Boy for summer farrow, for sale at reasonable prices.

E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

DO YOU NEED A BOAR OR SOW?

WATT & FOUST, of Cedarville and Xenia, Ohio, proprietors of Cedar Vale and Miami Valley farms, the home and birthplace of more world's fair Champion Duroc Jerseys than all others combined, can furnish a number of fall pigs, both sexes. The blood of Top Notcher 23335 and Knut Be Beat 23667 predominates. This is the blood that tells in the show yard, the sale ring and feed lot. Boars in service, Knut Be Beat (world's fair prize winner), I Am Perfection, Golden Itule, Veribest, and Top Notcher's Last. Are now booking orders for fall pigs of either sex. Write for prices and descriptions, mentioning this paper.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd leader type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger Tokio Paul, and other boars of note. We call closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906. Kindly mention Homestead when writing.

Oak View Durocs

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale a choice lot of January boars sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. My price on best boar is \$100, the next best at \$75 and one at \$50. Am booking orders for spring pigs. J. COY. ROACH, GIRARD, ILL.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,

A. B. Easter & Sons, Fremont, Neb.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,

A. E. POUCH, - - CHARITON, IOWA

40 Duroc Jersey Boars 40

SIRE by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired.

E. Z. RUSSELL, BLAIR, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd leader sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts we sell. Write today. P. A. Kruse, Waco, Neb.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.

W. J. East & Son, Clay Center, Neb.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale, sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices.

H. B. GRIFFITHS, BOWEN, ILL.

Ten Choice Gilts

BRED to Junior Jim, 1st prize yearling boar at last Nebraska State fair, for April and fore part of May farrow. Better write at once as these won't last long. Will also sell Long Alix 34291 and Dandelion 25457. Austin Renshaw, Blair, Neb.

E. E. ETTER, UTICA, NEBRASKA.

BREDED of up-to-date Durocs. 2d Surprise's Redeemer and son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Red Crimson Herd of Durocs.

I HAVE some good gilts of October farrow, that weigh 200 lbs. which are all right, that will be sold at reasonable prices. Some choice Scotch Collie puppies from trained parents. E. C. Norris, Dows, Ia.

Maple and Lawnsdale Duroc Jerseys,

HOME of Big I Am, Veribest and Proud Advance. 100 little fellows have arrived and we are booking orders for pigs. They are sired by such noted boars as, Big I Am, Tip Top Notcher, Perfection, Chief and several other herd boars. Have a few fall males left. White Wyndotte and White P. Rock eggs for sale from pens scoring 94 points and better. Also Scotch Collie puppies. Come spend a day with us and see what we have; free livery. Fall sale Oct. 26. Bred sow sale, Jan. 29, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

L. E. Thomas, Golden, Ill., R. E. Hogsett, Iowa. L. Prairie, Ill. Ambition 37641, 1st prize boar Illinois State Fair, 1905, heads herd. At 15 months of age weighs 500 pounds after doing heavy service. 300 spring pigs, the get of such noted boars as Ambition, Tip Top Notcher, grand champion boar at World's Fair Big I Am, first prize boar at Illinois State Fair, 1904; Kruger Again, Buddy K. IV, champion boar at Illinois State Fair, 1905, and other noted prize winning boars. Our pigs stand on best feet and legs. We are now booking orders for spring pigs. Stock guaranteed as represented. Inspection invited. Correspondence solicited. Address, Thomas & Hogsett, Golden, Illinois.

JOHN M. MORRISON & SONS' HERD OF DUROC JERSEYS.

HIGHEST auction average. Owners of the celebrated sweepstakes show sow Bessie H. and the sensational Alix II. Many other prize winning and producing sows among which may be mentioned Miss Bob, Village Pride, Sutton Lady, Van's Lady, Lady Top Notcher, etc. Seven Ohio Chief litters growing. Six fall boars for \$25 each. Boar sale October 16, 1906.

COLLEGE VIEW, NEBRASKA.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,900 litter, and Lib C. 87204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springville, Linn County, Iowa.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY G. WARREN, INLAND, NEB.

THE \$410 sow, Ding Nicely. I have decided to offer some of my choice spring pigs sired by my herd boar Aethelred by Tip Top Notcher. Others sired by Ohio Chief, Morrisons' Bell Top. Sows represent the blood of the great Crimson Wonder, and Aethelred. Some promising pigs will be priced to sell. Fall sale will be held Oct. 15th. A. Wilson, Bethany, Neb.

DUROC JERSEYS FOR SALE.

I HAVE for sale 65 to 70 bred spring Duroc gilts out of Buddy K IV 20881, first prize and Champion winner at Illinois State fair, 1905. Bred to Italian 37255, as good a yearling hog as walks today. Write for catalogue. Rhode Island Red Chickens. Ed. A. Baxter, Pawnee, Illinois.

FAIRVIEW DUROCS

Am offering a few choice fall males and gilts. Write me if you want good ones nicely bred.

J. B. DAVIS, - - Fairview, Kansas.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd leaders. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

HILLCREST Farm Duroc Pigs. Best breeding.

At weaning either sex, \$5 each; pairs not skin. 11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

MIDLAND Durocs. 60 pigs for the trade. Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. S. J. Butts, Mason City, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Alameston, Iowa.

DUROC JERSEY HOGS

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding,
Macedonia, Ia.
PUBLIC SALE,
October 3, '06



At which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.

O. E. Osborn,
Weston, Ia.
PUBLIC SALE,
October 4, '06

At which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON,

HENRY, ILLINOIS

CRIMSON WONDER I AM

SOWS and gilts bred to this great sweepstakes boar for fall farrow. U. G. Davidson, Manson, Iowa.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Eds. Sow sale February 25. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS, - - - - - GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. Stock reserved for public sale August 8.

J. D. NIDLINGER,

DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

Is a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Congdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address.

Phone F-936. THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

SHELDON BROS.,

A NEW FIRM. BUT the same old herd. Our herd is rich in the blood of Proud Advance 2349, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,

Shannon City, Successors to H. C. Sheldon & Sons, Iowa.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, 1st Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

REMLEY'S DUROCS

A LIMITED number of choice pigs, bred to a son of the Junior champion sow at the World's Fair, for sale at reasonable prices. Write me at once and secure the best to be had for the money.

JOHN W. REMLEY, Lacon, Illinois.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO., LYONS, NEB.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd leader type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryan, R. R. 1., Neponset, Ill.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Major Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

Fred Kraschel & Son, Macon, Ill.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,

J. E. WEHR, PORTSMOUTH, IOWA

ULSTER PARK DUROCS

BRED sows, fall boars and gilts. I am offering a lot of young and some mature sows bred to farrow in September; few fall boars. Write,

M. M. ELMENDORF, - Lacon, Iowa.

112 CHOICE DUROC JERSEYS 112.

SIRE by Duroc Challenger's Wonder 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

PIONEER HERD DUROCS.

ECHO King 18416 and royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, Arch Brown & Sons, Waterloo, Nebraska.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance. Keep On and Addy's Choice Goods. Public sale, October 3d.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

GRANT HERD DUROC JERSEYS.

I AM now ready to book orders for delivery after September 1st. Carl Hansen, Herman, Neb.

AGENTS wanted. Send 25 cents for sample

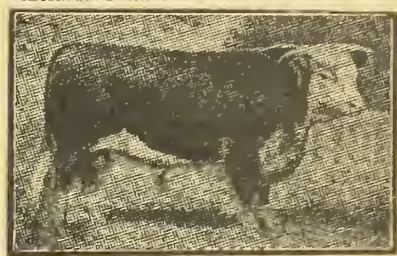
Wanted: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm.

Klinchertite Blue Stop Co., Lake City, Iowa.

Wanted: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm.

HEREFORD CATTLE.

CHOICE HEREFORD COWS AND HEIFERS FOR SALE.



Beau Brummell 4th 194318 at 10 months.

COWS bred to or have calves at foot by Beau Brummell 4th, the greatest herd bull in Iowa. Will make attractive prices to early buyers. 5 choice bull calves, herd leaders; will keep until weaned. Visitors will call at G. W. Way & Son's Hardware store in New Sharon where free conveyance will take them to farm. For particular address, mentioning this paper.

G. W. WAY & SON, NEW SHARON, IOWA

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominate in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

J. G. VON SEGGERN, R. D. No. 2, Wisner, Nebraska.

WHEELER'S TABLEBACK HEREFORDS.

BULLS, heifers and young cows for sale. Prices low, try me. New 25 foot cattle dipping tank for sale.

W. W. WHEELER, BOX H., HARLAN, IOWA.

REGISTERED HEREFORDS.

RICH in blood from the best families of the breed. Twenty bulls and a number of heifers for sale. Fine individuals. Prices low. Inquire of A. Sewell & Son, Waverly, Iowa. R. H. Sewell, Manager.

A. SEWELL & SON, WAVERLY, IOWA.

BULLS FOR SALE! BULLS REGISTERED HEREFORDS!

B. F. CLARK, ALBIA, IOWA.

HEREFORDS

10 BULLS, 25 cows and heifers at bargain prices to quick purchasers.

Edmonds, Shade & Co., Kingsley, Iowa.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabaler, Pron., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge Minstrel 5th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

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SHORT-HORN CATTLE.

CRESCENT STOCK FARM

NOW offers ten Short-horn bulls from eight to fifteen months old, Scotch and Scotch topped. Also twenty females, good useful cows and heifers. Inspection invited and reasonable prices on one or a carload.

A. L. STUTZMAN, NEW SHARON, IA.

EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. Prince Oederic and fifteen young bulls by him, all dark red, age 6 to 16 months. Come and see them. Price reasonable.

N. P. HALGREN, VINTON, BENTON CO., IOWA.

A Choice Bunch of Red Cruickshank Bulls For Sale.

YEARLINGS AND TWO-YEAR-OLDS.

ORANGE BLOSSOM, Brawly Bud, Queen of Beauty and Avalanche families. Farm telephone, M. E. SLEMMONS, R. F. D. 1, IOWA CITY, IOWA.

Cruickshank Bulls

WE have forty blacky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the Imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, Iowa.

GEO. BONEWELL, GRINNELL, IOWA:

BREEDER of Scotch and Scotch topped Short-horns, extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

Bargains in Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 239996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

SCOTCH BULLS

FOR SALE at reasonable prices, Royal Prince, three years old by Imp. Royal Robin; one two-year-old and one yearling by Baron Secret, herd headers and show bulls. Also a three-year-old Shire stallion of exceptional merit. Write for descriptions

HENRY MATERN, LOSTANT, ILL. R. R. 13

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

F. H. WIENEKE, Marion, Iowa.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

4 Good Young Short-horn Bulls For Sale.

Sired by Victor Maple 203379 he by Grand S Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

WALNUT HILL HERD SHORT-HORN CATTLE

TWENTY-EGHTH annual public sale will be held Thursday, August 16, 1906. Catalogue of young bulls for sale at private treaty now ready. It includes the pedigrees of our choice string of young bulls among which are many of the best for herd headers and farmers and ranchmen, that will be priced well within their values. City office in People's Savings Bank. Farm 8 miles northwest of city, Clive Station, on C., M. & St. P. Ry. Telephone 523. Address, Plym Farm Company, Rural Route No. 5, Des Moines, Iowa.

SCOTCH and Scotch topped Short-horn herd bulls—12-year old Brawly Bud red bull, 1 yearling Wimple bull. Both herd headers. Will sell or exchange my herd bull Wimple Royal 241400. Best bull I have used. I have too many of his sisters to use to good advantage. Also 5 extra good Scotch topped bulls at farmer's price. M. D. Yard, Crawfordville, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 151231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

A SMALL HERD OF SHORT-HORNS FOR SALE INCLUDING my Cruickshank herd bull Red 1 and 145102, and 10 or 12 cows and heifers. These are bargain if taken soon. Write me quick. DELMAR McCANN, Kenard, Nebraska.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

Wildwood Short-Horns

ALL REDS AND DEHORNED

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Montrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wimpum of Wayside, the new herd bull we have purchased at a long price, to breed Sittytown Sort heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

SHORT-HORN BULLS

WE have seven head of choice bulls for sale. Two straight Scotch, five Cruickshank-topped. These bulls are from eight to fifteen months old. Solid reds, good individuals, big vigorous fellows. Will be priced cheap. Call on or address,

Ruebel Bros., Rockwell City, Iowa

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawly Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 123543 and Imp. Lord Mount Stephen 208904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS, NEWTON and BAXTER, IOWA

Pike Timber Herds and Flocks

Short-horns, Shropshires, Poland-Chinas and R. C. Brown Leghorns. T. A. DAVENPORT, Belmond, Ia.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY S HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149530 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick. J. D. McDERMOTT, ANITA, IOWA.

DISPERSION SALE

OF RECORDED TROTTING Short-horn Cattle.... Bred Horses.....

Walnut Ridge Stock Farm

One Mile West of Carrollton, Mo., Wednesday, August 8, 1906.

50 Head Scotch and Scotch Topped Short-horn Cattle of good blood lines. 50 | 23 Head high class Trotting bred Horses, sired by Norberry 23743, rec. 2:17 1-4 and Alora 2:09 3-4. 23

SAMPLE PEDIGREE. SERAPHINA VOL. 44.

Dams.	Sires.	Breeder.
Imp. Simplicity	Got by Imp. Master of the Mint 99462.....	W. S. Marr
Surname	Cumberland 46144	A. Cruickshank
Surmise	Pride of the Isles 35072	A. Cruickshank
Superb	Champion of England 17526	A. Cruickshank
Splendor	The Czar 20947	A. Cruickshank
	Lord Sackville 13249	A. Cruickshank

This Cow and seven of her Descendents go in the Sale.

The offering comprises forty cows and heifers and eight bulls, including the herd bull, O. C. 179769, by Maxwell 121984, a Cruickshank Duchess of Gloster, sired by Blue Valley Duke 2884809. O. C. possesses the intensified blood of Double Gloster 55406. The cattle are a good, useful lot, from the old established herd started at Walnut Ridge Farm, by the late Jerre Turpin, over thirty years ago. They are sired by such bulls as Imp. Master of the Mint 99462, Grand Victor 115752, Orange Baronet 120377, Lavender Duke 177277, Percy Waterloo 116708, Bick's Barrington 110970, etc., and embrace such families as Imp. Simplicity, Rose of Sharons, Desdemonas, Adelades, Princesses and Duchess of Sutherlands. They are heavy milkers and beef producers.

A cordial invitation extended to all lovers of good Short-horns and horses. Horses sell at 10:00 a. m.; cattle sell at 1:00 p. m.

For catalog of cattle or horses, address

GEO. L. BELCHER, CARROLLTON, MO.

Harry Graham, Jas. W. Sparks, R. L. Harriman, Auctioneers.

SHORT-HORN CATTLE.

WOODLAND

SHORT-HORNS

IMP. First in the Ring and Choice of the Ring bulls in service. Special inducements to buyers of females. Some choice young bulls for sale. Correspondence solicited. Address,

W. I. WOOD, Williamsport, Ohio.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, ILL.

WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAWES & SON, HARLAN, IOWA

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice spring gilts bred. A few spring boars. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom, by Prince of Archers. Also some nice bull calves. C. F. ROBE, JESUP, IOWA.

WALNUT GROVE Short-horns and Poland Chinas. Clear the Way 231432, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as Junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42558, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 43th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

ELM GROVE SHORT-HORNS

AND POLAND CHINAS. Lavender Viscount 2d heads our herd of Short-horns. A few choice Poland Chinas full males and gilts for sale. Write your wants

ISAAC NOVINGER & SONS, Kirksville, Mo

Pleasant Dale Stock Farm.

ED. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farm.

SHORT-HORN CATTLE.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

RED POLLED CATTLE.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. 'Phone 1203.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11343, at \$100 each, and Chicago Joy at \$200. C., M. & St. P. and Rock Island Rys. Address,

G. W. Sharp, Marble Rock, Iowa.

POLLED DURHAM CATTLE.

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won fifty prizes at the Iowa, Nebraska and Kansas State fairs this fall, including twenty-one firsts and ten sweepstakes.

L. G. SHAYER, KALONA, IOWA.

D. S. Polled Durham Bulls.

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VOL. LI. NO. 30.

DES MOINES, IOWA, JULY 26, 1906.

WHOLE NO. 2558.

THE EFFECT OF IN-BREEDING ANIMALS.

"We have always claimed that the average individual had better let the practice of in-breeding animals alone, though we have never denied the virtue there is in the practice providing it is carried on intelligently. Some time ago Mr. N. H. Gentry, the noted Berkshire breeder, of Sedalia, Mo., presented a paper before the American Breeders' Association, in which he said:

Nether inbreeding nor the reverse will be a success unless matings are made with animals suited to each other, that is, having no weakness in common, if possible, and as much good in common as possible. This, in my opinion, is the key to success in all breeding operations, and success will come in no other way. In my opinion, inbreeding as a rule is very good or very bad. If you intensify the blood of animals that are good, you do good, but if they are bad, you go wrong as fast or faster than you go right in the other case. If it is true that inbreeding intensifies weakness of constitution, lack of vigor, or too great fineness of bone, as we all believe, is it not as reasonable and as certain that you can intensify strength of constitution, heavy bone, or vigor, if you have these traits well developed in the blood of animals you are inbreeding with? The latter is certainly my belief and experience.

The fact that some of the notable animals that Mr. Gentry has produced have been the result of very close inbreeding indicates the possibilities for good associated with the practice. In too many instances, however, inbreeding is resorted to simply as a matter of convenience, being commonly based upon a question of economy. We have known instances where, in order to avoid purchasing a new sire for the herd, a young animal closely related to all the females in the herd was used, when as a matter of fact everything in the herd had decided weaknesses. One instance comes to mind where poor feet was the common characteristic of the sows in the herd. A related male was used and he was not perfect in this regard. As a result the poor-foot characteristic seemed to be absolutely fixed with this one cross. The whole crop of pigs in this case were weak-footed from the start, and one could tell even when the little pigs were less than a month old that their pasterns were weak. It was a case where inbreeding intensified the undesirable characteristics.

As to whether or not inbreeding lessens stamina, men differ in their opinions. Darwin himself was of the opinion that close inbreeding in large animals, and notably in the case of pigs, is followed by evil effects, which may lead in some instances to sterility, loss of vigor or other detrimental effects.

We again repeat that we indorse the practice of inbreeding in the hands of the intelligent breeder, but state emphatically that the novice had better resort to the use of sires that are not closely related to the females in his herd.

RELATION OF AGRICULTURE TO OTHER OCCUPATIONS.

The latest year book of the department of agriculture contains an interesting contribution from the chief of the division of foreign markets, Mr. G. K. Holmes, on the causes affecting farm values. On the relation of farming to other occupations the author says:

The rapid development of manufacturing, transportation, and merchandising, or professional, personal and domestic service, and of minor vocations, with a sustained export demand, is supporting good prices for the farm products of this country. The non-agricultural vocations have made such heavy demands for labor that farm workers are not so numerous as to cause overproduction. Since the making of raw products of food and

clothing chiefly constitutes farm industry, and since the consumption of each of these two classes of products is subject to only a limited change per capita of the total population, high prices of lands necessarily require that there shall not be too large a percentage of total population engaged in agriculture, and the non-agricultural population must be prosperous so as to pay justifiable prices for agricultural products.

The balance between country inhabitants and townspeople now seems fairly well adjusted, so that there are good wages in the non-agricultural pursuits and reasonable remuneration in farming. Good prices for farm products and the absence of an oversupply of hired labor promote the continuance of the nation's homestead plan of family-sized farms, one of the important social successes that this republic has placed before the world.

Free popular education, secondary schools, higher institutions of learning and of re-

today are better provided with the comforts and luxuries of life than ever before, and even though the margin at the end of the year is no larger than it was when products were cheap, no one will deny that these extra comforts do not signify a more substantial prosperity. There will be ups and downs in our prosperity in the future, but unquestionably we have now reached a higher plane and agriculture is today on a more substantial basis than ever before.

SENSIBLE USE OF DISINFECTANTS.

In no branch of knowledge has farmers made greater advancement during recent years than in that which pertains to the

doubt millions of bushels of grain are fed annually in the corn belt that might be saved if sensible precaution were taken against this pest. The stations have found, and thousands of practical farmers have found that a good coal tar disinfectant will destroy lice. We have ascertained that by spraying hog and poultry quarters and by spraying or dipping occasionally it is possible to entirely stamp out these pests.

A swine breeder recently remarked that he used disinfectants every ten days or two weeks, his object being to kill the lice before they were hatched. We know of many instances where an expenditure of a very few dollars for a good disinfectant would have saved hundreds of dollars' worth of feed.

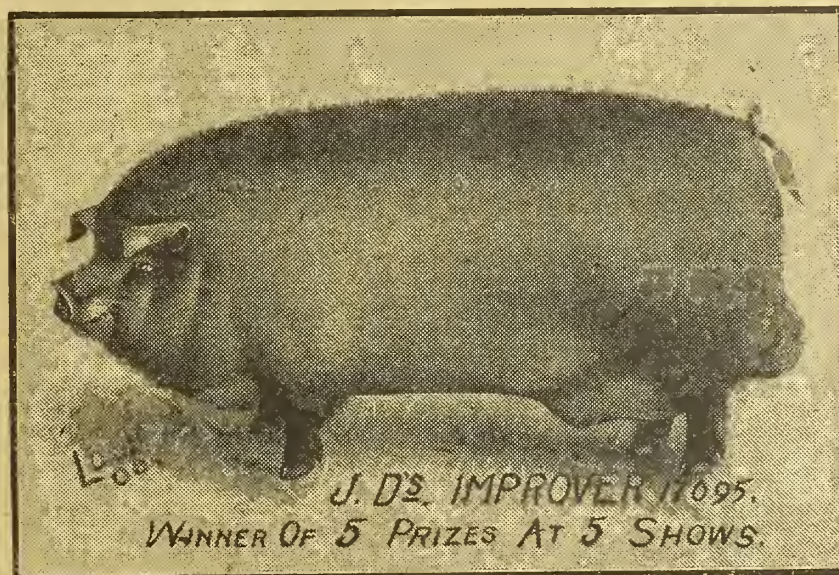
When it comes to wounds, such as wire cuts, kicks, bites, etc., the coal tar product is the thing. There is nothing miraculous about the effect of these products on a wound, because, as stated before, germ life is destroyed and nature is given a chance to effect her own cure. When it is considered that a gallon of the coal tar product as it comes from the manufacturer will make all the way from fifty to 100 gallons when it is ready for use, it must be forced home to us that the cost of keeping animals' quarters free from disease, and in addition the skin clean and devoid of parasites of all kinds, becomes an insignificant matter. We can do our readers no greater service than to repeatedly urge them to get into the habit of keeping a good coal tar product on the farm at all times.

KEEP THE OLD SOW OVER.

There will be a strong temptation to market the old sow this fall on account of the high price of pork. Many are of the opinion that their hog business is more profitable when the sows are turned off after raising a litter or two and the breeding stock chosen from the youngsters. In this way one gets rid of the expense of feeding the old sows during the late fall and winter months. The young ones must be fed fairly well in any event, whether they be intended for breeding purposes or for the meat market, and it certainly is the most economical from the feed standpoint to let the old sows go and fill the breeding pens with young ones.

We do not favor this practice, however, even under present conditions. Of course there will be plenty of sows in the corn belt this fall that are worth \$25 or \$30 each for meat, and where fifteen or twenty old sows are kept over it is true that some capital is tied up in them. Nevertheless we believe in the fixed policy of keeping over the best old sows. Select those that bring through a good litter of uniform pigs. There is no question but what the old sow will raise more pigs, and raise them better, than a young one. Furthermore, by continuing the practice of breeding from mature sows it will materially contribute to keeping up stamina and constitutional vigor.

There is a growing belief among many swine men that the reduction in stamina of certain breeds is not so much due to the practice of inbreeding as it is to the mistake of continually breeding from young stock; that is, from young sows and from young males. Some of our best breeders have found that by using mature stock always, and by inbreeding sensibly they can fix desirable characteristics only in this way. If anyone would take the time to examine any good pure-bred swine herd he would find



J. D's Improver, second-prize boar at Indiana State Fair, 1905, included in the forthcoming Duroc Jersey sale of Mr. J. D. Nidlinger, of Decatur, Ind., to be held Wednesday, August 8th. See field notes.

search devoted to non-agricultural pursuits, along with governmental assistance in promoting marketing at home and abroad, are building up the non-agricultural classes and thus helping to enlarge home markets and raise their purchasing power for farm products.

In still another encouraging way rural schools, agricultural colleges, experiment stations, departments of agriculture, and inventors are enlarging and strengthening the technique of farm management, enabling the farmer to produce more from the acre and more per worker, and building up a class of farmers who not only produce a living, but also substantially increase their capital and its productiveness.

A careful reading of the above extract will reveal the fact that after all the scarcity of farm help when properly interpreted is not wholly an evil. Even in spite of the introduction of machinery that lightens labor on the farm, it is a fact that many who naturally fall into the farm help class have been drifting to the city. This really takes them out of the ranks of the producing class and places them among the consumers. Of course when the scarcity becomes so marked that men cannot save their crops the reaction shall have then gone too far, but in the meantime the wise farmer will plan his affairs so as to reduce to the minimum the amount of labor that must be employed.

Many are deploring the fact that wages on the farm have gone beyond the point of reason, and land owners in many instances claim that the margin of profit in spite of the brisk prices which farm products are bringing is not so large as when land and labor were cheap. We are not of this opinion. Farm homes

character of germ life. In reality, most stockmen are today bacteriologists, and if not graduates in the science, they are making a creditable showing as students.

The signs of the times are read along these lines by the increasing use of disinfectants. Scratches, wounds, skin diseases and various other troubles are not difficult to handle when it is understood that some kind of germ life is usually the seat of the trouble. Let the germs be removed without producing harm to the tissue and nature immediately makes things whole.

No doubt the future will develop new uses for disinfectants, but at present we know enough about their application to materially lessen much of the loss that was formerly expected among live stock on the farm. All animals have their enemies and few plants are exempt. It is the animal and its troubles that we are specially interested in when we undertake to discuss the value or use of farm disinfectants.

We have in mind the coal tar products, as these have been indorsed by our experiment stations. These disinfectants are peculiar, inasmuch as they are deadly to germ life and at the same time are not irritating to the skin if properly applied. A weak solution of carbolic acid might in some instances perform the function of a coal tar product, but the danger is that while you get at one seat of trouble you more than undo the work by setting up other forms of irritation.

The louse is one of the greatest enemies of the farm animal, and without

that the owner believes in the plan of breeding from mature animals. While the man who raises hogs for the meat market has a radically different object in view, yet we believe that the same principles apply and that the profits in the end will be larger when the plan of keeping the old sows as long as they are able to raise large and uniform litters is enforced.

ALFALFA AND HOW CAN WE KILL IT.

BY RICHARD STOLLEY, HALL COUNTY, NEB.

In reading the various farm papers I see many articles about seeding alfalfa, but so far have failed to see anything in the line of giving advice regarding a sure way to kill it, if it has to be done. We have had alfalfa on our place as long as I can remember—nearly thirty years. At first it was a small piece, just for experiment's sake. Finally we sowed about nine acres on good soil and had it well manured before sowing. The result was immense crops, as high as four cuttings; and, really, the worst feature was to harvest the crop so often, since it came just as regularly as clock-work. It actually stood in the way of alfalfa, for I asked one of our neighbors, who had very little hay, why he did not sow alfalfa, and all he could answer was: "Well, I have to harvest it too often and I haven't the time to do it."

We did not sow more of it until we got more improved methods of handling it, and we have had as high as fifty to sixty acres on a 160-acre farm here at home. Some fields run out in about ten years. Our plan is to then plow it up. The first thing you learn is to have a very sharp plow, and it must have a strong cutter bolted to the share, being long enough to reach well through the sod. Then if you have three good horses you are fixed out. A riding plow that we tried was thrown out too easily or pulled too hard. Others had the same experience, and the old reliable fourteen or sixteen-inch walking plow fills the bill best. We plowed some of it quite early in the spring and after harvesting the oats we had a wonderful stand on the field in the fall. All the inconvenience the clover had was to take a little time to start work at the crown and start sprout at the other end; that is, the root end.

I do not know of any other plant that is not a weed that has this peculiarity. Planting corn on alfalfa sod cannot work well because the roots are so tough that no cultivator will be able to cut them, and since burning don't make any difference, it only has a tendency to start roots and sprouts at both ends at the same time. This is, of course, only possible in a wet year. Now, we tried late plowing in the spring; that is, let the clover get up to about six or eight inches. We had a chain on the plow and disked and harrowed it well, and to kill it sure, put in millet to smother it. We intended to raise seed from the millet, but the crop got too heavy and we cut it for hay. After putting it up I saw very little alfalfa signs and went home contented that all was dead.

Some nice rains came on and soon I noticed from our house, since I did not go to that corner of the farm in between, that all of it was green again, and sure enough, there was a comparatively good stand and the sprouts showed quite a bit of vigor. This surprised me. I had no time to plow right away and having a large harvest of bot-

tom hay, I did not go to the field for three weeks, and when I saw it again it was just about ready to cut. I actually did cut and harvest it and it was well worth the time it took us to do the work. The next plowing and disking, of course, thinned it out, and especially as dry weather came just right to assist in killing it.

All this made it clear to my mind that we did not find the right time to plow alfalfa, so the next time I tried it still later; in fact, it was almost in bloom, and, being a wet year, there was little difference in the result. This year I waited the second time for the alfalfa to come up a foot high before plowing it back and drilled in sweet corn, and now I can hardly see any difference on parts of the field. It is sprouting all over nicely and I should not wonder a bit that if I commence to cultivate the corn next week I will have to report that there are young roots at both ends and the sprouts are at the center. Alfalfa is a blessing to this country.

HEALTHFULNESS OF AMERICAN MEATS.

Secretary Wilson, of the department of agriculture, under the direction of President Roosevelt, has recently prepared a statement for publication, the object of which is to repair as much damage as possible that has been done the cattle and packing industry of the country during the past month. The statement is as follows:

American live stock is the healthiest in the world. The great ranges of the West produce herds of cattle in which the percentage of disease is remarkably small, and the federal government is steadily reducing, by approved scientific methods, this small percentage. The inspection of the animals before and at time of slaughter has always been thorough. It is true that the department of agriculture has heretofore lacked the power and the money to provide for an efficient supervision of sanitation and the methods of preparations of canned meat food products.

The legislation which has just become effective provides the department of agriculture with an adequate law and with ample money to carry it into force. Supervision and inspection will be extended from the pasture to the package. The federal stamp upon the can will be a guaranty not only of the healthfulness of the animal, but also that the product was prepared in sanitary surroundings and with the addition of no deleterious chemical or preservative. Any meat food product bearing the government stamp will be fit for food.

With this law in operation it may be accepted as a fact that for healthfulness and purity the prepared or canned product will compare favorably with the fresh meat of the United States, which is and always has been the finest in the world.

The new law is comprehensive, the means for its enforcement are ample and its execution will be thorough. People at home and abroad may use our meats in confidence.

As nearly 90 per cent of the meat produced in this country is consumed by the American people, it is very important that some practical steps be taken, and taken quickly, to establish the confidence of our own people in the meat products turned out by the packing concerns that are under government inspection.

In spite of all that has been done by vegetarians to demonstrate the practicability of getting along without meat, the fact still remains that we are a meat-eating nation, and without doubt men who are engaged in the production of meats can count upon its extensive consumption in the future. With the \$3,000,000 now available for inspection work and with the department fully in sympathy with the terms of the new law, it is but reasonable to expect that all the harm that has been done by the findings of the committee that investigated the packing houses will be wiped out and greater confidence than ever established in the wholesomeness and healthfulness of American meats.

NEW VARIETIES OF GRAIN.

A Kansas farmer who operates a large tract of land is reported to have grown 700 acres of wheat this year from seed newly imported from Russia. The prospects among other farmers of Kingman county indicate that wheat will run from fifteen to twenty bushels per acre, while the new Russian wheat gives every promise, as the reports say, of yielding thirty bushels per acre. As a result of this the entire crop has been sold at \$1.40 per bushel.

This might profitably be made the text of an important sermon. Although it has been demonstrated that Russian winter wheats are adapted to the wheat-growing sections of the corn belt, at the same time many a man has been led astray on account of his desire to experiment. We have seen instances

where grain imported from Russia gave at least twice the yield of the ordinary crop of the locality the first year, and yet in the course of three or four years this promising record was more than wiped out. We believe that nineteen varieties out of twenty brought to this country from Europe or from the British Isles are inferior to our own varieties. Most of them hold up in yield and in quality for a year or two, but in the great majority of cases they very rapidly degenerate afterwards.

Of course there is nothing to prevent any farmer from importing his own seed if he chooses, but we would advise the average man to allow his experiment station to bring in and try out this new seed. Even the station should grow a variety three or four years before making any attempt to distribute the seed among farmers.

It may be that owing to the peculiar character of the climate in the corn belt it will always be necessary to invigorate our small grain crops by importing new seed, at the same time we strongly favor the plan of improving what we already have. In the past we have received many good things from the old world, but along agricultural and horticultural lines we apparently have enough foundation material, and the day has arrived when our stations should undertake to permanently improve what we already have.

Our experience in growing European and Asiatic grains leads us to suspect that some of the growers who sow the product of the 700 acres referred to might be sadly disappointed in the outcome next year. It is to be regretted exceedingly that grains so frequently act in this manner, but so far as we know there is no help for it.

DESTROYING ALFALFA.

Elsewhere in this issue will be found a communication from Mr. Richard Stolley, of Nebraska, in which the problem of killing out alfalfa is discussed. Evidently, Mr. Stolley has had more than his share of difficulty in trying to kill out this useful plant.

Now that the subject is opened up we would like to hear from those who have been successful in killing this crop without an extravagant expenditure of labor.

Hauling Hogs in Hot Weather.

To the Editor of The Homestead:

I see in your paper of recent date an article telling how to haul fat hogs in hot weather. I have had a good many years of experience in that line of business, having kept generally from 150 to 200 head of all sizes.

As did the editor of "Echoes From a Kansas Farm," so did I—always sort out the fat hogs the evening before the day of delivery, having them in a pen adjoining the loading chute. I made several slatted hog racks sixteen feet long, using 1x6 cypress boards for the slats for sides and ends. The bed sills were made of 2x8 cypress. The floor was also made of cypress 1x6's, laid tight. The side slats were securely nailed to stout oak standards made to fit in iron loops bolted in the bed sills. The slatted sides were built with cracks or spaces about four inches wide, the height of the sides and ends being about four feet. Made in this way the sides could be taken off part at a time. The whole rack when set up was bolted together by ordinary wagon rods.

Each rack was divided into two compartments by having one slatted partition made the same as the ends and sliding down between cleats on the sides and then bolted through by wagon rods. This middle partition keeps the hogs from piling up in one end of the hog rack as they are apt to do if there is no partition. On the top of the rack I used a wagon seat, so that the driver could ride in comfort. If the weather was very hot I used a slatted cover on the rack, over which I placed a little hay and thoroughly wet it down. Do these things and you will have good ventilation, shade and dripping water on the hogs.

With these racks I have hauled heavy hogs in the middle of the hottest days and delivered them in good condition after a six-mile drive. When these racks were not in use as hog racks I used them as hay racks, by having a platform laid on the bed sills and secured to them by means of short standards placed in the iron loops on the bed sills. In the form of the hog rack I have

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Just send your name and address. Our book explains everything—how you can try the "No Risk" Lightning Arrestor FREE. Or send us \$2.00 and get the complete arrester. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One man sold 15 one day. Another 35 in 5 days.
"Edith Sutton, Le Russell, Mo., was instantly killed May 31st by lightning while talking over country phone."
"Forty country telephones were burned out at Beatrice, Neb., in an electrical storm June 6th."
"Ahner Hosking, Norway, Mich., was struck by lightning June 6th while standing near his country phone."
"Atlantic, Iowa, June 24.—Lightning played havoc with the rural phones in all directions."
All could have been prevented by using "No Risk Lightning Arrestor."
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used it for hauling land tile or larger loads of corn than could be gotten on a common wagon box.
Z. T. Postlethwaite.
Neosho county, Kan.

CHICAGO AND RETURN
On August 4th, 5th and 6th, the Chicago Great Western Railway will sell special round trip tickets from Des Moines to Chicago and return at rate of \$3.00. Tickets will be first class in every respect and have limit for return of August 15th. For full information, apply to E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.
The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

YELLOWSTONE PARK.
A splendidly arranged all expense tour to Yellowstone Park and return leaves Chicago August 4th, under auspices of the tourist department of the Chicago, Union Pacific & North-Western Line. All expenses of the journey included in the initial cost. All arrangements for hotels, train schedules, checking of baggage, etc., are arranged in advance. Write for itineraries and particulars to S. A. Hutchison, Manager, 212 Clark St., Chicago.

DEMOCRATIC STATE CONVENTION, WATERLOO, IOWA.

For the above occasion The Chicago Great Western Railway will sell tickets to Waterloo and return at rate of one fare for the round trip, tickets on sale August 6th and 7th and having limit to return of August 9th. Further information from E. J. Sawyer, C. T. A., Des Moines, Iowa.

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Several hundred thousand farmers say that the best investment they ever made was when they bought an
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Low wheels, wide tires; easy work, light draft. We'll sell you a set of the best steel wheels made or your old wagon. Spoke united with hub, guaranteed not to break nor work loose. Send for our catalogue and save money.
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Farm Furrows

Turned by a Practical Farmer.

He plows best who plows last and oftenest.

A rain in the ground is worth two on the hay in the windrow.

The auto driver and the farmer exchange compliments—each thinks the other a hog.

Everything comes to him who hustles while he waits for sunshine and rain to help his crops.

We are too prone to attribute our crop failure to some defect in nature and that of our neighbor's to his laziness.

Cement immigrated to this country many years ago, but we are just getting acquainted with him. He has come to stay.

A man who has not farmed in one of the eastern states can scarcely understand the damage that timber squirrels and crows can do to growing corn.

In building a cellar wall an air space is just the thing needed and it costs less than material to fill it. Jack Frost don't like an air space in walls, for it keeps him out.

I once paid \$2 for the privilege of testing a curculio proof plum tree. When it came into bearing I found that the curculio was as fond of it as any I had. I charged up \$1.50 to credulity.

Some of our leading orchardists are learning back into ancient history to learn what they can about the new seedless apple. Isn't that queer—looking into ancient history for new things?

There ought to be a brisk demand these days for the old-fashioned bacon our forefathers used to make. "The old-fashioned bacon, the uncanvassed bacon, the well-smoked bacon our dads used to make."

Judging by the prices good cattle and hogs are bringing at the present time the packing house investigations are not killing off the business very fast. Just old canners, that's all, and who cares for them any way?

I am not a great fellow for revenge, but I would like to have some of these talkative institute workers in the hay mow this warm weather so as to see if they can work as well as they can talk. Wouldn't it be fine?

The up-to-date farmer is not a miner of the soil, digging out wealth, afterwards abandoning his farm, but he is a manufacturer. The miner always leaves a location as soon as it is worked out. Not so with a farmer who is onto his job.

Someone has said that "weeds grow while we are making hay." Yes, that is true if they are there. Some men are so well equipped with help and teams that they can keep up a weed killing warfare while haying is not disturbed in the least.

Burn over the old strawberry bed and row it in some way. Plow out so as to leave rows about ten inches wide every three feet, then harrow it down, so new rows will be formed. By pursuing this plan a bed can be made to last a year or so longer.

There were so few potato bugs this year on my potatoes that I did not resort to the usual custom of greening them, but gathered them by hand, shaking them into a pail and destroying them. It is somewhat of a task, but I very much dislike to handle green poison.

I have a farmer friend who is a staunch believer in the dual-purpose cow. He is slightly lop-sided in build, one shoulder being higher than the other. I asked him recently what made him so crooked and he said that when he was a boy his father kept two cows, a little scrawny dairy cow and a big Short-horn. He always carried the milk from the Short-horn in his right hand and the other cow's milk in his left. That's why his right shoulder has been lower ever since. The father finally sold the little cow and bought another

Short-horn, so that the younger boys are all as straight as a string.

The pure food bill that went into effect on the 4th of July gave bologna sausage such a jolt that all the dogs in our neighborhood are moving about on one ear, so good a time are they having.

A farmer in one of the western states advertises in city papers that he will engage himself to "haul automobiles out of the mud at reasonable prices." This is a new vocation, and probably could be made a profitable one.

The observing city girl was heard to say to her uncle while recently on a visit: "What is the use of all the pure food agitation when the farmers scatter all that manure on the land they are preparing for green corn?" Oh, my, the dirty dirt!

I have tried all kinds of methods of cutting clover for seed and I am not particularly impressed with any of them. The harvester with the binder removed makes a very good way if the clover is not too short. A buncher attached to the mower seems to be as good as any other plan.

While watching some barn swallows recently I observed that they caught innumerable flies. They followed after my team in the harvest field and would swoop down and catch the flies that were pestering the horses. There are not enough of them. I never disturb their nests on the sides of the barn and inside on the rafters.

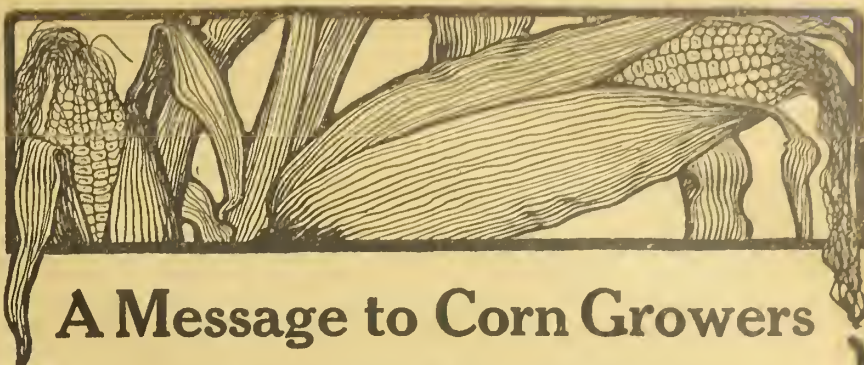
The man who puts off making his clover hay until it is ripe is reaping the harvest of his mistake. He not only has a lot of hay that is lacking in value, but he is taking some of the vitality that should be there for perfecting the coming seed crop. Some farmers make ripe clover hay and then wonder why they can't get a crop of seed.

The man who is denying himself the use of a low-wheeled wagon is shooting wide of the mark. He brings upon himself some very heavy lifting that should be avoided. A man ought not to lift anything heavy that he can raise in some other manner. Back oil appears to be cheap when a man is tender in years, but when old age comes it may be needed.

How many hands does it take to keep up the shocking after the harvester? It depends on the hands and the condition of the grain. One good hand is better than four poor ones, even though he does not keep up. A sturdy son came home on his vacation from the city in harvest time and without any effort at all kept up the shocking of oats that yielded forty-four bushels per acre. He's a husky lad and not one bit afraid of work.

When hay has been put in the barn in a damp condition nine out of ten persons will leave the doors of the mow open so it will cool off. The opposite is the correct thing to do. Hay that is heating is safer and better by having the mow closed up tight, with openings, if any, at the top. The moisture in the hay will rise as vapor and will make its exit at the top, as the roof is kept hot, but in the other case it would condense at the top of the hay by the cooler air admitted through the doors.

"A farmer in western Oklahoma had a novel experience. A few years ago he built a small barn and in its construction used green willow posts at the corner and along the sides. For some time nothing unusual was noticed, but after a year he saw that whereas he had laid the floor near the ground, it was three feet above the soil. He discovered that the willow posts instead of being dead were alive, had taken root and were growing. In their upward movement they had carried the barn along. Last spring the barn was on stilts nine feet high and he put in a floor and surrounded the posts with siding, thereby making a two-story affair. There is now a space of seven inches between the new floor and the ground and the owner expects to have a three-story barn in the course of time." This reminds me of an institute worker who once told a farmer asking a question about live willow fence posts, that "the wires would have to be taken off and lowered occasionally, as the growing posts would continually raise them, and the cattle



A Message to Corn Growers

How Some Have Doubled Their Profit

There are thousands of farmers today who have succeeded in practically doubling the value of their corn crop. Formerly they merely gathered the ears; that is to say they would husk or snap the corn in the field and leave the stalks standing.

When they did that, they secured only about 60% of their crop and left about 40% to go to waste—because the ears represent only about 60% of the feeding value, while the remaining 40% is in the stalks, leaves and husks.

When our Government Experiment Stations and our practical corn experts made this fact generally known, many progressive farmers realized what it meant, and began to look around for the best means of harvesting the corn crop.

They didn't like the idea of working a whole season to raise a crop, and then harvest only about 60% of the total yield.

Then the corn machines—the binder, shocker, and husker and shredder—were perfected, and the problem of saving the corn crop was solved.

Now the corn is cut just when the ears begin to glaze, for it is well known that both the fodder and ears have the most feeding value at that time.

The corn binder or shocker enables the farmer to cut all his corn before

the stalks have had time to lose their succulent, nutritious juices.

The binder or shocker leaves the stalks in convenient form for running them through the husker and shredder.

In this way the corn grower nearly doubles the value of his corn crop, because every acre yields about two tons of stover, which in feeding value is nearly equal to timothy hay; and if you can't market your corn stover, you can market your hay, and feed the stover.

Hay will be hay this season, as there is a shortage in the crop that will be serious unless supplemented by corn stover.

This is the only way you can handle your corn crop if you wish to secure its full value. You are then operating on the same principle as the dairyman, to whom a corn binder or shocker is practically a necessity, because he makes ensilage—but you have the advantage over the dairyman—you can market the ears.

Suppose you have 50 acres in corn. There is \$800.00 in stover alone. Are you going to let that go to ruin in the field or will you get a corn binder and shredder and put that \$800.00 in your pocket?

Why not purchase the corn machines and double the value of the corn crop?

This is a proposition that is worth your careful consideration.

YOU MAY HAVE A CHOICE OF

Osborne, McCormick, Deering, Champion and Milwaukee Corn Binders; Plano, Deering and McCormick Huskers and Shredders

In each of these machines you have all the advantages made possible by the unequalled manufacturing facilities of the International Harvester Company.

The International Harvester Company owns its own timber lands and saw mills, its own iron and coal mines, its own coke plants and rolling mills, from which it produces a large percentage of all raw materials used, selecting in every instance only the best material and working it out in the best way in the above great manufacturing plants. These are advantages which no buyer can afford to overlook.

The International lines are represented by different dealers in your town. Call on them for catalogues and investigate their machines.

International Harvester Company of America, Chicago, Ill.
(INCORPORATED)

would creep under." How wise some men are!

The regular annual shortage of harvest help in Kansas appeared this year on schedule time. There is always a great deal of grain that "must go to waste" on account of scarcity of help, if we are to believe newspaper reports, but somehow or other the Kansas farmer gets a hump on himself and does the work without loss.

Not long since it was my pleasure to pass a man in the road who was driving a team of large horses. He stopped to rest on a hillside and I stopped to look at his team. I observed that the backbands of his harness were made of a cheap grade of webbing, sufficient only to hold up the tugs. This is his summer backband and in winter he puts on the regular backbands. I thought that was a wise plan.

Some time ago I said something about placing moth balls in hens' nests to keep away lice. Now comes a letter that some hens with a depraved appetite have eaten moth balls and died from the effects. I consulted a druggist, who tells me that the moth balls are largely composed of a coal tar preparation known as naphthalene and that it is his opinion that a hen could eat at least a dozen of them without causing any particular injury. I am of the opinion that

a healthy hen will not eat a moth ball. I have been using them for years and therefore spoke from experience.

A hay rake and a mower that have been kept in a fence corner since last year cannot do their best service. They become lonesome, dejected, run down, faded, jaded and no one should expect as much of them as they would of well-kept implements.

Take your vacation during the week of the Iowa State Fair. On the fair grounds will be found an ideal place for camping. There is plenty of shade, good water, grass and all that is necessary to make camping delightful. No better way can be found for visiting the Iowa State Fair than to drive through and camp out while there. The Iowa fair this year is the last week in August.

A cousin spent a year abroad and while he was in Paris he made an attempt to eat some snails in a French restaurant. The plate passed to him contained a half dozen snail shells of a dingy white. A slender two-pronged fork accompanied each dish. With this the snails were jerked out, the horns coming first, followed with a small eruption of gravy. He said he shut his eyes and opened his mouth and popped the snail into it. His teeth met something yielding, but tough, rather suggestive of India rubber. Yum, yum!

THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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SUBSCRIPTION RATES—Single subscriptions, \$1 a year; ten copies one year, \$10, and an extra copy to getter up of club. In clubs of one hundred or more, 25 cents a year. Single subscription three years in advance, \$2; five years in advance \$3; ten years in advance, \$5. Remit by draft, registered letter, postoffice or express money order. In renewing subscription, use same name and initials as address on paper, or explain why you change. In changing your postoffice address, send the old address as well as the new. Errors in address or failure to receive paper within two weeks should be promptly reported to the publisher.

Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

DEATH OF MARTIN FLYNN.

A brief announcement of the death of Mr. Martin Flynn, of Des Moines, Iowa, was made in last week's issue of The Homestead. While it was well known that Mr. Flynn's health was failing, yet the brief report of his career given last week in these columns was not prepared because of the near approach of death. The thought was simply to give a few items in the history of his notable career following on the event involving the incorporation into a company of his numerous business interests.

Since his arrival in America nearly sixty years ago, Mr. Flynn had lived a strenuous life. He had succeeded beyond the average of his fellows as a railroad contractor, as a manufacturer, a banker, a farmer, and notably as a breeder of pure-bred cattle. Like many another man with extensive interests, Mr. Flynn found it hard to share the responsibility with others. He was urged by family and friends to lighten his labors, but his was a life that must wear out and not rust out. A few months ago his nervous system began to show signs of strain, and the mind once so clear and forceful began to cloud. Coincident with this was a rapid weakening of physical strength, and at sixty-six Martin Flynn fell a victim to but a single indiscretion—that of overwork.

Mr. Flynn was a remarkably successful man. His worldly accumulations amount to nearly a million dollars, though this fortune is least among the monuments that are left to mark his useful life. His record as an honest, upright man will long outlive the memory of men now living. He was the true American aristocrat, the ideal citizen whose life counted for much in the church, in the state, and in the nation. His death means the passing of no common man, and in him the profession of agriculture in all its branches loses a great leader, and the ranks of Short-horn breeders has been bereaved of one of its most respected members, Mr. Flynn being a director of the Short-horn breeders' association at the time of his death.

The estate of Mr. Flynn passes down to an unusually capable family of grown

sons and daughters, and to the wife and mother whose superior talents have contributed not a little to the successful carrying out of Mr. Flynn's plans. Iowa is proud of the record made by many of her pioneer sons, but the sorrow that prevails throughout the corn belt over the death of Martin Flynn indicates but one thing; namely, that one of the greatest of her sons has fallen.

THE PROGRESS MADE IN CORN CULTURE.

A writer in the last year book of the national department of agriculture, gives a brief summary of the work that has been done in recent years by the experiment stations in improving the methods of cultivation as applied to corn. A few important points are covered in the following extract from the year book:

Experiments in the different phases of corn culture carried on by nearly all the stations have shown the advantages of frequent and shallow cultivation and have given rise to the more general adoption of this method by farmers, who are finding that their results confirm the station recommendations. By actual test the stations demonstrated that cultivating about three inches deep is likely to give better results than allowing the cultivator to go to a depth of five or six inches; and by a series of studies on the development of the root system of the corn plant they have shown the relation of the depth of cultivation to the location of the roots under the surface soil stirred by the cultivator. The advocacy of shallow cultivation by the stations, based on these results, is doubtless responsible to a very considerable extent for the more or less general substitution of this practice for the deep cultivation and root pruning so common some years ago.

When the stations were established deep cultivation of corn was commonly practiced, and the idea prevailed that culture was merely for the destruction of grass and weeds growing in the crop; but carefully conducted experiments extending over a series of years indicated plainly that frequent shallow cultivation, especially during the latter part of the cultivating season, is likely to give better yields than deep cultivation, because, in addition to a more efficient destruction of the weeds, it forms a dust mulch which conserves the soil moisture, so necessary to the plants at this period of their growth. Since then the manufacturers of implements for corn cultivation have made such improvements in this line of machinery that shallow cultivation is much more easily and effectively accomplished than it was with the old style of cultivators. Some authorities estimate that in the corn belt today 75 per cent of the farmers practice shallow cultivation.

The Illinois station has devised a method of determining approximately the chemical composition of the corn kernel by a simple mechanical examination which may be made with a pocket knife, and which enables every farmer to make an intelligent selection of his seed corn according to scientific principles of plant breeding. Methods of registration showing the pedigree of each ear produced have also been devised by this institution. The growing interest in the production of field crop seeds and the improvement of the crops, as well as the maintenance of their good qualities, may justly be ascribed to the initiative of the experiment stations.

Regarding the depth of cultivation practiced by farmers of the corn belt, it may be said that the work of the stations has been felt along that line. However, farmers were finding out for themselves that root pruning not only delayed ripening, but actually reduced the yield. When growers began to grope around for the fundamental truth of the thing the stations were able to give them results of work which indicated in which direction the truth could be found. As a result of both the experience of farmers themselves and the investigations made by the station, the old four-shovel plow has been set aside in most cases and the six-shovel put in its place. The latter does not penetrate the soil as deeply, though it completely stirs the



Poland China Barrow. Age 18 months. Weight 1,035 pounds. Fed on Iowa Stock Food Bred and owned by Peter Houw, Orange City, Iowa.

FREE To any person who has never fed Iowa Worn Powder we will send a \$1.00 package FREE on receipt of 20 cents in stamps for postage and packing. Address Dept. A.

IOWA STOCK FOOD CO., JEFFERSON, IOWA

SAVE YOUR REPAIR BILLS

Detroit Combination Tool

is the ideal outfit for making repairs of all kinds. It is adapted to every variety of use and will save its cost many times each season. Contains FORGE, ANVIL, VISE, PIPE VISE, EMERY WHEEL, DRILL PRESS, TWIST DRILL, TONGS, ETC. Every farmer should have the outfit. Get the book and see. Send for catalog No. 10.

DETROIT TOOL COMPANY, 77 JACKSON BOULEVARD, CHICAGO



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meet all demands in Hay Baling. Used over 20 years.

SIMPLE, STRONG, DURABLE, RAPID

The Best is most Profitable.

Send for Catalog showing all styles, Horse Power and Belt Power.

KANSAS CITY HAY PRESS CO., 126 MILL ST., KANSAS CITY, MISSOURI.

When writing please mention this paper.

of seed corn, it must be said that the work of the station is much in advance of farmers' knowledge. It is an excellent sign of the times, however, to find the keen interest that is being taken in farmers' institutes, corn judging schools, short courses, etc., because the result of practical experiments conducted at our stations will eventually be brought to the people and the outcome will be that larger and better crops will result.

Second Brood of the Codling Moth.

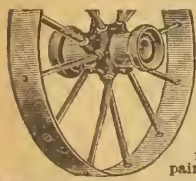
The second brood of the codling moth often does much damage to the apple crop in Iowa. In northern Iowa this brood will probably begin to hatch about August 10th and southern Iowa about two weeks earlier. Since from 76 to 80 per cent of the eggs of this brood are usually laid on the leaves it is important in fighting it that the foliage be thoroughly covered by the spray. The spraying should be done before the eggs hatch. It is best to use bordeaux mixture with the paris green, or other arsenical poison, as directed in Bulletin No. 85 of the Iowa Experiment Station.

The station horticulturist would be pleased to have those who spray their apple orchards for the second brood of the codling moth leave a few trees unsprayed for comparison with the sprayed trees and report to him the results, together with the date of treatment and the kind of spray mixture used.

Ames, Iowa.

S. A. Beach.

It is not so much a matter whether the corn has been "laid by" by the 4th of July, as it is whether it has been properly cultivated previously and how the last plowing has been performed. Some men who are well up in experience are learning some new things about raising corn. Some men have learned it all (?) and they are not as scarce as one is led to believe.



STEEL WHEELS

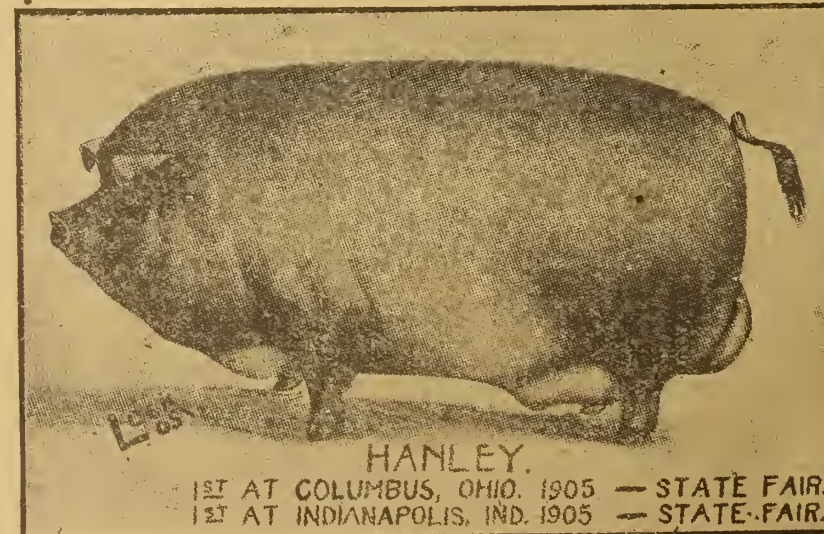
with wide tires double the usefulness of the farm wagon. We furnish them any size to fit any axle. Cheaper than repairing old wheels. Catalogue free.

EMPIRE MFG. CO., Box 103A, Quincy, Ill.

SPECIAL ANNUAL
Atlantic City, N. J., and many other seashore resorts
EXCURSION,
THURSDAY, AUGUST 2, 1906,
VIA
BIG FOUR ROUTE
New York Central Lines.

RATE \$19.50 for the round trip from Peoria. Return limit fifteen days including date of sale. Stop-overs will be allowed on the return trip at Philadelphia, Baltimore and Washington within limit of ticket. Special fast train of standard sleepers and coaches will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.



Hanley, first-prize boar at Indiana and Ohio State Fairs, 1905, the property of Messrs. McNeil Bros., of Bowen, Ill.

BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

"A boy can run it"



See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.
33 Fargo Street, Batavia, Ill., U. S. A.

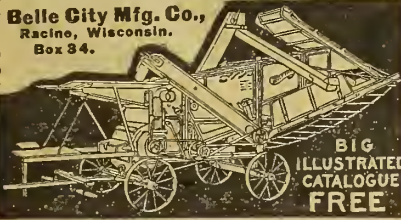
You Can Thresh

at your convenience, when the grain is ready and save stacking, save help and save grain if you use a

BELLE CITY SMALL THRESHER.

Good capacity, light, compact, durable, cleans all grains and seeds equal to any. No experts needed. Low in price. Fully guaranteed. Write at once.

Belle City Mfg. Co.,
Racine, Wisconsin.
Box 34.



BIG
ILLUSTRATED
CATALOGUE
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SANDWICH

SELF
FEED
Full
Circle
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Horse



HAY PRESS

The Baler for speed. Bales 12 to 18 tons a day. Has 40 inch feed hole. Adapted to bank barn work. Stands up to its work—no digging holes for wheels. Self-feed Attachment increases capacity, lessens labor, makes better bales and does not increase draft. Send for catalogue. Sandwich Mfg. Co., 143 Main St., Sandwich, Ills.



When you buy scales you want the kind you can depend on absolutely.

HOWE SCALES

are that kind. The Howe ball-bearing scales have stood the test more than 50 years. They are the standard scales the country over. Compound beam, steel frame, and adjustable stock rack. Write us; we'll show you the difference between the Howe and the other kind.

HOWE SCALE CO. OF ILLINOIS,
62 Lake Street, Chicago, Illinois.

CURRENT EVENTS AND COMMENTS

H. H. Rogers, oil king and business associate of John D. Rockefeller, has to pay back the sum of one and a half million dollars to the Bay State Gas Company for the benefit of the bond holders. This is the result of the decision handed down recently from the United States circuit court in Boston.

Lady Curzon, who is the daughter of Levi C. Leiter, of Chicago, died on Wednesday of last week of heart failure, the climax of a long and battling illness. The London Daily Mail, commenting editorially on her death, said: "Of the most brilliant among a large group of brilliant American women who have come to live among us, Lady Curzon combined all the intellectual force and vigor of the new world with the charm and grace and tact of the old. Much of the wonderful success of Lord Curzon's rule in India was due to his wife's quiet, but strong, aid."

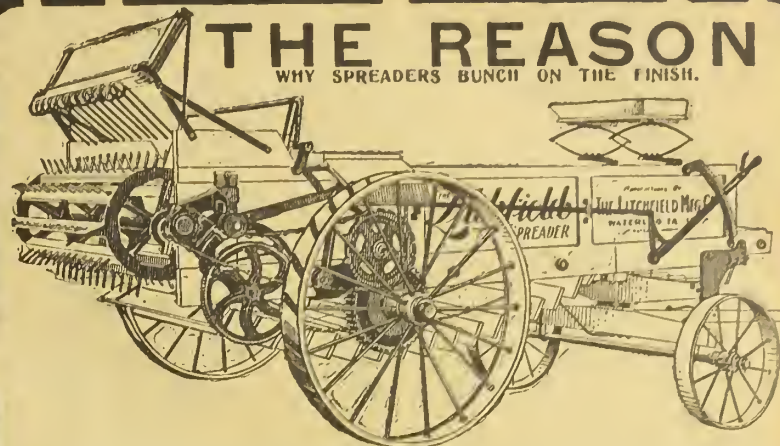
With the advent of the telephone as a factor in modern farming some of the old traditions necessarily vanish. The horn is, for instance, no longer needed to summon the workers at noon-tide. Now, Quedman, in Germany, a farm of 450 acres, besides a full telephone equipment, has an electrical churn, the barn containing electrically operated feed and carrot cutting machines, even the grindstone being turned by a small belt connected with the barn motor. A thrashing and grist mill, a saw mill and various agricultural machines (including a plow) are driven by batteries charged from substations in the fields. Two dynamos moved by a 50-horse power stationary engine furnish the necessary power for the entire farm work.

Chinese labor is to be used in building the Panama canal. The canal commission at its latest meeting on the isthmus considered the advisability of importing coolies from the far East. It seems that American working men will not accept employment as laborers in the canal zone and negroes of the West Indies have failed to render satisfactory service. The commission is therefore compelled to fall back upon Chinese and arrangements are being made to import a couple of ship loads.

A Russian commission has recommended that General Stoessel be dismissed from the army and shot for the surrender of Port Arthur to the Japanese. A formal court-martial will be held in the immediate future.

Washington, July 20.—At 4:30 o'clock, July 8th, the treasury officials began the opening of bids for the \$30,000,000 2 per cent Panama canal bonds, as announced by Secretary Shaw in a circular dated July 2, 1906. Up to noon on that day about 1,500 envelopes marked "Bids for Panama Canal Bonds" had been received.

The bonds will be redeemable in United States gold coin, at the pleasure of the United States, after ten years from the date of their issue and will be payable thirty years from such date. In considering bids, the bidders offering the highest prices will receive the first allotment. Of two or more bidders offering the same price those asking for



THE REASON

WHY SPREADERS BUNCH ON THE FINISH.

TWO WEEKS ago we explained why a tail-gate was necessary to prevent a Manure Spreader from bunching when it first begins to unload. This week we propose to explain why a following tail-gate is not necessary and why it should not be used if you wish to avoid bunching as the unloading is completed.

With an endless conveyor like the Litchfield uses, the load is carried evenly and regularly against the beater wheel and instead of throwing over the final finish in a bunch where straw and tough material is being unloaded, it finishes out regularly without this bunching. If you use a following endgate on a Spreader, this feeds the load up in a solid chunk and the last few inches is very apt to go out in one bunch because there is no more material behind it to hold it down, like there has been during the previous part of the unloading.

With our Spreader, the finishing of the unloading is accomplished without dragging it over a long distance, by simply throwing the lever back to a high speed just as the unloading is being completed. This puts everything out on the ground uniformly. By not having a following tail-gate, the bunching is avoided.

We believe we are repeating something that many of our customers are fully familiar with, but at the same time there are those who do not know this objectionable feature to the "follower" tail-gate and who do not realize the advantage of an endless conveyor, to prevent this bunching and to accomplish many other desirable results which a return conveyor cannot.

Of course, on those machines that use only a part conveyor which must be run back to its original starting point for each new load, it becomes absolutely necessary to use a following tail-gate and this is what causes the additional bunch as the unloading is completed, but with our endless conveyor this objection is avoided.

We sincerely trust that our prospective customers will investigate this question of bunching when the Spreader begins to unload and again bunching when it quits, for there is nothing more aggravating than to keep an extra man with a fork following the Spreader to do away with these bunches and get nice, even distribution. Let the Litchfield Spreader talk for itself, which it will do if you give it the opportunity.

To be continued next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

The Rue Washer Washes.

THE Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 50 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$8 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.

the smaller amounts of bonds will receive priority in allotment.

Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa Section, from the central station at Des Moines, Iowa, for the week ending July 23, 1906:

Though some high temperatures were registered during the last four days, the mean temperature of the past week was a little below the normal for the latter half of July. In the fore part of the week there was considerable cloudiness, with local showers of variable amounts. The average rainfall was much below the normal, the larger measurements being reported from portions of the northern section. As yet, however, the crops

"WILLIAMS" Write for special offer to introduce our

PUMP patented pumps. A Wooden

"No Trix" Pump made of Iron. Guaranteed.

All repairs done quickly above ground.

"To Fix" 412 Harmon St. Indianapolis, Ind.

"Williams" Pump Co., 412 Harmon St. Indianapolis, Ind.

show no signs of suffering from effects of dry weather. Corn has made rapid growth, and on the average the crop is more promising than on the corresponding date in any previous year since 1900. Good progress has been made in haying and harvesting oats and barley, and the quality of both hay and grain is reported to be better than the average of recent years. Pastures are fair, and all the minor crops are doing notably well.

CHEAP R. R. RATES VIA M. & ST. L.

Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays to Montana, Washington, etc., at one fare plus \$2.00.

Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.

Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.

For particulars call at the M. & St. L. ticket office, 512 Walnut St., Des Moines, Iowa.

EXCURSION TICKETS TO CHAUTAUQUA ASSEMBLY AT AMES, IOWA.

Via the North-Western Line, will be sold at reduced rates on two dates, August 1st and 10th, limited to return until August 11th, inclusive. Other dates of sale and limits on certificate plan. Apply to agents Chicago & North-Western Ry.

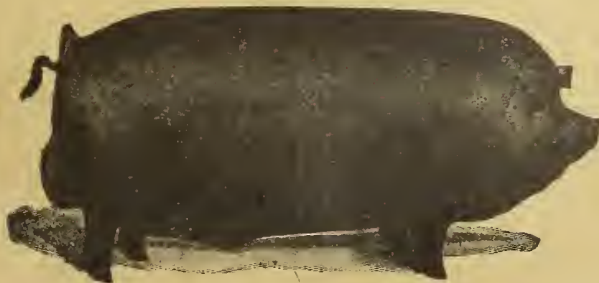
\$5.95 TO MINNEAPOLIS AND RETURN

Via Chicago Great Western Railway, account G. A. R. Encampment August 13th to 15th. Tickets on sale after August 11th. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

WINTER SEED WHEAT

62 BUSHELS PER ACRE. That's the yield of imported "Malakoff" winter wheat. This wheat was imported by us from Russia, near the Black Sea, five years ago. We have grown and sold thousands of bushels of it. It has been thoroughly tested everywhere. Is as hardy as rye. Many experimental stations pronounce it the largest yielder, surest cropper and best quality of milling wheat grown. Seed wheat circular with full descriptions of winter wheat, rye, timothy, clover and other grass seeds mailed free with sample of "Malakoff" to all who want to make a change of seed. Write today. Address, RATEKIN'S SEED HOUSE, Shenandoah, Iowa.

GINSENG ROOTS and seeds for sale. Prices low. Now is the time to order nursery stock. Address, JOHN VILES & SON, VINTON, IA.



BIG I AM 29895

First-prize boar pig Illinois State Fair, 1904, the principal herd boar at head of Maple & Lawnsdale Herds of Duroc Jerseys, the property of Messrs. Manlove Bros. & J. H. Norris, of Bowen, Ill. See advertisement on page 22.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

We have had many inquiries about the construction of reliable filtering cisterns. The Country Gentleman gives the following instructions: "The walls of cistern shown in Fig. 1 are of stone, laid in hydraulic cement. The bottom is four inches thick, of concrete, made of nine parts of gravel and sand to one of hydraulic lime, just moistened, laid on in a mass and pounded hard. The lower course of the flat stones of the wall (the footing) projects four inches into the cistern, preventing any crack. The top is covered with two limestone flags, six inches thick, resting on the walls, with a manhole at one corner, the whole so covered and fitted with cement that no insect or surface water can enter, ex-

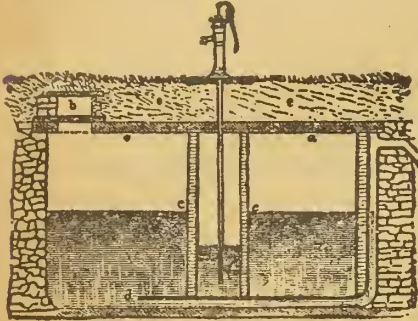


Fig. 1. Cistern for filtering—*a, a*, Flags for Cover; *b*, Manhole; *c, c*, Vertical Shaft for Filtering; *d, d*, Overflow; *e, e*, Earth.

cept through the leader from the roof. A flagstone cemented at the edges covers the manhole; and this is surrounded with a brick wall a foot high, and covered with another flagstone, made airtight with cement. This leaves a foot of confined air, and excludes frost. This is covered with a foot of earth and turfed, and the whole cistern covered with earth. The filter in this cistern is a vertical hollow cylinder of brick, two feet inside diameter, laid in hydraulic cement, and extending from the concrete bottom to the top covering, with an air-hole an inch in diameter, to allow the air to escape as the cylinder fills with water. The bricks used are good weather bricks, such as would be used for the top of a chimney. The circular form resists like an arch any sudden pressure of water against the outside. The water soaking through the four inches of brick is so well filtered that it answers perfectly the intended use. The overflow from the cistern is made so as to give an escape for the filth which comes from the roof, preventing the necessity for frequent cleaning. The leader from the roof enters at one end, and the waste passes from the other end. A channel is made of five-inch tiles across the bottom, beginning about three feet from where the entering water strikes the bottom, and thence by a brick flue against the side, four by six inches, to the over-

flow channel at top, which has a sharp descent through tiles, terminating in a four-inch galvanized pipe, with a self-acting valve at the bottom, which is closed when no water is running, thus excluding vermin. The whole channel inside the cistern is well cemented. Another plan is shown by Fig. 2. The cistern for holding the filtered drinking water is twenty-four feet deep, and the water it contains is as cold as in a well of this depth. It is arched with brick

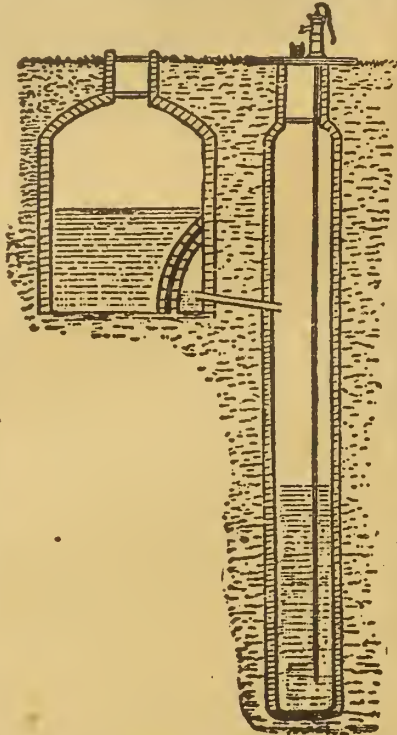


Fig. 2. Deep cistern for filtering and cooling the water.

over the top, the arch starting six feet below the surface. The cistern which receives the water from the roof is seven feet deep, and is placed at the side of the deeper one, with a pipe-tile connecting them. The filter is made of two walls of brick on edge, enclosing two inches of charcoal, the whole in a curve, with about ten square feet of surface. The water passes freely through the brick. The washings of the roof and all warm rains are turned off, and no waste pipe is required. The owner employs a chain pump, which keeps the water stirred, and plastered the cement on the smooth face of the earth, using bricks only for the arch at top."

The following extract from the *Prairie Farmer Horse Book* may be suggestive of some points to one who may own a cribbing horse: "Cribbing may be regarded as either the effect or the cause of indigestion, though it often proceeds from idleness, and from one horse imitating another that is cribbing. Place a cribber in a stall where the manger is lower than his knees, and let the lower part of the hay rack, as well as the window or air hole, be higher than the top of his withers. The arrangement of the muscles of the horse's neck and jaw is such that he can only practice the act of cribbing when these are brought into exertion at a certain leverage. Therefore, remove all protruding objects within the heights mentioned, as he can only crib when stretching the head up or down. When young horses are noticed to continually lick their manger or the wall, which generally precedes the habit of cribbing, the above arrangement should be made forthwith, and some common salt kept continually within their reach. The habit may thus be effectively prevented in the start. The accompanying muzzle is frequently recommended for use on the crib-biter. 'An ounce of prevention, however, is better than a pound of cure.'"



A homemade drenching tube is illustrated and described in the *Indianapolis News*, as follows: "Wherever a horse is, a part of the equipment there should be a drenching tube of some kind by which medicine can be given readily and safely. The bottle, generally used for the purpose, is unsafe, for horses frequently break them and cut their mouths or throats. A homemade drenching tube may be made with a little care, and will be perfectly effective and safe. First procure a large broom

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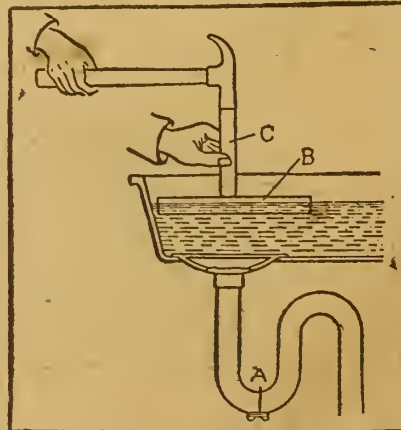
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handle or a curtain pole of rather small circumference. Bore a half-inch hole in one end, about eight inches down the pole, which should be fifteen inches long; then bore a hole in the side just at the end of the hole in the tube, and insert a funnel, through which the medicine is to be poured while the end is in the mouth of the horse. To hold the tube steadily while operating and to prevent the horse from throwing it out of his mouth, nail a small leather strap about six inches from the end and fasten a small, smooth hook to the end of this strap; place the end of the tube in the mouth of the horse and hook the end of the strap over the nose-piece of the halter. Be sure the hook is smooth and flat, so that the horse will not be injured by it. Pour medicine slowly in the funnel in side of tube."

Mr. E. E. Ayers, of Iowa, writes: "Will some of your readers give in the hints and devices department some plans for a horse power pump for pumping stock water into a tank? I have seen many articles about such power, but would like an illustration of such a device." [Will some one of our many readers give the information wanted?—Ed.]

From *Popular Mechanics* is reproduced a device for opening a drain pipe, as follows: "When a drain pipe becomes stopped up, unscrew the plug A, and



CLEANING A DRAIN PIPE.

remove the lint or other substance with a bent wire or old button-hook. If the trouble is not remedied by this operation, it shows that the stoppage is at the other side of the plug. In this case,

draw three or four inches of water in the sink, and lay a board, B, over the outlet as shown. The board should be about eight inches square and about one inch thick. Hold a stick, C, on the board, and strike the end of the stick with a hammer. The shock of the hammer blow is transmitted through the drain pipe for a distance of many feet, and will nearly always remove the obstacle."

TERRIBLE ITCHING SCALP.

Eczema Broke Out Also on Hands and Limbs—An Old Soldier Declares Cuticura is a Blessing.

"At all times and to all people I am willing to testify to the merits of Cuticura. It saved me from worse than the torture of hades, about the year 1900, with itching on my scalp and temples, and afterwards it commenced to break out on my hands. Then it broke out on my limbs. I then went to a surgeon, whose treatment did me no good, but rather aggravated the disease. I then told him I would go and see a physician in Erie. The reply was that I could go anywhere, but a case of eczema like mine could not be cured; that I was too old (80). I went to an eminent doctor in the city of Erie and treated with him for six months, with like results. I had read of the Cuticura Remedies, and so I sent for the Cuticura Soap, Ointment, and Resolvent, and continued taking the Resolvent until I had taken six bottles, stopping it to take the Pills. I was now getting better. I took two baths a day, and at night I let the lather of the Soap dry on. I used the Ointment with great effect after washing in warm water, to stop the itching at once. I am now cured. The Cuticura treatment is a blessing, and should be used by every one who has itching of the skin. I can't say any more, and thank God that He has given the world such a curative. Wm. H. Gray, 3303 Mt. Vernon St., Philadelphia, Pa., August 2, 1905."

FISHING AND CAMPING.

Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

NEW ENGLAND AND CANADIAN POINTS. The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

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Some roofing manufacturers who send you samples, will say,—this weight should last eight years—or ten years. They rarely dare go over that.

We know that Black Diamond Roofing, if given ordinary care, will last longer than any of the others, because it contains Pitch, the best waterproofing material known.

Photo above shows Western Motor Works, Logansport, Indiana, carrying 40,000 square feet of Black Diamond Roofing. Our booklet, which we mail free, shows photographs of roofs all over the country which have lasted from 10 to 25 years with satisfaction. Let us send it to you, with free Sample. Write to nearest office of

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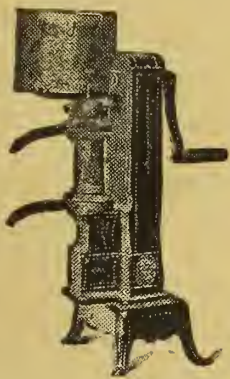
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Write today for catalog 25, and let us send you plenty of proof to back up all we say in this advertisement. Separator made in all sizes from 250 to 750 pounds. Invest one cent in a postal card and learn how to save \$100. Do it today.

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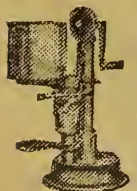
of your own good money. You will readily see how we make the great reduction in selling cost, when we tell you "there is no one between you and us," no wholesale or jobbers' commissions, no state or district agent to pay. We are Bona Fide Manufacturers.

It costs us as much to manufacture the Simple Davis, materials cost more if anything, for we use nothing but the best. Under our plan it does not cost as much to sell as it does to make, therefore our low price.

The Simple Davis has a simple 3 piece bowl made so good that it requires no balancing, consequently always in balance. The low tank is only 3 ft. 7 in. high. It's the easiest to clean, run and understand.

Our liberal selling plan is fully explained in our money saving catalogue No. 118. It's absolutely free. A postal request brings it. Remember we pay the freight and guarantee safe delivery.

Davis Cream Separator Co., 641 North Clinton Street,
CHICAGO, ILL.



How's Your Separator?

WE will take your old separator in exchange on purchases of either new or second hand machines. We also sell you direct, a good as new second hand, or a new separator, any make, cash or time and save you money. Write for list and prices.

Richmond Cream Separator Co.
Richmond, Missouri

HILLCREST FARM REGISTERED HOL-
STEINS. Sixty-five head to select from.
Bull calves your own price while they last.
Hillcrest Farm, Greenwood, Missouri

OUR DAIRY DEPARTMENT

All communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

The Cream Testing Problem.

Since the change made by the creameries of testing cream from the receiving station to the central station, many inquiries have been received regarding the proper method of cream testing.

In some cases considerable complaint has been made regarding the variation found between patrons' test and test at creamery. Some difficulty has also arisen by the difference found in tests sent to the experiment station and duplicates sent to the creamery. All such controversy is unfortunate and should be done away with if possible. There is no doubt but what a more uniform system of testing should be inaugurated, and the time is undoubtedly ripe when some state supervision should be inaugurated.

We have public meat inspectors. Why not have public dairy inspectors? These inspectors to see that the proper method is used in testing cream at the creameries, also that the cream come up to standard and be of such quality as to insure a good clean article of butter.

The Babcock test is an apparatus for finding the per cent of butter fat in milk or its products. It is based on weight by metric system, therefore the readings are in percentage.

Taking the neck of a test bottle holding 2cc and graduating it into 10 per cent, we have the base from which to figure the theory. The average specific gravity of butter fat at 140 degrees F. is .9, therefore 2cc, or the volume of the bottle neck, will weigh 1.8 grams (2x.9—.18); 1.8 multiplied by 10 would equal 18 grams, or the proper amount for a sample. Nine grams or four and one-half grams may be taken, but in this case the readings should be multiplied by two and four. For convenience in testing milk, a pipette is used to deliver the milk into the test bottle. This pipette holds 17.5cc and delivers about 17.5cc of milk, which, having a specific gravity of 1.033, will weigh about 18 grams. For cream testing the pipette is not considered accurate, because the specific gravity of cream varies greatly, due to the variable per cent of butter fat it contains.

To make a correct butter fat test of cream, the Babcock method is by far the most simple, and is exceedingly accurate when used carefully. The sample should be carefully taken, and as cream is a viscous substance, it should be thoroughly mixed before the sample is removed. A good way to mix is to pour the cream from can to can at least three times, then draw the sample. The sample should be put in a jar or bottle, so as to avoid evaporation or loss in any way. If a sample loses moisture it will give an incorrect result in the test. The sample bottle should always be filled, thus avoiding churning if sample be shipped or carried any distance. In taking the amount from the sample to be tested, great care should be taken in mixing the sample thoroughly. Then with the pipette draw enough cream to insure delivery of 18 grams or more. The samples should be weighed carefully and accurately. First, balance the test bottle intended for making the test, then add to the opposite pan of the scale an 18-gram, or 9 gram, as the case may be, weight; pour in the cream until the two are exactly balanced, taking great care not to spill on the outside of the bottle. Having the sample taken in the test bottle and about 14cc of commercial sulphuric acid and shake with a whirling motion. Put into testing machine and whirl at a speed of at least 600 turns per minute for five minutes. Then add enough water to the test bottle to raise the fat column within an inch of the top of the bottle neck, whirl two minutes more and the bottles are ready for reading. Remove bottles from tester and put in a bath of hot water, temperature at 130 degrees F. See that the water comes well up to the neck of the bottle so that it will submerge, as the fat will soon drop to the temperature of the water. In reading the butter fat, a pair of dividers should be used, space off the fat column dividing the meniscus at the top of the bottle square in the center, then drop lower prong of dividers to zero and the upper prong will give the per cent of butter fat. The meniscus is the small disk at the top of the fat column. This in a 50-per-cent, nine-inch bottle is about 1 per cent, therefore the extreme meas-

YOU GET MORE For Thick Cream

There's a chance for you to get two cents a pound more for your cream—\$4 to \$6 a year more from each cow. Creameries are commencing to grade cream—to pay two cents more a pound for No. 1 cream than for No. 2. As No. 1 cream must be thick—must contain at least 30 per cent more butter fat—you see how necessary it is, when buying a cream separator, to get one that will be certain to skim a thick cream, for you surely intend to get the extra profit No. 1 cream brings. If your creamery is not already grading cream, it probably will within a year or two. Isn't it wise to think of that, and get the right separator, when you buy? This is a sure guide when buying a separator—the simpler the separator bowl, the easier to skim thick cream. The Sharples Dairy Tubular Bowl is the simplest made, nothing inside to clog.

Cream Thick Enough To Cut

The Sharples Dairy Tubular Separator can skim cream as thick as 60 per cent—puts you on the safe side.

Gentlemen: I purchased a Tubular Separator. My cream has tested as high as 60—the richest and best that has ever been brought to the store.
MYRTLE E. AUSTIN. (Address on request.)

Remember! The easy way to get No. 1 cream is to get the simple easy-to-clean Sharples Dairy Tubular Cream Separator—the only simple separator made. Write for catalog L 121 and get our valuable book, "Business Dairying," free.

THE SHARPLES SEPARATOR CO.,

West Chester, Pa.

Toronto, Can.

Chicago, Ill.

1/4 TO 1/2 BUTTER
LOST THIS
WAY



WHICH?

Which way do you skim your milk?
It is hard sometimes to realize just how great the loss of cream is with crocks and pans. Some people may not believe that a



U. S. CREAM SEPARATOR

skims enough closer than the old way to increase their butter yield one-fourth or more. But it does and there's a plain reason for it. When you set milk the cream and skim milk are separated from one another by the force of gravity, but when you skim milk with a U. S. Separator centrifugal force, which is thousands of times stronger than gravity, does the separating. It squeezes out the last drop of cream. Cream is money—you can't afford to waste it. If you keep three or more cows, it will pay you to buy a U. S. Separator.

Look into this. Write today for a copy of our handsome, new separator catalogue. Ask for number 81. It is finely illustrated and tells all about the U. S. Address

VERMONT FARM MACHINE CO., Bellows Falls, Vt.

Prompt deliveries of U. S. Separators from warehouses at Auburn, Me., Buffalo, N. Y., Toledo, O., Chicago, Ill., LaCrosse, Wis., Minneapolis, Minn., Sioux City, Ia., Kansas City, Mo., Omaha, Neb., San Francisco, Cal., Portland Ore., Sherbrooke and Montreal, Que., Hamilton, Ont., Winnipeg, Man. and Calgary, Alta.

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YOU cannot afford to be without protection at this time. We manufacture horse and wagon covers and all kinds of canvas goods.

STOCKMEN, ATTENTION!

We carry a full line of rain proof tents of different sizes, together with substantial seats, which we will rent at very reasonable prices. Write us, before securing sale tent, for prices and illustrated catalog.

Peoria Tent and Awning Co., 117 Main Street, Peoria, Illinois.

ure would be but 1/2 per cent above the mean measure. The temperature should be between 140 degrees to 120 degrees F. Short-necked cream bottles are not recommended and should not be used, as the variation is too great and a correct reading cannot be obtained. Cream should never be measured, but always weighed, when sample is taken.—A. L. Haecker, in the Nebraska Dairyman.

\$4.50 TO ST. PAUL AND MINNEAPOLIS.

The Chicago Great Western Railway will have a popular excursion from Des Moines to St. Paul and Minneapolis and return, leaving Des Moines at 9:30 p. m., July 28th, by special train at rate of \$4.50 for the round trip. Sleeping car berth rate \$1.00 and seats reserved in Special Coaches for ladies and gentlemen without additional charge. Tickets good to return on all regular trains leaving the Twin Cities Sunday and Monday following. For full information call on E.

J. Sawyer, C. T. A., C. G. W. R'y, 514 Walnut St., Des Moines, Iowa.

LOW EXCURSION RATES TO NEW ENGLAND AND CANADIAN POINTS
VIA THE C. & N.-W. R.Y.

Tickets on sale daily until June 30th; also on July 4th and 18th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

\$3.50 TO ST. PAUL AND RETURN, FROM DES MOINES.

Via the Minneapolis & St. Louis R. R. Correspondingly low rates from intermediate points. Tickets on sale July 24th, 25th and 26th; return limit July 30th. Limit will be extended to August 15th on payment of fee of fifty cents. For further information please call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

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Puffs, and all lameness from Spavin,
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loops, patent leather blinkers, over check.
Breast collar extra wide V shaped. Traces
1 1/2-in. attached to breast collar. Breaching
1 1/2-in. 1 1/2 Slide Strap. 1/2-in. Hip Strap. Sad-
dle 3 in., single strap, patent leather jockeys.
Belly band Griffith style. Lanes 1 in. front by
1 1/2 hand parts. In order to secure one of them
at this wonderfully low price, send us at once
a money order of \$10.98, simply stating which
preferred, imitation rubber or nickel, and we
will forward the harness to you immediately.
Understand, however, that unless entirely up
to expectations, don't keep it, but send it back
at our expense, and we will refund you the
\$10.98 plus the freight charges. Address, The
Glazier Harness Co., Ft. Madison, Ia. Refer-
ence, German-American Bank, Ft. Madison.

ABSORBINE

will reduce inflamed, swollen joints,
Bruises, Soft Bunches, Cure Bolls,
Fistula, or any unhealthy sore quick-
ly; pleasant to use; does not
blister under bandage or remove
the hair, and you can work the
horse. \$2.00 per bottle, express
prepaid. Book 7-C free.

ABSORBINE, JR., for manking,
\$1.00 per bottle. Cures Varicose
Veins, Varicocele, Hydrocele,
Strains, Bruises, stops Pain and Inflammation.

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CHAMPION HAY PRESS

4 Horse Mounted
Power or Gasoline
Engine. 6 strokes of
plunger to one round
of horses. Side and
end hitch. 2 to 3 tons per hour. Self feed. Automatic
Block Dropper and Scale. Full line of belt power
presses. FAMOUS MFG. CO., 77 CHICAGO
AVE., EAST CHICAGO, IND.

Spectacles at Wholesale to Consumer.

Genuine gold filled (not plated) for \$1. Oculists
charge \$5 for same quality. Catalog and eye
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SMITH OPTICAL CO.,
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Veterinary Editor The Homestead.
(CONSULTING VETERINARIAN. Advice and
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Star Healing Powder. No scar.
Guaranteed. 50c druggists, or prepaid by mail.
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VETERINARY MATTERS

PROFESSIONAL veterinary advice through this
department to regular subscribers only. We do
not answer veterinary inquiries for the benefit of
"neighbors." Parties desiring information will be
required to send their names in full with their ad-
dress. No question will be answered by mail unless
accompanied by a fee of \$1.00. In order that correct
information may be given, the symptoms should be
accurately described, stating of how long standing,
together with color and age of animal, and what
treatment, if any, has been resorted to. All veteri-
nary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

WORMS.

I have a horse four years old that has
worms. He is poor. What can I do for him?

Horse is cutting a number of teeth,
and this aggravates the condition. Have
gums lanced over cutting teeth. Mix
one dram of dried sulphate of iron in
feed night and morning for a week;
then skip ten days and repeat. Feed
colt generously upon oats and bran along
with other nutritious food.

COUGH.

I have a bay mare twelve years old that
has had a cough for about three years, and
is getting worse. What can I do for her?

Wet all food as cough doubtless in-
dicates "heaves." See that stable is
kept clean and perfectly ventilated, as
irritating gases in stable often cause
cough. If trouble continues and mare
also passes gas from rectum when she
coughs give half an ounce of Fowler's
solution of arsenic night and morning.
If the latter symptom is absent give half
to one ounce of glyco-heroin two or
three times daily according to severity
of cough.

SWOLLEN UDDER.

I have a young mare colt about three
weeks old that came three weeks before time.
During the first couple of days it was weak
and I had to help it up. In doing so, I dis-
covered that one side of its udder was en-
larged, and by taking the teat in my finger
a white fluid came from it in a stream. When
I compared it with its mother's milk I could
see no difference. I thought perhaps it would
dry up, but looking at it tonight the udder
seems a trifle larger than at first. My neigh-
bors, old horsemen, say they never saw any-
thing like it. Can you tell me what causes
it and what to do for it?

Cases are on record of milk coming
from one or both sides of foal's udder;
sometimes the fluid is pus due to a
bruise. Keep stripping udder twice daily
and then rub in well some camphorated
oil. This will dry up the secretion if it
is milk and pus may stop forming under
same treatment.

SCOURS.

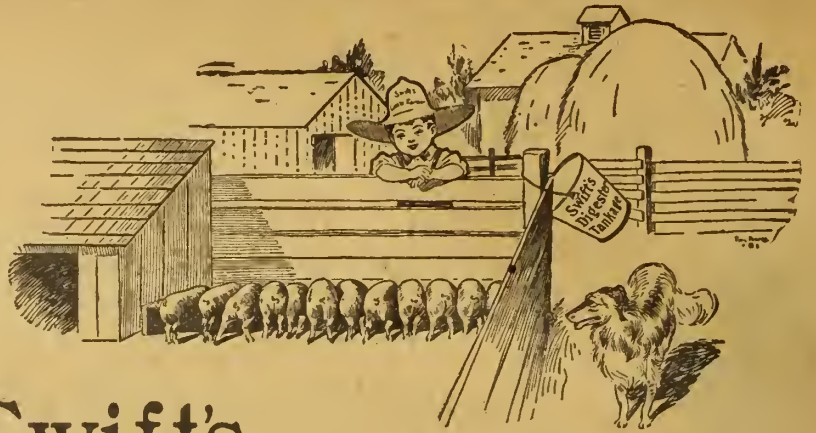
Our spring pigs are affected with a dis-
order that puzzles our local talent. They
have the scours, and their passages are white
or light colored the first few days; some
continue white while others change to light
green, watery like fluid. They eat fairly
well. Their hair becomes rough and grows
very thin. They have range of plenty of
grass. Have fed them corn, shorts and oil
meal.

There should be little to puzzle where
such a condition exists, for it tells plain-
ly of some irritant as the cause of scours
and we first would suspect sour, dirty
slop from old, tainted barrels and sec-
ond, worms. First see that all food used
is sweet and clean, and in it mix lime-
water freely several times a week. Make
digester tankage or dried blood meal a
part of the ration commencing with a
small quantity and gradually increasing
until 10 per cent is fed. Blood meal
tends to stop scours as well as being
wonderfully nutritious. For worms, give
turpentine in the slop, at rate of one
teaspoonful for each eighty pounds live
weight. Give it in the morning three
days in succession, and repeat the fol-
lowing week.

PARALYSIS.

I have three brood sows that are lame.
They farrowed during the first half of May.
Three weeks ago a Duroc Jersey became
lame in hind legs and in a few hours lost
the use of her hind parts. She could raise
up on her fore legs, but when raised up
behind would squeal as if in great pain.
She was this way for two weeks, and then
regained the use of her hind parts enough
to get up without help, but is still very
lame in fore parts and shoulders. A week
ago, two Poland Chinas were taken the same
way. Appetite seems good. I used turpen-
tine on the first. The last week I have fed
a mixture of copperas, salt and ashes. The
hogs have free range of an orchard set
with clover and blue grass, and are fed a light
ration of corn and skimmed milk. They are
in fair flesh for sows sucking pigs, and were
healthy at farrowing time. Please give
advice.

As often explained here this form of
paralysis (parturient eclampsia) is
brought on by strain of nursing pigs and
is seen only in sows from hogs long
pampered on corn and given too little
out-door exercise, so that they have con-
stitutionally become weak in bone, mus-
cle and nervous system. It does not af-
fect strong, robust sows from ancestry
fed mixed rations and kept muscular
by out-door exercise on green food. It



Swift's Digester Tankage

—for Newly
Weaned Pigs

The digestive organs of
newly weaned pigs are so
delicate that coarse, bulky,
irritating meals cannot
be fed with safety. Swift's
Digester Tankage, appetiz-
ing, concentrated and
nutritious is indispensable.



It Keeps Them Growing

Tankage-fed pigs keep right on growing. They are
not troubled by Thumps, Ricketts or Rheumatism.
They look well, grow well and PAY well. We give
facts and figures in our booklet, "Protein for Profit."

Swift & Company, U. S. A.

Animal Food Department, Desk 6
Union Stock Yards CHICAGO

\$2 To Lake Okoboji and Return \$2
VIA
Chicago, Milwaukee & St. Paul Ry.
AUGUST 1, 1906.

ACCOUNT BROTHERHOOD OF AMERICAN YEOMEN.

Train will leave Des Moines 4:20 a. m. Arrives Lake
Okoboji 10:40 a. m. Returning will leave Lake Okoboji
7:00 p. m., August 1st. Grand Drill Contest. Large
prizes. Base Ball game between Yeoman team, Des Moines,
and Platte, S. D., team.

For full information call at the city ticket office,

410 WALNUT STREET, E. C. NETTELS, D. F. & P. A.

is further to be prevented by infusing
new blood into swine by use of boars
from distant parts. All hogs fed corn
on rich, black farms tend to become
"lard hogs," fat, flabby, weak, rickety
and it is such that go down from paral-
ysis. At once wean the pigs and feed
slop of milk, middlings, and tankage or
blood meal; or some other food of ni-
trogenous foods. In food and drink mix
lime water freely. Local treatment is
of little benefit. If, when the irrita-
tion due to the pigs has been removed,
the sow is not too weak she may re-
cover when fed as advised.

ABSCCESS.

I have a helper with a lump on her jaw
something similar to lump jaw, but a veteri-
narian who looked at it with the intention
of cutting it out found it was not lump
jaw. For about eight weeks after he had
opened it, it was a running sore, but for
about two weeks it has not broken, and is
getting larger and harder. It is about the
size of a person's two fists, and has been
on her jaw for about eight months. It com-
mences from the root of the ear and about
two inches under the eye. She is losing in
flesh. Is her milk good?

The abscess may be due to tubercu-
losis and it certainly would be wise
to have her tested with tuberculin, but
it is much more likely that actinomycosis
is present and the seat of the abscess
is such that treatment will not prove
satisfactory. If you care to treat the
case should it prove to be actinomycosis
(lump jaw), give her a dram of iodid

FREE TRIAL
of the BEERY BIT
FOUR BITS IN ONE
Cures Kickers, Runaways, Pullers,
Shyers, etc. Send for Bit on Ten
Days' Trial and circular showing
the four distinct ways of using it.
Prof. J. A. Beery, Pleasant Hill, Ohio

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Guaranteed

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A VETERINARY SPECIFIC.
14 years sale. One to two cans
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can. Of dealers, or express
prepaid. Send for booklet.
The Newton Remedy Co., Toledo, O.

of potash twice daily in water and syringe
clear tincture of iodine into abscess
every other day, besides painting it on
surface once daily. Milk of an animal
that is diseased and becoming emaciated
is not fit for human use, no matter
what the disease may be.

**\$5.95 TO ST. PAUL AND MINNEAPOLIS
AND RETURN**

Via Chicago Great Western Railway account
G. A. R. National Encampment at Minne-
apolis August 13th to 18th. Tickets on sale
August 11th to 14th. Return limit August
31st, with extension privilege. For further
information apply to E. J. Sawyer, C. P. &
T. A., 514 Walnut St., Des Moines, Iowa.

INCREASE YOUR INCOME.

Opportunities in all lines of business in
new and growing towns in Iowa, Illinois,
Missouri and Minnesota along the line of
the Chicago Great Western Railway. Write
to Industrial Department, C. G. W. Ry., St.
Paul, Minn., for "Town Talk" and county
map.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

MARRIED WOMAN'S ESTATE.

Mr. J. F. Cerny, Manly Junction, Iowa.—A married woman died in Iowa, leaving a husband and children. She owned at the time of her death some personal property consisting of horses, cattle, farm machinery, and other things usually kept on a farm. Who is entitled to said property, there being no will?

Answer.—The husband is entitled to one-third of the property, and the children to two-thirds of it.

DRAINAGE RIGHTS.

A Subscriber, Marathon, Iowa.—(1) A slough runs through A's farm, extending into B's land. A has tile drained his land to within a rod of B's line. Has B a right to make an open ditch on A's land to drain water to his tile? (2) In case A makes an outlet to his tile drain on his own land through a natural waterway, can B recover damages for a ditch being cut through his land by the water?

Answer.—(1) B. has no right to make an open ditch or any other kind of ditch on A's land without A's consent. (2) He cannot.

BANKRUPT INSURANCE COMPANY.

A Subscriber, Everly, Iowa.—I was insured in an insurance company. I was to pay in yearly instalments. Two years after I was insured the company became bankrupt and was placed in a receiver's hands and ceased to pay losses. The receiver sends me threatening notices to make my yearly payments. What can I do?

Answer.—We do not know. You have not stated what kind of a contract you entered into with the insurance company. You may have bound yourself in a hard bargain, so that you are liable to the receiver for all the premiums. On general principles, however, we would advise you to pay no attention to the notices, and let the receiver sue if he wants to.

PERCOLATING WATERS.

A Subscriber, Seneca, Kan.—A has a well about 1,000 feet from his house, from which he forces water to his house and barn. It has been in operation about three years, and A depends upon it for his supply of water. B dug a well on his own ground, just across the road from A's well. He knew before he dug it that it would lessen the supply of water in A's well. There are other places on B's land where he could obtain water by digging wells which are fully as convenient to him as the well he dug, and which would not injure A's well. B's well has lessened the flow of water in A's well. Can A recover damages from B?

Answer.—He cannot. Percolative or subterranean waters belong to the land as long as they flow or percolate in it, and no man can claim a right to such waters in another man's land.

FOUNDATION STONE—FIXTURES.

A Subscriber, Fontanelle, Iowa.—In April, 1906, B. bought a piece of land from A, and is to take possession of it on the 1st of March, 1907. At the time of the sale there were foundation stones on the place to be used as a foundation under the house. A said all things belonged to the farm and were to stay there. Since the sale A has removed the foundation stones. Had he a legal right to do so?

Answer.—We think the removal of the stones was an act of bad faith on the part of A, and that after B. takes possession of the place he can sue A. and recover the value of the stones. Being designed for use in repairing or adding to the foundation of the house the stones were in the nature of fixtures, and should go with the place to the purchaser.

COLLATERAL INHERITANCE TAX.

Mr. H. L. Lathrop, Ottumwa, Iowa.—(1) A Methodist church owns in fee one acre of ground in the corner of A's farm. A's land adjoins the acre on the east ten rods and on the north sixteen rods, and B's land adjoins it on the west ten rods. Whose duty is it to keep up the partition fences between the church land and the lands of A. and B.? (2) A single man, who was never married, died in Iowa, owning forty acres of land. He had eleven brothers and sisters. It is said that the state took 10 per cent of the value of this land. Is there any law giving the state such a right?

Answer.—(1) We think the church should build one-half the partition fence, and the adjoining land owners the other half. (2) If he had neither father nor mother and his brothers and sisters are not residents of the United States, the state has a right to collect ten per cent. of the value in excess of \$1,000 as collateral inheritance tax—for instance, if the land was worth

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and GERMAN COACH,
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TROTTERS, CLEVEL-
AND BAY and HACK-
NEY, CARRIAGE and
COACH HORSES, SADD-
LE HORSES, SUTEL-
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DRAFT GELDINGS and
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Return Limit, August 15th.

Two Daily Trains With Through Sleepers and Dining
Car Service.

Tickets, 410 Walnut St. and Union Station.

E. C. NETTELS, D. F. & P. A.

\$3,000, 10 per cent on \$2,000. If the brothers and sisters reside in the United States, then the state can only recover a tax of 5 per cent on the excess above \$1,000. See Code, Sec. 1467, and Chap. 51, page 43, Acts of 1904.

FRAUD BY LANDLORD.

A Subscriber, St. Paul, Kan.—A. rented a farm from B. for a term of five years. The farm is not as represented by B. Each party has a copy of the lease. Can A. be compelled to stay until the expiration of the lease?

Answer.—Unless the renter was at a distance from the farm, or had no opportunity to examine it when he entered into the lease, it is difficult to understand how the owner could so misrepresent it as to give the renter a legal right to repudiate the contract. However, if the representation of the owner concerning the farm was about a substantial and material matter which the renter could not with ordinary diligence

ascertain for himself, and was made in such a manner as to constitute a fraud upon the renter, the latter can either rescind the contract, or sue the owner for damages.

DRAINAGE OUTLET.

A Subscriber, Atlantic, Iowa.—A slough runs through my land and also that of my neighbor. Last fall my neighbor tile drained his part of the slough for about eighty rods and discharged the drainage water within a few feet of the partition fence, so that it overflowed my pasture land. There is a slight depression in my land at this point six or eight inches deep, which runs into my land for about four rods, where my neighbor's drainage water runs and then spreads over my pasture. There was no running water there before. My neighbor tells me to tile drain my land if I don't want his water. This would mean sixty or eighty rods of tiling before I could get an outlet. Can I recover damages from my neighbor, and, if so, how?

Answer.—If the depression in your land which you mention, does not lead into any natural water course, your

neighbor has no right to discharge his drainage water into it. And you can have him restrained by injunction from so doing, and recover damages from him, by bringing a law suit against him in the district court.

Look for "The Reason Why Spreaders Bunch on the Finish" by the Litchfield Mfg. Co. on page 5.

SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS,

Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until October 31st. Specially low rate round trip tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 18th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.

OUR HOME DEPARTMENT

ALL communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

WITH THE EDITOR.

Did I say last week that this week's "With the Editor" would be with Dr. Van Dyke? I think I did, for it has been my purpose for some time to have the Home learn what he has to say on the subject of "Wood Magic." Dr. Van Dyke has the soul of a poet and the pen of a ready writer; he has also a cultured mind and a wide knowledge of God's out-of-doors. He is at his best in the preface to Wood Magic. In all literature of the kind I know of nothing surpassing the charm of the extract which I here quote, in the very earnest hope that it will stir young and old to go in search of the wonderful vines he describes. I have had such joy, such sheer bliss in the mere copying of it that there is no shadow of doubt in my mind that I do well by the Home in retiring in favor of Dr. Van Dyke this week.

"There are three vines that belong to the ancient forest. Elsewhere they will not grow, though the soil prepared for them be ever so rich, the shade of the arbor built for them ever so closely and cunningly woven. Their delicate, thread-like roots take no hold upon the earth tilled and troubled by the fingers of man. The fine sap that steals through their long slender limbs pauses and fails when they are watered by human hands. Silently the secret of their life retreats and shrinks away and hides itself.

"But in the woods where falling leaves and crumbling tree trunks and wilting ferns have been molded by nature into a deep brown humus, clear and fragrant—in the woods, where the sunlight filters green and golden through interlacing branches, and where pure moisture of distilling rains and melting snows is held in treasury by never-failing banks of moss—under the verdurous flood of the forest, like seaweeds under the ocean waves, these three little creeping vines put forth their hands with joy, and spread over rock and hillock and twisted tree root and moldering log in cloaks and scarves and wreaths of tiny ever-green, glossy leaves.

"One of them is adorned with white pearls, sprinkled lightly over its robe of green. This is Snowberry, and if you eat it you will grow wise in the wisdom of flowers. You will know where to find the yellow violet, and the wake robin, and the pink lady slipper, and the scarlet sage, and the fringed gentian. You will understand how the buds trust themselves to the spring in their unfolding, and how the blossoms trust themselves to the winter in their withering, and how the busy hands of nature are ever weaving the beautiful garment of life out of the strands of death, and that nothing is lost that lends itself to her quiet handling.

"Another of the vines of the forest is called Partridge-berry. Rubies are hidden among its foliage, and if you but eat of this fruit you will grow wise in the wisdom of birds. You will know

where the oven bird secretes her nest, and where the woodcock dances in the air at night; the drumming log of the ruffled grouse will be easy to find, and you will see the dark lodges of the ever-green thickets inhabited by hundreds of warblers. There will be no dead silence for you in the forest any longer, but you will hear sweet and delicate voices on every side—voices that you know and love—you will catch the keynote of the silver flute of the wood thrush, and the silver harp of the veery, and the silver bells of the hermit; and something in your heart will answer to them all. In the frosty stillness of October nights you will see the airy tribes flitting across the moon, following the secret call that guides them southward. In the calm brightness of winter sunshine, filling sheltered copses with warmth and good cheer, you will watch the lingering bluebirds and robins and song sparrows playing at summer, while the chickadees and the juncos and the crossbills make merry in the wind-swept fields. In the lucent mornings of April you will hear your old friends coming home to you—Phoebe and Oriole, and Yellow-throat, and Redwing, and Tanager, and Cat Bird. When they call to you and greet you, you will understand that nature knows a secret for which man has never found a word—the secret that tells itself in song.

"The third of the forest vines is Wood Magic. It bears neither flower nor fruit. Its leaves are hardly to be distinguished from the leaves of the other vines. Perhaps they are a little rounder than Snowberry's; a little more pointed than Partridge berry's; sometimes you might mistake them for the one, sometimes for the other. No marks of warning have been written upon them. If you find them it is your fortune—if you taste them it is your fate.

"For as you browse your way through the forest, nipping here and there a rosy leaf of young wintergreen, a fragrant tip of balsam-fir, a twig of spicy birch; if by any chance you pluck the leaves of Wood Magic and eat them, you will not know what you have done, but the enchantment of treeland will enter your heart and the charm of the wildwood will flow through your veins.

"You will never get away from it. The sighing of the wind through the pine trees and the laughter of the stream in its rapids will sound through all your dreams. On beds of silken softness you will long for the sleep song of whispering leaves above your head, and the smell

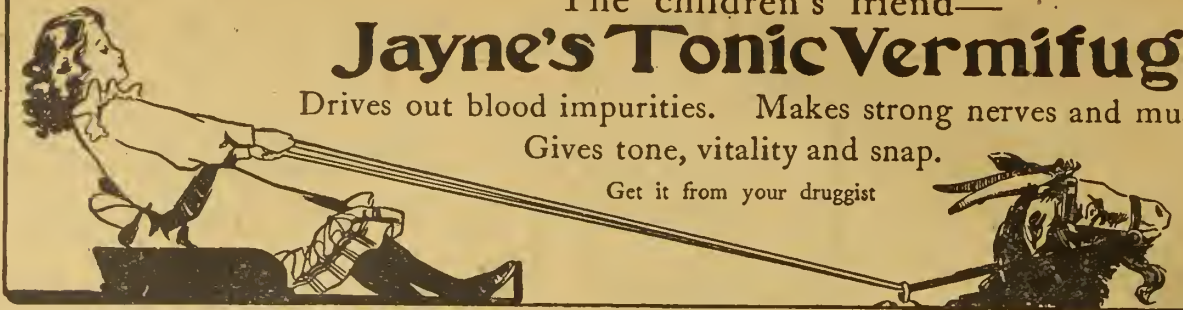
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of a couch of balsam boughs. At tables spread with dainty fare, you will be hungry for the joys of the hunt, and for the angler's sylvan feast. In proud cities you will weary for the sight of the mountain-trail; in great cathedrals you will think of the long, arching aisles of the woodland; and in the noisy solitude of crowded streets you will hone after the friendly forest.

"This is what will happen to you if you eat of the leaves of that little vine."

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Tempests, that beat us to the clay,
Drive many a lowering cloud away,
And bring a clearer, holier day.

The fire, that every hope consumes,
Either the inmost soul entombs,
Or evermore the face illumines.

Robes of asbestos do we wear;
Before the memories we bear,
The flames leap backward everywhere.
—Edmund Clarence Stedman.

FEMININE PHILOSOPHY.

If the average husband would praise his wife as much to her face as he does when talking about her to another man the honeymoon would last forever.

Papa is always willing to take little Willie to the circus, but he raises a long and a loud

howl if he is asked to take little Annie to Sunday school.

Men who are prejudiced against mothers-in-law should remember that if it wasn't for those same mothers-in-law they wouldn't have the dearest wives in the world.

If a man brings in two buckets of water and hoses the garden one hour each week he thinks he has lightened his wife's labors of housekeeping 99½ per cent.

The average man thinks he's a martyr when he wears a tie that his wife has bought or made for him, but he never thinks she's a martyr when she wears a hat that he's selected for her.

REAL ECONOMY.

True economy consists in securing the most comfort from the least expenditure of money and time and strength. I have yet to be convinced that an inferior worker in any line saves money for an employer by accepting small compensation. Excellence of work and the speed attained by skill are worth more money than can be saved in wages, yet I know women who draw the line at a half dollar that marks the difference between good and had quality, and so submit to breakage and waste that means dollars. They would resent an imputation of extravagance, but thrifty they certainly are not.

ABOUT CANNING FRUIT.

Putting up fruit is a laborious process, taking it from beginning to end, and no pains should be spared to make it successful. Nothing is so vexing as to have it spoil.

Care in the selection of cans, tops, and rubbers is necessary in order to obtain best results. Try each can with water before



Bird's-eye View of Burwood Stock Farm, owned by Dr. W. H. Earles, of Milwaukee, Wis., Breeder of Short-horn Cattle. A select draft from this herd will be offered for sale at public auction on August 7th. See field notes.

trusting it with fruit to see if it is perfectly tight after the cover is screwed out. It is useless to put fruit away if even one drop of juice exudes from the can when turned upon its side or top.

Opening cans with a fork or thick knife ruins the covers by making the edges uneven. If this has been done, lay them upon a table and pound the edges flat with a hammer.

Old rubbers are rarely in good condition for use. They are so cheap that it is better to discard them entirely and buy new. Sometimes one rubber is not sufficient to render the can air-tight, when the addition of another will make it all right. Keep trying until a perfect fit is secured or else results will not be satisfactory.

An agate or porcelain-lined kettle of medium size should always be used for cooking the fruit, and this kettle should be used for no other purpose. A tin saucepan is an abomination. Do not, for economy's sake, use a kettle in which summer after summer successive crops of fruits have been cooked. In these days agate ware is sufficiently cheap to be within reach of all. Glass utensils of all kinds have been placed upon the market. With these it is possible to be chemically clean. A porcelain-lined colander, or strainer, is sold for use in canning, and scales with a glass pan or tray, glass measuring cups, ladles and skimmers are to be found, all at reasonable prices. These should be put away by themselves in perfect condition each time they are used, and kept for the one purpose—canning. A square of white table oilcloth to set the cans and utensils upon is also an aid to cleanliness in canning.

WHOLESUME SUMMER PIES.

Rhubarb Pie—Pare and cut the pie-plant in inch-length pieces, cover with boiling water and let stand five minutes; drain, and to every two cupfuls add one coffee-cupful of sugar, one heaping teaspoonful of cornstarch, a teaspoonful of butter cut in bits and scattered evenly around, and a dusting of cinnamon; cover closely and cook until tender in a hot oven. When cool, pour into a deep pie-shell, the bottom of which has been brushed over with white of egg, heap a meringue made of the whites of three eggs and two tablespoonfuls of powdered sugar roughly over the top, and brown slightly in a moderate oven. Serve very cold.

Current and Raspberry Pie—Use two parts currants and one part red raspberries and make same as cherry pie.

Lemon Cream Pie—Bring two cupfuls of rich milk to scalding heat in a double boiler; beat the yolk of three eggs and one heaping teaspoonful of sugar until very light, add the grated yellow rind of one lemon and the juice of two, beat well, and gradually pour into the boiling milk, stirring constantly until it thickens; then add a teaspoonful of butter and a pinch of salt; remove from the fire and stir until butter is dissolved. Bake in a deep shell, brush over the bottom with white of egg, pour in the cream, heap a meringue of the whites of three eggs and two tablespoonfuls of sugar over the top and yellow in a cool oven.

Cocoanut Pie—Bring two cupfuls of milk to scalding heat; beat the yolks of two eggs and four tablespoonfuls of sugar until very light, add one heaping tablespoonful of cornstarch, dissolved in four of cream, pour into the hot milk, and stir constantly until it thickens and is smooth. Remove from the fire, add one-half of a freshly-grated cocoanut and cool; beat the whites of the eggs stiff, add one teaspoonful of vanilla and gently fold them into the custard. Bake a deep shell, fill with the custard, and bake in a moderate oven ten or twelve minutes, but do not brown. Spread fresh cocoanut over the top and serve very cold.

Chocolate Cream Pie—Put three tablespoonfuls of water, two of sugar and three of grated chocolate over the fire, and simmer until it is melted and glossy. Make a boiled custard of two cupfuls of milk, two tablespoonfuls of sugar, one level tablespoonful of cornstarch and the yolks of three eggs. When smooth, add the chocolate, stir well together, and add one teaspoonful of vanilla. Pour in a baked shell, heap meringue in even-sized spoonfuls over the top, having one in the center and one for every section of pie when served. Dust powdered sugar over the top, stand in a cool oven, but do not yellow.

AMONG OURSELVES.

Illinois has suggested a new topic for discussion. Representing my own native state, I felt moved to speak in meeting. But I volunteer no solution. To do so intelligently would require a detailed knowledge of every condition and environment of every man and woman in question. Even then this is so decidedly a personal matter that anyone with discretion would be slow in making suggestions. I know a woman who became the mother of four children within seven years who performed her maternal duties more capably than another, the ages of whose only two children show a difference of thirteen years. It surely seems that nature intended that several children should grow up together. An only child is bereft of half the joys of childhood. From observation I do not conclude that small families develop into nobler characters accordingly, than large ones. There should certainly be reasonableness in all things. It seems unjust that a woman in poor health should have imposed upon her the bearing and rearing of a large family, and yet I have known just such women, beautiful, noble characters, whose very life and joy were their children. Child-bearing is not a disease, and with judicious care a woman's health should not be impaired. I have heard people argue radically that a poor man has no right to leave to the world a large family. Ought the things of rarest value that our children inherit from us to be estimated in dollars and cents? Would Lincoln have been of greater service to the world if he had been one of two or three children reared in a mansion? In considering this question from a financial point of view it is not just to estimate that it costs six times as much to raise six children as it does one. I really wonder why large families cause such comment. In olden times parents were proud to present to the world a group of sturdy boys and girls. And the question of race suicide that has caused such comment is still pending. Let a woman in all good faith mother the children given her, be there two or ten. But what think

you of the woman who deliberately approaches her family physician and asks him to relieve (?) her of the inconvenience and responsibility of motherhood? This is race suicide. How many women, think you, will give account of innocent blood at the judgment bar of God? I seriously question the propriety of openly discussing so delicate and personal a matter. If we should in strougest terms denounce the imposition some women suffer what would it avail? There is, in all the world, only one person who can help you decide this matter. Then why not in the privacy and hallowed realm of your own home let this matter rest sacredly with yourself, your husband and your God? I would like to kill two birds with one stone, like the old gentleman who with his wife took their only grandchild to a photographer. After the picture was taken the old gentleman said, "Just as well take another now, and save an extra trip, for Nancy says we must have Armilda's picture twice a year." But I'll come again and tell of a happy little outing our family thoroughly enjoyed.

In some moods I am, like Mrs. Heaston, doubtful of the wisdom of publicly discussing this matter; in others I am rampantly positive that it should be discussed privately and publicly also, until the present morbidity and ignorance are replaced by sanity and intelligence. There are limitations; that is to be understood. But in a general way clean minded persons should be able to discuss a subject of this kind in such a way as to give no offense to any sensible person of taste, however refined. Mrs. Heaston (Nebraska), who has spoken, and Mrs. Imobersteg (Iowa), who is to follow her, speak as gentlewomen. If as gentlefolk we hearken, good and no evil at all should come of our following the example of our president; of our talking like well-bred, thoughtful persons about

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a matter which seriously affects very many of us:

I am not a believer in large families. What right have we to bring more children into the world than we can properly care for? If a farmer raised or tried to raise more cattle, horses or hogs than his farm would support, we would call him foolish, and I

WINTER Wheat, 60 bushels per acre. Catalog and samples free. John A. Sulzer Seed Co., La Crosse, Wis.

think the same reasoning applies to the human family. There are very many people who are thoughtless or ignorant in this regard, and thoughtlessly burden themselves with a family they can scarcely provide for, and too often the discouraged and over-worked wife and mother is laid in her grave before her time, leaving a lot of little ones to the tender mercies of the world. I am not speaking from a one-sided standpoint, but am speaking from my own experience as a mother, and I know too well that the heaviest part of the burden of caring for the children falls upon the mother. If her strength is frail and the purse is slim the burden rests all the heavier. It takes a great deal of money and clever managing to bring up a large family. We owe ourselves some consideration, and we really have no right to burden ourselves so heavily that we cannot do our duty by the children we already have. If Mrs. Roosevelt had to do all of her own work, and care for a large family, and President Roosevelt had to work hard for small pay I think he would change his opinion regarding the race suicide question. I feel sure there is more than one Among Ourselves who will agree with me in saying: "Fewer children and better raised."

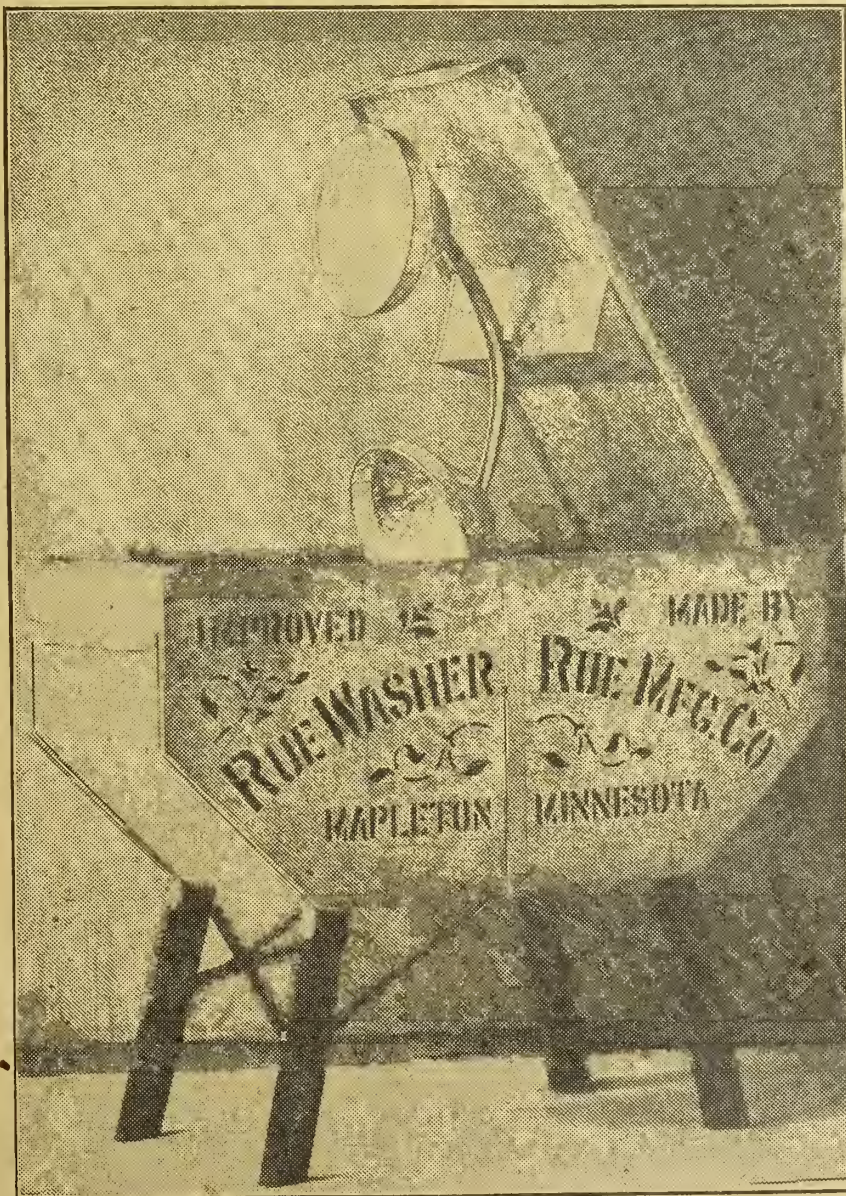
That the matter to which "A Reader" wishes to call our attention has rather more than an indirect bearing upon the one which we have just been considering I think we will all agree:

Dear sisters, who of us cannot recall among our acquaintances mothers of large families, say six or eight children, none old enough to help much, the mother doing all the work, and often having hired help to cook and wash for? Does it seem just to say of such a one, "Oh, she is so disorderly. I never go there," as I have heard a great many say, who had not one-fifth the work, or had help, or had no children? Then after discussing her a while, they would say, "Oh, yes, she was very neat before she was married, but now—" Would we do as well in her place? Would we do better? It seems to me we are very unjust to such a one, and that we ought to sympathize and help her, who must try and make one pair of hands do the work of two or three pairs. Very likely she is aching to have everything clean and neat, as well as anyone else (which is almost an impossibility with a lot of children). So let us refrain from passing judgment on the mother of large families.

Should any woman have so many children that she cannot keep them, herself and her house decently clean? Is it fair to the woman? A mother is first of all a woman with duties to herself. Is it fair to the children? Have children so born, so reared, the heredity, environment and equipment which is the right of every human being in America in this twentieth century? These are fair questions.

E. M. comes to us for the first time, so timid and so shrinking. She is all apologies to me. Dear newcomers, why should you be backward and frightened, as if Among Ourselves were a jury, with cold and critical eyes? We are of one household here, and kindly affectioned, one to another. Do not hesitate to claim the privilege of a hearing if you are moved to speak. Be sure if you take the floor you will have a sympathetic hearing:

The editorial of June 7th induces me to take pencil in hand. June, with its roses and weddings and so many sad endings! Divorce—the foundation of divorce is an unhappy home. Selfishness is probably the most potent factor in the destruction of the home and its happiness. It is the sin of the age coupled with false pride. Oh, we are so selfish and stiff necked that the lovingness that is really within us is smothered and crushed. Brothers and sisters who are married, why is it we live from day to day cold and indifferent to our own until the very foundation of our home is destroyed and



The Theory of the Old Washboard Brought Out in the Rue Washer.

The principle of the old washboard is thoroughly brought out in the New Rue Washer, made at Mapleton, Minn., and advertised on page 5 of this issue. A fine illustration of the machine is shown herewith. In a recent visit to the factory we learned that Mr. Edward Rue, the inventor of the Rue Washer, is a master mechanic, having served his full apprenticeship in the great machine shops in Norway. He came to the United States and engaged in the hardware business. He listened patiently to the many complaints of his customers and his wife about the poor work done by washing machines, their shortness of life, their leaks, their hardness of operation. It set him to thinking. He had an inventive turn of mind, and had patented several useful articles. Why couldn't he build a machine that would do better work and likewise overcome some of the other objections? He bought every make of machine that he could learn of, and personally washed on all of them. He read all he could find pertaining to the subject, even the advertisements. He studied—he worked. He neglected his business until his partner got angry and bought him out. His little capital gone, his brothers helped him. He worked and pondered until his friends began to fear for his reason, but when all but hope was gone, victory was near at hand. He went back to his basic principles and started to do a washing on the "old-time washboard." His wife overheard him saying to himself: "Why not rub on the board under the water? Why not? All the machines that I have ever seen do that very thing. Yes, yes, but they are all wrong." Stopping short in his work he said to his wife, "I have it: I have it now," and retired to his little work shop and built the galvanized iron Rue Washer, the first and only machine that forces air through the clothes. Write for full particulars how to obtain this new washing machine and kindly mention this paper.

we wander apart and too often fill a suicide's grave? What is love? Love suffers long and forgives much. Oh, let us as husbands and wives love unselfishly and divorce will be almost unknown, and the home life will be more as God intended it should be.

What is going to happen, that no one has asked or offered a recipe for canning corn or tomatoes? Such a thing never happened before in all the years I have presided in this Home. Just to be regular let us hear from the canners—those who have succeeded; and also from those who have failed—and right away, please, friends. And now with a final word on borrowing, from the Hawkeye state, we part until next week when there are some capital things coming:

I, for one, believe as Mrs. Lowater does. I do not believe in borrowing. I used to borrow, but I found it was more of a habit one gets into. I haven't borrowed for ever so long and find I can get along lots better, for one is always worried for fear there is something one has forgotten to send home. Again, I had a neighbor once that cured me of borrowing. She was always out of something. I have seen her spend all afternoon in town and send down that very evening for a quart of oil, a cup of sugar or some coffee for supper. She always sent everything back but the coal oil.

Dressmaking and Millinery—No. 526.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

We who are interested in this column would have fewer misunderstandings if the "readers" would read each article carefully be-

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Burns any kind of Fuel. Having Bovee's IMPROVED HOT BLAST VENTILATING SYSTEM and Return Circulating Radiator, which gives perfectly pure air and Saves One-Third of the Fuel. Any handy man can properly install one of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first-class. We can save you 40 per cent on the cost of your heating plant, our price being but little more than good stoves. Send for catalog. We have the largest and best line of furnaces in use, including our Celebrated WATERLOO Furnace, complete for . . . \$43 Manufactured and sold by the Bovee Grinder & Furnace Works, - Waterloo, Iowa.

GILSEY HOUSE

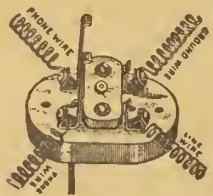
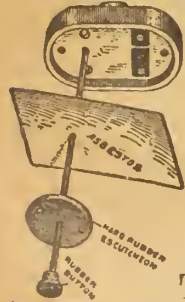
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fore ordering patterns. There would then be no orders for sizes in which the patterns are not cut, for these are carefully noted in each number. None would then fail to send correct amount with her order, for although it is a frequent occurrence that in an order the writer says, "I do not know your price, for it was not given in your paper," yet if you will look at the foot of the column in any of the papers you will find the price, and it is for each and every one eleven cents. There is no variation whether the pattern is a large or a small one. No alterations are made in patterns, as they are put up before being offered, and must be taken so if at all. Orders are not filled quite so promptly as is implied by "return mail," and those who expect them in such haste are necessarily disappointed. But each and every



[5379 Girl's Blouse Dress, 6 to 12 Years.]

order is filled within a few days after it is received, and it is for the one who orders to look after it at her postoffice, and if she wants to know the date on which it was mailed to write me—not under ten days after her order is mailed, nor should she delay longer than two weeks. Even then in almost every instance the package will be found at the postoffice to which it is addressed or those in charge there will be able to tell you to whom the package was delivered. Please now do not make any mistake about this, that long before you can inquire as above, your order has been filled (if sent correctly) and you will get the package if you make inquiry in time. Of course, though, if you neglected to sign your name that will make some difference. Many do this, and when they write



[5278 Empire House Gown, 32 to 40 Bust.]

me say, "I know I signed my name." To sum up, see that in your order you give number and size, or age, for pattern, enclose eleven cents in cash, not stamps, for each number or pattern, sign your name and give postoffice and rural or box address, and when you write to inquire about it after the time mentioned use same name and address as given in order.

Sorry to have to take so much space for explanations that little can be given in our subject matter, but the two designs need almost no description.

No. 5379 is a costume in the sailor blouse style that shows pleats instead of gathers, in

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FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.
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TO	From Minneapolis, St. Paul, Duluth	From Chicago
Spokane, Wash.,	\$44.50	\$56.00
Nelson and Rossland, B. C.,	44.50	56.00
Kalispell, Mont.,	37.15	48.65
Helena, Butte and Anaconda,	34.50	46.00
Great Falls, Mont.,	32.50	44.00
Minot, N. D.,	16.35	27.85
Grand Forks, N. D.,	11.55	23.05
Winnipeg, Manitoba,	15.25	26.75
Aberdeen, S. D.,	10.55	21.35
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both skirt and waist. This mode continues in favor for all ages, for anything in the way of general wear, and is suited to all the heavy and medium fabrics. If liked, white is always a good selection for the collar, cuffs and shield. Trimming may be added at will. Pattern No. 5379 is cut in sizes for girls of 6, 8, 10 and 12 years.

Empire house gown pictured in No. 5278 is a favorite for home wear, and has the body portion and the skirt separate and joined in a seam. The effect is that of a wrapper and indeed it may be made loose enough to

be exceedingly comfortable, for of course it is intended only for home wear. Lawns, challises and similar soft fabrics are favorites for this mode, but one may suit her own fancy in the selection. The pattern provides for either short or full length sleeve. This pattern, No. 5278, is cut in sizes for 32, 34, 36, 38 and 40 inches bust measure. One may alter it for a larger size very easily. Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.



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White Wyandottes.

Big cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM.
Box 253, Audubon, Iowa.

PAY large profits when raised from our thoroughbred Homer Pigeons. Breeding stock for sale cheap.

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ROSE COMB WHITE LEGHORNS.

Eggs 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

EGGS from pure bred, well marked, standard weight Light Brahmas at \$1 per sitting. I ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

SILVER LACED WYANDOTTES.
Eggs in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

100 GOOD laying single comb brown and white Leghorn hens at 60c each, \$6 per dozen.

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BARRED P. Rocks exclusively. Large thrifty birds, excellent layers. Eggs 60c per 18, \$1 per 36, \$2.65 per 100. J. M. Reeder, Earlville, Iowa.

UPLAND Poultry Farm. Lt. Brahma, S. L. Wyandotte and R. C. B. Leghorn eggs for sale, 20 for \$1, 50 for \$2, 100 for \$3.75. Albert Haus, Waucoma, Ia.

WHITE Wyandotte eggs from birds scoring 94 to 96%, 15 for \$1.25, two or more sittings \$1 each. Mrs. L. M. Estes, Audubon, Iowa. R. F. D. 2

S. C. B. LEGHORN EGGS
FOR hatching at 50 cents for 15 or \$2.75 per 100. J. P. Baklidsen, Lawler, Iowa.

S. C. B. Leghorns exclusively. Pure bred. Eggs, \$1.50 per 15, \$1.50 per 50, \$2.75 per 100. James H. Irwin, Belle Plaine, Iowa.

DOGS.

RATS

My SCOTTISH TERRIERS will make them git. Very fine puppies from recorded parents. Males \$7, females \$5. Pedigree with sale. Address, S. W. Harr, Riverside, Ia.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Granger, Mo.

SCOTCH Collies. Beautiful pups ready for shipment. Also very fine Brood Bitches for sale. Pedigree with each sale. S. W. Harr, Riverside, Ia.

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POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

THE SECRET OF THE LAYING HEN.

There comes a man from California who claims to have discovered the secret of egg production and he is willing to part with it for a stated sum. He claims he can tell simply from the outward appearances whether a pullet will develop into a heavy layer or a poor layer, or whether a cockerel is of laying blood or not and will be likely to transmit heavy laying qualities to his daughters.

Heretofore laying qualities of hens had to be determined by trap nests. This new method promises to do away with the cumbersome trap nests, all for a modest sum of \$10. All this is very good as far as it goes and we believe there may be something in the secret. He claims to possess an ideal known as the egg type. Experiments, however, have disclosed the fact that trap nests have revealed heavy layers among hens that have been pronounced poor layers by the Hogan method, the name given the system. Likewise poor layers have been found among those selected as good layers by the Hogan system.

If trap nests are used carefully and persistently there will be little use for the Hogan or any other method and the \$10 one would have to pay for the secret will go a great ways towards planting a number of trap nests where they will do the most good. This method seems to be a safe and certain way to ascertain layers without paying for any secret.

TESTING EGGS.

It is a well known fact that the air cell in the large end of the egg increases with age. If an egg is placed in a solution of salt water it will show an increasing inclination to float with the long axis vertical. By observing this tendency the age of an egg can be determined almost to a day. A fresh egg lies in a horizontal position at the bottom of the vessel; an egg from three to five days old will show a slight elevation of the large end of the egg so that the long axis forms an angle of twenty degrees and an egg a month old floats vertically with the small end downward. This method is said to be more satisfactory to the user of eggs than candling.

Did you read the proposition by the Litchfield Mfg. Co. in last week's issue; are you ready to trade today? Write them.

G. A. R. MINNEAPOLIS.

Excursion via the Minneapolis & St. Louis R. R., the shortest, quickest and best way. This line has been chosen by the Crocker Post of Des Moines and many other posts as



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\$21.30 Round trip from Des Moines, over the only all rail route from Des Moines to Shoshoni, Wyo., the reservation border.

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Please send to my address pamphlets, maps and information concerning the opening of the Shoshone or Wind River reservation to settlement.

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NW10

the "Official Route," and a special G. A. R. train will leave Des Moines at 11:30 a. m., August 13th, arriving Minneapolis 8:30 p. m. All comrades and their friends are invited to join this train.

In addition, the regular trains leave Des Moines 8:15 a. m. and 9:05 p. m., arriving Minneapolis 6:48 p. m. and 7:25 a. m. respectively. We distance all competitors. Note early arrival at Minneapolis. Morning train carries cafe parlor car, serving all meals. Night train free reclining chair car and new electric-lighted sleepers; also tourist sleeping

WINTER SEED WHEAT.

As the time is now near at hand when many farmers will be looking around for new and improved varieties of winter seed wheat, we wish to call attention to the seed wheat advertisement of Ratekin's Seed House, of Shenandoah, Iowa, which will be found on page 5 of this issue. This old, reliable seed house have made the growing and importation of new varieties of winter wheat a specialty for many years. Five years ago they imported seed direct from Russia, of what is now known as Ratekin's "famous" Malakoff. This wheat is what might be termed a hard wheat—bearded—and is claimed to be one of the hardiest, if not the hardest, varieties of winter wheat grown—that it is adapted to a very wide range of conditions, including climate and soil. It has successfully matured crops as far north as Minnesota and the Dakotas, and as far south as central Texas, and has made the phenomenal record of sixty-two bushels per acre. Experimental stations everywhere have pronounced this new wheat one of the surest croppers, largest yielders and best quality of milling wheat grown. To all wheat growers who expect to sow wheat or make a change in seed the coming season we would recommend they write at once for catalog and full descriptions of winter wheat, rye, barley, speltz, clover, timothy and other grass seeds. The catalog is free and a postal card will bring it to your door. The address is Ratekin's Seed House, Shenandoah, Iowa.

cars on August 13th. Double berth, accommodating two people, \$1.

Round trip from Des Moines \$5.95. Tickets on sale August 11, 12, 13 and 14. Limit August 31, with privilege of extension to September 30, on payment of 50 cents extra. Special rate one cent a mile from all other points.

Ask your agent to sell you via the M. & St. L. and you will have the best possible trip.

For further particulars, maps, etc., call on your local agent or address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

SUMMER VACATION IN COLORADO.

LOW RATES VIA ROCK ISLAND LINES.

Colorado, as a place for recreation, is the choice of many thousands of summer tourists.

Colorado is a land of clear, pure air and golden sunshine. It is a land of sparkling mountain streams and glassy-surfaced lakes. There are more enjoyable things to do, more grand sights to see in Colorado than any other place under the sun.

From June 1 to September 30 Rock Island Lines will sell summer tourist tickets at rate of \$21.75 from Des Moines, Iowa, to Denver, Colorado Springs or Pueblo and return. Return limit October 31. July 10 to 15, inclusive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.

This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.

Very low rates will also be in effect to Glenwood Springs, Colo., Salt Lake City and Ogden, Utah, Yellowstone National Park and to the Pacific Coast, with cheap rates for side trips to nearby points of interest en route.

New and improved train service via the Rock Island is an important feature for the Colorado traveler to consider.

Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

ROUND TRIP SUMMER RATES VIA RAIL AND BOAT LINES.

The Minneapolis & St. Louis Railroad will sell excursion tickets via rail lines to points in Minnesota, North Dakota, Manitoba, Montana, Oregon, Washington and California. Also, via Great Lakes route to eastern points. On sale daily with return limit October 31st, or until navigation closes. For further information call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 612 Walnut St., Des Moines, Iowa.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

THE AGE OF SHEEP.

"Will you be kind enough to explain how to ascertain the age of sheep? Do you ascertain their ages by their teeth or is there some other way to do this?"
Shenandoah, Iowa. F. E. N.

A lamb at birth has two incisor teeth in the lower jaw (there being no teeth above; only a pad), which sometimes are just pressing through the gums and occasionally well developed. Usually be-



fore it is a month old it has eight, comparatively short, narrow teeth, called milk or lamb teeth (1). At about a year old the two teeth in the center of the jaw are shed and a pair of adult teeth come in as shown at 2. These teeth are fan shaped and are much larger than the lamb teeth. At first these teeth are sharp and clean. Later they become dull, elongated and more or less discolored. When these two teeth come the sheep is usually regarded as a yearling, although this is not always the case, since much depends on the way the sheep has been kept.

Two lamb teeth continue to be shed annually and are replaced by broad teeth until the sheep has eight adult teeth, when it is four years old, or has a full mouth. No. 1 in the illustration shows the appearance of the set of lambs' teeth before any have been shed. No. 2 shows the appearance of a sheep's mouth at one year old; No. 3, the appearance of the lower jaw of a two-year-old; No. 4 shows the mouth of a three-year-old, showing the last two lamb's teeth partially pushed away by the adult teeth on the outside; No. 6 shows the mouth of a four-year-old sheep. No. 5 shows the inside view of a three-year-old sheep, showing the narrow and dwindled appearance of the last two lamb teeth before they are shed.

The teeth afford the most decisive test there is for ascertaining the age of a sheep until it is four years old. Sheep that have been well fed or highly kept, such as show sheep, sometimes get their first

teeth earlier than those not so well cared for.

At six years of age the teeth begin to become narrower and longer, and in a year or so some sheep begin to shed their incisors. This is not always regular, for very much depends on the way they have been fed. Where sheep are required to dig frozen turnips from the ground the teeth will be shed much sooner. A broken-mouthed sheep is said to be older than eight years, although there is nothing definite to indicate this. It has been claimed that the mutton breeds begin to become broken mouthed from two to four years earlier than Merinos, which is probably because English sheep are required to pasture turnips in the ground. We have found English sheep in America, where they do not hurdle turnips, to retain their teeth as long as any other breed.

THE IOWA LIMITED.

The Rock Island lines showed a great deal of tact and cleverness in naming their new "Fast Express" to Chicago "The Iowa Limited."

This train places the Rock Island competitors in the "back row" and is Des Moines' "pet train."

Leaves Des Moines 10:55 p. m., arrives Chicago 8:15 a. m. On the return leaves Chicago 10:00 p. m., arrives Des Moines 7:00 a. m.

The equipment is superb—new coaches and chair cars, Pullman's latest sleepers and mission style diners—electric lighted.

While on the subject of trains we must mention the other good trains.

The Chicago local leaves Des Moines at 6:43 a. m. and arrives in Chicago at 7:35 p. m.

The Rocky Mountain Limited leaves Des Moines at 7:50 a. m. and arrives Chicago at 5:15 p. m.

The Colorado Fast Mail leaves Des Moines at 12:40 noon and arrives Chicago at 10:25 p. m.

The Chicago Express leaves Des Moines at 5:25 p. m. and arrives Chicago at 7:00 a. m.

The Eastern Express leaves Des Moines at 9:35 p. m. and arrives Chicago at 7:17 a. m.

Coming back from Chicago it is just as you desire it.

Leave Chicago.	Arrives Des Moines.
7:30 a. m.	9:00 p. m.
8:30 a. m.	6:00 p. m.
10:00 p. m.	7:00 a. m.
10:32 p. m.	9:00 a. m.
11:30 p. m.	11:00 a. m.
2:15 a. m.	11:00 a. m.

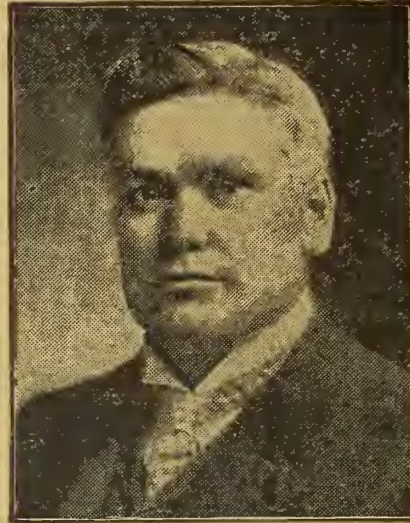
The arrangement for sleeper Chicago to Des Moines on "Fast Mail" train leaving Chicago at 2:15 a. m. is especially made for those who desire to take in the theater and get home before noon the next day. The sleeper is open for occupancy at 10 p. m.

There is nothing too good for Des Moines people and the Rock Island lines are surely giving them what they want.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of Twenty-one days except to points in Louisiana, Ar-

ONE MONTH FREE



T. F. WILLIAMS, M. D.

CONSULTING PHYSICIAN.

more and my hearing is good. If I should need any further treatment I shall be glad to write to you again. The medicines are all right and I think the Vaporizer is fine.

Thanking you for good health, I am,

May God bless you and you remedies"

"Belvidere, Neb., June 5, '06.

Dr. T. F. Williams,
Des Moines, Iowa.

Dear Doctor:—I am feeling excellent at this writing. I have not used more than half of the last treatment, and I think it is needless to take it any longer.

I have a ravenous appetite. I think I could almost eat an iron wedge, I feel that strong.

I shall continue to use the inhalation. I think the little Inhaler a wonderful institution. I find it a preventive of headaches. I have had "others" try it and they say it is ALL RIGHT.

Wishing you success through the remainder of your life, I am,

Very respectfully,

(Miss) Hannah Houts, R. F. D."

"Alva, Okla., April 20, '06.

T. F. Williams, M. D.,
Des Moines, Iowa.

Dear Doctor:—I am feeling so well that I really see no necessity of continuing the treatment. I have a good appetite, bowels are very regular, and I have gained ten or twelve pounds in flesh since taking your treatment. I have a part of the medicine left, which I do not think I will need to take.

My lungs are not uncomfortable any more and my hearing is good. If I should need any further treatment I shall be glad to write to you again. The medicines are all right and I think the Vaporizer is fine.

Thanking you for good health, I am,

Joseph Kiss, Box 69, R. F. D. No. 3.

WRITE ME TODAY---DELAYS ARE DANGEROUS.

CUT THIS COUPON OUT AND SEND AT ONCE.

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,

211-218 Crocker Building, Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name.....

Address

kansas, Texas and Indian Territory which are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific Ry. and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

The Only Hog Waterer.



HAS all the virtues of the others and none of their faults. It won't break, it won't rust, it won't run over nor run dry and best of all it will do its work in the dead of winter. The Only waterer is the product of 25 years experience in raising hogs. Send for our free booklet, "How I raise 1,000 hogs a year," written by the man who did it.

THE ONLY MFG. CO.
Hawarden, Iowa.

ALL STYLES
LOWEST PRICES
SCALES
30 DAYS
FREE TRIAL
FREE CATALOGUE
AMERICAN SCALE CO.
302 FIDELITY TRUST BLDG., KANSAS CITY, MO

COOPER SHEEP DIP

STANDARD OF THE WORLD for 60 years. Used on 250 millions annually. If local druggist cannot supply, send \$1.75 for \$2 (100 gal.) pkt. to WM. COOPER & NEPHEWS, CHICAGO.

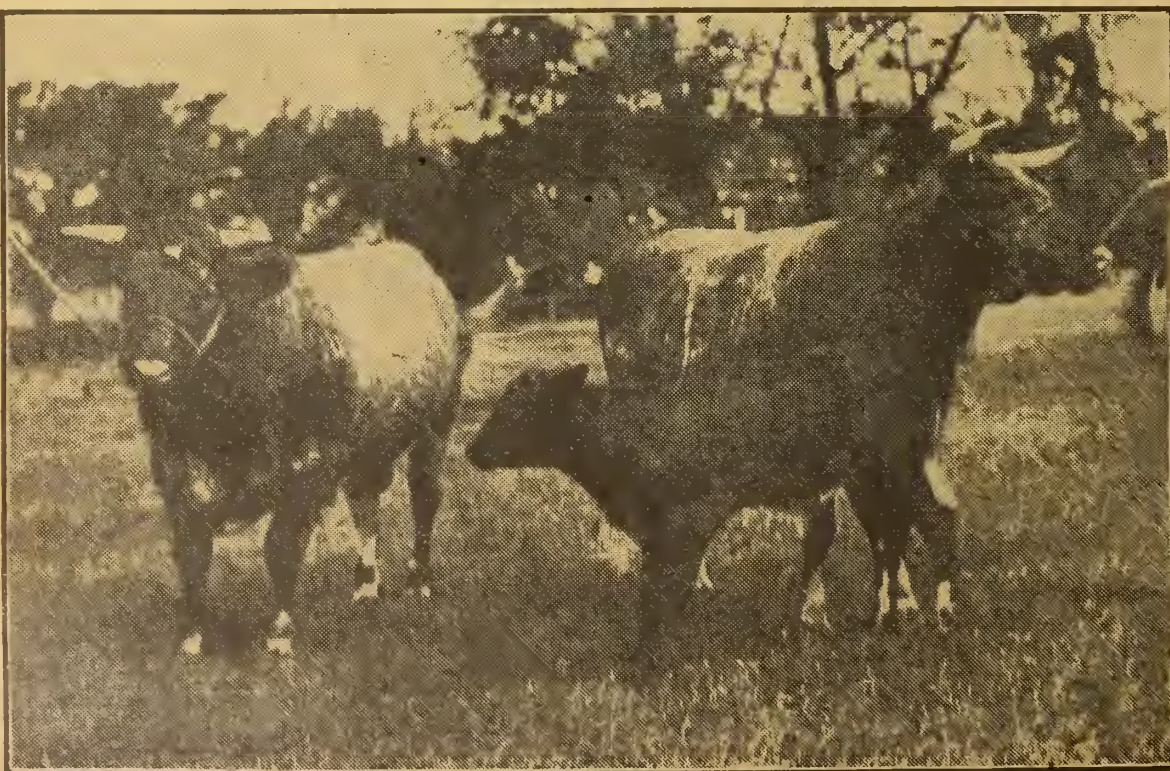
500 Angora Wethers and 500 Does and Kids
FOR sale. These goats can be used for brushing and then fed and sold for mutton. A few American milk goats. A few bucks. Come and see me or write.
Address,
WYATT CARR,
Collins, Iowa.
Farm 1/2 mile from depot. Telephone 44.

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST
CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Nock, Milton, Cooper, Williams and Buttar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KEELERTON, IOWA

FENCE! STRONGEST MADE. Bull Strong, Chicken Tight. Sold to the Farmer at Wholesale Prices. Fully Warranted. Catalog Free. COILED SPRING FENCE CO. Box 20, Winchester, Indiana, U. S. A.



VICTORIA OF GLENWOOD 14TH AND HER FAMILY.

These are but samples of the Short-horns that go in Mr. H. C. Duncan's mid-summer sale at Maple Hill Farm, Wednesday, August 15th. See page 22 for advertisement and write Mr. Duncan to mail you one of his illustrated catalogs, which gives the breeding of some twenty odd head of pure Cruickshank cattle that go in the sale. The balance are from seven-eighths to fifteen-sixteenths Cruickshank.

....LANDS AND HOMES FOR SALE....

THE TWO BEST LARGE FARMS

I OFFER for sale two large farms at the greatest sacrifice. The sale is being forced by creditors. Wise men know creditors are merciless. Then bargains are to be had. Will sell 1,760 acres, fourteen miles south of Kansas City, for \$125,000.00. It has best improvements; best soil; best water and best feed lots; best transportation. It's worth \$150 an acre. Also the most noted Short-horn farm in the United States. Improvements best and cost \$75,000.00. Land all in grass; best limestone soil. Worth \$75 an acre. There are 1,940 acres. In perfect condition. No expense on improvements for many years. Will sell for \$90,000.00. Either for one-third cash, balance long time at 5 per cent. Write for full description.

J. H. LIPSCOMB, 311 Fidelity Trust Bldg., Kansas City, Missouri

WILLAMETTE VALLEY LANDS FOR SALE.

LARGE crops—fertile soil—perfect physical health in the Willamette Valley. Low prices for land under cultivation, or large acreage for Colonies. Let us send facts and figures. Oregon Farm & Home Land Co., 607 McKay Bldg., Portland, Ore.

LOOKING FOR LAND?

LANDS in the great Solomon Valley. Crops are corn, wheat, alfalfa. Prices low considering quality. Write for list and map. DOWNS REALTY CO., DOWNS, KANSAS.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

FARMS In western Kansas at owners' prices. Dodge City Realty Co., Dodge City, Kan.

FOR Sale—Well improved 395-acre Wisconsin farm. Price \$8,000.00; easy terms. FRANK CLEVELAND, 1052 Adams Express Bldg., Chicago, Ill.

COLORADO, ROUTE COUNTY, IRRIGATED RANCHES. B. L. Dart, Yampa, Col.

THE OMAHA COMMERCIAL COLLEGE.

Prof. M. G. Rohrbough, president of the Omaha Commercial College, says: "We are in the midst of a very prosperous era. The demand for high-grade help is an infallible barometer that registers not only the necessities, but the expectations of business men. In more than twenty years of constant contact with employers, I have never known the demand for competent young people to be so large. We cannot begin to supply our requests for strictly first-class stenographers and bookkeepers. The most notable thing about these requests is that employers are more exacting in their requirements than they used to be, but while they exact more they are willing to pay more. The demand for young lady stenographers is large, but the requests for thoroughly competent male stenographers is unprecedented. Last year was the largest in our history. We expect a very large enrollment this fall. Fortunately, we are now in our large, new building, and have ample room for the future. To an outsider, running a commercial college may seem an easy proposition. I have found it a strenuous one. The responsibility of caring for a large number of young people is very great. While it brings many pleasures it imposes some burdens. The ambitious ones never give us serious concern, but the sluggards often do. Happily, we do not have many of the latter kind. You newspaper fellows need not think you have all the work. I am willing to concede that you have lots of money." The Omaha Commercial College have an advertisement this week on page 6.

NEW HOMES IN THE WEST—SHOSHONE RESERVATION TO BE OPENED TO SETTLEMENT.

Chicago & Northwestern Railway announces round trip excursion rates from all points July 12th to 29th. Less than one fare for the round trip to Shoshoni, Wyoming, the reservation border.

The only all rail route to the reservation border.

Dates of registration July 16th to 31st at Shoshoni and Lander. Reached only by the Chicago & Northwestern Railway.

Write for pamphlets, telling how to take up one of these attractive homesteads.

Information, maps and pamphlets free on request to S. F. Miller, Assistant General Freight and Passenger Agent, C. & N. W. Ry., Omaha, Neb.

EACH TUESDAY THIS YEAR

THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HARVEST HANDS—NORTHWEST.

For parties of five traveling together on one ticket, The Chicago Great Western Railway will have on sale the entire month of August tickets at rate of \$14.50 per capita to nearly all points on the Great Northern, Nor. Pacific and Soo Lines in Minnesota, North and South Dakota. On the return trip, rate will be \$1.50 higher. For full particulars address E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.



WE BUILD YOU A HOUSE FREE OF CHARGE

and sell you fertile land at a low price and on easy terms, within 25 miles of St. Paul and Minneapolis. This is the greatest proposition ever made to readers of this paper. You have your choice of 40 acres or more out of two million acres of the splendid lands of Northwestern Wisconsin. The price is only \$7.50 to \$12.50 an acre, and to give you a good start we will build the finest frame house in the world, pure soft water, ample rainfall, land that will grow the FINEST KIND OF CROPS. What more can you ask? Write TO-DAY for MAPS and FULL INFORMATION.

AMERICAN COLONIZATION CO., Cumberland, Wisconsin
603 Opera House Block

WE GIVE YOU TEN YEARS TIME

In which to pay for

Farm and Ranch Land in Kansas, Nebraska and Colorado

All you need to make the land pay for itself and also make you and your family independent for life. Low Prices. Write for full information. FREE.

B. A. McALLISTER, Land Commissioner, U. P. R. R., Omaha, Nebraska



FARM LANDS FOR SALE.



THE CHEAPEST AND THE BEST ON THE MARKET.

THESE lands are in southern Minnesota and South Dakota; in Yellow Medicine county, Minnesota, and Deuel county, South Dakota, in the fourth tier of counties north of Iowa. You can raise anything in these parts that you can raise in northern Iowa. A good corn and stock country. These lands lie well, good black soil. Failures unknown in these parts. Lands for one half the price that you can buy Iowa lands for. Improved farms from \$30 to \$40 per acre, wild lands from \$20 to \$30. Why go to North Dakota and Canada and pay practically the same for those lands that you would pay us? Buy your round trip tickets to Gary, South Dakota, over the C. & N. W. Ry., take receipt, bring the same to us, we will refund your fare on any purchase. Excursions every Tuesday. For full particulars write, GEORGE W. JOHNSON LANDS COMPANY, State Bank, Gary, South Dakota.

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED. PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF, THE LAND MAN, 415 KANSAS AVENUE, TOPEKA, KANSAS.

Have a Home Of Your Own

ALONG the Kansas City Southern Railway. Have all kinds of land from Kansas City to the Gulf. Timber, Rice, Mineral, Fruit and land for general farming. Best of climate and soil, in western Arkansas, and eastern Oklahoma. Improved land from \$6 to \$10 per acre, will double in a year. Also improved farms at great bargains. For circulars, and further information call or write,

J. W. JENSEN, 84 ADAMS ST., ROOM 31, CHICAGO.

BUY A FARM NOW.

ALL good FARM LAND must advance with our increase in population. We sell good land in KANSAS and TEXAS, at \$6 to \$10 per acre. Good climate; good water. One crop pays for the land. JOIN OUR NEXT EXCURSION.

T. CARRABINE & CO., Opposite P.O., 301 Century Bldg., Kansas City, Mo.

For Sale or Exchange

640 ACRES in Wilkins county, Minnesota. Well improved, handy to market, 400 acres cultivation, balance hay and pasture; well drained and nicely located. Live stock, merchandise or income property taken as part payment. Address, BOX 81, INDEPENDENCE, IA.

KING AND QUEEN COUNTRY.

CORN is King and Wheat is Queen in northeast Kansas. Blackgrass sits in the shade of fine tall timber and judges herds of fine stock and with Alfalfa, Clover and Timothy execute the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want to S. M. Strawn, Valley Falls, Jefferson Co., Kan.

"FACTS about the Wichita Falls Country" is the title of our new illustrated folder; it contains a good map of Texas, together with reliable information concerning this section; we will be pleased to mail it upon request to those in search of a healthy, fertile country, where wheat, small grain, cotton and fruit are raised in abundance. Address, Cobb, Bean & Stone, Wichita Falls, Texas.

NORTH MISSOURI FARMS FOR SALE. Send for list of special bargains. Savage & Wilkins, Leclade, Idm county, Mo.

IOWA FARMS

120 ACRES 4 miles from town of 8,000 population; fine, level, black prairie land; well improved; good home farm. Will sell on favorable terms.
160 ACRES 6 miles from Independence; 2 miles from creamery, store and blacksmith shop; near school and church; rich land; good improvements; good orchard and small fruit; fine home.
200 ACRES 5 miles from Independence; 3 miles from a good market town; good black land; well improved.
Write for prices and terms and send for our new list with pictures.

NORTHERN IOWA LAND CO., Independence, Iowa.

Farm for Sale

240 ACRES, 2 miles southwest of Collins, Story Co., Ia., on main line C. M. & St. P. R. Has 6 room house, barn, cribs, granaries, good wells, some fruit. This land is the deep, black loam soil, the kind that is inexhaustible. With a little more tile every acre will be plow land. Will be sold cheap to close an estate. W. H. Thompson, Ref., Collins, Ia.

Special Bargain

465 ACRE farm, well improved. One of the very best in Jackson Co., Minnesota. Price \$45 on quick sale. Call at once about this deal and arrange to see it. The same kind of a farm 15 miles south, in Ia., would be worth \$75. WESTERN FARM LAND & REALTY COMPANY, 908 N. Y. Life Bldg., Kansas City, Mo.

DON'T GO WRONG

YOU'LL never regret it, if you buy a MADISON COUNTY, IOWA, Farm of me. We have them for sale, all sizes, the best of land, and LOW PRICES. Write today, for large descriptive list free. SEE this country, and its crops, before you decide—then you'll buy here. Write to

E. E. McCALL, WINTERSSET, IOWA.

IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1906 descriptive list. Address, J. G. SHIVER, WINTERSSET, IOWA.

Farms! Farms!

I HAVE farms for sale in tracts of 40 to 700 acres in this country where crops never fail, from \$20 to \$50. Wheat and alfalfa land in western Kan., \$5 to \$10. Send for list and map, or come and see me. Excursion August 7th and 21st. Address, J. W. Bronston, Im. Agt., Mo. Pac., Garnett, Kan.

IMPROVED FARM FOR SALE

BY owner. Equal to good Iowa farm at one-half the price. 480 acres, \$10,000 cash, balance 6 per cent, or can be divided. Write for information to J. F. Schwantes, Big Stone, South Dakota.

DO! IT! NOW!

ANYONE wishing to sell or trade their farm or income property, no matter where located, should write me at once, enclosing stamp for reply. Address, A. P. Frederickson, Thurman, Ia.

Farm Loans a Specialty.

If you want a reasonable loan on your farm at low rate of interest I can place it. DEFOREST BOWMAN, BROKER, 709 Citizens Nat'l Bank Bldg., Des Moines, Ia. Local solicitors wanted throughout Iowa.

I CAN SELL YOUR FARM,

HOME or business! No matter where located, for cash in less than 90 days, 1,500 sales agents. Don't wait. Write today, giving description and cash price. A. Edgar Davis, Real Estate Broker, Home Dept., Lincoln, Neb.

We Will Take In Registered Stock
As part payment for some of our first class improved

North Dakota LAND

The best in America. Send for our illustrated land book. Write us what kind of stock you have and how you wish to deal.

J. B. STREETER, JR., COMPANY, BANKERS, North Dakota
Capital and Surplus, \$250,000. Responsible Agents wanted everywhere.

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and beet water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, HAMILTON BROS., WINTERSSET, IOWA

WANTED

A RELIABLE, experienced land and exchange man with references to take charge of our Farm and Exchange Department. Permanent and profitable position with established business.

MALCOLM V. BOLTON & CO., CEDAR RAPIDS, IA.

LAND, LAND, LAND. Cheap Nebraska Lands.

WE can sell you land in Lincoln, Keith, Perkins, and Deuel counties. All rich soil, at from \$3 to \$12 per acre, and will sell you land in Buffalo, Dawson, Custer, and Phelps counties, at from \$10 to \$60 per acre. We hold the belt of cheap Nebraska lands. Write us for our new price list just out. We sell dirt cheap.

W. F. SMITH REALTY CO., KEARNEY, NEBRASKA.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer, 415 KANSAS AVENUE, TOPEKA, KAN.

FREE.

A Vest-Pocket Indexed Township Map of the STATE OF WISCONSIN, and also information about the Selected Hardwood Timber Lands, Drained Marsh Lands, and other varieties of land owned by me. Write me if you wish to find a new home in a good farming community. We have good climate, good water, good schools, good roads and good crops. Prices and terms reasonable. Address, WM. J. STARR 23 Ingram Bldg., Eau Claire, Wis.

160 ACRE FARM CHEAP NEAR KANSAS CITY, MISSOURI.

160 ACRES in Jackson County, Mo., best black soil, land level, all in grass, plenty of fruit, well fenced, fine 7-room residence, and other good improvements, near good town and R. R., 23 miles from Kansas City, cash price \$35.00 per acre. For photographs, descriptions and particulars, Address, A. J. JONES & CO., PLEASANT HILL, MO.

GEORGIA

THE home of profitable FRUIT and TURKEY farming, presents today, most unusual opportunities for the NORTHERN FARMER. Write us for FACTS about this favored section. BUSINESS OPENINGS in CECIL, a growing city in the midst of a rich agricultural district. SOUTHERN REAL ESTATE & LOAN COMPANY, Inc., TIFTON, GEORGIA

Central Missouri Farms

IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address, W. Ed. Jameson, Fulton, Mo.

JOIN MY ARKANSAS COLONY

AND get a good home where land is cheap and the climate fine. Write me your wants by return mail. F. H. PETTS, WARSAW, MO.

YOUR MONEY'S WORTH

IN KANSAS LAND. WRITE, M. A. Nonken Land Agt'y, Peabody, Kan.

BECKTELL THE LAND MAN OF Macksaville, Stafford Co., Kan., sells wheat land to the west line of the state. Write him. State map free.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Aug. 8, J. D. Nidlinger, Decatur, Ind.
 Aug. 14, Geo. W. Trone, Rushville, Ill.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Skeen, South Auburn, Neb.
 Sept. 26, Peek & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 1, E. Z. Russell, Blair, Neb.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Osborn, Weston, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 10, T. W. Stoner & Son, Henry, Ill.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, W. A. Foster, Greenfield, Iowa.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Betbany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. Finch, Mt. Ayr, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Oct. 15, A. J. Epley, Wabash, Ind.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. H. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannan City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannan City, Ia.
 Oct. 20, M. Miblis, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer, Rusville, Ill., will sell at Bushnell, Ill.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Maris, Polk City, Iowa.
 Oct. 26, Manlove Bros. & Griffiths at Bowen, Ill.
 Oct. 27, Cutler, Reil & Cooper at Carthage, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 3, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. G. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manilla, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Weber, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rusville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, W. R. Bennetbum, Madrid, Iowa.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa, Bred Sow Sale.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, Harry Riggan and C. T. Rogers, at Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Maris, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldom & Sons, Shannan City, Iowa.
 Feb. 20, White & Dewey, Shannan City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, Dewey & White, Shannan City, Iowa.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 29, Albert McMahon, Craig, Neb.

O. I. C. HOGS.

Nov. 2, O. L. Kerr, Independence, Mo.
 SHROPSHIRE SHEEP.
 Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
 SHORT-HORN CATTLE AND TROTTER-BRED HORSES.
 Aug. 8, Geo. L. Belcher, Carrollton, Mo.
 THOROUGHbred HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Aug. 7, W. H. Earles, Milwaukee, Wis.
 Aug. 15, H. C. Duncan, Osborn, Mo.
 Aug. 16, Flynn Farm Co., Des Moines, Iowa.
 Aug. 17, Wm. Smiley, Malcom, Iowa.
 Aug. 21, W. R. Jones and D. H. Gelmen, Rusville, Ill.
 Sept. 7, Combination sale, D. J. Cronin, Mgr., O'Neill, Neb.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Aug. 22, Claus Johnson & Sons, P. Hancher, G. Hewlett and T. H. Fisher, Rolfe, Iowa.
 Aug. 23, L. Brodsky, Plover, Iowa.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. James, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 12, Closing out sale, J. E. Parkhurst, Clearfield, Iowa.
 Oct. 15, A. J. Graves & Son, Ames, Iowa.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Esterville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 23, T. A. Davenport, Belmond, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.

HEREFORDS.

Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 POLAND CHINAS.
 Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanfta City, Ill.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Pesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionherger, Humboldt, Neb.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.

ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.

Sept. 14, Combination Sale, J. F. Schohy, secretary, Algona, Iowa.
 POLLED DURHAMS.
 Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.

ABERDEEN ANGUS.

Aug. 14, C. H. Gardner, Blandinsville, Ill., at Galesburg, Ill.
 Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quincy, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
 SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.
 POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reese, Prescott, Iowa.

Dates Claimed for Live Stock Sales.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 STANDARD BRED AND DRAFT HORSES.
 Sept. 26, McNeil Bros., Bowen, Ill.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 HEREFORDS AND SHORT-HORNS.
 Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

FIELD NOTES.

Mr. W. W. Wheeler, of Harlan, Iowa, has a few Hereford bulls for sale.
 Large Improved Yorksires are offered for sale by Mr. F. Rabeier, of Leigh, Neb.
 A small herd of Short-horn cows are for sale by Mr. Delmar McCann, of Kennard, Neb.
 Two good Orion boars are offered for sale by Messrs. A. B. Easter & Son, of Fremont, Neb.
 Four good young Short-horn bulls are offered for sale by Mr. W. E. Cutler, of Corydon, Iowa.
 Seven choice young Short-horn hells are offered for sale by Messrs. Reubel Bros., of Rockwell City, Iowa.
 Mr. H. J. Hess, of Waterloo, Iowa, will hold a sale of Aberdeen Angus cattle at Waterloo, Iowa, on January 16th.
 Mr. M. M. Elmendorf, of Lacona, Iowa, the Duroc Jersey breeder, offers bred sows, fall hogs and gilts for sale.
 Messrs. John Viles & Son, of Vinton, Iowa, will make low prices on ginseng roots and seeds. Their advertisement appears on page 5.
 Messrs. Young & Duncan, of Madison, Neb., offer a grand lot of Poland China boars for sale. They have lots of size, with ample quality.
 If any of our readers wish to purchase Homer pigeons they will find them advertised on page 13 of this issue by Messrs. J. G. Viles & Son, of Vinton, Iowa.
 Kansas farms ranging in size from forty to 700 acres, and alfalfa lands in western Kansas are advertised for sale on page 15 of this issue by Mr. J. W. Bronston, of Garnett, Kan.

The best bunch of Duroc Jersey pigs that Mr. Smith Brown, of Waterloo, Neb., ever raised are now on his farm. Book an order with him and you will get the best. Write him at once.
 Mr. E. E. Etter, of Utica, Neb., is now offering some very good spring pigs sired by 2d Surprise, Redeemer and a son of Duroc Challenger. If you want size and finish write this gentleman.
 Twelve head of young Aberdeen Angus bulls are offered for sale by Messrs. White Bros., of Perry, Iowa. They belong to the Blackbird, K. Pride, Trojan Erica and Queen Mother families.

Choice Duroc Jersey pigs by Ohio Chief, Proud Advance, American Royal and Brilliant, and by the Iowa State Fair prize winning boar, Ben Davis, are offered for sale by Mr. J. S. Teal, of Lamoni, Iowa.
 Thirty fall hogs and forty spring boars, sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddier Boy and Correct I know, are offered for sale by Messrs. Henry Bros., of LeMars, Iowa.

The Ardmore Stock Company, of Holstein, Iowa, are offering a few good young Short-horn bulls for sale sired by Imp. Scottish Pride and Imp. Lord Mount Stephen. They also have a grand lot of Berkshires for sale.

The Fisher Live Stock Company are offering some very good Chester Whites in our columns. Look up the advertisement on page 20 and write them for prices. They will price worth the money. Write them at Hastings, Neb.
 Anyone wanting a Poland China boar sired by a 1,000-pound bog should write Dr. H. Pritchard, of Wisner, Neb. He has a nice bunch by his noted boar, Big Tom, as well as a good bunch by Wisner Chief, a son of Chief Tecumseh 3d.
 Those of our readers who are thinking of making cement fence posts or using concrete building blocks, would do well to write to the Equitable Specialty Company, of Des Moines, Iowa, for catalog. Their advertisement appears on page 21.
 Mr. Jesse Gouge, of Waterloo, Iowa, wants registered cattle in exchange for a good quarter section of prairie land located in the Red River Valley, twenty miles northeast of Crookston, Minn. His advertisement appears on page 24 of this issue.

Mr. A. Wilson, of Bethany, Neb., has some very fine pigs sired by Aethelred by Tip Top Notcher. Also some by Morrison's Bell Top, Oblo Chief and a son of Crimson Wonder. He purchased the top sow, Morrison's Peach last winter for \$410. She has a very fine litter by Ohio Chief.
 Mr. Tbos. Nelson, of Clay Center, Neb., is in line to make them all go some this fall. He has as fine a crop of spring pigs as we have seen and with the line of breeding back of them they should be more appreciative than ever. Mr. Nelson has one of the best sons of Improver 2d at the head of his herd. Improver Jr. is a very large hog, with a good, strong back, good, heavy bone, nice head and ear and a very good length. His get are very much of his type. One of these would not hurt any man's good herd.

Mr. Nelson will probably be at the fairs this fall with a class of good youngsters. You should keep your eyes open for his show. The sows in the herd trace to Ohio Chief and other noted sires.

Mr. A. E. Poush, of Chariton, Iowa, writes: "I have choice Duroc Jersey boar pigs by five of the most noted prize-winning sires and I am now booking orders for fall trade. Just tell the Duroc Jersey men who are looking for a boar that I have the goods and will price them right."

Messrs. Dice & Garber, of Beaver Crossing, are still doing a good business in the Duroc line. This reliable firm have always made it a point to ship out only the tops and this alone is responsible for the many orders received. Look up the advertisement on page 22 and write them.

Mr. W. A. Kirkpatrick has some very fine spring pigs sired by a son of the great Crimson Wonder. This yearling has many good pigs that will please you. Remember what the Crimson Wonder blood did last fall at the shows. If you are interested write Mr. Kirkpatrick, at Lincoln, Neb.

Mr. F. A. Ham, of Saronville, Neb., has for sale several yearling sows bred for September farrow, and two two-year-olds. They are all in good condition, not very fat, and will be priced cheap if taken at once. He also has a nice lot of spring pigs sired by Ham's Challenger and Theodore 2d.

Mr. O. L. Mossman, of Polk City, Iowa, breeder of Duroc Jersey swine, claims January 28, 1907, for his spring sale. Mr. Mossman has a likely bunch coming and breeders will do well to make a note of his sale date and aim to attend. His regular card will start in the columns of The Homestead soon.

A 480-acre improved farm is offered for sale by the owner, Mr. J. F. Schwantes, of Big Stone, S. D., in his advertisement on page 15 of this issue. Mr. Schwantes considers this land equal to good Iowa farm land, and he proposes to sell it at half the price. Write him for further particulars in regard to it.

If any of our readers want a good young Scotch bull it will pay them to go and see Messrs. C. W. Daws & Son, of Harlan, Iowa. They have two choice youngsters sired by the International champion, Nonpareil King, besides several other good young bulls. If it is quality and individual merit you want you will find it in the Daws bulls.

F. A. Kruse, of Waco, Neb., is having good luck with his pigs. He is now offering some choice pigs sired by his herd boar, Fashion Improver Jr. Mr. Kruse also offers some choice pigs by 2d Surprise Redeemer. This young breeder has some very good pigs and you cannot go wrong by writing him about them. Mention The Homestead when writing.

A Poland China brood sow sale that should command the attention of all progressive breeders is announced by Mr. A. W. Holland, of New London, Iowa, on November 9th. Mr. Holland is one that takes pride in his stock and will put up the best lot of open brood sows in his fall sale that he has ever raised. Watch for announcement before sale time.

Mr. J. S. Price, breeder of Poland China swine, of Muscatine, Iowa, writes that he has recently purchased the show and breeding boar, T. R. Perfection 62942, of Mr. E. H. Ware, of Douglass, Ill., and that he now has him at his home farm which is in Rock Island county, just across the river from Muscatine. Mr. Price gives the consideration as \$1,000.

Mr. Henry Dorr, of Remsen, Iowa, the well-known Poland China breeder, writes: "My hogs are doing fine and I never had a more even bunch at this season of the year. I will have fifty boars for sale, fourteen of which are fall boars. Just say to Homestead readers that the first come first served, and I will not ship out a pig that I don't think is all right."

Mr. W. H. Thompson, referee, of Collins, Iowa, is offering a 240-acre farm near Collins, Story county, Iowa, for sale in his advertisement on page 15 of this issue. There is a six-room house, corn cribs, granaries, good well and some fruit on the place. The land is a deep black loam soil and with a little more tiling every acre is plow land. It will be sold cheap to close an estate.

Two hundred March pigs to select from is the record of Mr. Chas. M. Hulbert, the Poland China man at Oakland, Neb. These are sired by Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three of the best boars in Nebraska. He has a few good fall boars for sale and will book an order for a spring pig at any time. If you want a Poland China boar it will pay you to see Mr. Hulbert. He has just what you are looking after.

Mr. Oliver Hammers, of Malvern, Iowa, one of the best-known Aberdeen Angus breeders in the state, has over 100 head of cattle now on his farm, which represent the best-known families of the breed. He has a grand lot of young bulls on hand, nearly all of which are sired by his imported Pride bull, Plumer 41321. Anyone wanting a good young Aberdeen Angus bull will find just what they want in this bunch, both in the individual merit and in point of breeding.

A reader of The Homestead who wishes to change his location and desires to buy land in Missouri will be interested in the announcement of Messrs. A. J. Jones & Co., of Pleasant Hill, Mo., that appears on page 15 of this issue. They are offering 160 acres in Jackson county of the best black soil, level land; all in grass; plenty of fruit; well fenced, and a fine seven-room house and other good improvements, at the low price of \$35 per acre. For further particulars read the advertisement and address the advertisers as above.

Mr. L. L. Overholser, of Diagonal, Iowa, has a good crop of Durocs again this year and his October 17th sale will contain only the tops of the spring pigs. The sire of most of his pigs is King Walnut 37893, a son of Improver II., but he also has pigs by his well-known boar, Ringleader 37811, as well as several litters by outside boars. Bonny Maxwell, a daughter of King Perfection, and one of his best brood sows, has a splendid litter by Proud Advance Jr., and Keepsake Lady has a good Ringleader litter. The latter sow farrowed twelve pigs, six sows and six boars. Another good sow, Percy 2d, has a

nice litter by King Walnut, and Iowa Queen Girl has a litter by the old sweepstakes boar, King Perfection. Mr. Overholser will sell some matured brood sows in his coming sale and these will all be bred to Ringloader. Watch for his announcement in due time.

Mr. Roy Stacy, of Rockelle, Ill., breeder of Duroc Jersey swine, writes: "I am not raising as many pigs as I generally do, but what I have I am giving extra care. They have in them the blood of such hogs as the grand boar, Ohio Chief. I would be pleased to hear from any of The Homestead readers who are looking for a good boar." See his advertisement on page 21.

"My pigs," writes Mr. B. R. Burt, of Coggon, Iowa, breeder of Chester White swine, in sending in copy for his advertisement found on page 19, "are coming along in good shape. I have a nice lot of hogs to choose from which will bear a close inspection. I will meet those who desire to see my stock at the train and give free accommodation. Good connections can be made at Cedar Rapids and Manchester, and I can ship either by American or United States express. Those in need of a good Chester White, should drop me a line, as my prices will be reasonable."

We are always glad to call to the attention of our readers the merits of good stock, regardless of the breed, be it horses, cattle, hogs, sheep or poultry. At this time the firm of Messrs. Hanks & Bishop, of New London, Iowa, breeders of Durocs, are in mind. A representative of The Homestead recently inspected the herd above mentioned and was well pleased with this year's pig crop. Messrs. Hanks & Bishop will show at the Iowa State Fair some of their "pets," and breeders will do well to look them over carefully. At a later date their card will be found in the columns of The Homestead.

In sending in copy for his advertisement found on page 23 of this issue of The Homestead, Mr. John Lefebure, of Fairfax, Iowa, breeder of Short-horn cattle, writes that he has for sale several Scotch and Scotch-topped cows and heifers which will be sold very reasonable. Many of these cows have calves at foot, and are rebred, while others are soon due to calve. Mr. Lefebure is thoroughly reliable and his Short-horn herd ranks among the best. Homestead readers cannot go wrong in writing or calling on him if in need of high-grade stock. Mr. Lefebure also has a nice lot of thrifty spring pigs of the Chester White variety for sale. Write him for prices and full particulars, and mention The Homestead.

Messrs. Maasdam & Wheeler, of Fairfield, Iowa, are well stocked with good horses of the draft type. They have something like fifty head, all of their own breeding. The kind they raise are good ones, which may be seen at their showing this coming state fair time. Horsemen well know what they did last year at Des Moines. At a future date Mr. E. G. Wheeler, one of the firm, will cross the water on an inspection of the good ones over there, and the writer predicts he will return with a nice string, being an excellent judge of horses. They will announce in The Homestead, in the near future, just what they have for sale. Horsemen should watch for their card, and when writing them kindly mention The Homestead.

Mr. Austin Renshaw, of Blair, Neb., breeder of Duroc Jersey swine, writes: "My pigs are coming along nicely; have only twenty-six March pigs, but they are good ones. Have seventy-five of April farrow, and several of May. Have one litter by a Lady Alix gilt and sired by Arion; five litters by Junior Jim and Lady Alix gilts; also have an extra good litter by Long Alix and a Dandelion 2d sow. Will be pleased to hear from former customers, as well as new ones. I have good stock and will sell at reasonable prices. All my pigs have free range of good clover and alfalfa pastures and are built up for future usefulness. I find The Homestead the best medium to reach the buyer I have tried." See his advertisement on page 19.

Mr. Grant Davidson, of Manson, Iowa, the Duroc Jersey breeder who owns Crimson Wonder I am, the Iowa State Fair sweepstakes boar, has a good crop of about sixty pigs this year. These are all sired by Crimson Wonder I am and Iowa Wonder, the latter being his new boar. The present crop of pigs are nearly all out of Dandy Orion and Crimson Wonder sows and are good in color, nice in head and ear and are going to make a splendid offering for the fall trade. His old Leo Tolstoy sow, American Belle, saved nine pigs out of a litter of fourteen by Iowa Wonder and Mr. Davidson expects to get one or two out of the litter that will turn out as good as his old sweepstakes hog. We will enlighten our readers on the outcome later in the season.

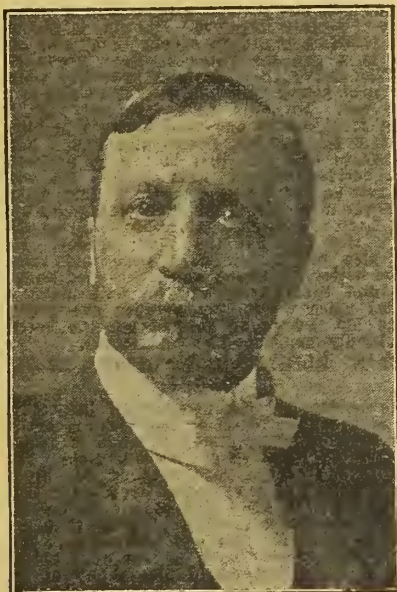
Mr. G. H. George, of Monticello, Iowa, is the proprietor of one of the best Scotch herds of Short-horns in central Iowa. Among his breeding cows are represented some of the most approved and select strains of Scotch blood now extant. Mr. George is now offering for sale his splendid two-year-old Short-horn bull, Ring Master. This bull weighs 2,200 pounds and is fit for the show ring on a moment's notice. He has been exhibited with marked success at the International. Inasmuch as Mr. George has other herd bulls he cannot use this fellow to advantage and is offering him to head some good herd of Scotch Short-horns. He is a very smooth bull, carrying a wealth of flesh evenly laid on. Mr. George will be pleased to make a price on this bull to some appreciative buyer.

On August 22d Messrs. M. P. Hancher, Claus Johnson & Sons, A. G. Hewlett and Thos. A. Fisher, all well-known breeders of Short-horn cattle, at Rolfe, Iowa, will hold a public sale at the farm of Mr. Hancher, near town. Included in this sale will be some splendidly-bred and exceptionally choice Scotch and Scotch-topped bulls, as well as some grand, good cows and heifers. Among the choice bulls in the sale will be Choice Goods Ury, a ten-months-old son of Carter's Choice Goods, one of the greatest sons of the famous old Choice Goods. His dam is Ury Lady of Roseneath by Morning Star and he traces to the Ury tribe. He is a nice red, with lots of style and character and will make a good herd header for someone who is looking for a Scotch bull. Messrs. Claus Johnson & Sons will offer Mysie's Lad, one of the most richly bred Mysies that will be

sold this year, and he is another herd-heading proposition. He is a red in color and will be one of the good things in the sale. Mr. Thos. Fisher will offer a son of his former old Scotch bull, Prince Athene, and he is one of the best individuals that will go into the sale. Mr. Hewlett will sell a number of bulls by Aberdeen Prince, and fifteen head of females. There will be a number of excellent Scotch cows in the offering and it will pay Short-horn breeders to attend this sale. Homestead readers should write at once for catalog to Mr. M. P. Hancher, Rolfe, Iowa, and please mention The Homestead.

Messrs. Rosenfeld & Siverly, proprietors of the Rosengift Farm herd of Aberdeen Angus cattle, of Kelley, Iowa, in sending in Angus copy for their advertisement found on page 24 of this issue of The Homestead, write: "We beg to report that at the Pierce Dispersion sale we were the purchasers of Blackene 72214, the three-year-old Blackbird bull that Messrs. Pierce had been using in their herd, which should be a guarantee that he is a high-class bull. Blackene was purchased after an inspection of his calves, and on the seasoned judgment of some of our old breeders. Quality Laddie has been disposed of and Blackene will be the head of the herd from now on, assisted by Keillor Victor 3d. Cattle at Rosengift never looked better and the calves are doing especially well and number around twenty. Riveton Pride 2d has a splendid bull sired by Keilberg that we think is very promising."

We publish herewith a half-tone of Mr. O. H. Longwell, president Highland Park College, Des Moines, Iowa, one of the most prosperous schools in the middle West. Mr. Longwell is one of the oldest and best-known



educators in the state, and mainly through his efforts has the school been pushed to the very front ranks of Iowa educational institutions. The school is offering a fine course of instruction and any of our readers can get a catalog by sending to President Longwell and kindly mentioning this paper.

LIVINGSTON'S PIGS DOING EXTRA FINE.

The well-known breeder, Mr. T. L. Livingston, of Burchard, Neb., is rounding up his pigs in good shape. Mr. Livingston always has some of the good ones and you can depend on this herd for the right kind. Watch for his advertisement in September.

OLD ENGLISH SHEPHERD DOGS.

Mr. J. G. Truman, of Bushnell, Ill., manager of Truman's Pioneer Stud, has several imported English shepherd dogs which he will be glad to furnish prices on to readers of The Homestead. These dogs are from imported stock and are well trained. Kindly mention The Homestead when writing.

SCOTCH COLLIES.

Messrs. Manlove Bros. & Norris, of Bowen, Ill., have some very well trained Scotch Collie pups for sale which they will be glad to dispose of at reasonable prices. Any reader of The Homestead will do well to write this firm if wanting a Scotch Collie, as per advertisement on page 22 of this issue, mentioning The Homestead.

A PERCHERON STALLION FOR SALE.

Messrs. Marston Bros., of Mason City, Iowa, have a large, heavy-boned, bay, four-year-old Percheron stallion for sale cheap. He is a ton stallion in condition. He is thin now, as he has been in service and has made half of a team all season in the field. He is thoroughly well broken and of fine, tractable disposition. Call on Dr. Marston, 109 1/2 South Main street, Mason City, Iowa.

SCOTCH BULLS.

Mr. Henry Matern, of Lonestan, Ill., has a new advertisement on page 19 of this issue in which he is offering two extra good Short-horn bulls for sale. They are pure Scotch in breeding and are individually good enough to head some of the strong herds of the breed. Further information in these columns next week. Write Mr. Matern if in need of a good Scotch bull, kindly mentioning The Homestead.

BRODSKY'S GREAT SHORT-HORN SALE.

One of the great closing out sales of the year will be that of Mr. L. Brodsky, of Plover, Iowa, on August 23d. No sale held so far this year has contained such a high per cent of Scotch cattle as will be offered in the Brodsky sale. He will sell seventeen head of richly-bred Mysies and sixteen Dorothys, two of his most noted and best families, besides a lot of other well-known Scotch families. The Dorothys have become noted all over the West both for their milking and fleshing qualities, and the Brodsky herd has been the foundation source of this family in the West. He will offer six choice-bred Miss Ramsdens and two Miss Buckinghams. There will be ninety head in the sale and

fifty head of these will be straight Scotch cattle. It is an absolute closing out sale, as Mr. Brodsky is retiring from the business. There will therefore be some great bargains in Scotch cattle in this offering. Homestead readers should write at once for his catalog and please mention The Homestead.

IOWA FARMS.

Messrs. Hamilton Bros., of Winterset, Iowa, whose advertisement appears on page 15, write us that they have the finest list of Iowa farms for sale this year that they have ever had, and can sell them at prices that make them bargains. These farms are well improved and are located in the great corn and blue grass region of the state. Send for the list which contains some fine bargains. The terms are most liberal to purchasers.

BUY A WRIGHT STOCK FEEDER.

How many hog breeders would buy a Wright Stock Feeder if they only knew what it would do for the pigs? With one of these feeders every pig gets its full share of the feed and there is no waste of the feed, as is the case under the old system. Thousands of the best hog raisers in the West testify to its merits by using the Wright Stock Feeder, manufactured by Mr. C. A. Wright, of Rosendale, Mo. Kindly send your name for circular, telling all about it and be kind enough to mention this paper.

THE MAN THAT FITTED JUNIOR JIM.

The writer had the pleasure of visiting the former home of Junior Jim, the great prize-winning boar of Nebraska. Mr. Marts has had very hard luck this spring and to date he has about twenty pigs. The Junior Jim sows on the premises are looking fine and show the likeness of the sire. Mr. Marts' herd at Liberty, Neb., is now headed by a son of the great boar, Billy K. This herd will be in line to offer some very good pigs in a short time. If you are in need of anything in the Duroc line write Mr. A. Marts, at Liberty, Neb.

TWO FINE FARMS.

Mr. J. H. Lipscomb, of Kansas City, Mo., has two fine farms close to Kansas City, that he is going to sell at a sacrifice. This is due to the fact that it is a forced sale by creditors, and the price asked for these farms, Mr. Lipscomb says, is about one-half the actual value. Mr. Lipscomb is not gifted with exaggeration, and whatever he says regarding the farms can be relied upon, and prospective purchasers will find conditions exactly as represented. It will pay you to write to Mr. Lipscomb at once relative to either one of these farms and ask for full particulars, mentioning this paper.

B. C. MARTS BUYS "KAN'T BE BEAT AGAIN."

Mr. B. C. Marts, the well-known Duroc Jersey breeder, of Polk City, Iowa, has recently purchased from Mr. W. H. Taylor, of Lincoln, Neb., the well-known Duroc Jersey boar, Kan't Be Beat Again. This boar has to his credit sixteen first premiums and seven sweepstakes prizes. In very moderate flesh he weighed 700 pounds upon his arrival at Mr. Marts' farm. As a swine breeder of note, who recently saw this boar, put it, "He is as smooth as a four-months-old pig." Duroc breeders cannot do better than to keep the location of this boar in mind, because later there will be some extra good material obtainable from Mr. Marts' herd. He is one of the reliables in the business and we congratulate him upon his recent purchase.

ROCKFORD HERD OF CHESTER WHITES AND O. I. C.'S.

The advertisement of the above herd of hogs appears on page 20. A recent letter gives us the information that the hogs are coming along nicely. The spring pigs are now ready for shipment and several of the royally-bred ones have already been shipped to their new home. This herd is one of the good ones and the owner, Mr. Jno. Cramer, is a reliable gentleman. You can feel safe in sending him a mail order. Four very fine pigs out of the great sow, Kerr Edina, and sired by Kerr Royal, should be looked after by parties in search of herd headers. Mr. Cramer tells us that these pigs have license to show. The dam is a litter sister to the junior champion at the World's Fair. Kerr Sherman and Kerr Dick were show hogs. They are closely related to these sows.

SHORT-HORNS AT AUCTION AT GENEVA, NEB.

Mr. W. C. McGavock, of Springfield, Ill., usually has on sale day just what he has before advertised and when he announces the Geneva, Neb., auction on August 7th as the greatest Short-horn sale that he has ever held, it is our opinion that he will deliver the goods. With show cattle of every age, a strong and uniform offering of young bulls, a grand string of yearling and two-year-old heifers, and superior show and breeding cows, it would appear that he would easily do all that he claims. He expects to present show herds, both old and young, and to put them together at Geneva for the inspection of those who enjoy such exhibits. One of the strongest features, however, of the auction we have perhaps yet failed to mention, and it is found in the superb Scotch three-year-old show and breeding bull, Bapton Gloster, to be sold with a dozen of his get. Mr. McGavock sold in one of his auctions a bull for \$9,100, but he claims that he has never sold as good a bull as Bapton Gloster with so many of his superior sons and daughters in one sale. The four Cruickshank Orange Blossom females consigned by Mr. I. W. Baughman, of Edinburg, Ill., are indeed attractive. They are high-class individuals and coming from the same strain of this family as the Bellows stock bull and International exposition champion, Master of the Grove, they should not lack for bidders. The eight Cruickshank Butterfly cows and heifers consigned by Mr. C. H. Giller, of White Hall, Ill., should likewise prove drawing cards and those in search of Scotch females should be on hand when they are auctioned. Mr. McGavock wishes it understood that this is the first auction where he has inspected every animal in it and absolutely dictated just what should go into it. There is not, he says, a cull in it and not an animal but what any breeder might be proud to take home with him, and there are few that are more capable of judging in such matters than he is. Breeding animals and

The roof that resists rain, sun, heat, cold, and fire, for years is Genasco Ready Roofing—made of Trinidad Pitch Lake asphalt.

Write for Book N and samples. Ask your dealer for Genasco Ready Roofing.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt in the world

New York PHILADELPHIA Chicago

Individual excellence have been the requisites for entry, but Mr. McGavock has also succeeded in gathering high-class pedigrees for this occasion. The helleveers in good blood will be stimulated by attendance at this auction, and those who love individual merit will see that it comes with uniform regularity by use of the best blood obtainable. The catalog of such an offering should be interesting reading and Mr. McGavock will be glad to mail it to all applicants.

CAUSTIC BALMS CURED WHERE OTHERS FAILED.

Mr. W. T. Joyce, of Bay Minette, Ala., writes the Lawrence-Williams Company, of Cleveland, Ohio, as follows: "I cannot express myself in regard to the wonderful satisfaction and results I have received of Gombault's Caustic Balsam. I have sold and used considerable of the liniment since I learned of its value. I first tried it on a fine stallion which had been lame for seven weeks, in the left hip. The owner tried almost everything and got no relief. We gave one application of Gombault's Caustic Balsam and the horse has not gone lame since. I have also taken two splints off one horse, one off of another; two spavins off a third, and at present am tending a fourth. I have also used it on myself, having a sty on my eye three days ago. I gave it two applications of Gombault's Caustic Balsam and in four hours after applying the liniment my eye was one-third better." Read the advertisement on page 8.

KERR, THE O. I. C. MAN.

At the St. Louis World's Fair in 1904, Mr. O. L. Kerr, of Independence, Mo., first came prominently before the public as a breeder of O. I. C. hogs. Since the fair Mr. Kerr has gained even more prominence, as he has demonstrated that his winners are producers and that their offspring breed on and on. Private sales from Mr. Kerr's herd have been good, but the public sales where every man who has bought a good one has been present and made his personal selection have been even better. This should be especially gratifying to Mr. Kerr, as each sale has been made on its merits, the hogs bringing just what the buyers wished to pay. To make two sales in one year and average nearly \$55 per head is evidence conclusive that Mr. Kerr was delivering the goods. This season Mr. Kerr has from the matings of his World's Fair hogs produced by far the greatest lot of pigs that have yet been produced in this great herd. On November 2d, at Independence, Mo., some sixty head will be sold, boars and gilts. Any of our readers who may be interested in the O. I. C.'s would do well to write Mr. Kerr about these.

THE EARLES SHORT-HORN SALE.

The collection of Short-horns selected by Dr. W. H. Earles, of Milwaukee, Wis., from his Burwood herd, for his first annual public sale, to be held at the farm, on Tuesday, August 7th, is one which should attract the attention of every Short-horn breeder. For the past few years Dr. Earles has been laying the foundation for a good herd of Short-horn cattle. Care was taken in the selection of bulls to head the herd and the females represent the best Scotch and American-bred families. In making up the consignment for this, the initial sale, some of the best matrons in the herd were selected. Of the offering thirty-five head are mature cows, either safe in calf to noted Scotch bulls or with calf at foot. Rarely does the breeder of Short-horns have such an opportunity as this sale presents. Six bulls are included in the auction, all of the herd-header sort. Those of our readers who are in the market for a herd bull will find what they want in this offering. Four yearling heifers of show-yard type are included. The offering throughout is an exceptionally strong one, both as to individual merit and breeding. Many of the cows are bred to Whitehall Count, a prize-winning son of Whitehall Sultan, and Sightseer, considered by many breeders to be one of the best bulls sold in the recent sale of Mr. F. W. Harding. We wish this week to call particular attention to the bull consignment. Nonpareil of Sunnyside is a three-year-old roan by Nonpareil Victor. His dam, Victoria Bracelet 3d, was by Grand Victor. This bull has been used in the herd and his get are uniform throughout. He has length and scale and substance, with good, level lines and should go to head some good herd. Village Clerk is a Canadian-bred bull of unusual merit. Many of his get are found in the herd and are evidence of the producing qualities of this bull. He will please discriminating buyers and should not be overlooked. Golden Chief is a yearling bull of show-yard type. His sire was Mystic Archer and his dam Golden Coin by Imp. Banker. Both in point of breeding and individuality this bull will fill the needs of critical buyers. Burwood Archer is a son of the noted Mystic Archer. He is just past a year old and bids fair to make something choice. Village Boss is not a year old. He was got by Village Clerk and carries many of the strong points of his sire. Champion of Richmond will be a year old the day after sale. His sire was the noted bull used by Mr. A. Chrystal, of Marshall, Mich., later sold to head the Walnut Hill herd owned by the Flynn Farm Company, Imp. Lovat Champion. His dam was Miss Richmond, one of the best producing cows in Glenfoyle herd. While the bull offering is not large in numbers, it is a very

good one and readers of this paper who are in need of a herd bull should plan to attend this sale. Dr. Earles has been a liberal purchaser during the past few years and is deservingly of the unanimous support of the Short-horn fraternity. The catalogs are now ready and may be had by addressing Dr. Earles. In our next issue we will give further details regarding the female portion of the offering. Write for catalog at once and kindly mention this paper, and plan to be present on Tuesday, August 7th.

PFANDER'S GOOD POLAND CHINA OFFERING.

One of the sales that should attract Poland China breeders this fall is that of Mr. J. W. Pfander, of Gravity, Iowa, which occurs on September 26th. This sale will attract breeders on account of the fact that it will contain one of the greatest daughters of the famous old brood sow, Glantess. We refer to the two-year-old sow, Model Glantess, with ten of her spring pigs. This litter is one of the best of the year and if nothing happens them, should be one of the best money makers that will go through a sale ring this fall. There will also be seven fall pigs out of this same sow in the sale, and four of these will be sows. If some breeder wants a proven brood sow and one from a noted strain, we would just say to him to go buy Model Glantess. Her last litter is sired by Kiever's Thickset, one of his present herd boars. Mr. Pfander has forty-six grandsons and granddaughters of old Glantess in the herd, as well as three of her best daughters. This will be a sale that should attract the best breeders, especially those who want this old Glantess strain.

GILBERT VAN PATTEN'S PIGS STRONG.

A recent letter from our friend, Mr. G. Van Patten, of Sutton, Neb., informs us that the pigs are doing nicely and that some good results are expected. This is one herd that has well-earned the reputation of good breeding, strong individuality and fair dealings. Mr. Van Patten has selected several of his hogs and is now fitting them for the fall shows. The herd has won its share of ribbons whenever shown and we will look forward to another one of the shows. The great breeding boar, Billy, has left many of his get that will make his name remembered. Two of these are at the head of the herd and will undoubtedly prove good ones to use. The noted Billy K. by Duroc Challenger by Orion Chief by Orion, dam Rosebud Lady by Van's Perf. by Auction Boy is one of them. You will notice that this animal is certainly bred in the cream. Bonny K. by Billy and out of Lady Clay by Red Chief I Am by Protection, second dam No. 28 by Higgins' Model is also doing service. These two boars will be at both the Iowa and Nebraska State Fairs and you can expect to see something extra good. Mr. Van Patten never takes out a poor one. The spring pigs are doing nicely. Look up Mr. Van Patten's advertisement on page 22 and write him your wants. Watch for his show at the fairs.

DISPERSION OF THE CHAMPION BABY BEEF HERD OF ABERDEEN ANGUS.

One of the most notable sales of Aberdeen Angus cattle of the year will be that of the dispersion of the Baby Beef herd, the property of Mr. C. H. Gardner, of Blandinsville, Ill., which will take place at Galesburg, Ill., on Tuesday, August 14th. Mr. Gardner was for several years prominent as a breeder of Aberdeen Angus cattle. The Baby Beef herd won numerous prizes at the leading shows of the country. Such bulls as Rosegay, Vala, Vala's Rosegay and others of equal merit have been produced from this herd. The bulls included in this offering are of show-yard merit. No doubt there are among them several which if properly handled will be well up in the prize lists this year. No sale of recent years contains such a strong array of bulls. Sixty head are included in the offering, a number of the cows selling with calves at foot. Several of the bulls are tried breeders, having been used in the herd. The females represent such noted families as Erica, Pride, K. Pride, Queen Mother, Barbara, Heather Bloom, Westertown Rose and others of the fashionable strains, every one of which has produced for Mr. Gardner a champion bull. In our next issue we will give further details regarding this noted offering. In the meantime we advise our readers to write Mr. Gardner for catalog, as per the advertisement on page 20, kindly mentioning The Homestead.

NIDLINGER'S DUROC SALE.

The important sale of Mr. J. D. Nidlinger, of Decatur, Ind., should not be overlooked by the Duroc breeders throughout the middle West. The class of stock offered for sale at this time should be readily taken by the best breeders. Mr. Nidlinger has more than once demonstrated in the strongest show rings that he not only has the class of stock which the best judges favor, but has held the most successful sales in the state in which he resides, his fall sale making the highest average of the state. The boars which Mr. Nidlinger is putting into this sale furnish an extraordinary lot from which to select a herd boar. On page 1 we present a fair likeness of J. D.'s Improver, the second-prize boar at the Indiana State Fair last year in strong competition. His dam, Wilda, was, at the time she was sold, the highest-priced sow east of the Mississippi river, going to Mr. Thos. Johnson, of Columbus, Ohio, at \$380. Messrs. McNeil Bros., of Bowen, Ill., being the contesting bidders. The females constitute what is probably the strongest lot ever put into one sale. The fact that Mr. Nidlinger will not show any stock this year led him to select some of his best sows for this sale, sows which had he intended to show, breeders would not have had an opportunity to secure at their own figures, as will be the case in this sale. Many of them have produced good litters this year, while their produce included in the offering demonstrate the fact that they are good breeders. In a recent letter from Mr. Nidlinger he reports that the stock is coming along in fine shape and will be in excellent condition by sale time. If you are not on Mr. Nidlinger's mailing list, you should write him at once for catalog. He will be pleased to mail them to all who mention The Homestead in writing. If you cannot be present on sale day bid sent to Mr. D. M. Pierce, representing The Homestead, in care of Mr. Nidlinger, will

be carefully handled. See advertisement on page 20 of this issue and write for catalog at once. This sale comes at a time when breeders can leave home without much inconvenience. Plan to be present Wednesday, August 8th, at Decatur, Ind., the guests of Mr. Nidlinger.

WATT & FOUST'S DUROCS.

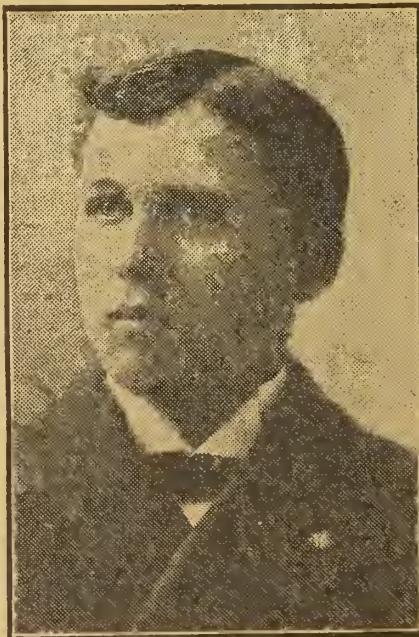
Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, have a new Duroc advertisement on page 22 of this issue which should interest breeders of the middle West. Tip Top Notcher, the grand champion boar at St. Louis, recently sold by Mr. Geo. W. Seckman for \$5,000 and Kan't Be Beat sold for \$2,500, were both bred by this firm. They have 150 spring pigs for sale at reasonable prices that are the best lot they have ever raised. Under recent date Mr. Foust writes: "We have recently sold to Mr. John Morrisseau Kan't Be Beat 10239 (A.) 28067 (N.) for \$2,500. This hog has put as many winners in big shows as any hog living, and our show herd this year is the strongest we ever fitted. We have over seventy-five head of his get, and there are herd headers and lots of them. Golden Rule has proven himself a great breeder, and Tip Notcher's Last is doing his share to make the breed famous. We can furnish anyone wanting something O. K. or a herd header at the right price. Remember we bred the senior champion boar, grand champion boar, also junior champion sow and reserve champion sow, and sire of junior champion and reserve grand champion boar." Look up advertisement and write them for prices, mentioning The Homestead.

MAPLE AND LAWNSDALE HERDS OF DUROC JERSEYS.

The Maple and Lawnsdale herds of Duroc Jerseys are owned by Messrs. Manlove Bros. & Norris, of Bowen, Ill. The best breeding stock to be found was secured in the foundation of these herds and the present crop of pigs in addition to those which from time to time have been sent out from these herds have demonstrated that the selections were correct. At the head of these herds are Big I Am, first-prize boar pig Illinois State Fair 1904; Hambletonian, a prize-winning boar used successfully by Messrs. H. B. Loudon & Son, of Clay Center, Neb.; Veribest, one of the herd boars used by Messrs. Watt & Foust, and Proud Advance, from the herd of Messrs. Johnston Bros. & Newkirk. Such an array of boars is seldom found in one herd and means much to the success of the breeding operations of this firm. They have been liberal purchasers of good stock from many of the leading herds. A litter by Big I Am which should attract attention is out of Lady Tip Top 103034, she by Tip Top Notcher and out of Gold Dust Rose 27354. Another litter by same boar is out of Mildred 71560, she by Perfection Van 10373 (A.) by Sensation 7393 (A.), dam Sally 47602. This sow raised a very good litter and is a good producer. A good litter by Tip Top Notcher is out of Maymie 79408. This sow was sired by Dan B. 9829 (A.) by Chief I Am 8963 (A.). One of the best litters seen by the writer this year was sired by Big I Am and is out of Allison's Sister 75610, she by Oom Paul Jr. 16147 by Oom Paul 7545, dam Golden A. 36592 by Oom Paul K. 7551. A litter by Perfection Chief 28376 is out of Daisy H. by Fairview Chief 17627. Messrs. Manlove & Norris have an extra good bunch of spring pigs which are priced worth the money. They can suit the most discriminating buyers and can furnish pairs and trios not akin. If in need of a good boar or gilt write this firm at once as per the advertisement on page 22 of this issue, kindly mentioning The Homestead.

AN ILLINOIS DUROC BREEDER.

We present this week a good likeness of Mr. John W. Remley, of Lacon, Ill., one of Illinois' successful Duroc breeders. Mr. Remley has made a good start in the Duroc business and has sold much stock to breeders of the middle West during the past few



MR. JOHN W. REMLEY.

years. He is now offering some good, strong, vigorous fall boars for sale at very reasonable prices in his new advertisement on page 19 of this issue. At the head of his herd he is using the good boar, Choice Goods, he by Echo King 13415 by Sensation, dam Decatur Belle 11. 44873 by Corrector 15653. This boar has sired much good stock for Mr. Remley. A number of extra good fall boars are offered for sale at this time sired by Robin Roy 33609, he by None Such 13219, dam Duchess 41 19604 (A.). Breeders will remember that None Such is the sire of Hanley, the boar used by Messrs. McNeil Bros., of Bowen, Ill. The dam of these fall boars is Floro-

dora 11. 96414 by Choice Goods. If in need of a good fall boar write Mr. Remley at once as per the advertisement, kindly mentioning The Homestead.

HAMILTON'S ROYALLY-BRED HERD OF POLANDS.

Mr. L. W. Hamilton, of Kearney, Neb., has one of the royally-bred herds of Poland in the middle West. This gentleman has been in the business for many years and has always believed in the best. His herd today represents the blood of some very choice show hogs, as well as some that have made a reputation as breeders. Moss Chief has always been a factor in the herd and his get are always in demand. This hog has several choice animals in the herd that are hard to beat. Grand Chief Tec. is another that has won his spurs as a sire. Several very large sows are sired by Pawnee Chief. Also some choice blood of the great Chief Perfection 2d and the great Impudence. The above breeding is as good as you could ask for. Mr. Hamilton's last sale made the good average of \$50 on a very large offering. The offering was taken by breeders from Iowa and Nebraska. The crop of spring pigs are doing very nicely and now is the time to send in your order. Don't wait until the crop of good ones have been picked. Look up the advertisement on page 21 and write for prices.

A GOOD BUNCH OF HEREFORD BULLS FOR SALE.

On page 19 of this week's Homestead will be found the Hereford advertisement of Mr. W. L. Dodge, of Hubbard, Neb., who is now offering a nice bunch of bulls for sale. Among these is one exceptionally good animal called Shamrock 6th 226283, just fourteen months old, and he will please anyone wanting a first-class Hereford. His sire is Shamrock 179828, a grandson of old Java, and his dam is a granddaughter of Earl Grove 3d by The Grove 3d. He is a growthy, well-developed young bull, has good lines and is a dark red. He only asks \$150 for him if taken soon and no one need hesitate in buying this fellow. Mr. Dodge also has a half brother to this bull that is a good proposition, besides several other bulls. He will also sell one of his herd bulls, Willard 91332, a grandson of Mr. Tom Clark's famous old bull, Lars. He is an Anxiety-bred bull on the dam's side and he is a good breeder. He will also sell a few good cows and some choice heifers. Anyone wanting a good bunch will find them here, and he will make a special price where any number are taken. Write Mr. Dodge or go and see the cattle and kindly mention The Homestead.

ANTON ROESLER'S WINNING CHIEF BOAR.

The writer had the pleasure of inspecting one of the good herds of the West recently. This herd of large, roomy Poland is owned by Mr. A. Roesler, of Wilcox, Neb. The herd is one of the good ones of this breed and the class of sows found here prove that the owner was after the good ones on the start. We found a herd of sows that are hard to equal for size and uniformity. The large, roomy sows have a line of breeding back of them that would please any of the foremost hog men of the middle West. The crop of spring pigs are very likely ones and many choice prospects are noticeable. At the head of this herd we find the show boar, Winning Chief. This hog was shown last fall at the Nebraska State Fair, winning first in class. He was afterwards used in the McKelvie herd where he sired some very good pigs. Mr. Roesler was after a good hog and was not long in closing the deal after he learned that the hog was for sale. Winning Chief is a son of the great breeding boar, Chief Tec. 3d. He is a very strong boar and would please any breeder. Mr. Roesler will have some of his get to offer you this fall. The Chief Tec. blood is getting scarce and it would be wise for you to look into this offering. The sows in the herd represent the blood of Medium's Likeness by Big Perfect Tecumseh, Great Expansion by Expansion, will certainly please the hog men of this section. Choice Goods by Chief 3d Jr. and some sows by Exception. The herd is very strong and tion. You will notice the advertisement in The Homestead shortly.

GEO. L. BELCHER'S DISPERSION SALE.

We again wish to call the attention of our readers to the advertisement of the dispersion sale of Short-horn cattle and trotting-bred horses to be held by Mr. Geo. L. Belcher, at Walnut Ridge Stock Farm, on Wednesday, August 8th. As we have said before, Mr. Belcher is not selling from choice, but because of the necessity of moving to another climate. We have before us a few pages of Mr. Belcher's illustrated catalog in which are illustrations of some of the foundation cows, their offspring and the stallions that have made his stud of drivers. Col. Harry W. Graham, of Chillicothe, Mo., made a visit to Walnut Ridge Farm, compiled the catalog and has made a most excellent writeup of the farm, the Short-horns and the driving horses to be sold. This will be found on the opening pages of Mr. Belcher's catalog. The first of the Short-horns cataloged is the herd bull, O. C. 179769. Mr. Belcher's foot note of O. C. describes the bull so well that we take the liberty of quoting same in full: "O. C. 179769, my herd bull, is a great individual. You will note by the tabulated pedigree that he is a great-grandson of the noted Imp. Double Gloster 55406, both on his sire and dam's side, a bull of excellent individual merit and rich breeding, that was purchased by Mr. W. A. Harris for use at Linwood, but sold for service in the Blue Valley herd. He belonged to the Sittytown Duchess of Gloster tribe and, like Baron Victor, was a son of Bampton (37763), his dam being 24th Duchess of Gloster by Lord of the Isles (40218), tracing to 2d Duchess of Gloster by the Baron (13833). The crop of calves this spring by O. C. all bear his excellent type and stamp. He puts the extended hind quarters on each of them, as will be seen on sale day. He is great in the back and loin and has a heart girth that reminds one of the noted Grand Victor, that stood at the head of the Clover Blossom herd so long and made history in Short-horn circles for himself and his owner, Mr. Geo. Bothwell. His tabulated pedigree shows him to be all Cruickshank blood, with the exception of the bottom line of dams. His blood lines are intensely Double Gloster, Bampton and Pride of the Isles."

Fatten Your Stock on WATER

Pure Water drunk WHEN THIRSTY makes fat—ask the Veterinarian or your Experiment Station. Give your stock pure, fresh water from Dewey Stock Waterer.

Attaches to any tank or barrel, and by supplying pure, fresh, clean water at the will of the animal and only in such quantities as consumed, HASTENS FATTENING WITHOUT EXTRA FEED—an actual demonstrated FACT. Our FREE BOOK gives the details. All live dealers sell the Dewey. If yours doesn't, we'll sell you direct. Write for book today.

The B.-B. Manufacturing Co. 409 W. Fourth St. Davenport, Ia.

Lot 2 of the catalog is the Scotch cow, Seraphina, got by Imp. Master of the Mint and out of Imp. Simplicity by Cumberland. Then on down the list of sires is found Pride of the Isles, Champion of England, The Czar and Lord Sackville. Beginning with the sire, Czar, and on down, the breeding of this cow is the same as in the pedigree of Messrs. Bellows Bros.' great herd bull, Hampton's Best. Seraphina will have several descendants in the sale. Three are daughters and one a bull, the rest being granddaughters. Among the daughters is Queen of Scots got by Lavender Duke got by the richly-bred Cruickshank bull, Baron Lavender. She is the kind that will please many. Another of her daughters is Ruth Simplicity got by the Barclay-bred bull, Harvester. She is a young cow of much style and quality, is low down and Mr. Belcher has much to say of her milking qualities. She is another of the safe ones to buy in Mr. Belcher's sale. Seraphina's son—Gold Coin—is cataloged as Lot 6. He was got by Lavender Duke, sire of Queen of Scots, is a red and a strong, sappy youngster. The granddaughters, Baroness and Sympathy, were got by Lavender Duke and out of Ruth Simplicity. Both are the smooth-made kind, are stylish young heifers and among the favorites. Belinda Barrington has also raised quite a family for Mr. Belcher. She has seven daughters and one son in the sale. Of these we shall make mention next week. Those interested in good Short-horns and trotting-bred horses should send now for one of Mr. Belcher's catalogs. See page 21 for advertisement and address and kindly mention this paper.

A PROMINENT DUROC BREEDER.

We take pleasure this week in presenting to our readers a fair likeness of Mr. W. L. Stoner, junior member of the well-known Duroc firm of Messrs. T. W. Stoner & Son, of Henry, Ill. This firm have been breeding Duroc Jerseys for many years and have selected breeding stock from the states of Ohio, Indiana, Illinois, Iowa, Missouri, Kansas and Nebraska. They have been conservative in their purchases and have bought with good judgment. Their sales have always



W. L. STONER.

been conducted in a business-like manner, and the prices received have in all cases been satisfactory to both purchasers and to themselves. Their fall sale, which will be held on October 10th, will contain many of the best individuals their herd affords, and an invitation is extended to readers of The Homestead to be present on that date. In the meantime should any reader be in search of a good fall boar or a spring male they will find it to their advantage to correspond with or visit this firm before making selection. Their herd numbers nearly 300 head and ample numbers are found from which to select. Look up the advertisement on page 22 of this issue and write at once for prices and descriptions, kindly mentioning The Homestead.

HOW TO VACCINATE CATTLE AGAINST BLACKLEG.

Blackleg is such a disastrous disease that we want to warn our readers against it. If there is none of it in your neighborhood you may consider yourself lucky, but at the same time, be on the lookout for it. Cut this article out and paste or pin it in a place where you can refer to it. There is almost sure to come a time when you will want to know about blackleg—what it is and what to do for it. Blackleg is a fatal disease of young cattle. Very few recover from it, and so far as is known no medical treatment will do any good after the animal is attacked. The only thing to do is to prevent it by vaccination. Vaccinate in the spring and in the fall, even if there are no signs of the disease and none in the neighborhood. It's the mere question of saving money—of spending \$1 to save \$10 or \$20. The question is not, "Can I afford it?" but "Can I afford not to?" A few calves or yearlings lost would pay for many vaccinations. By using Blacklegoids, vaccinating is made so easy, safe and sure that there is no good reason for not doing it. There was a time when to vaccinate meant grinding a powder in a mortar—mixing with water, filtering, measuring and injecting with a hypodermic needle. This required a great deal of time and even then was not accurate. The quickest, surest and safest way of doing the work is with Blacklegoids. With

these there is no dose to measure, no liquid to spill. A Blacklegoid is a little pill of blackleg vaccine—one pill is a dose. To use it, simply put it in the hollow needle of the injector, thrust the needle under the skin of the calf, push the plunger, and the work is done. Because they are so easy to use and effective, Blacklegoids are perhaps the best-known and most widely used blackleg vaccine. Write the manufacturers for a little folder about blackleg and giving further information about Blacklegoids. It is free. Address Parke, Davis & Co., Detroit, Mich., and mention this paper.

THE GRAND ISLAND SHORT-HORN SALE.

Fifty Short-horns, consisting of some fifteen bulls and thirty-five cows and heifers will be auctioned in the McGavock sale at Grand Island, Neb., on August 11th. Mr. Edward N. Hurley, of Wheaton, Ill., is disposing of his herd and has selected sixteen of his best cattle for this occasion. He includes three Scotch cows close up to the imported stock and that should interest buyers for this popular sort. He also catalogs the two-year-old stock bull, Diamond Jim, by Imp. Bapton Diamond, a bull that has a remarkable record on both sides of the Atlantic as a sire of the very best animals of the breed. The Ardmore Stock Company, of Holstein, Iowa, catalog three very high-class bulls sired by Prince Matchless, Imp. Lord Mount Stephen and Imp. Scottish Pride, the two latter mentioned being Duthie-bred bulls. They also include three Bates cows that are from sires and dam that were bred by Mr. Martin Flynn, and they have calves at foot by and are in calf to the Scotch bull, Imp. Scottish Pride. Benjamin B. Dean, of Glenwood, Iowa, and Messrs. Riley & Caswell, of Albion, Neb., also have good consignments to the auction. The bull offering is a good one throughout, consisting of strong, vigorous animals in good breeding condition and ready for immediate service. Good results will follow their introduction into that country and we trust they will be appreciated. Mr. McGavock will be glad to mail catalogs to all applicants. See advertisement on page 23.

A NEW IMP. SCOTCH BULL FOR WALNUT HILL.

The Flynn Farm Company, proprietors of Walnut Hill Farm, Des Moines, Iowa, have recently come into possession of Imp. Lovat Champion 157617, one of the greatest Scotch bulls of the present day. He is a compact red bull of the celebrated Broadbrosks family, was bred by Lord Lovat, of Scotland, and was shown at the Inverness spring show and sale in 1899, at which time he won first money, as well as the Highland Society medal. He was then purchased by Mr. Duthie, of Collynie, and used three years, during which time Mr. Duthie repeatedly refused to price him, though he had many tempting offers. He came into the possession of Mr. A. Chrystal, of Marshall, Mich., on account of an accident which befell a bull imported by Mr. Chrystal from the Duthie herd that was ruined shortly after his arrival. Mr. Duthie proposed to return Mr. Chrystal's money or send him two yearling bulls or Lovat Champion. Mr. Chrystal chose the latter, and now this noted bull comes into the possession of the Flynn Farm Company. The late Martin Flynn always emphasized the importance of using good bulls, and his sons in the management of his estate are placed in a position to carry on the good work of their father. With the splendid Scotch cows that are now in the herd at Walnut Hill Farm, it may reasonably be expected that the outcome will be something extra good. Announcement is made that the sale will be held by this company at the farm, eight miles from Des Moines, on August 16th. Catalogs are ready for distribution.

THE MAPLE GROVE HERD OF DUROCS.

Mention has been made in the columns of this paper from time to time of the Maple Grove herd of Duroc Jerseys, the property of Messrs. McNeil Bros., of Bowen, Ill., and we take pleasure in recommending their stock to our readers. This firm have done as much as any firm toward the maintenance of the Duroc Jersey in the front rank of America's pork breeds. At the important sales of the past year they have been liberal buyers and in many cases selected the best offering afforded. From Mr. J. D. Nidlinger they secured the double prize winning boar, Hanley 4245. He was first in class at Indiana and Ohio State Fairs of 1905 in very strong competition. Messrs. McNeil Bros. were the contesting bidders on Wilda, the prize-winning sow in the same sale which went to the herd of Mr. Thomas N. Johnson, of Columbus, Ohio, at \$380. Messrs. McNeil bidding \$375. They secured two litter mates to Hanley in same sale, sows which had won in herds at Indiana and Ohio State Fairs. At the Fagan, Browning, Hess & McCabe sale Messrs. McNeil Bros. bid \$690 on the \$1,000 sow, Helen Blazes III., and joined with Messrs. Thomas & Hogsett, Manlove Bros. and H. B. Griffiths and formed the company which compelled Mr. J. Coy Roach, of Girard, Ill., to pay \$1,000 for this sow. Other instances could be told of the enterprising methods of this firm, but it is sufficient to state that they have been liberal purchasers from many of the most important herds of the country. Hanley has proven a breeder of excellent merit. His sire, None Such, was bred by Messrs. T. W. Stoner & Son, and later sold to Mr. J. D. Nidlinger, in whose hands he won first at Indiana State Fair, 1904. His dam, Bright Star II. 36490, was sired by Echo King, he by Sensation, dam Bright Star by Corrector. On page 4 we present a good likeness of Hanley in show condition. The brood sow sale held by Messrs. McNeil Bros. in January made the highest average up to that time ever reached east of the Mississippi river. A litter of much merit by Tip Top Notcher out of Mabel Justice 117204 by Best of Notchers 20725. The dam of this sow is Hattie Gold Dust III. 11428 by Woodburn's Perfection 2123. The Gold Dust family in the herd of Mr. Geo. W. Seckman have produced some of the best stock and the get of this family have been winners at many of the leading shows. Another litter by Tip Top Notcher out of Golden Hatty 117208, she by Major R. 29163, dam Fancy Hatty 93352 by Best of Top Notchers 20727. In Messrs. McNeil's sale every sow the dam of anything offered for sale was bred by them. This fact certainly demonstrates their ability to breed the cor-

rect type of hog. A litter by Hanley which will attract the attention of breeders is out of Arnie Demisk 41928, she by Bowen Boy 13801 by Lord Russell 5709, dam Mollie Wilcox 32430. Irene Clayton 32658, the dam of the highest-priced gilt in the winter sale, has a splendid litter sired by Hanley. Miss Gold Bug 105410 and litter sister, Maple Grove Queen 105408 by Cantine Boy 16319, dam Jessie Bartlett by Denver, have splendid litters by Hanley. My Dream II. 94194 by A Top Notcher, one of the sows in the young herd which won first at Illinois State Fair, 1905, as produce of sow, has a good litter by Chief No. 1. A litter sister to Hanley called Belle Hanley 105404 has a very good litter by Big I Am, first-prize boar at Illinois State Fair, 1904. A litter by Roland and one by Keep On 3d, the second-prize boar at Iowa State Fair, are extra good and afford buyers an excellent opportunity to secure something good. In uniformity of type, style and finish Messrs. McNeil Bros. have one of the good herds of the country. They have the grit and determination that are necessary to succeed in the breeding business, and are deserving of the support of breeders and farmers throughout the entire country. Correspondence relative to their herd is always promptly answered and they will be pleased to entertain visitors to inspect their herd. Write them if in need of a good spring pig, kindly mentioning The Homestead. Watch for their announcement in later issues.

A GREAT CRUICKSHANK BULL FOR SALE.

Messrs. Marston Bros., of Mason City, Iowa, are now offering for sale what is probably as rich a bred Scotch bull as there is in the world. We refer to the red four-year-old, Conqueror's Best 182910, sired by the Marr Missie bull, Imp. Conqueror, a bull of the late W. S. Marr's favorite family, the Missies, and he has a double cross of old William of Orange, the most celebrated bull ever used at Upper Mill. The dam of the bull for sale is Imp. Zoe 5th, one of Mr. Amos Cruickshank's famous Clipper (by Billy) tribe. It is a matter of Sittytton history that Mr. Cruickshank used on his own herd more bulls of the Clipper family than of any other in the herd. The pedigree expert could not with pen write a richer pedigree from a Scotch standpoint. Now, why do Messrs. Marston Bros. want to sell so great a bull? Simply because all the younger cattle in their herd are sired by this bull, and they have secured a young bull out of the champion heifer, Lovely 30th, to breed to Conqueror's Best's heifers. Here is an opportunity of a lifetime to secure such breeding at a very modest price. This firm also have for sale another four-year-old Scotch bull, also red, and three nice yearling Scotch-topped red bulls at farmers' prices. Their first annual sale of Short-horns will be held at Mason City, Iowa, December 12th. If a visit to the farm is contemplated, call on Dr. Marston, whose office is 109 1/2 South Main street, Mason City, Iowa.

TWENTY-EIGHTH ANNUAL SALE OF WALNUT HILL SHORT-HORNS.

Announcement is made of the twenty-eighth annual sale of Short-horns from the Walnut Hill herd, at Flynn Farm, near Des Moines, Iowa, on August 16th. These annual gatherings have been feasts for the Short-horn breeders of the central West. The conditions surrounding this particular sale are such as to bring forth a large gathering of breeders from every quarter. It always follows when announcement is made of a sale from Walnut Hill, that some attractions are offered. This consignment is no exception to this rule. Fifty-seven lots have been selected with due care, that the public might have an opportunity to secure some good cattle, and cattle that would be a credit to their breeder, as well as to the new herds that might receive them. The late Martin Flynn, who founded this herd and perpetuated it up to the present time, was a man of sterling ability and integrity. Every man who knew him was impressed with his honesty of purpose in every detail. His was a name and life that can with profit be followed as a safe and model pattern among Short-horn breeders generally. The writer has been familiar with Mr. Martin Flynn's Short-horn business for some twenty years, and considers himself much the better by having affiliated with so noble and grand a character as was Mr. Flynn. Something like a year ago Mr. Flynn organized or incorporated the Flynn Farm Company, taking the family into business relations with him. For this time we will reproduce the catalog announcement, which serves as preliminary introductory: "In selecting the females for this twenty-eighth annual sale event, we have kept in mind the growing demand for the early-maturing milk and beef Short-horns, and we feel confident that this sale includes more females of this type than any other previous offering from this herd. The full import of this statement is emphasized by the fact that from the earliest days of the Walnut Hill herd, its founder, Mr. Martin Flynn, has advocated the dual-purpose Short-horn and only females that at least gave sufficient milk to nourish and raise a strong, thrifty calf had a place in the herd. All females sold without calf at foot or that have not remained quiet at least three months are guaranteed breeders. If shown by service list to have been bred. With all bulls more than one year old a warranty contract will be given. All known defects, if any, will be pointed out and any questions of prospective buyers will be cheerfully answered when animal is offered, but future usefulness of animals is not guaranteed further than above stated. Should any female, shown by our service list to have been bred, fail to remain quiet four full periods from date of such service, we must be immediately notified in writing, otherwise it will be conceded by purchaser that such female is at his risk as to future usefulness. Upon the receipt of sufficient evidence that any female in this sale fails to fulfill the conditions of this announcement, and the free delivery of such animal in as good, thrifty, healthy condition as when purchased on board cars at Flynn, Iowa, on or before December 16, 1906, we will refund the purchase price, together with 6 per cent interest on same. This sale will be held under cover at the Walnut Hill Farm, which is situated on the Des Moines division of the Chicago, Milwaukee & St. Paul Railway. All trains will be met at Olive, Iowa, two miles from the farm. A special train

that will stop at the farm will leave the Union Station, Fifth and Cherry streets, Des Moines, at 8:40 o'clock on the morning of the sale. Parties from a distance attending this sale will please go to the Wellington Hotel, corner of West Fifth street and Grand avenue, where upon presentation of this catalog free entertainment will be provided and every effort made to insure the comfort of our guests. Terms—Cash, or six months' time on approved notes bearing 7 per cent interest. Those wanting credit who are not personally known to us are requested to bring bank reference. Mail or telegraphic bids may be sent to the auctioneers, Col. F. M. Woods or Col. George P. Bellows, in our care. Stock will be put on cars free of charge, but will be at purchasers' risk after bid off. We will pay freight charges on car loads, if not less than ten animals, consigned to one station. You are cordially invited to attend this sale and requested to bring this catalog with you. A lunch will be served at 12 o'clock and sale will commence at 1:30."

THE GREAT WHEAT BELT OF TEXAS.

A very neat booklet has recently been published giving some interesting facts concerning the Wichita Falls country in the great wheat belt of Texas. It is being sent out by the firm of Cobb, Bean & Stone, of Wichita Falls, Texas. It is made plain in this pamphlet just what the land has been capable of doing in the past and what it will do if properly handled. Lands are selling now at from \$15 to \$30 per acre, the terms of sale varying in different instances, though on the whole these are quite liberal. The rainfall in that locality is well distributed throughout the year, the average for sixteen years being a little over thirty inches. Winter wheat is the principal crop grown, though oats, corn, cotton, barley and rye may be profitably raised. Live stock does exceedingly well, running on the range all winter, coming out in the spring in excellent shape after wintering on grass and wheat pasture. Many farmers have become wealthy in the growing of hogs. The extensive packing plants of Fort Worth, which is only a run of five hours from Wichita Falls, make a splendid outlet for hogs and other animals. Renters and others who contemplate changing their location should apply for this pamphlet, addressing Messrs. Cobb, Bean & Stone, Wichita Falls, Texas. See advertisement on page 15.

SIMPSON CONSERVATORY OF MUSIC.

All our readers who are interested in music will be pleased to read the advertisement of the Simpson Conservatory of Music, at Indianola, Iowa, which appears on page 11. When asked about the school, Prof. F. E. Barrows, who is the director of the school, had this to say about his conservatory: "The school has grown 33 per cent during the past year; 317 music pupils during the year. I lay this growth to the fact that the school stands for a broad-minded musical culture that no other music school in the West approaches. As this is being found out it attracts to us the more sincere class of students, those who wish to do something more than merely amuse themselves by learning a few pieces or by singing a little. Our policy of sending our teachers abroad to study on regular leave of absence in turn keeps us up with the very best in methods of instruction, and pupils know that the teachers here are always up to date and progressive. No other western school requires this of its teachers or even gives them the chance. No teacher of mine teaches more than four years at a time without going abroad to study. We have a splendid orchestra—the best in the state—playing the standard overtures by Wagner, Rossini, Suppe and the symphonies by Schubert, Haydn, Mozart and Beethoven—the only orchestra I know of that attempts things of this grade. We are able to give the standard oratorios with chorus of 120 voices and play the orchestra parts ourselves—other schools and organizations send to Chicago for their orchestra. We have students' recitals nearly every week of the school year and many concerts by the leading artists of the world. We are situated in a pleasant small town where student life can be controlled better than in a city. Personal interest is taken in every student and everything possible is done to advance them in every way."

DUNCAN'S MIDSUMMER SALE OF SHORT-HORNS.

Few breeders of Short-horn cattle enjoy a wider acquaintance in America than does Mr. H. C. Duncan, of Osborn, Mo., yet there are few who are more conservative regarding their stock and few indeed who can show more good stock than can be found at Mr. Duncan's. The writer, when looking over the Short-horns Mr. Duncan has listed for his mid-summer sale, to take place at Maple Hill Farm, on Wednesday, August 15th, was more than pleased at what he saw and of the care Mr. Duncan has used in selecting as good as he owns for this sale. We now have before us a catalog of the entire offering, in which is found as much rich breeding as is often found in any sale of fifty head. The illustrations, of which there are a goodly number, are not overdrawn, as they are made from photographs. The bulls cataloged for the sale (ten in number) are a grand lot, both individually and in breeding. In addition to these, Headlight, the chief herd bull at Maple Hill, and Golden Goods, the son of Choice Goods and Golden Abbotson that Mr. Duncan purchased at the Tebo Lawn dispersion for \$1,500, are both cataloged for reference and are illustrated. Headlight will have a number of his get in the sale and Golden Goods has been used on several of the females. Among the bulls that go in the sale will be found the herd bull, Magnet, now five years old. Magnet is a Cruickshank Orange Blossom got by Pure Gold and out of Imp. Blossom by Star of Morning. No better bred Orange Blossoms are found, and as a breeding bull Magnet has proven a success, as Mr. Duncan is reserving many of his daughters. Enough of his get are included to show his value as a sire. Individually he is a great bull, weighing 2,250 pounds in breeding form. To be good enough to do service for five years in such a herd as that of Maple Hill is recommendation enough for any bull, as no disappointments in the way of herd bulls are tolerated there. The next bull in the offering is the roan, Scottish Archer got by Maple Hill's senior herd bull, Headlight, and out of Victoria of Glenwood 14th by

TOO LATE TO CLASSIFY.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address, HENRY MATERN, - LOSTANT, ILL.

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Java. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

W. L. Dodge, Hubbard, Neb.

HIGHEST DUROC AUCTION AVERAGE.

HOMER of Kan't Be Bent, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 16th.

JOHN L. MORRISON & SONS, COLLEGE VIEW, NEBRASKA.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Benben and others. CHAS. VAN PATTEN, SUTTON, NEB.

FALL BOARS

I HAVE a few very good Duroc fall boars for sale at \$25 each, sired by Robin Boy he by Nona Such. Write for prices. Address,

JOHN W. REMLEY, LACON, ILL.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

ROSE Hill Durocs. Good ones. 3 sows brought \$1,300, 130 pigs for season's trade, from 3 best boars of breed Jr. Jim, 1st prize last Neb. state fair, a Lion winner Des Moines and Lincoln 3 yrs. in succession and Long Alix, litter bro. to Alix II. Size, bone, back, color my specialty. Visitors welcome. Phone 3 miles west of city. Austin Renshaw, Blair Neb.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

CHOICE CHESTER WHITE BOARS

FOR sale ready to ship. Also my herd header Gold Chief record No. 1297. Write me German or English. J. M. Janssen, P. O. Box 627, Sibley, Iowa.

KING B. HERD CHESTER WHITES.

70 SPRING pigs for sale, pairs not akin. B. B. Burt, Coggon, Linn Co., Iowa.

Violet Spur. Then along down the list of sires come Imp. Glitspur, Imp. Favorite, Roan Gauntlet, Pride of the Isles and Champion of England. A more richly-bred Victoria of more individual quality and Short-horn character will not soon be found. Scottish Victor was calved in February, 1905, and is a growthy fellow, thick from end to end, low down, well developed over loin and crops and shows a constitution that is great. The man hunting herd bull material will find it here. As a calf at the American Royal he was placed fourth in a ring of twenty and will, if taken out this year, make a great show. He is cataloged as Lot 5. Lot 17, Golden Headlight, should please the friends of the famous Golden Drop family, as when Mr. Duncan cataloged this bull he cataloged a show bull, a beautiful red and one that is good from end to end. He was got by Golden Headlight and out of 8th Linwood Golden Drop. No cow in the West can show more sons at the head of good herds than can 8th Linwood Golden Drop, and the lucky purchaser of Golden Headlight will have nothing to regret in the future. Lot 12, Orange Magnet, an Orange Blossom, got by Magnet, is a last November calf and one that Mr. Duncan considers one of the best calves on the farm. He is well grown and should meet with favor. Lot 18, Good Enough, will be found a desirable Cruickshank Eliza. There is not a mean bull in the entire offering and bull buyers will not be given another such opportunity to select from such a number of good ones as at Mr. Duncan's sale. In females, fully as good a lot have been cataloged as have gone through any sale of fifty head for some time. Of these more will be said next week. Mr. Duncan is mailing catalogs as fast as the inquiries are received and we urge all our readers who are interested in good Short-horns to send for one now and arrange to be with Mr. Duncan sale day. See page 22 and when writing kindly mention this paper.

EXCURSION TICKETS TO MILWAUKEE, - WIS.,

Via the North-Western Line, will be sold August 12th, 13th and 14th, with favorable return limits, on account of Grand Aerie, Fraternal Order of Eagles. Apply to agents Chicago & North-Western Ry.

MAKE A SUCCESS OF YOUR TALENTS.

The opportunity of your life is awaiting in the new towns on the Chicago Great Western Railway. Openings in nearly all lines of business. Write today to E. B. Magill, Mgr., Townsite Department, Omaha, for full information and copy of "Town Talk."

First Annual Offering

Short-horn Cattle

At Burwood Stock Farm,
Milwaukee, Wis.,**TUESDAY, AUGUST 7TH.****45 HEAD. 39 FEMALES, 6 BULLS. 45.**

Nearly one-half of the offering will be straight Scotch of the most popular strains, and the balance representatives of the best American sorts, topped out by bulls of the choicest Scotch breeding. EVERY FEMALE OF BREEDING AGE WILL EITHER HAVE A CALF AT FOOT OR BE SAFE IN CALF TO NOTED SCOTCH BULLS. I have selected for this offering as good as my herd affords, and feel confident that I will present a draft of cattle that will satisfy the most critical buyer.

Every Animal Absolutely Guaranteed a Breeder.

The sale will be held at BURWOOD STOCK FARM, which is easy of access by street car from Milwaukee. Take MUSKEGO LAKES CAR from Chicago, Milwaukee & St. Paul depot to ST. MARTINS, where conveyances to the farm will be in waiting. I extend a cordial invitation to Short-horn men generally to come and spend a day with me at Burwood Farm whether you buy or not.

Catalogs giving full particulars will be sent upon application. Mention this paper and address,

DR. W. H. EARLES,
9th & Wells Sts., Milwaukee, Wis.

Cols. G. P. Bellows, C. M. Jones, R. W. Barclay and J. Walker, Auctioneers.

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$23.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

G. A. R. ENCAMPMENT, MINNEAPOLIS, AUGUST 15TH TO 18TH.

SPECIAL LOW RATES.
\$5.95 FROM DES MOINES TO MINNEAPOLIS, MINN., AND RETURN ON

AUGUST 11, 12 AND 13, will apply for tickets with favorable return limits, on account of National G. A. R. Encampment, via the North-Western Line. Direct route. Splendid train service. Excellent fast schedules. Special G. A. R. trains. The best of everything. For dates of sale and full particulars apply to agents Chicago & North-Western Ry.

LAKE AND RAIL TRIPS.

During the summer months the Chicago Great Western Railway sells tickets via all steamship lines on Great Lakes in connection with their line to Chicago, or St. Paul and Duluth. From this time until September is the time to sail the lakes and see Duluth,

LIVE STOCK AUCTIONEERS.

FRED REPPERT,
DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



GEO. P. BELLOWES

LIVE stock auctioneer. Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

Col. Judd McGowan
CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A LIFETIME IN THE CATTLE BUSINESS.

A GRADUATE of Iowa Agricultural College, Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

C. C. KEIL, LADORA, IA.,
LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

JAMES P. SPEARMAN, PAPILLION, NEB.
LIVE STOCK AUCTIONEER.

THOROUGHLY acquainted with pedigree and individual merit. Write me before booking dates

J. WEST JONES, DAVENPORT, IOWA.
CAREY M. JONES, DAVENPORT, IOWA.

IOWA'S LIVE STOCK AUCTIONEERS.
Write before claiming dates.

Superior, Isle Royale, the Copper Range, Sault Ste Marie, Mackinac Island, Detroit, Toledo, Cleveland, Erie, Buffalo, Niagara Falls and other points of interest. Call or write for full information. E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

SUMMER TOURIST EXCURSIONS
Via Chicago Great Western Railway to points in Alberta, Arizona, British Columbia, California, Idaho, Montana, Oregon, Washington, and Mexico City. Stopovers and side trips allowed. Tickets on sale daily to September 15th. Final return limit October 31st. For full information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

ANNOUNCEMENT EXTRAORDINARY

50 HEAD--Two Duroc Show Herds at Auction--50 HEAD

J. D. NIDLINGER

Decatur, Indiana, Wednesday, August 8

Besides the two show herds he will sell several tried sows bred, also a few spring pigs, State Fair Winners, at your own price. The blood of Corrector, Longfellow, None Such, Echo King, J. B. J., J. D.'s Improver, Hanley, I. J.'s Chief, and other noted sires. Send for catalog NOW. If you are unable to attend, send bids to Mr. D. M. Pierce, representing this paper in care of Mr. Nidlinger. Write for catalog mentioning The Homestead.

Cols. F. F. Luther, C. C. Keil, Fred Reppert, Auctioneers.

J. D. NIDLINGER, - - DECATUR, INDIANA

Dispersion Sale of Celebrated Champion

Baby Beef Herd Aberdeen Angus Cattle at Stock Yards Pavilion,
Galesburg, Ill., Tuesday, August 14th

Fifty head of celebrities are cataloged, including the champions and their sires, dams, brothers and sisters, and all are strong in the blood of the renowned Nosegay, the most popular champion Angus bull that was ever exhibited in American show yards. More high-class bulls are cataloged than were ever seen in one sale in this country and include Rosegay 2d 75856, Rose's Earl 63086, Vala's Rosegay 63745, Key 72172, Intensified 93993, Echo Ito 83734, Equalizer 83737, Envoy 3d 93990 and Evener 93998, several of which have defeated the best bulls of the day, and from which, I believe, can be selected all the great first-prize winners and champions of 1906. Eleven Trojan Ericas, several of which are imported and all of the best individuality and most fashionable blood lines will be auctioned. The Ball-indaloch K. Pride cow, Key of Chicago, that I consider the greatest cow of the breed today, will be sold with her prize-winning son and daughters, and there are also included other superior Prides. Every family in the herd has produced prize winners and champions, and each and every animal goes without reserve on this occasion. For catalog of this great dispersion sale address, mentioning this paper,

C. H. GARDNER, BLANDINSVILLE, ILL.
COLS. CAREY M. JONES AND SILAS IGO. AUCTIONEERS.

CHESTER WHITE HOGS.

Model Herd Chester Whites

Q STRICTLY choice fall boars sired by All Right 11789. 75
Q spring pigs, March and April farrow, sired by W. F.'s
Model 12101, All Right 11789, Seductor 12387 and others of
equal merit. If in need of something choice order early from
the Model Herd. Guaranteed as represented. Am booking
orders for spring pigs to be shipped when wanted. Ship C.
O. D. and pay express. W. F. Hemmerling, Dike, Iowa



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.
D. H. LEWIS, - - - - - GENESEO, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium. 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R.R.1, Neponset, Ill.

KERR'S
O. I. C.'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,
O. L. KERR, INDEPENDENCE, MO.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the set of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the set of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for descriptions and prices.
JNO. CRAMER, BEATRICE, NEB.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin Ship nothing but the best. Satisfied customers Write for descriptions and prices.
N. A. RANCK, - - - - - NIOTA, ILLINOIS

SOME CHESTER WHITE BARGAINS.
10 FALL YEARLINGS, 100 FEBRUARY, March and April farrows ready to ship. Our herd hogs weigh 900 pounds now. These pigs are of the best breeding strains that money would buy. We ship on approval. Prices right.
R. L. NAGLE & SON, Deep River, Iowa.

OUR spring crop of Chester Whites representing 5 families, good as there is in the U.S., although few in numbers, are extra good in quality. Up to Aug. 1, we will ship C.O.D. and prepay express. 12 fall gilts, bred, for sale.

MAPLEAWE FARM, Aurora, Ill.
W. M. Mercer, Prop.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine, 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,
F. P. & J. J. Hardin, R. 6, Lima, O.

SANGAMON HERD O.I.C. SWINE
200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.
J. F. HALL, - - - - - Mechanicsburg, Ill.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmer's prices. Herd Headers, Duke 4355, Frust 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

7 O. I. C. male pigs of Jan. farrow, very lengthy. Also pigs of March and April farrow.
Chas. W. Nebergall, Davenport, Iowa.

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred, stock mated. Farmers' prices. F. Ruemish, Good Hope, Ill.

CHOICE CHESTER WHITE MALE PIGS OF April farrow from registered stock. R. I. Red poultry. M. A. Gulman, Webster City, Iowa.

DISPERSION SALE

OF
RECORDED TROTTING
Short-horn Cattle..... Bred Horses.....

AT
Walnut Ridge Stock Farm
One Mile West of Carrollton, Mo., Wednesday, August 8, 1906.

50 Head Scotch and Scotch
Topped Short-horn Cattle
of good blood lines. . . . 50 | 23 Head high class Trotting
Bred Horses, sired by Nor-
berry 23743, rec. 2:17 1-4
and Alora 2:09 3-4. . . . 23

SAMPLE PEDIGREE.
SERAPHINA VOL. 44.

Dams.	Sires.	Breeder.
Imp. Simplicity	Got by Imp. Master of the Mint 99462	W. S. Marr
Surmise	Cumberland 46144	A. Cruickshank
Surber	Pride of the Isles 35072	A. Cruickshank
Surber	Champion of England 17526	A. Cruickshank
Surber	The Czar 20947	A. Cruickshank
Surber	Lord Sackville 13249	A. Cruickshank

This Cow and seven of her Descendants go in the Sale.

The offering comprises forty cows and heifers and eight bulls, including the herd bull, O. C. 179769, by Maxwell 121984, a Cruickshank Duchess of Gloster, sired by Blue Valley Duke 2884809. O. C. possesses the intensified blood of Double Gloster 55406. The cattle are a good, useful lot, from the old established herd started at Walnut Ridge Farm, by the late Jerre Turpin, over thirty years ago. They are sired by such bulls as Imp. Master of the Mint 99462, Grand Victor 115752, Orange Baronet 120377, Lavender Duke 177277, Percy Waterloo 116708, Bick's Barrington 110970, etc., and embrace such families as Imp. Simplicity, Rose of Sharons, Desdemonas, Adelaides, Princesses and Duchess of Sutherlands. They are heavy milkers and beef producers.

A cordial invitation extended to all lovers of good Short-horns and horses. Horses sell at 10:00 a. m.; cattle sell at 1:00 p. m.

For catalog of cattle or horses, address

GEO. L. BELCHER,

CARROLLTON, MO.

Harry Graham, Jas. W. Sparks, R. L. Harriman, Auctioneers.

HORSES.



W. A. LANG & CO., GREELEY, DELAWARE COUNTY, IOWA
—IMPORTERS AND DEALERS IN—
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH AND STANDARD BRED STALLIONS.

We have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all the best in their class. Colors, all bays, blacks and dark grays. No old worn out pictures. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write

Greeley Horse Importing Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905, 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT,
GREELEY, IOWA.



Lone Retreat

LAWSON, MO.

OLDEST Jack Farm in the United States, has for cash sale reasonable, 40 registered black mammoth jacks and Jennets. It was Ray's jacks that sired the greatest number of big mile winners at the Fair, St. Louis. J. C. Ray, Proprietor.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home-bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

Let Us Tell You Why. We want to send you our big Free Catalogue—just off the press. It tells why the **American Manure Spreader**—sold on Trial and On Time—is the best Spreader value on the market. With the catalogue goes our booklet on the Value, Care and Application of Manure. It's a fertilizer story well told by "a man who knows." Write for these two books today—they're free. **American Harrow Co., Detroit, Mich.**

PATENTS
ORWIG & LANE,
DES MOINES, IA. Send sketch or model of invention for free opinion as to patent ability. Reference, Ia. Homestead

SPECIAL ANNUAL
Niagara Falls, N. Y., Excursion,
THURSDAY, AUGUST 16, 1906,
VIA
BIG FOUR ROUTE

New York Central Lines.
RATE \$8.50 for the round trip from Peoria. Return limit twelve days, including date of sale. Stop overs will be allowed on the return trip at Westfield, for side trip to Chautauqua Lake points. Tickets will be honored on C. & B. Line steamers in either direction between Cleveland and Buffalo. Side trips to Toronto, Thousand Islands, Montreal, etc. Special first train of first class coaches, standard and tourist sleepers, will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas. 71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., - Fairfax, Ia.

For sale, 25 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilbo & Van Patten, Creston, Iowa

POLAND CHINA HOGS.



MATCHLESS PERFECTION.

30 FALL BOARS 40 SPRING BOARS

CURED by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy, and Correct I Know. Write us at once. We will certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.

THE JOE YOUNG HERD POLAND CHINAS.

25 FALL BOARS (Great big lusty fellows. Sired by Mass Chief, My Price.) 50 SPRING BOARS (Matchless Perfection Jr., Oakland's Prospect, T. H. Tecumseh) and Perfect, a grandson of Corrector. We can fill your order. Address,

YOUNG & DUNCAN, MADISON, NEBRASKA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Interpriser and Nemo L's Oakland, three boars of much size and finish. Write me for price on head boar or foundation herd of sows. Will sell either of my herd boars, and I have a few full males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

POLAND CHINA BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

**DIVISION OF AGRICULTURE,
IOWA STATE COLLEGE, AMES, IOWA**

40 Poland China Sows

AGED and tried sows, fall yearlings and spring gilts, all bred and safe in pig to Chief Perfection 1st 48029, Chidleyer 81225 and Prince Charming 83281 no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice late boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old. J. L. Slick & Son, Lanark, Ill., on C., M. & St. P. R. R.

FOR SALE.

10 CHOICE old sows, bred to Iowa Perfection 102717 to farrow from July 20 to Sept. 10, will weigh from 300 to 500 pounds and heavy bone, George Regemitter, Bennett, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. **GEO. E. PATCH, Blandinsville, Illinois.**

ESCHER'S BIG POLAND CHINAS.

WILL be ready about July 15 to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch. **E. F. Escher, Manning, Iowa.**

LEST YOU FORGET.

WE are booking orders for Poland China spring pigs to be shipped in August. They are sired by 7 great boars and out of dams that are as good as grow. Write describing your pig and price. **A. C. LANHAM, BATTLE CREEK, IA**

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d, Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 full pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one. **DR. H. PRITCHARD, - WISNER, NEB.**

"WILD ROSE" HERD POLAND CHINAS.

HEAD sired by Keep On Jr., a son of the 140 great Keep On and one of the litters that won 2d at Des Moines; Uneeda Thicket, a son of the noted boar Thicket, and Standard Tecumseh. Can sell you anything you want. Write me. **W. N. Booth, Danbury, Iowa.**

ABOUT THE SOUTH

"About the South" is the name of a 64-page illustrated pamphlet issued by the Passenger Department of the

Illinois Central R. R. Co.

in which important questions are tersely answered in brief articles about

**Southern Farm Lands
Mississippi Valley Cotton Lands,
Truck Farming, Fruit Growing,
Stock Raising, Dairying,
Grasses and Forage, Soils,
Market Facilities,
and Southern Immigration**

along the lines of the Illinois Central and Yazoo & Mississippi Valley railroads, in the states of Kentucky, Tennessee, Mississippi and Louisiana, including the famous

YAZOO VALLEY

of Mississippi.

Send for a free copy to J. F. Merry, A. G. P. A., I. C. R. R., Dubuque, Iowa. Information concerning rates and train service to the South via the Illinois Central can be had of agents of connecting lines, or by addressing **A. H. HANSON, G. P. A., Chicago, Ill.**

My herd of Poland Chinas are of the pig type. My

herd boar, Major Blain by Blain's Tee, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Do Do, and Blain's Tee. Everything guaranteed a breeder. **Robt. J. Peckham, Pawnee City, Neb.**

Hamilton's Royally Bred Polands.

MY last sale averaged over \$50. My type is the hog-men's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money. **L. W. Hamilton, Kearney, Neb.**

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock. **C. F. Robe, Jesup, Iowa.**

Choice Lot of Spring Boars for Sale.

POLAND China pigssired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogil, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall. **Juo. J. Schmal, Sutton, Nebraska.**

TRIGGS' Big Polands. My herd is headed by Major M. 31577, the great boar that has a combination of great size and quality, and has proven a great breeder. Both his sire and dam will weigh over 1,000 pounds. He also will weigh 1,000 pounds in show condition. When you want a good, growthy pig, write your wants. **J. R. Triggs, Dawson, Neb.**

WALNUT GROVE HERD POLANDS. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. **H. S. Chapman, Pawnee City, Nebraska.**

FOR SALE, some bred sows and gilts for August and September farrow, also early spring and fall boars all from leading strains. Good individuals with plenty of bone. These are bargains for anyone. Everything as represented. Priced so any farmer can safely buy them. Address, **C. C. Drake & Son, Terre Haute, Illinois.**

Make Your Own Fence Posts

AND building blocks. Make them of cement and sand. Cheaper than wood. Will last forever. Make for your neighbors. Write for catalog of molds. **EQUITABLE SPECIALTY CO., 714 I. L. & T. Bldg., Des Moines, Ia.**

DUROC JERSEY HOGS.

DON'T READ THIS

UNLESS interested in good pure bred Duroc swine or Barred Plymouth Rock chickens. Write your wants when on the market. Address, **Roy Stacy, - Rochelle, Ill.**

BARGAINS IN DUROC BRED SOWS

I HAVE several sows bred for September farrow. Two are two-year-old and balance yearlings; in good condition, but not hog fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address, **F. A. HAM, - SARONVILLE, NEB.**

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, **SMITH BROWN - Waterloo, Neb.**

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezelie (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgins's Model, Jumbo Perf., Improver 2d, Belle's Etel. Pigs are very growthy. Will price right. **W. J. East & Son, Clay Center, Neb.**

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale. A sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices. **H. B. GRIFFITHS, BOWEN, ILL.**

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver 11, etc. Have a few fall pigs that I will price right. Write me.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance. Keep On and Addy's Choice Goods. Public sale, October 3d.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

Duncan's Mid-Summer Sale of Short-horns

At Maple Hill Farm, Near Osborn, Mo., Wednesday, August 15, 1906, at 12:30 P. M.

10 BULLS, 7 PURE CRUICKSHANK. 10.

Among the bulls are my herd bulls, MAGNET 188058, an Orange Blossom, Golden Headlight 245876 and Scottish Victor 244264, three as great herd bulls as have gone through any sale this year. The remaining Scotch bulls, two Orange Blossoms, one Victoria and one Eliza, are exceedingly good and very promising.

I am selling as good cattle as I am retaining in my herd. Everything guaranteed. My illustrated catalogs give complete information regarding the offering, time tables and how to reach the farm. I would be pleased to mail one to all who are sufficiently interested to write.

H. C. DUNCAN,

OSBORN, MO.

Col. Geo. P. Bellows and Others, Auctioneers.

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24, although I have received tempting offers for them at private treaty. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address, **GEO. W. SECKMAN, RIPLEY, ILLINOIS.**

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 4113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lon Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandellion 12165. Duroc Standard 41117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challengeur 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times. **STOW & GINGRICH, HAMBURG, IOWA.**

HICKORY HILL DUROCS.

A FEW extra good, full gilts bred to Double Track and Fashion Boy for summer farrow, for sale at reasonable prices.

E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's last, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birth place of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead. **WATT & FOUST, CEDARVILLE and XENIA, OHIO**

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher. Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We will closely slip out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. **FALL SALE OCTOBER 22, 1906.** Kindly mention Homestead when writing.

Oak View Durocs

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale a choice lot of January boars sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. My price on best boar is \$100, the next best at \$75 and one at \$50. Am booking orders for spring pigs. **J. COY. ROACH, GIRARD, ILL.**

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,

A. B. Easter & Sons, Fremont, Neb.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,

A. E. POUSII, CHARITON, IOWA

40 Duroc Jersey Boars 40

SIRE by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, **J. W. Reynolds & Son, Defiance, Iowa.**

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired. **E. Z. RUSSELL, BLAIR, NEB.**

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. **T. E. Laurie, Jacksonville, Ill.**

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd headers. Prices right. **W. A. Kirkpatrick, Lincoln, Neb.**

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$5 each; pairs not akin \$11.00; trio \$15.00. **Hilcrest Farm, Greenwood, Mo.**

L. E. Thomas, Golden, Ill., R. E. Hogsett, Iowa Prairie, Ill. Ambition 37641, first prize boar Illinois State Fair, 1905, heads herd. At 15 months of age weighs 500 pounds after doing heavy service. 300 spring pigs, the get of such noted boars as Ambition, Tip Top Notcher, grand champion boar at World's Fair; Big I Am, first prize boar at Illinois State Fair, 1904; Kruger Again, Buddy K. IV, champion boar at Illinois State Fair, 1905, and other noted prize winning boars. Our pigs stand on best feet and legs. We are now booking orders for spring pigs. Stock guaranteed as represented. Inspection invited. Correspondence solicited. Address, Thomas & Hogsett, Golden, Illinois.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 87204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Firm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. **W. S. Penn, East Linn Farm, Springville, Linn County, Iowa.**

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY G. WARREN, INLAND, NEB.

THE \$410 sow, Ding Nicely. I have decided to offer some of my choice spring pigs sired by my herd boar Aethelred by Tip Top Notcher. Others sired by Ohio Chief, Morrisous' Bell Top. Sows represent the blood of the great Crimson Wonder, and Aethelred. Some promising pigs will be priced to sell. Fall sale will be held Oct. 15th. **A. Wilson, Bethany, Neb.**

DUROC JERSEYS FOR SALE.

I HAVE for sale 65 to 70 bred spring Duroc gilts out of Buddy K IV 20861, first prize and Champion winner at Illinois State Fair, 1905. Bred to Roland 37255, as good a yearling hog as walks today. Write for catalogue. **Rhode Island Red Chickens, Ed. A. Baxter, Pawnee, Illinois.**

FAIRVIEW DUROCS Am offering a few choice fall males and gilts. Write me if you want good ones nicely bred. **J. B. DAVIS, Fairview, Kansas.**

Red Crimson Herd of Durocs. I HAVE some good gilts of October farrow, that weigh 200 lbs. which are right, that will be sold at reasonable prices. Some choice Scotch Collie puppies from trained parents. **E. C. Norris, Dows, Ia.**

DUROC JERSEY HOGS

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding, Macedonia, Ia. PUBLIC SALE, October 3, '06

AT which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.



O. E. Osborn, Weston, Ia. PUBLIC SALE, October 4, '06

AT which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CRIMSON WONDER I AM

SOWS and gilts bred to this great sweepstakes boar for fall farrow. **U. G. Davidson, Manson, Iowa.**

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Eds. }
Sow sale February 25. } Inspection invited. 125 pigs. Write us. }
W. A. STAPLES & SONS, GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. Stock reserved for public sale August 8.

J. D. NIDLINGER, DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

IS a preparation easy to feed and the best corrector on the market for log troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Congdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address, **Phone R-936. THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.**

SHELDON BROS.,

A NEW FIRM.

BUT the same old herd. Our herd is rich in the blood of Gold Dust Jim, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS., Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. **MANLEY & CO., LYONS, NEB.**

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices. **L. H. Brynn, R. R. 1., Neponset, Ill.**

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. **Fred Kraschel & Son, Macon, Ill.**

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address, **J. E. WEHR, PORTSMOUTH, IOWA**

ULSTER PARK DUROCS

BRED sows, fall boars and gilts. I am offering a lot of young and some mature sows bred to farrow in September; few fall boars. Write, **M. M. ELMENDORF, Lacon, Iowa.**

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. **F. A. Kruse, Waco, Neb.**

MAPLE AND LAWNDALE DUROC JERSEYS.

HOME of Big I Am and Hambletonian, the two 800 lb. boars assisted by Proud Advance and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by Big I Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free every. Fall sale Oct. 26, bred sow sale Jan. 30, 1907. **Manlove Bros. & J. H. Norris, Bowen, Ill.**

A SQUARE DEAL FOR ALL.

I HAVE a few Duroc fall boars left that will be priced right. Also royally bred spring pigs sired by such boars as Ohio Chief. A full brother to Crimson Wonder doing service. Red Chief I Am, Billy K., Red Reuben, Higgins Model. Will price right. **F. Alldritt, Friend, Nebraska.**

OHIO CHIEF DUROC BOARS

FOOT SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once. **F. A. STRONG, ORIENT, IA.**

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. **WM. SUTTER, Liberty, Neb.**

112 CHOICE DUROC JERSEYS 112.

SIRE by Duroc Challenger's Wonder S 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. **M. S. Noats & Son, Randolph, Neb.**

PIONEER HERD DUROCS.

ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, **Arch Brown & Sons, Waterloo, Nebraska.**

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. **F. H. HERRING, R. F. D. 7, Iowa City, Iowa.**

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. **S. J. Butts, Mason City, Iowa.**

GRANT HERD DUROC JERSEYS. I AM now ready to book orders for delivery after September 1st. **Carl Hansen, Herman, Neb.**

CHOICE YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address **W. J. S. Taylor, Hinneston, Iowa.**

Notable Nebraska Short-horn Sales of Scotch and Scotch Topped Show and Breeding Cattle.

At Geneva, Nebraska, on Tuesday, August 7th,
I will sell fifty head of by far the most superior Short-horns that have ever been included in one of my auctions. They consist of fifteen bulls and thirty-five cows and heifers, twelve of which are Scotch. Two good show herds are cataloged, and included is the grand breeding bull, Bapton Gloster 213104, and eleven of his get of grand show yard character. The tops of the herds of I. W. Baughman, Edinburg, Ill., and C. H. Giller, White Hall, Ill., I was fortunate in securing. I have inspected the animals for this auction and they are absolutely good. They are also exceedingly highly bred, the most famous sires and families being represented and I would be pleased to mail catalog to all admirers of the Short-horn.

At Grand Island, Nebraska, on Saturday, August 11th.
Some fifty head of good, useful Short-horns will be auctioned. The bulls will number some seventeen head and are from eighteen to twenty-eight months old; good, strong ones, with scale and substance. The females include a few Scotch cattle, but they are mostly Scotch topped.
Edward N. Hurley, Wheaton, Ill., is dispersing his herd and includes sixteen of his best cattle on this occasion. His herd bull, Diamond Jim, a son of the noted Imp. Bapton Diamond, is cataloged.
Other consignors are Riley & Caswell, Albion, Neb.; F. C. McCutcheon, Holstein, Iowa; B. B. Dean, Glenwood, Iowa.

For Catalog of both Auctions and other Information, address,
W. C. McGAVOCK, - - - SPRINGFIELD, ILLINOIS.
COL. T. C. CALLAHAN AND OTHERS, AUCTIONEERS.

SHORT-HORN CATTLE. WOODLAND SHORT-HORNS

IMP. First in the Ring and Choice of the Ring bulls in service. Special inducements to buyers of females. Some choice young bulls for sale. Correspondence solicited. Address,

W. I. WOOD,
Williamsport, - Ohio.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER,
KEENSBURG, - - ILL.

SHORT-HORN BULLS

WE have seven head of choice bulls for sale. Two straight Scotch, five Cruickshank-topped. These bulls are from eight to fifteen months old. Solid reds, good individuals, big vigorous fellows. Will be priced cheap. Call on or address,
Ruebel Bros., Rockwell City, Iowa

OWENS BROTHERS HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 14455 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.
NEWTON and BAXTER, IOWA

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4
ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

Pike Timber Herds and Flocks

Short-horns, Shropshires, Poland-Chinas and R. C. Brown Leghorns.
T. A. DAVENPORT, Belmont, Ia.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haus, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordan & Dunn, Central City, In. Maine Valley Stock Farm.

SHORT-HORN CATTLE. CRESCENT STOCK FARM

NOW offers ten Short-horn bulls from eight to fifteen months old, Scotch and Scotch topped. Also twenty females, good useful cows and heifers. Inspection invited and reasonable prices on one or a carload.

A. L. STUTZMAN, NEW SHARON, IA.

EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. Prince Oderic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

N. P. HALGREN, - - - VINTON, BENTON CO., IOWA.

A Choice Bunch of Red Cruickshank Bulls For Sale.

YEARLINGS AND TWO-YEAR-OLDS.
ORANGE BLOSSOM, Brawith Bud, Queen of Beauty and Avalanche families. Farm telephone. **M. E. SLEMMONS, R. F. D. 1, IOWA CITY, IOWA.**

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

Wildwood Short - Horns ALL REDS AND DEHORNED

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

SCOTCH and Scotch topped Short-horn herd bulls, 12-year old Brawith Bud red bull, 1 yearling Wimple bull. Both herd headers. Will sell or exchange my herd bull Wimple Royal 241400. Best bull I have used. I have too many of his sisters to use to good advantage. Also 5 extra good Scotch topped bulls at farmer's price. M. D. Yard, Crawfordsville, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull litigmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

Scotch and Scotch-topped Short-horn Bulls
TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,
C. W. DAWS & SON, HARIAN, IOWA

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, - - - Fairfax, Ia.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,
J. H. MOYER, NEWTON, IOWA.

ELM GROVE SHORT - HORNS

AND POLAND CHINAS. Lavender Viscount 2d heads our herd of Short-horns. A few choice Poland China full males and gilts for sale. Write your wants.
ISAAC NEVINGER & SONS, Kirksville, Mo

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.
J. D. McDERMOTT, - ANITA, IOWA.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Oderic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
Davenport, - - - Iowa.

GEO. BONEWELL, GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 21653. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

Bargains in Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Stittytton Sort 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Monrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Way-side, the new herd bull we have purchased at a long price, to breed Stittytton Sort heifers which are an exceptional lot. Address,
G. P. Tyrrell & Son, Oxford Junction, Iowa.

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one tippy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

F. H. WIENEKE, - Marion, Iowa.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.

A SMALL HERD OF SHORT - HORNS FOR SALE

INCLUDING my Cruickshank herd bull Red Bud 145102, and 10 or 12 cows and heifers. These are bargains if taken soon. Write me quick.
DELMAR McCANN, Kennard, Nebraska.

SHORT-HORN CATTLE. ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 125543 and Imp. Lord Mount Stephen 265904 (both Misses) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

4 Good Young Short-horn Bulls For Sale.

SIRED by Victor Maple 203379 he by Grand S Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

WALNUT HILL HERD SHORT-HORN CATTLE

TWENTY-EIGHTTH annual public sale will be held Thursday, August 16, 1906. Catalogue of young bulls for sale at private treaty now ready. It includes the pedigrees of our choice string of young bulls among which are many of the best for herd headers and farmers and ranchmen, that will be priced well within their values. City office in People's Savings Bank. Farm 8 miles northwest of city, Clive Station, on C. M. & St. P. Ry. Telephone 523. Address, Flynn Farm Company, Irtural Route No. 5, Des Moines, Iowa.

Pleasant Dale Stock Farm.

Geo. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farui.

LARGE FORTUNES IN THE WEST

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VOL. LI. NO. 31.

DES MOINES, IOWA, AUGUST 2, 1906.

WHOLE NO. 2559.

SUPPLYING HOGS WITH MINERAL MATTER.

Live stock of every description is kept under more or less artificial conditions in the corn belt. Complaint is frequently heard regarding the increasing lack of stamina in live stock, and notably young hogs. Those who offer suggestions along corrective lines advise the freer use of bulky foods in the ration. It is claimed that the average breeding hog consumes too much grain and not enough pasture. On the other hand, early maturity is sought and certainly the animal fitted for market early in life brings to the owner the most profit. How then are we to keep the stamina up and at the same time force animals along by the somewhat free use of grain?

Corn is the foundation of all grain rations in the central West, and other foods may be regarded as being supplementary only to the great golden cereal. Unfortunately, corn contains a comparatively small percentage of bone-making material. About one and one-half pounds of ash is present in every hundredweight. In the case of oats there is practically twice this amount of ash.

Oil meal contains between three and four times as much ash as corn. It is not, therefore, surprising that a considerable percentage of hogs that are fed heavily on corn are troubled with rickets, thumps, etc. Although corn is lacking in flesh-forming constituents and does not in itself make a balanced ration, yet it is our opinion that the low percentage of bone-making material is the cause of certain ailments in hogs. Ash of course is used not only in making bone, but is employed in the circulatory system, being used in the building up of muscular and fatty tissue, as well as bone. In view of what has been said above, we believe that the average farmer who feeds corn heavily should make some provision for supplying ash. This can be done in a number of ways. In the case of young pigs that are being fed slop daily, it is an excellent plan to place some lime in a barrel, having this located near the feeding quarters. If, for example, fifteen or twenty pounds of lime are put in a fifty-gallon barrel and to this is added

ed twenty or thirty gallons of water, it requires but little labor to transfer a pail of this lime water at each feeding time into the slop barrel and in turn replenish the lime barrel with another pail of water. Whether it is the amount of lime that is supplied the system or the favorable effect of the lime water on digestion, we are unable to say; but from considerable experience we strongly recommend the practice.

A little copper sulphate may also be kept on hand in solution and two or three times a week a small quantity placed in the slop. Of course copper sulphate is exceedingly bitter and one will very soon learn that a small quantity only must be used, otherwise hogs will not eat their feed when this is present. The copper sulphate tends to destroy worms, and it is our private impression that some of the salts are taken into the system with good results.

Charcoal is very commonly advocated by swine breeders. This is ordinarily made from the burning of cobs, the burning being done in a covered pit. Where one has the pit and a metal cover this plan is to be highly commended. However, an excellent plan is to simply place

cobs in piles four or five feet deep and set fire to them. Just when they have reached the point where the whole pile is in a red heat, dash on plenty of water. If copper sulphate and common salt are dissolved in the water first, you then have an ideal charcoal and ash mixture for hogs. It is surprising how eagerly it will be consumed, and there is no doubt but what it satisfies some real requirement in the animal's system.

These things may take a little time, and there are those who are able to raise hogs from year to year without the use of anything but pasture and grain. On the other hand, there are hundreds and thousands of men in the corn belt who have trouble every year with their pigs. They grow slowly, if at all, during the summer months, and take on an unthrifty appearance generally. To these the above suggestions are given and we believe if they are carried out that many of our readers will be able to save an immense amount of feed.

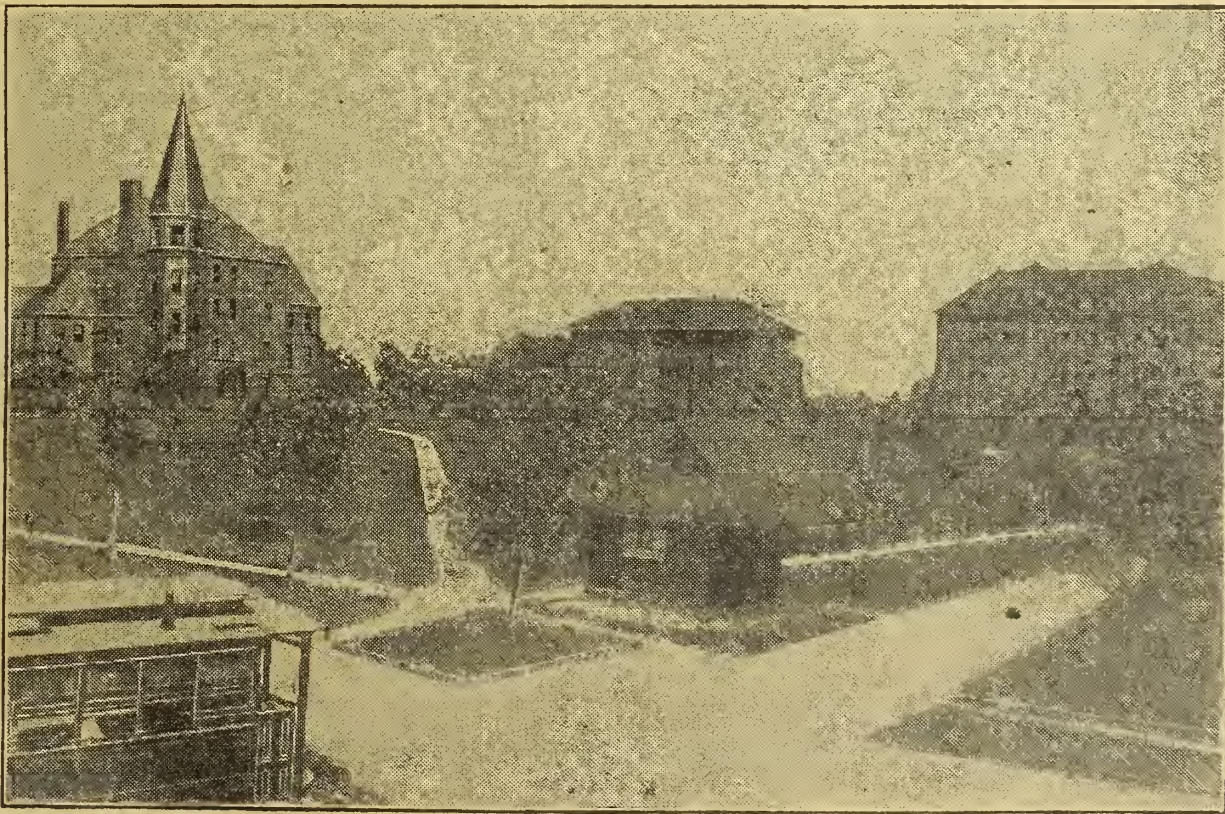
THE LOSS OF NITROGEN FROM SOILS.

The Minnesota Experiment Station has given a good deal of attention to the investigation of soil fertility problems,

notably that pertaining to the loss of nitrogen that results from certain systems of cropping. In Kittson county an analysis of the soil was made ten years ago, at which time it was found to contain .60 per cent of nitrogen. This crop was grain farmed during the next ten years, wheat being the main crop produced. As the result of this cropping the per cent of nitrogen amounted to but .52 per cent. The difference between these percentages amounted to 2,000 pounds per acre. The crops produced during this ten-year period removed from the soil only 250 pounds. The large loss of nitrogen, apart from what was removed by crops, was due to rapid decay of humus, of which nitrogen forms a part, and also loss of soluble nitrogen in drainage waters.

In another county where manure was added once during the ten-year period the loss only amounted to 1,000 pounds per acre, of which one-third of this amount was removed in the crop.

When wheat, oats, corn and barley were produced and the land given a dressing of farm-yard manure, but no clover or grass crop grown, the loss of nitrogen was in one instance 1,200 pounds. It will be noted that even where mixed grains are grown and manure occasionally added there is still a heavy loss of the most valuable element of fertility if no grass crops are grown. In contrast to the records given above, is the one from Dakota county where wheat, oats, corn and clover were grown. In ten years the land was manured once and only a small amount of grain was sold from the farm. After ten years of this kind of farming the nitrogen content was practically the same as at the beginning. The rotation in this instance was wheat seeded to clover; one year to meadow; then follows corn to which manure was applied; then two grain crops following the corn. The fact that there was practically no loss of nitrogen was traced to the effect of clover in taking nitrogen from the atmosphere and storing it in the soil. While there is not a farmer in the central West that does not realize that clover is a most valuable crop when considered from the standpoint of maintaining fertility, yet



HIGHLAND PARK COLLEGE, DES MOINES, IOWA.

Highland Park College, Des Moines, Iowa, is one of the largest and best equipped colleges in the West. The attendance in all departments is very large, the enrolment the present year reaching 2,143 students. The above illustration will give some idea of the college and gives an exact picture of the main college buildings. There are nine buildings in all—six large brick buildings and three large frame cottages. The attendance is by no means local, there being students in attendance from at least three-fourths of the states of the Union. The college work at Highland Park College is equal to that of any other college in the West. The Normal work is equal to that offered by any of the state Normal schools. Besides, there is a primary training course that is not excelled in any of the Normal schools of the country. The college of engineering is one of the most thoroughly-equipped colleges of engineering in the country. A specialty is made of practical work. The shops are thoroughly equipped and students receive shop work from the beginning. There are courses in steam engineering, electrical engineering, civil engineering, mechanical engineering, traction engineering, gas engineering, and telephone and telegraph engineering. The school also maintains the largest and best-equipped college of pharmacy in the country. The college of music at Highland Park College is in all probability the best-equipped college of music west of Chicago. There are eleven first-class musicians employed as teachers in this one department. The college of shorthand and typewriting and the business college are known throughout the West as the most complete schools of this kind to be found in the country. The expenses are very reasonable indeed and the accommodations the very best. There is probably no more scholarly faculty to be found in connection with any college in the West. We are glad to present this illustration of Highland Park College to the readers of this paper. We recommend it to their consideration, believing that all who attend it will find it one of the best-equipped and best-organized schools in the West.

it is doubtful if many appreciate the fact that a clover crop grown once in five years on a soil, together with the return of manure once in ten years, will practically maintain

the fertility supply in a soil. Indeed, in the instance given, the productiveness of the soil on which clover was grown twice in ten years was actually increased.

STACKING GRAIN.

When we consider the amount of grain unnecessarily damaged in the stack we can readily see that the subject of stacking grain is one well worthy of consideration. The secret in stacking grain to keep is to build the stack so that it will stand erect, with the bundles slanting downward from the center and in shape very similar to that of an egg (that is, inclined to be pointed) with the small end up.

To guard against having damaged bundles at the bottom of the stack it is well to place a little straw or some rails or to plow the ground where the stacks are to stand. Where a little straw is used it will stick to the ground and the bundles will peel off nicely and be free from dirt or rotten straw. As the plowing leaves the ground with the capillary tubes broken the moisture will not be carried upward so readily as it otherwise would.

In starting a stack begin as in making a round shock gradually allowing the bundles to become flatter so that by the time the desired size of bottom is reached the outside row of bundles will be flat enough so that bundles can be laid on top of them. From here up to where the bulge is to be started keep the outside of the stack perpendicular with the bundles well tramped to the outside. This will aid materially in keeping the stack standing erect.

The height at which to place the bulge depends upon the condition of the bundles and style of bulge, but should be at a point so that when the stack has become settled it will hang well to the ground, but not touch. While the bulge is being built the bundles in the outside row cannot well be as steep as they can afterwards, as there would be danger of their sliding off, but they should be laid in such a way that when the stack has become settled they will be steep. To do this lay the outside row of bundles and the one next to it at the same round, the staker using a fork and keeping as well toward the center as is convenient and laying the butts of bundles in the second row only well over on the heads of the bundles in the outside row. This helps to prevent the outside from becoming too steep to lay bundles on. Work the bulge outward to a distance not less than the length of an ordinary bundle, then keep the outside of the stack nearly perpendicular for a few feet after which draw in very gradually until the stack is back to about twelve feet across at the top, during which time continue laying the outside row and the one next to it at the same round, being sure to have the heads of all the bundles higher than the butts or about one-third pitch. To do this, extra layers of bundles will have to be added occasionally to keep the middle full.

When adding these extra layers do not begin at the outside of where you want them, as the heads would be liable to pitch toward center, but begin at center laying outward only so far as you have the desired pitch, and if still too flat to keep the heads of the next regular layer well up, repeat the process. Always do enough of this filling up in the middle to keep a stack as steep as is convenient to stack on.

When the stack has become narrowed in to about twelve feet in diameter at top it seems well to drop the laying of the two outer rows of bundles at the same round, as they reach too near the center, and do not admit of room for adding extra layers to keep the desired pitch, which is at an angle of about forty-five degrees from here up. With this pitch and in order to draw in faster the nearer the top we get so as to produce the oval or egg shape, we are allowed to lay the butts of the bundles in an outside row only well down over the heads of the bundles in the previous outside row. Where not otherwise mentioned lay butts about down to the bands. When the holding of the top of a stack to the oval shape brings it to a center lay a cap bundle on top and the stack is ready for the hangers. Existing conditions should de-

termine the shape and also the size of the stack.

The slower a stack is drawn in the better it will shed water, but there is a limit to the height to which it is convenient to pitch, and the more slender the top the more danger there is of the stack leaning over. The nearer the outer edge of the roof the more water there is to be carried, and it is the same with a stack. From these facts one might conclude that the proper slant for drawing in would be inversely to the flow of water on a roof; that is, but little at the lower edge and gradually increasing as the top is neared.

Very large stacks are cumbersome to handle and very small ones cause a waste of time in moving and setting a machine. We consider the proper size of stack to build is one as large as is convenient to pitch to or containing about nine or ten loads. The advisability of stacking or thrashing from shock, of course depends upon the conditions. Where a thrashing machine can be had just when wanted and if the weather could be depended upon and where the straw is not needed, there would be a saving of perhaps from twenty-five to forty cents per acre by thrashing from the shock. The straw blower is usually needed and by stacking and thrashing later in the season when the grain has become well cured, the straw will be of much better quality, as it escapes a share of the fall rains. The grain also is usually of better quality, keeping better when stored and bringing a better price. By stacking, many of the expensive hinderances are avoided which are liable to occur in shock thrashing. The weather is liable to delay shock thrashing until the damage to the grain exceeds the extra expense incurred by stacking.

All things considered we prefer stacking, using basket racks and beginning as soon as the grain is in proper condition and keeping steadily at it whenever it is fit, and the stacking will not last as long as one might think. C. W. Hale. Olmsted county, Minn.

We stack our grains chiefly to protect them as much as possible from the ravages of the elements, until such time or opportunity arrives that we can thrash. It behooves us therefore to put up good stacks—stacks that will both shed water and stand high winds.

If we remember our stacking when we cut the grain we can do something towards making it an easier job, by making bundles that will build the best stack. Of course if grain is down or badly tangled, we are glad to get it into a bundle of almost any size or shape. Of standing grain that we can handle as we see fit we want good sized bundles tied, and firmly enough so they will retain their shape until they go into the stack. The twine band should be only a little below the middle of the bundle. If placed lower, the butt end becomes too small and will not fill out its place in the stack, and at the same time the top becomes spreading and loose and makes the bundle hard to handle.

In starting a stack, lay two bundles in a cross where you want the center of your stack, then shock bundles around these until the desired sized bottom is reached. In making this bottom, lay the bundles more than standing them. If each course overlaps the preceding one enough to amply protect the grain heads from the ground, it is enough. Some stand the bundles in the center and then gradually draw them out so as to have them lay flat by the time the outside is reached. The objection to this is that the center bundles standing up will be more or less crushed by the weight of the stack, and as a result the center is apt to settle more, in proportion, than the outside.

Now when you have your proper sized foundation you reverse the process and lay a course of bundles even with the outside first. Then if the center becomes dish-shaped, fill up by throwing in bundles promiscuously. Lay the second course only enough over the tops of the first one to bind same well, but let the re-

maining inner course lap over the preceding one about out to the twine band. This should give a very full center on which the bundles and succeeding layers or courses should slant slightly outward.

Some stackers pay very little attention to how the center of the stack is kept until the bulge is reached or when they commence to draw in. Although the balance of the stack may be so built that it will effectually shed water even if the lower part is built flat, or even dish-shaped, it is nevertheless a better practice to start right and then keep on right, than to change style of stacking in the middle of a stack. An advantage of no small importance in stacking with a full center, so that all bundles lap gently outward from the bottom to top of stack, is found in seasons of rain. A stack properly built should withstand a considerable shower of rain even if left unprotected at any stage of completion. The writer has frequently had stacks open during heavy rains and has rarely had to move more than the upper course for drying.

Build the stack as nearly perpendicular as possible for at least five feet up, and while building this portion of the stack do not be afraid to get on the inner courses as well as the outer ones and work them down so as to get a solid foundation when it comes to making a bulge on the stack. The size of the bulge is greatly governed by the condition and kind of grain as well as by the skill of the staker. The object of the bulge is to make eaves on the stack, so as to run the water off, in place of running it all the way to the ground on the grain. The bulge also assists in getting a better shape to the stack, in that the bulge part of the stack extending out over the base portion gets a better chance to settle down, and thus the outer course all the way up settles more than the inner portion and hence becomes steeper and sheds water more effectively. Make the bulge gradually; that is, don't try to put any one course away out over the preceding one, but little by little for from four to six courses. Then work back as gradually. This will give considerable weight over the bulge and the stack should settle well. Never draw a stack quickly from the start, but rather on finishing out so as to get a blunt and stiff top. A stack that is drawn gradually from the beginning and harder near the top will also contain much more grain, as it will have the bulge sides all the way up instead of a straight-sided cone. While the stack is being drawn, pack the bundles closely so as not to leave any large opening for wind to get at or for rain to drive in.

We are presuming that everybody now uses the fork to stack with in place of kneading and elbowing the grain together. We mention this because we wanted to say that in drawing a stack the staker can see over the edge of the stack, if the center is kept well filled, without going near the outside. This is a great help in making a symmetrical stack. Do not try to draw a stack fast if the bundles are short, for then too much grain is liable to be exposed, even if the staker as a whole is good.

In topping out a stack it is neither necessary nor practical to set up a cap bundle. Instead, lay all bundles and secure by putting in three or four slender stakes or sharpened laths. Cut notches near the upper end from down up and let these engage the twine on the upper bundles and they will be held very firmly. Should a stack commence to lean over to one side, either during the building of it or soon after, braces may be put against it on the side towards which it leans. Several bundles should then be drawn out on the opposite side and from below the bulge, for about one-third of the circumference to make the stack settle back or at least settle the side of the stack that has been drawn in when the stack went over so it will shed water better. Build good sized stacks. By this we mean stacks containing at least seven loads or more, as the exposed area on a large stack is not much larger than on a small one.

Brown Co., Minn. Carl Olstad.

The kind of stack which is usually built in this vicinity and which in my judgment is the best, is the round or cone-shaped stack. To build this stack I set a shock where I wish to have the center of the stack and keep setting bundles around this shock until the desired size is reached, when I begin on the outside and lay a row on the outside of the butt high enough up so that it will not



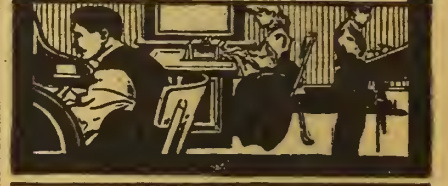
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touch the ground. This row I lay by hand and get down on it with my knees so as to press the bundles firmly in their place. With the exception of this one row all the rest of the stack I build with the fork. When this row is completed I again begin on the outside and lay one row right straight on top of this and a second row about as far out as the band. When these two rings are completed the center will be dish-shaped. This can be filled with bundles laid in any way to fill up, just so they fit good and leave a level, smooth center. I keep on in this way until the stack is four or five feet high. The outside of the stack must be kept perpendicular up to this height.

I bulge my stack now by laying a row of bundles over the edge about six, eight or ten inches, depending upon the length and stiffness of the straw. The second row is laid about two-thirds on top of this outside row so as to keep it firmly in place. Only ridged, good-shaped and well-bound bundles should be used for these two rows, especially the outside one. The third row of this tier should be laid so far upon the second that when the next outside row is laid it will rest upon the butt of these three rows. When these two tiers are completed the center should be pretty high so as to give slope to the outside bundles and make them shed water.

I now begin to draw my stack gradually at first and more with each succeeding tier so as to give the stack an oval outline. When the stack is completed, or to complete the stack, rather, I choose a large flat bundle and shape it by bending it over my knee so as to fit and cover the remaining last two bundles. This I call a cap and is held in place with a lath that is notched on one end and stuck in the stack so as to pin down the cap. I also pin down in like manner all bundles that are not held in place very well by those above them.

In stacking the following points should be borne in mind: First, always lay all, and especially the outside bundles, close together; second, the butt being the foundation of the stack should be well built, otherwise the stack will settle out of shape; third, don't draw the top of the stack too long for that will cause it to become soaked in settling; fourth, the outside rows are exposed to the rain and wind and therefore there should be good bundles with large butts in these rows; fifth, raking off the sides of the stack when it is completed draws the straws straight and down and removes all grass that is in the butts of the bundles and thus the stack will shed water better.

Watsonwan Co., Minn. Otto Uhlhorn.

EXCURSION TICKETS TO CHAUTAUQUA ASSEMBLY AT AMES, IOWA. Via the North-Western Line, will be sold at reduced rates on August 10th, limited to return until August 11th, inclusive. Apply to agents Chicago & North-Western Ry.

Farm Furrows

Turned by a Practical Farmer.

The hoe and the scythe should be in the best of condition this month.

Very frequently while haying is on, the weather is very much off.

I like to grow roses, but I very much dislike to fight the enemies of the rose bushes.

So long as some men are born shrewd and others silly there will be gold brick schemes.

A dry time is not a good time to locate tile drains, but it is a good time to dig them.

The man who can convince a moonologist that he is wrong has a hard job on his hands.

I am led to believe that many farmers do not come up to their possibilities in the making of a garden.

Sometimes little leaks lead to large ones, which eventually turn profit into loss. It is the successful man who looks after the leaks.

Bogus meats are not modern. I remember of reading a book where David, the psalmist, said: "They gave me also gall for my meat."

Some men will not take a minute of time to replace a tool, but they will take an hour's time in hunting one that has been misplaced. Is this economy?

Some people get the hay fever twice. They get the fever to make hay at one season and later they get the real hay fever and go about sneezing. I would much rather have the first kind of hay fever.

When a cow is seen to be persistently gazing through a fence at the growing green corn, it is very evident that she is looking for a weak place in the fence, which may cause trouble for her owner.

An airship will be one of the attractions at the Iowa State Fair this year, the last week in August. This will be a sight worth going many miles to see. Railroads will sell tickets at one fare for round trip.

I have read enough literature about keeping the boys on the farm to form a big book. I have lived long enough to know that the solution of keeping some boys on the farm is in keeping the daughters of some other farmer on the farm.

If one farmer raises forty bushels of corn per acre and another raises eighty, what chance has the forty-bushel farmer of competing with the eighty-bushel farmer? It is barely possible that the eighty-bushel farmer is the forty-acre farmer.

Stubble fields are not pastured as much in the West where fencing is expensive as they should be. There are always many weeds that will be well to have exterminated in the stubble. Pasturing is the best way to get rid of many of them.

At church we observe the "end seat hog," in passenger cars we see the "double seat hog," and wherever we go we see hogs of various kinds. It requires no stretch of imagination at this time to see the seven-dollar hog in the market. This is the hog that suits the farmer.

Those of our readers who are going to the Iowa State Fair should open correspondence with the Commercial League, Des Moines, at once and arrange for a place to stay while attending the fair. There are many good homes which will be opened to fair visitors at reasonable prices. State what kind of place desired and about what you wish to pay. Don't

expect a good place too cheap. If this matter is attended to before the fair at an expense of two or three postage stamps, it will save valuable time when you get to Des Moines.

How often we hear men saying that if their "foresight" had only been as good as their "hindsight," they could have done so much better. Perhaps the "hindsight" of some other man may answer as a "foresight" for you.

Where one can do so, it is a good plan to save seeds of all kinds. It is better to save garden seeds than it is to depend on buying. One can buy seeds and test varieties, and when good varieties have been found the seed should be saved at home.

As a rule doing chores after dark does not pay. It is as important that chores are well done as any of the day's work, hence they should be done in daylight. There may be times when it will be well to run the choring into the night, but as a rule the practice should be to do them in daylight.

A newspaper item states that China is awakening to the advantage of scientific agriculture. In many provinces agricultural colleges are being established which are generally under the supervision of Japanese, who are introducing American ways and methods of teaching scientific agriculture.

I have never computed the loss to wheat and oats by leakage of a granary or by rats and mice, but judging by what I see each year when cleaning out the bins I am led to believe that it is much larger than it should be. When I build new granaries I shall make the foundation of concrete, and it will be rat proof.

I have a neighbor who has been fighting trusts and combines for more than twenty-five years. Recently he told me that he was going to join the trust now being organized to regulate the price of farm products. This illustrates what I have been saying "that all trusts are wrong but ours." In my opinion, one trust is as bad as another.

It is a very common thing to hear farmers say that everybody stands ready to cheat the farmer. Yes, while that is true, many farmers stand most ready to cheat themselves. It will be well to watch one's self as well as the other fellow. As a rule the man who watches himself is best capable of watching his fellow man. He knows whom to watch.

An Illinois friend writes me that he has been baling hay from the swath. He makes bales of about sixty pounds and in storing them away they are set on edge, leaving a small space between them. Bales of larger size will do, but in foggy weather they are liable to heat. He says the baling can be done with practically the same amount of help required to care for the hay in the old way.

Select a piece of ground large enough for garden purposes close to the house, haul plenty of well-rotted manure on it and not later than October plow it. Any time between now and spring a chicken-tight fence can be put around it and it will be ready for the earliest vegetables. I have a large garden, one side of which is put to early vegetables one year and the next it is put to late varieties and thus there is a change.

It is well enough for a boy to know the advantages of an education. The man in the future without an education is handicapped. The average man with an education gets \$1,000 a year; the average man without an education can get \$1.50 per day. In forty years the former will earn \$40,000, while the latter has earned \$18,000. The man with an education is \$22,000 better off than the other man. It pays to think and to know how to do certain things. Every day in school is worth a good deal to the average boy.

We often wonder about the origin of the Colorado potato bug. I have looked him up, and find that he has existed for ages on the plains and that his former diet consisted of the wild potato and various plants of the tobacco family. There has never been enough of these plants to justify these bugs growing large families, hence they have been kept in check. When the western farmer began operations and started in the potato business it was a delight to these bugs and they increased rapidly. The Colo-

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rado potato bug is now found almost everywhere where potatoes are grown.

In marketing various kinds of farm produce it is well that the marketer look well—as well as the produce that is being sold. This has a great effect on customers, and it will pay to have a good appearance in selling produce to city or town people.

For many years I have spent a week at the state fair, and I know no better place for an outing that will afford so much pleasure along with some business. The farmer has business at the state fair. The things learned there are in keeping with the things in which he is interested. The show of fine stock at the Iowa State Fair this year will be better than ever, which is saying a good deal. Nowhere on earth will be found better cattle and hogs. Make arrangements now to attend the Iowa fair at Des Moines, the last week in August.

AN ADEQUATE SUPPLY OF CARS FOR SHIPMENTS OF LIVE STOCK.

An important practical question for live-stock men and farmers is a prompt supply of an adequate number of cars for shipments of live stock, either where the initial and terminal points are in the same state, or where the initial point is in one state and the terminal point in another state. When the initial and terminal points are in the same state, there is no question of the power of the state to control the matter, if the regulations are fair and reasonable. But where the initial and terminal points are in different states, other questions arise, because this is interstate commerce, which by the United States constitution, is placed under the exclusive control of congress.

In a case before the United States Supreme Court, *Houston R'y Co. vs. Mayes*, decided April 2, 1906, the state of Texas had passed certain laws which provided, in substance, that upon a written application made by any shipper of freight, delivered to an agent of a railway company, stating the station or switch where the delivery of the car was to be made, the point of destination, the number and kind of cars required, and the time when desired, and upon payment to the railway agent of one-fourth of the freight to which the carrier would be entitled for the shipment, the railway company must furnish the cars required within the time limited by the law, after the written application was delivered, that is three days for ten cars or less, six days for more than ten cars and less than fifty cars, and ten days for fifty or more cars, except in case of strikes or other public calamity, and for its failure to do so, the carrier was made liable to the shipper for the payment of \$2 per car, per day, for each day's delay, together with the actual damages suffered by the shipper.

On April 9, 1903, Mayes served a proper written application on the railway agent at Llano, Texas, for seventeen stock cars, deposited the requisite one-fourth of the freight charges, and requested the cars to be delivered on April 20th. Mayes afterwards tendered the balance of the freight charges; and, on the day specified, had 625 head of cattle on hands at Llano, ready for shipment. The company failed to furnish the cars until the following day. Mayes then sued the railway company for the one day's delay, and recovered the statutory penalty of \$425, and \$500 actual damages to the

stock caused by the delay. The railway company appealed through the state courts, where it was defeated, and finally carried the case to the United States Supreme Court.

The opinion was delivered by Mr. Justice Brown, who referred to the rule that the power of congress over interstate commerce did not preclude any state from exercising what is called its police power, being a class of regulations for the public good.

The opinion of the court said:

While there is much to be said in favor of laws compelling railroads to furnish adequate facilities for the transportation of both freight and passengers, and to regulate the general subject of speed, length, and frequency of stops, for the heating, lighting, and ventilation of passenger cars, the furnishing of food and water to cattle and other live stock, we think an absolute requirement that a railroad shall furnish a certain number of cars at a specified day, regardless of every other consideration except strikes and other public calamities, transcends the police power of the state, and amounts to a burden upon interstate commerce. It makes no exception in cases of a sudden congestion of traffic, an actual inability to furnish cars by reason of their temporary and unavoidable detention in other states, or in other places within the same state. It makes no allowance for interference of traffic occasioned by wrecks or other accidents upon the same or other roads, involving a detention of traffic, the breaking of bridges, accidental fires, washouts, or other unavoidable consequences or heavy weather.

A dereliction of the road in this particular, which may have occurred from circumstances wholly beyond the control of its officers, is made punishable not only by damages actually incurred by the shipper in the detention of his stock, but, in addition thereto, by an arbitrary penalty of \$25 per car for each day of detention. The penalty which was assessed in this case, though the detention was only for one day, amounted to nearly as much as the damages, and might, in another case, amount to far more.

Although the statute in question may have been dictated by a due regard for the public interest of the cattle raisers of the state, and may have been intended merely to secure promptness on the part of the railroad companies in providing facilities for speedy transportation, we think that in its practical operation it is likely to work a great injustice to the roads, and to impose heavy penalties for trivial, unintentional, and accidental violations of its provisions, when no damages could actually have resulted to the shippers.

Although it may be admitted that the statute is not far from the line of proper police regulation, we think that sufficient allowance is not made for the practical difficulties in the administration of the law, and that, as applied to interstate commerce, it transcends the legitimate powers of the legislature.

The judgment of the court of civil appeals is, therefore, reversed, and the cause remanded to that court for further proceeding.

The results are that the right of each state is established to enact laws for the purpose of securing a prompt supply of cars for stock shippers and others; that such laws come within a proper exercise of the police powers of the state, and do not interfere with the power over interstate commerce, which belongs exclusively to congress; but such regulations made by the state must be fair, reasonable, and not unduly onerous and burdensome upon the railway companies affected by such state laws.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

\$5.95 TO MINNEAPOLIS AND RETURN

Via Chicago Great Western Railway, account G. A. R. Encampment August 13th to 18th. Tickets on sale after August 11th. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

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THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

THE FAT BREEDING HOG.

One of our Nebraska subscribers sends the following communication:

I desire to call attention through your columns to one point in our present judging system at fairs. In the first place I do not approve of the practice of using but one judge, neither do I favor the plan of putting breeding animals into the condition required by our meat markets. They should be shown in smooth breeding form. Many of our best animals are ruined for future breeding purposes by overloading them with fat for show purposes. I think your paper should take up the fight in earnest and see if swine men will not be educated to that point where they would stand just as good chances to win with a hog straight and smooth as with one fitted to and beyond the danger point.

The theory of the above proposition is absolutely sound, but up to date it has

never worked out in practice and we doubt if it ever will. Some men are able to bring hogs to a very high finish and to a heavy weight without impairing their breeding qualities, and just as long as swine shows exist just so long will such men keep to the front. No man with a smooth, straight hog, can win out at any of our large shows in these days. The difference between a "smooth, straight," mature hog and one that is fitted might amount to 200 or even 300 pounds. Undoubtedly the fitting covers up many defects, and no judges have yet been found who were able to make due allowances for the defects that have been remedied by feed alone.

Nevertheless we would like to see the matter agitated until breeders would show a little more sense in the fitting of the pigs under six months. It is very much to be doubted if a sow or even a male can be made to weigh 200 pounds by the time it is six months old without in the majority of cases impairing its breeding qualities. We believe that our college judges; that is, men from the agricultural colleges who do this work, could help out this situation some and encourage the man who is able to get smoothness and size without a dangerous degree of fatness. A yearling and two-year-old animal may, with impunity, be loaded for the fairs, but a gilt or a male under six months never.

Of Interest to State Fair Visitors.

Announcement has previously been made through these columns concerning the date of the 1906 Iowa State Fair. It will be held from August 24th to 31st, inclusive. The entries so far promise to greatly outrank all previous records in most of the departments. More money will be put into premiums than ever and a number of new features of entertainment added.

During the next few weeks the columns of The Homestead will contain some special advertising matter that will interest all of our subscribers who contemplate attending the fair. In nearly every case the advertising will be that of individuals or firms who will make a display on the state fair grounds or who are, on the other hand, permanently located in the city of Des Moines. Special attention is called to the matter at this time because The Homestead believes that a state fair like that held in Des Moines furnishes one of the best occasions of the year for inspecting intelligently articles of various kinds, the purchase of which is contemplated. We therefore invite a careful perusal of our advertising columns, because we believe that there will be found there suggestions that will be valuable to those who attend the fair.

The "Only Automatic self-cleaning endless conveyor" is treated very thoroughly on page 5 by the Litchfield Mfg. Co. You cannot afford to miss it. This is one of the links that makes the long chain of friends for this popular machine.

GRAND ARMY VETERANS.

Do not be misled into the belief that any

Save Your Crop

When you get it in the barn from damage by lightning by installing a system of our copper lightning rods. In rodding thousands of buildings no damage is ever done where they are used, but where they are not used three-fourths of the losses on farm buildings are caused by lightning.

You put in your time growing a crop and harvesting it, and store it in your barn for safety. Should you not protect it from lightning when it can be done with so little difficulty and expense?

Our booklet, "The Laws and Nature of Lightning and How to Control It," will give you much valuable information. Write for it and we will send it free, and when you get ready to buy lightning rods it will be useful.

All of our goods are branded with our registered trade mark and each of our agents has an agent's certificate. Do not buy an imitation, nor something said to be just as good, but look for the trade mark, D & S, on the end of the spool and make the agent show you his certificate. This will insure the best of copper in your rod and assure you fair, honest treatment and a good job, the work being done by a man who knows his business and who will issue our guarantee when the job is finished.

DODD & STRUTHERS

720 Sixth Avenue

Des Moines, Iowa

Omaha Commercial College



FREE Our Beautiful Souvenir Catalogue. Besides information concerning the school, it contains many half-tone engravings of the kind you would like to keep—among them is the best bird-eye view of Omaha ever published.

Fall Term Opens Sept. 3
in All Departments

ROHRBOUGH BROS., Prop'r's,
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Highland Park College

Des Moines, Iowa.



Fall Term Opens Sept. 4, 1906, Other Terms Open Oct. 15, Nov. 27, and Jan. 2, 1907.

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Instruction given in all branches by correspondence. Board \$1.50, \$2.00 and \$2.50 per week. Tuition in College Normal and Commercial Courses, \$12.00 a quarter. All expenses three months \$45.40, six months \$85.47, nine months \$124.21. Free scholarship to one person from each county. School all year. Enter anytime. 2000 students annually. Catalog free. Mention course in which you are interested and state whether you wish resident or correspondence work.

HIGHLAND PARK COLLEGE, 3768 2nd Street, DES MOINES, IOWA.

Seed Wheat

BETTER drop the old, worn-out varieties which produce ordinary or average crops; it don't pay to grow them. If you desire to make farming profitable for the coming year begin now by buying seed wheat of the improved pedigreed sorts which have yielded

45 to 60 Bushels Per Acre

UNEQUALLED in hardiness, stooling and rust proof qualities, productiveness, strength of straw, and quality of grain and flour. We had a big crop this year and offer it at low prices. Ask for our new GOLDEN HARVEST CATALOG and special quotation in quantity. Also SEED RYE and which should be sown now for fall pasture.

TIMOTHY, CLOVER, BLUE GRASS and all other kinds of Grass and Field Seeds

IOWA SEED CO., DES MOINES, IA.

FALL WHEAT

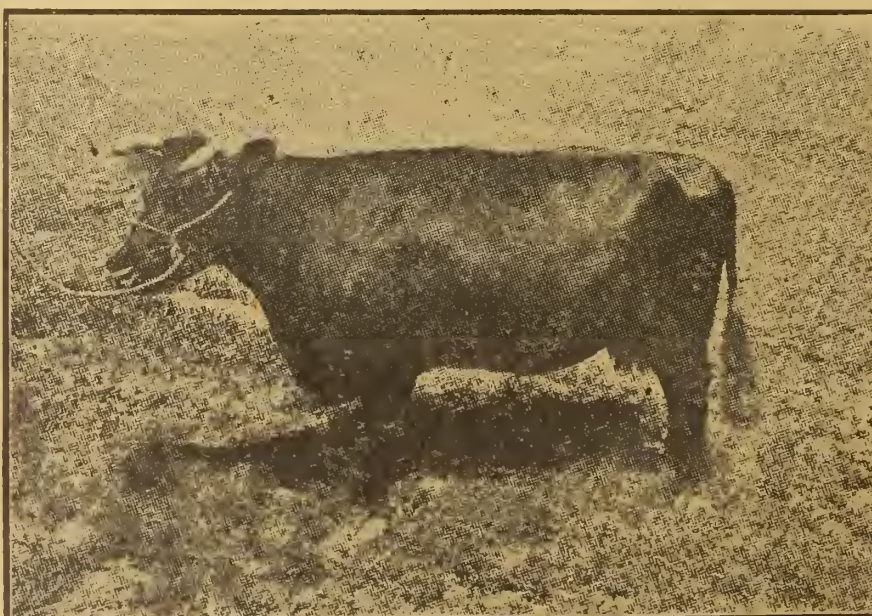
THAT DON'T WINTER KILL.
55 BUSHELS PER ACRE.
KHARKOV.

DIRECT from Russia last year, Turkey Red and Bulgarian \$1 per bushel and upwards. Rye, timothy, alfalfa, English bluegrass. Ask for special price list. A. A. Berry Seed Co., Box 17, Churinda, Ia.

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

Make Your Own Fence Posts

AND building blocks. Make them of cement and sand. Cheaper than wood. Will last forever. Make for your neighbors. Write for catalog of molds. ROUTABLE SPECIALTY CO., 714 E. L. & T. Bldg., Des Moines, Ia.



SERAPHINA.

The above illustration of Seraphina—taken from a photograph—shows the material on which Mr. Geo. L. Belcher, of Carrollton, Mo., founded his herd of Short-horns that are to be dispersed on Wednesday, August 8th at Walnut Ridge Farm near Carrollton. Several daughters of this grandly-bred Cruikshank cow go in the sale. She will also have several granddaughters in the sale. See page 21 for advertisement and breeding of Seraphina.

(\$5.95 from Des Moines); tickets having limit of August 31st to return, with extension privilege to September 30th on payment of fifty cents. Sleeping car rates, \$2 standard, and \$1 tourist. On August 13th the Chicago Great Western Railway will have a special train from Des Moines at 8:30 a. m., arriving at St. Paul and Minneapolis in the early evening. For full information address E. J. Sawyer, G. T. A., 514 Walnut St., Des Moines, Iowa.

NEW BOOK ON SOUTH DAKOTA BY THE CHICAGO, MILWAUKEE & ST. PAUL RAILWAY.

A new book descriptive of South Dakota, its resources and opportunities, has just been published by the Chicago, Milwaukee & St. Paul Railway. The first chapter tells all about Lyman county and the rest of the territory west of the Missouri river recently made accessible by railway extensions. The book will be sent to any address for two cents for postage. F. A. Miller, G. P. A., Chicago.

THOUSANDS OF MEN WANTED AT ONCE TO HARVEST THE CROPS IN MINNESOTA AND THE DAKOTAS.

Low rates in effect from all points on the Iowa Central Railway. Tickets for sale daily August 1 to 31, 1906.

Splendid wages are offered, ranging from \$1.75 to \$3.00 per day, including board. For rates call on agents or for full particulars address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

SUMMER TOURIST EXCURSIONS

Via Chicago Great Western Railway to points in Alberta, Arizona, British Columbia, California, Idaho, Montana, Oregon, Washington, and Mexico City. Stopovers and side trips allowed. Tickets on sale daily to September 15th. Final return limit October 31st. For full information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

FISHING AND CAMPING.

Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, G. T. A., 514 Walnut St., Des Moines, Iowa.

From the Farm to the Agricultural College

BY W. J. KENNEDY, IOWA AGRICULTURAL COLLEGE.

We are nearing the opening of another college year. Parents and young men alike are struggling in many cases with the college-course question. A few, comparatively speaking, will enter with the opening of the college year, but the large mass will not do so.

No young man should be denied the right of a college education; it is something which by right belongs to the masses and not to the favored few. This is especially true today, when colleges are strengthening what ought to be called their "utility" courses. While this applies in a measure to all educational institutions, it is especially true of the land grant colleges. They were planned by far-sighted, practical men; they have not only fulfilled the highest hopes of their founders, but in many instances they have grown and proven useful in a measure never before conceived. They were founded to help the man on the farm. For many years they were not as useful as they now are. Many reasons might be given for their slow growth. The farmers, as a rule, did not appreciate the agricultural college; they did not seem to realize that the function of the college was to help them; too often they regarded the college as their enemy. In many instances these agricultural colleges were sadly crippled by having an unfit man at their head. Agricultural education was new; thus it meant lots of hard work to bring it up to its present standing.

Things are different now. The agricultural college is today recognized as a most valuable institution, serving a most useful purpose in the state. It is the place where both the father and son may study to good advantage. To the former the short courses are helpful, while the young man should have the advantage of the full four years' course.

For several years the writer has made a rather close study of the American and Canadian agricultural colleges. He has seen young men enter these institutions, graduate, and return to the farms. As a rule, they have become leaders in their respective localities. All of these things have been encouraging. It was not until he visited the little country of Denmark, where more than 75 per cent of all the young men operating farms, are either graduates of agricultural schools or have spent from one to three years at such schools, that he fully realized the untold advantages of these institutions to a country. These people are handicapped in almost every respect in their farming operations as compared with the American farmer. They live in a northern climate, the land is poor and vegetation is limited; still they succeed. What they lack in natural advantages is more than made up by their thorough methods of doing things. They use their heads as much as their hands in their farming operations. They more than make up in the quality of their products what they lack in quantity. In less than two decades they have captured the world's markets for their butter, bacon and eggs. They make the prices for these products and other countries clamor to see who will be next to Denmark. This has been accomplished solely through the aid of the Danish agricultural colleges and experimental stations, which number in all about half a hundred, or one for each 350 square miles of country. To these people an agricultural education is considered just as necessary as our people consider the public school education.

Young man, you will be compelled to confront problems of which your father never dreamed. With high priced land and high priced feeding stuffs it is self-evident that the days of haphazard methods of farming are past. If you are to manage a farm of your own, or wish to manage some other man's farm, ever keep in mind the one word, preparation. It is the watchword to success in every avenue of life. Without a thorough preparation no man can succeed. This is just as important in farming operations as it is in the professional or commercial world. In fact, it is more so, as the farmer has more problems to solve than any other business man. As the country grows older, this will become more evident. New problems such as insect pests, soil treatment, animal diseases and

other complicated questions are sure to be more and more prevalent.

A course at any of our state agricultural colleges will give the proper foundation for future work. In these institutions the underlying scientific principles of agriculture are thoroughly taught. Without an understanding of these principles farming operations will always be more or less of a drudgery. With an understanding of the same the work becomes more and more interesting and the burdens are made lighter. It is the basic principles that are needed. You can learn to do many of the so-called practical things much more economically on your own farm than at college. These colleges are practical in what they undertake. For instance, you can learn more in a one year's course in live stock judging at a college than the average man on a farm will pick up in a quarter of a century. How can such a thing be accomplished? It is simply because at these colleges the men in charge of the work have made a special study of the market demands and the most approved types of the different breeds of animals. Combine this knowledge with a good equipment of animals available for such work, and the results are self-evident. The same is true of the numerous other lines of college work.

They are manned by experts who, with the proper appliances, are in a position to impart useful information. It is hard to measure in dollars and cents the great benefits to be derived from such an education.

If I were to have my choice of the best half section of land in the corn-belt without an agricultural college education, or an agricultural college education, I should prefer the latter. I have in mind at the present time two young men, both born in the state of Iowa, one in the city of Des Moines, the other in Tama county. Eight years ago this fall the boy from Des Moines entered the Iowa Agricultural College. He had no money, but he did have plenty of grit, and was willing to do any kind of work. He did all kinds of work to earn money to pay his board and room rent; he worked on stock farms during the summer vacations and on two different occasions had to remain out of college a term to earn money. Three years ago he graduated in the animal husbandry course. A position was open to him at fifty dollars per month. He accepted it,

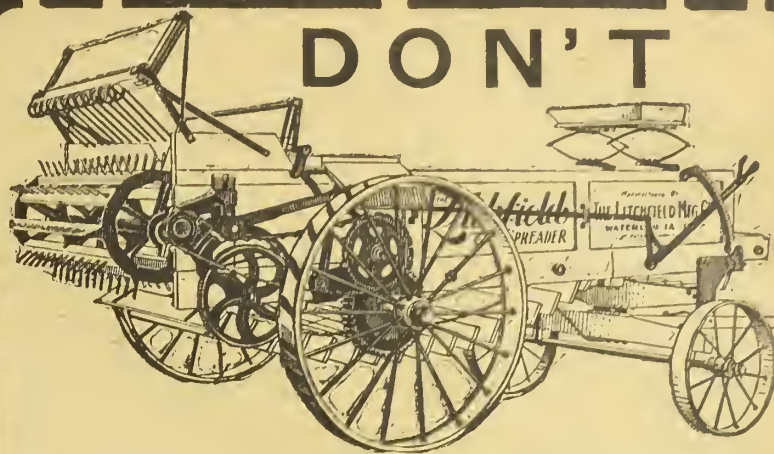
made good, got a better one, and so on, until a few months ago we offered him \$1,500 a year to accept a responsible position in the animal husbandry department. He accepted our offer. In less than twenty-four hours his employer offered him \$2,500 per year to continue where he was—in charge of a large herd of dairy cattle.

The young man from the farm in Tama county, being the oldest of a large German family, was obliged to make his own way early in life. He commenced work on a farm at \$18 per month, in which position he remained for some

time. He desired an agricultural education, but his parents objected; they thought he was doing well in the position he held. He had higher ambitions, thus against the wishes of his parents he entered the Iowa Agricultural College four years ago this fall. They did not help him, but this did not daunt him. He worked during the school year part time and always had a good place during the vacation months because he always made good wherever he went. He graduated in the animal husbandry course this year, is now on his way to the Pacific coast, where he will manage a large herd of dairy cows at a salary of \$50 per month with room and board furnished, and a promise of \$5.00 per month increase for five months and then an opportunity to become a partner in the firm. Has his college course done anything for him? How I do wish that every boy on a farm could just spend half an hour with this young man and hear what he has to say on the subject. If they could, the agricultural college would have hundreds of students for every one they now have.

Some people claim that the agricultural colleges take the boys from the farm instead of keeping them interested in farm work. During the past five years more than 80 per cent of the graduates in agriculture of the Iowa Agricultural College have returned to the farms. Of the remaining 20 per cent more than nine-tenths of them are engaged in some phase of agricultural work. While this is true of the graduates, it can be safely said that better than 95 per cent of the students who have taken special courses or shorter courses have returned to the farm. Our records show that for every young man who has come to us from the farm and gone into some other line of work, that more than ten young men have come to us from the cities and towns and have gone to the farms after completing their course.

Farming is the most dignified and honorable calling that any man can pursue. The educated farmer, the man of affairs, has within his grasp the best and most honorable positions that can be bestowed by man upon a man. With more attention given to the education of our young men on the farms the position which farmers will occupy will be better and higher with each succeeding generation as more young men go from the farm to the agricultural college and back again to the farm.



DON'T LOAD YOUR HORSES' NECKS.

WE WANT to call the attention of our customers to the all-important question of how the team shall be hitched to the manure spreader. It is a momentous question and often not carefully considered—how to get free, flexible movement to the pole without loading the team unnecessarily.

When you examine the Litchfield Manure Spreader you will see what we mean. You will find that the hitch is low, and that the draft on the tugs practically takes all weight off from the necks of the horses. This is something that is impossible with those machines where the front axle is not braced to the spreader and where the tongue is obliged to answer the purpose.

We cannot think that any sensible man will want to brace his front axle on his horses' necks, as it is necessary to do where the tongue is the only retaining brace or support for this front axle. Examine the Litchfield Spreader and see how our bolster is braced to the front of the frame and how the axle is connected by a high carbon steel brace, back under the body of the machine.

A thorough bracing of the front axle, so that the wheels cannot be pulled out from under the machine or collapsed back under it when striking chuck holes and other obstructions, is absolutely necessary. Many manufacturers put this bracing strain onto the tongue and therefore onto the horses' necks instead of confining this bracing to the machine itself.

The tongue on any vehicle should be merely a means of guiding the vehicle and should be hinged freely, so that no load up or down shall come against the horses. It is not wise to drag down on your horses' necks when pulling the machine through heavy ground or through bad chuck holes; neither is it advisable to throw the point of the tongue in the air as high as the harness will permit it to go when backing up in bad places. In other words, we say, hinge your tongue freely to the spreader and protect the necks of your horses. Be sure to watch this space next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA



W. J. KENNEDY.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department" in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

QUACK GRASS.

A Subscriber, Peterson, Iowa.—I have a neighbor whose farm adjoins mine. He has several acres of quack grass in one of his fields. He is doing nothing to stop the spread of it. It will only be a short time till my field adjoining his will be in the same condition, and it will cause me loss and damage. Is there any way by which my neighbor can be compelled to check the spread of the quack grass?

Answer.—There is no legal method by which you can compel your neighbor to check the growth of quack grass on his land.

INFRINGEMENT OF PATENT.

A Subscriber, West Union, Iowa.—(1) Where an article has been patented, has anyone a lawful right to make such an article for his own use? (2) If not, what would be the penalty?

Answer.—(1) No. The making of an article covered by a patent right, for one's own use, would be an infringement of the patent right, and the person who owned the patent right could sue and recover damages for such infringement. (2) There is no penalty, strictly speaking, for the infringement of a patent. It is not a criminal offense. The person merely subjects himself to a suit for damages.

PARTITION FENCE—NORTH DAKOTA.

A Farmer, Grand Forks, North Dakota.—I wish to fence my farm. Can I compel the owners of adjoining lands to build their share of partition fences?

Answer.—You can do so if such owners use their land, but not if they do not use it, letting it lie open and unclosed. If such owners use their land for stock or crops and have it enclosed on all sides, but next to you, notify them that you are about to build your share of a partition fence, and demand that they build their share. If they refuse to do so, you would best engage a competent lawyer to bring the proper proceedings against them.

TAXES IN TWO STATES.

A Subscriber, Wessington Springs, S. Dak.—I moved from Iowa to South Dakota in March, 1906. (1) Had the assessor in Iowa a right to assess my personal property there? (2) I paid my Iowa taxes which were assessed in 1906. Can I be lawfully assessed in South Dakota for 1906? (3) Explain Sec. 1404 of the code of Iowa.

Answer.—(1) The Iowa assessor had a right to assess your property, because all property which is in Iowa on the first day of January is assessable, and subject to taxation. (2) You can. The reason for this is, that all property in Iowa on January 1st is subject to taxation there, and all property in South Dakota on the first day of May is subject to taxation there. You might apply to the tax officers of South Dakota, to be relieved there, as it is manifestly unjust that you should have to pay in both states, but we know of no way by which you can compel them by law to give you such relief. (3) Section 1404 of the code was made to reach personal property in the state of Iowa, which is owned by non-residents, and is intended by them to be removed from where it is located, to some other place, for sale or consumption. In such a case the assessor must assess the property in the owner's name if known, and if not known,

so designate it. The assessment then becomes a lien on the property relating back to January 1st of that year, and if any one attempts to remove it without paying the taxes, it can be seized by a distress warrant to enforce the lien of the assessed taxes.

ADDITIONAL FIELD NOTES.

THE EARLES SHORT-HORN SALE—LAST CALL.

Again we wish to remind our readers of the forthcoming Short-horn sale of Dr. W. H. Earles, of Milwaukee, Wis., which will be held at Burwood Stock Farm, on Tuesday, August 7th. Mention has been made in previous issues of the bull consignment. This week we wish to emphasize the quality of the female offering. Dr. Earles has within the past two years been the purchaser of much of the best stock offered for sale by Short-horn breeders throughout the middle West at public auction. He has visited a number of the best herds and secured many of the tops at private treaty. Thirty-nine females have been consigned to this sale, of which but four are not either safe in calf or have calf at foot and these are too young to breed. It is seldom that Short-horn breeders have the opportunity to secure so many matrons in one sale and they should not be slow to grasp the situation. One of the best herds in the West has been established along correct lines and Dr. Earles deserves the patronage of every breeder of the central West. Sappho, No. 1 of the catalog is a Cruickshank Secret by Prince Armour, one of the best sons of the noted Baron Cruickshank. The dam of Sappho was got by Golden Lord, a bull of Colonel Harris' breeding and used successfully in the Walnut Hill herd by the late Martin Flynn. Sappho is safe in calf to the service of White Hall Count since April. Very few better cows are offered for sale at public auction and the breeder wishing to add an extra good cow of the show-yard type should not overlook this animal on sale day. Something of her usefulness may be seen from the fact that she is only six years old and has four living calves to her credit. She was once sold for \$1,005 and were it not for the fact that Dr. Earles wants to offer the very best class of cattle she would not have been included in the auction. Imp. Roan Ruby 36th is a daughter of the Duthie-bred bull, Mountain Archer, he a son of the noted Scottish Archer. She is a Cruickshank Brawith Bud and is a cow of great scale and substance, a very rapid breeder and good mother. She is safe in calf to the service of White Hall Count. Golden Coin is another Brawith Bud, bred by Mr. C. C. Norton, of Corning, Iowa. Her sire was Imp. Banker, he by Clan Alpine. Golden Coin is a very smooth cow, with plenty of size and quality. She, too, is safe in calf to the service of White Hall Count. One of the attractive young females in the offering is the Marr-Emma cow, Walnut Hill Emma, got by Orange Boy. A red heifer calf at foot and bred again to Whitehall Sultan makes this lot one of the attractions of the offering. Imp. Sweet Bouquet is a daughter of the Cruickshank Broadhooks bull, Imp. Lovat Champion, and her dam was by the Marr-bred bull, Lowland Chief. This cow is well along in calf to White Hall Count. One of the richest-bred Cruickshank females offered for sale in many seasons is Village Maiden. She belongs to the Village Blossom family and nine of the dams in her pedigree were bred by Mr. A. Cruickshank. A fine red bull calf at side by the Marr Alexandria bull, Alexander, makes this one of the attractive lots in the offering. Glenfoyle Duchess Gloster 2d is a richly-bred Duchess of Gloster by Imp. Scotch Fame. This cow has a fine bull calf at foot by Lovat Champion and is safe in calf to White Hall Count. A fine show heifer is found in Cerry Lass. She is a daughter of the noted bull, Ceremonious Archer, and her dam was Imp. Roan Lady. Cerry Lass was a winner at the World's Fair in St. Louis and at the American Royal in calf class with strong competition. Bred to White Hall Count in January she should prove a valuable addition to some good herd. Rose of Autumn 8th should suit the most particular buyer. In both individuality and breeding she is one of the tops of the offering. Safe in calf to White Hall Count she is fit to go into any company. Secret Sultana 13th is another of the good ones. She is a Cruickshank Secret of pleasing individuality and is safe in calf to Royal Wonder. Roan Rosemary is a very valuable young cow by Royal Banner, a bull used by Mr. H. F. Brown, of Minneapolis, Minn., with much success. Roan Rosemary is a cow of great scale and substance. Her breeding and individual excellence entitle her to place in the herd of most any discriminating breeder. Her half sister, owned by Mr. F. W. Harding, took second prize in her class at the Iowa and Minnesota State Fairs last year. We have briefly reviewed some of the individuals selected for this important offering and it is important that every breeder in the market for good cattle should be present at this sale. Dr. Earles extends a cordial invitation to Short-horn breeders to be present at this his first annual sale. Parties from a distance are invited to be his guests at the Davidson Hotel, Milwaukee, Wis. Burwood Farm, where the sale will be held, may be reached by electric line. Take Muskego Lakes car from terminal station, Third and Sycamore streets, at 8:15, 10:15 and 12:15 to St. Martin's, where conveyance will be in waiting to take all passengers to the farm. Look up the announcement on page 20 of this issue and write for catalog, kindly mentioning The Homestead. Plan to be present on Tuesday, August 7th, at Burwood Stock Farm.

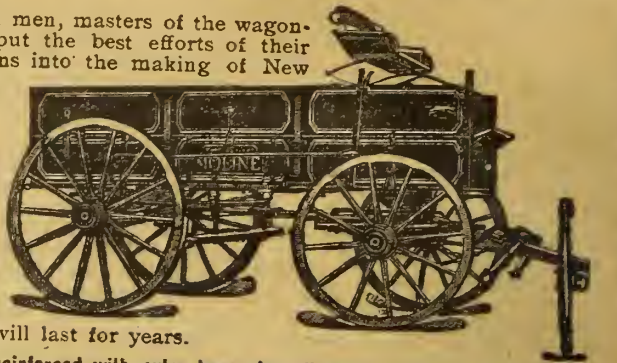
THE GREAT GARDNER DISPERSION.

There are great improvers of cattle in America today. The youngest breeders remember the time when the Herefords exhibited at our fairs, were somewhat lacking in the thighs and were called inferior hind-quartered cattle. Today the best specimens of this breed are well filled there, and there has been a marked improvement in character and finish during the past twenty years in this breed. Many of us also remember that notwithstanding the wonderful record of the Aberdeen Angus as a market topper the great steers and the great

THE NEW MOLINE
THE IRONCLAD WAGON!!

Five hundred men, masters of the wagon-maker's craft, put the best efforts of their hands and brains into the making of New Moline Wagons.

With its gearing of select Hickory and tough White Oak and its box with Yellow Pine Bottom, grooved and matched, the New Moline Wagon has a foundation that will last for years.

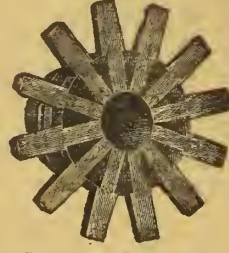


It's so strongly reinforced with extra heavy iron throughout, that farmers call it the "Ironclad" Wagon.

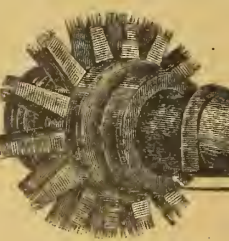
Pole, doubletrees, singletrees, gearing and box are so thoroughly protected and strongly braced with heavy ironing that its solidity and durability defy the test of time.

Its dust-proof skeins keep out every particle of dust and dirt.

Lightest Running Wagon in the World



Section Hub and Spokes. Practically One Solid Piece.



Note Dust-Proof Skein.

The New Moline is built right, from the ground up. It's a light-running Wagon, and the longer you use it the better you'll like it, for it's got more up-to-date features, and gives more years of satisfactory service than any ordinary wagon. We've been perfecting this wagon since 1854.

We fully guarantee every New Moline Wagon that leaves our works.

The demand for New Molines is enormous—taxing the full capacity of our immense factories.

GET THIS BOOK! We want every farmer to have a copy of our wonderful Wagon Book. It doesn't make any difference whether you are thinking of buying, or not—send for it anyway! It tells just how the genuine "Ironclad" Wagons are made. Shows all the parts SEPARATELY; and you can SEE how they are IRONED and BRACED and DOUBLY REINFORCED making THE NEW MOLINE the most durable as well as the lightest-running wagon on earth. The book tells you more about a wagon than any other Wagon Book in existence. It is FREE, postage prepaid by us.

MOLINE WAGON COMPANY

MOLINE, ILL.

41ST YEAR. SPALDING'S COMMERCIAL COLLEGE 41ST YEAR.

TENTH & OAK STS., (INCORPORATED) KANSAS CITY, MO.
\$90,000 NEW COLLEGE BUILDING.
BOOK-KEEPING, SHORTHAND, TYPEWRITING and TELEGRAPHY. GYMNASIUM and AUDITORIUM. Free Employment Bureau. CATALOGUE "G" FREE. J. F. Spalding, A. M., Pres.

females presented by this breed, that it has often been said that it was very difficult to produce a good Angus bull. This may or may not have been a declaration made and started by an enemy of the breed, but it has been said and we have seen it in print. Good bulls or rather superior ones are not easily produced in any breed, but whatever may have been the conditions in the past there is ample proof that the Angus breed is not lacking in this respect today. Mr. C. H. Gardner, of Blandinsville, Ill., who is dispersing his celebrated herd at Galesburg, Ill., on August 14th, is one of the men who finds no trouble in producing outstanding bulls. From the time that he brought out Rosegay as a yearling in 1900, down to the present time he has never failed during all these years to have a first-prize or champion bull at the shows. In his dispersion there are cataloged more superior bulls than have ever before been sold in America in one auction. There are seven high-class show bulls from which the first prize and champion winners for 1906 should easily be selected. There are Prides, Ericas, Westertown Roses and Vines. Others will have attention in later issues of this paper and we desire here to comment upon the champion, Vala's Rosegay. He is the only representative of the Vine family in the auction and he probably stands alone as the only champion bull of any breed the product of two such champions as Rosegay, the most popular of all Angus champion bulls, and Vala, the recent queen of the beef breeds. An analysis of his pedigree should prove interesting to all, as individually he is believed to be capable of defeating any Angus bull in this country, and has proven himself a wonderful sire. He comes maternally from the Vine of Skene family and his granddam was a grand-daughter of Vine 2d of Skene, one of the most noted and beautiful cows of her day, and a Highland Society winner. The Vines were noted winners in the herd of Mr. Hamilton at Skene and while Vine 2d of Skene was about the only representative of it brought to America few cows have had such famous champions from them. The sire, Rosegay, comes from what is likely the greatest line of sires known to American show yards. Gay Lad was the most celebrated champion and champion sire of his time; Gay Blackbird was a Columbian prize winner and sire of champions; Heather Lad 2d was a first-prize Columbian winner and sire of champions, and Black Knight was

TIMOTHY

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the greatest bull of his day. The dam of Rosegay, Rose of Emerson 3d, has not since 1900 failed to have a first prize or champion bull representative in the big shows of America. She is therefore entitled to the distinction of being America's greatest breeding cow, since it is a record that can be duplicated by none other. She was got by Imp. Jim Jams, the sire of the famous Black Jam, and of the dams of several champions, including Rosegay and Royal Laddie. The second dam of Rosegay, Rose of Emerson, was by Blackbird Hero, whose son and daughter were mated to produce Black Monarch of Emerson, a celebrated sire of champion females. The third maternal dam of Rosegay was Rose of Burlington by the illustrious Black Knight. The paternal granddam of Rosegay was Lucia Windsor, the dam of the champions and record-breaking animals, Gay Lad and Lucia Estill, and she was by Imp. Ermine Reaser, the greatest bull of the breed imported into America. Going back to the dam, Vala, the recent queen of the beef breeds, we find that she was by the double Erica bull, Emulus of Kellor Park, and he was also the sire of the champion over all breeds, Empress Damask, and numerous other good ones. The dam of Vala, Valenta B., was by the champion bull, Beau Bill, and out of the prize-winning cow, Valenta, by the champion Lady Ida bull, Lord Hillhurst. This takes us back to the imported prize-winning cow, Vine 2d of Skene. The pedigree of Vala's Rosegay is simply a collection of the names of champions and celebrated breeding animals, and that champions should result from it is just what might be expected from such a pedigree. The man who is fortunate enough to purchase this champion can rely implicitly upon procuring the best results in the production of prize winners and great breeding animals. The catalog of this great dispersion with the pedigrees of the outstanding bulls, the show heifers and the sires and dams that have produced them will be sent on application to the owner, Mr. C. H. Gardner, Blandinsville, Ill., as per the announcement on page 19 of this issue. Mention this paper when writing.

**This Keeps
Lightning
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Telephones**

This is our "No Risk" Lightning Arrestor. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house.

Protects the house, avoids fire, insures safety for the family.

Simple! positive! sure. Book FREE.

Just send your name and address. Our book explains everything—how to get the complete arrestor. Fully guaranteed to protect us or we pay money back. Reliable Agents wanted. One man sold 15 one day. Another 33 in 6 days.

"Edith Setton, La Russell, Mo., was instantly killed May 31st by lightning while talking over country phone."

"Forty country telephones were burned out at Beatrice, Neb., in an electrical storm June 6th."

"Abner Hosking, Norway, Mich., was struck by lightning June 6th while standing near his country phone."

"Atlantic, Iowa, June 24.—Lightning played havoc with the rural phones in all directions."

All could have been prevented by using "No Risk Lightning Arrestor."

W. E. ASHBY TELEPHONE CUT OUT CO.,
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Lost Strayed or Stolen—One Cow

That is about what happens each year for the man who owns live cows and does not use a Tubular cream separator. He loses in cream more than the price of a good cow. The more cows he owns the greater the loss. This is a fact on which Agricultural Colleges, Dairy Experts and the best Dairyman all agree, and so do you if you use a Tubular. If not, it's high time you



did. You can't afford to lose the price of one or more cows each year—there's no reason why you should. Get a Tubular and get more and better cream out of the milk; save time and labor and have warm sweet skimmed milk for the calves. Don't buy some cheap rattle-trap thing called a separator; that won't do any good. You need a real skimmer that does perfect work, skims clean, thick or thin, hot or cold; runs easy; simple in construction; easily understood. That's the Tubular and there is but one Tubular, the Sharples Tubular. Don't you want our little book "Business Dairyman," and our Catalog A. 121 both free? A postal will bring them.

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A Very Lame Excuse

Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

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What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address,

The Iowa Dairy Separator Co.,
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OUR DAIRY DEPARTMENT.

SILO TESTIMONY.

BY R. M. WASHBURN, MISSOURI DAIRY COMMISSIONER.

I was at first prejudiced against the use of the silo, and did not get over that feeling until I had used silage with the cows that I was then in charge of for nearly a whole winter. The value of the stuff then began to make itself known to me. Since then I have been in intimate contact, either feeding it personally or feeding it to the cows of which I have had charge by proxy for the last eight years. But no one man's experience is sufficient on a thing of this kind. I have gathered points and opinions from others, some of which I will give:

Mr. Wm. Plummer, Hale, Carroll county, Mo., feeds silage to dairy cows and growing stock and says: "Our cows milk fine all winter and come out in good order in the spring. I could not get along without my silo now."

Mr. H. C. Goodrich, Calhoun, Henry county, Mo., says: "No dairyman can afford to be without a silo. I consider it the best and cheapest way to save the whole crop of corn. I have fed silage to dairy cows for twelve or thirteen years."

Mr. Fred Parcher, Maryville, Nodaway county, Mo., feeds silage to cows and young cattle and said to me: "It results in a saving of one-half in feed store bills, and over one-half in amount of hay eaten." This statement though seemingly extravagant is the opinion also of Mr. P. P. Lewis, Crescent, St. Louis county, Mo., who feeds from sixty to seventy cows heavily and sells his milk to a fancy trade in St. Louis. He has had a silo but one year, but is so well pleased that he is planning to build another this fall. His neighbor Mr. Thos. Shields, Eureka, Missouri, has had similar experience, and also contemplates putting up another silo.

A little statement made by Mr. Hurst of the firm of Redmond & Hurst, Tipton, Mo., is of interest. Two large sized silos are on his place. He says: "We are milking fifty cows in all stages of lactation, ten of which are heifers with first calf, and our check for cream for the month of January, 1906, was \$265. Not so bad for winter."

There are so many farmers of the old school that consider it a cow's privilege to go dry in the autumn and be a dead expense for four or five months in the year, that I wish they could all read the statement of Mr. Hurst.

Those who feed for beef purposes and have tried the silo are equally appreciative of it. Mr. H. S. Hand, Appleton City, Mo., says: "I fed all kinds of stock on silage with good results. I have used it in stall feeding with ground corn cob and all. Would not think of wintering stock without silage. We are feeding 300 head of cattle and find the silo a great saver of feed." The experience of Mr. McNish, of Brookfield, Mo., who has two silos is similar. He says: "I fed all classes of cattle with good results, especially for growing stock. I fed a car load of steers silage and ear corn and topped the market. The only difficulty in feeding the silage with ear corn is that the cattle which are being fattened will quit eating the ear corn and eat the silage alone. Corn I believe should be ground when feeding with silage to fattening steers." The results obtained by these two beef feeders is practically the same as that found by Prof. Herbert Mumford, of the Illinois Experiment Station.

There is another phase of this question which I find demanding attention and that is the proper time and manner of filling the silo. The labor problem is the great problem especially on the dairy farm. If by some means the labor of filling could be lessened the difficulty of getting help would be lessened. The practice is getting quite common, especially in our older dairy states, of cutting the corn and leaving it lie on the ground or standing in shocks for several days, even a week, before drawing it to the cutting machine. This allows the hauling of all that is valuable without the handling of such an excessive amount of water which can be as well supplied from the well. If no water is used at the time of filling it will mold throughout. But if a hose is

fastened to the silo and a continuous stream of water is allowed to play over the surface there will be little difference in the quality of the silage whether the corn was put in in the ideal green condition or whether it was allowed to evaporate its excessive amount of moisture before being cut into the silo. By planning the work on this basis the filling process may be done with a smaller crew and during a longer period of time.

Although it is not yet really common I feel that the practice of raising a few acres of sorghum each year to put into the silo along with the corn would be a good one to advocate. Sorghum contains so much moisture and will retain that moisture so long after being cut that even if the corn is dry the sorghum will furnish nearly or quite enough moisture. Then, too, occasionally a dry summer ruins the corn crop. Then it is that a crop of sorghum, which as we all know will stand drouth considerably better than corn, will be found of wonderful advantage.

"Don't Load Your Horses Necks," is the subject of a specially interesting chapter in the continued story by the Litchfield Mfg. Co. Turn to their regular space and read it.

HOMESEEKERS' RATES.

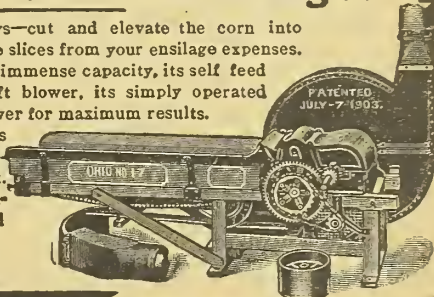
Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized home-seeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

How About YOUR Ensilage?

"OHIO" Ensilage Cutters cut two ways—cut and elevate the corn into silo at an amazing speed; and cut off huge slices from your ensilage expenses.

How does it "cut" expenses? By its immense capacity, its self feed mechanism, its power-saving direct draft blower, its simply operated silage distributor, its minimum use of power for maximum results.

Silage as a milk and beef producer is far superior to grain. Our book "Modern Silage Methods" (10c) tells all about it. Our Ensilage Cutter Catalog will easily convince the man who wants the best. Send for it. Manufactured only by
The Silver Manufacturing Co.,
Salem, Ohio.



Only \$38 THE GREATEST BARGAIN ON EARTH

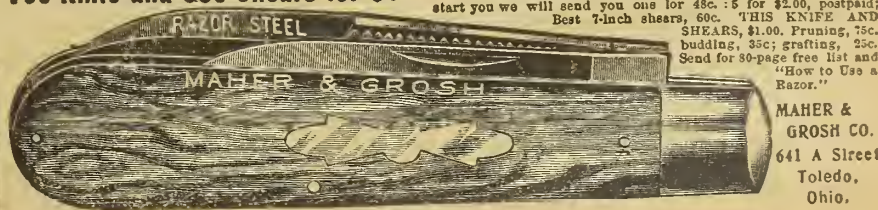
DESCRIPTION—Selected second growth hickory wheels and gears; Norway iron clips and bolts; inch axle double collars, full length body loops, long body, any width. Solid spring bellows back; sanitary spring cushions. Trimmed in dark green, tan or maroon leather, cloth or plush. Ideal spring cross bar in place of wooden cross bar if preferred. All wool top lining, leather quarters and back stays, curved top joints if desired, complete with storm apron, side curtains, boot and full length carpet. Nickel dash rail, hand rail and lazy back rail. Send for Big Free Catalogue of Vehicles and Harnasses in colors. A buggy factory selling direct must pay all of their expenses, salaries, etc., out of a few thousand buggies. Our expenses are all paid out of our agricultural implement factory. A buggy factory would starve to death on the small profit we get on a buggy. Write us before buying. The only place factory in the world selling direct to the consumer at wholesale prices.

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WE PAY CASH FOR CREAM

If you are interested, drop us a postal card and we will send you our book, entitled, "Secret of Successful Dairying."
BLUE VALLEY CREAMERY CO., 317 So. Clinton St., Chicago or St. Joseph, Mo.

75c Knife and 60c Shears for \$1



Every M. & G. blade is hand-forged from razor steel, file tested warranted. This cut is exact size of 75-cent strong knife. To start you we will send you one for 48c. 75 for \$2.00, postpaid; Best 7-inch shears, 60c. THIS KNIFE AND SHEARS, \$1.00. Pruning, 75c. budding, 35c; grafting, 25c. Send for 80-page free list and "How to Use a Razor."

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641 A Street
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\$25 ON 5 TON BECKMAN BROS., DES MOINES, IOWA

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

PATENTS ORWIG & JANE, DES MOINES, IA.

BUTTER-BRED Holstein bull calves, 6 to 8 months old, sired by Prince Inka, (18 A. R. O. daughters), and out of A. R. O. dams, \$50 each. No females now for sale. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT

SHEEP COUGHING.

I wish to find out how sheep would act if they had stomach worms. Some of mine take spells of coughing at times, and I thought that it might be caused by stomach worms. The lambs are mostly affected.

Stomach worms do not cause cough, but that may well be due to "lung worms," regarding which we wrote fully in a recent article in these columns. Read article referred to.

WIND PUFFS.

I have a bay driving horse, weighing 1,250 pounds, that has wind puffs above his hind ankles. He is quite a speedy horse and has been troubled that way for about two years. Can I reduce them or take them off?

They are incurable when so long established, and should not be treated other than by applying bandages when horse is brought in from harness work. Pressure from flat corks inserted in bandages does some good.

A NEIGHBOR'S BULL.

I have some cows that I want to feed and ship to market about Christmas, so have been keeping the bull away from them in the pasture. My neighbor's bull jumped over the fence and served them. Is there any way that I could destroy that bull's work or their coming calves so that they would be ready to go to market in December?

We do not give advice as to causing abortion and the cows should be allowed to carry their calves. Meanwhile it is evident that you should properly fence to keep out the bull or attend to his case in another way.

COUGH.

I have a three-year-old dark bay mare that had the distemper last spring and has coughed ever since. She seems to be getting worse, and I am afraid it will turn into heaves. I work her some. What remedy would you advise?

See that stable is kept clean and well ventilated. Wet all food. Dissolve one ounce of chlorid of ammonia with one ounce of tincture of iron in a pint of cold water and give two ounces night and morning. Repeat when first bottle is finished if this medicine proves beneficial. If not, then give half an ounce of glyco-heroin three times daily.

ENLARGED GLANDS.

We have a nice young cow, two years and five months old, which has a lump on each side of her flanks as large as two fingers. The lumps are movable back and forth and do not seem to pain her in any way when we move them. She has been fresh about three months and seems to be all right every other way. Can you tell us what is the matter with her?

Without examination we are unable to say with certainty what causes the enlargements referred to, but we suspect that they may be enlarged lymphatics or fibroid tumors. Let them alone for the present, but if they increase in size a veterinarian should be asked to make an examination. Meanwhile if you can have it done have the cow tested with tuberculin to make sure that she is free from tuberculosis.

ECZEMA.

(1) I have been troubled now for the past three years by having my pigs get some kind of a skin disease when about two or three months old. They get scabby so that I have to dip them. Is this a disease of the blood or is it caused by a germ in the skin? They rub themselves; hair gets rough, curly and dry, and they do not thrive well. What treatment would prevent the trouble? (2) I had a pig about three months old die in this manner. In the morning he had a poor appetite, and his bowels would not move. I gave the pig an injection of warm water and soap and after that he vomited what should have passed out. After that he did not eat any more and died the next morning. I made a post mortem examination and found that food

in the stomach was ready to pass out, but the bowels were entirely empty and the end of the bowel was a dark red. Close to the end I found about a dozen little tumors about the size of a bean and a dark red color. I feed slop of about two parts of oats and one part of corn both ground together, with one part of middlings and some oil meal. After slopping I feed some dry corn, about three-fourths of an ear to one pig. What was the trouble and what treatment should I have used?

(1) The disease comes from over-feeding on any rich food, and especially where pigs are given insufficient exercise on grass, clover or rape. It also is seen where pigs are kept on damp or dirty bedding. Avoid these causes and kill lice by frequent dipping in solution of coal tar dip. Keep pens clean and well whitewashed. (2) Pig had stoppage of the bowels, and condition of rectum (end bowel) indicated "piles," often seen where constipation has come from high feeding. Pig possibly might have been saved by administering castor oil in milk.

LOCO POISONING.

(1) I have three two-year-old colts that are eating loco weed. Is there anything I can feed them or do for them to keep them from getting bad until I can take them out of the pasture this fall and put them on rye pasture and feed them? (2) What is best to do for a horse that has been bitten by a snake?

(1) No remedy has been found, and nothing will prevent the horses from eating loco if they can get to it. They should be kept away from the weed, but will take it to again when given a chance. (2) When a horse is known to have been bitten by a snake, tie a bandage at once tightly around the leg above wound and cauterize the wound with lunar caustic or red hot iron, or inject full strength coal tar disinfectant. Give internally large doses of stimulants once an hour if the snake is venomous.

INJURED TENDONS.

I have a six-year-old horse that got cut on the hind leg by stepping on an old can. The cut is about six inches above the fetlock and it cut into the leader some. The cut is all healed over, but it left the leader thick around the place for about two inches above and four inches below. I have been using lard and camphor and have also bathed it with hot water, and blistered it twice. The swelling has gone down some, but is still quite bad. The horse is still lame and does not rest his weight on that foot when standing in the stable. He weighs about 1,500 pounds. I have worked him some on light work the past week. Would like to be advised what to do to get the swelling out of the tendon.

It would be best to have the thickened tendons fired and blistered by a veterinarian, but if you cannot have this done, then blister repeatedly with cerate of cantharides at intervals of three weeks. Horse should not be worked, but may run on grass after each blister has been washed off.

PARALYSIS.

I have a sow which seems unable to get up. She makes some effort to get her feed, and will eat and drink when it is offered her. She has been in this condition for a month, but does not seem to lose flesh very fast. She was running on grass before getting sick. Some time ago I gave her some niter, then in a few days some turpentine. She had pigs early this spring. Can you tell me what ails her and prescribe a treatment?

As sow has been down a month we do not think there is any probability of recovery and would advise you to put her out of her misery. See answers under same head in back numbers of this paper. The cause of this form of paralysis is constitutional weakness from pampering on corn without sufficient exercise and it is brought on by irritation of pigs suckling. To avoid such troubles hogs should be made strong by complete nutrition, abundance of exercise and frequent change of blood in breeding stock.

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseechers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseechers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseechers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of



Kills Hog Lice Chloro-Naphtholeum Dip will quickly kill Hog Lice and all other insect pests. It will prevent and cure Hog Cholera. It is the best disinfectant for hog pens. Cures all parasitic and germ diseases of Cattle, Horses, Hogs, Sheep and Poultry, and heals their cuts, sores and wounds.

Chloro-Naphtholeum Dip

proves its worth before you pay for it. I will send you a gallon, express prepaid, for a two-weeks' trial. If it doesn't kill hog lice in two weeks, you don't owe me a cent. Isn't that fair? Won't you try a gallon at my risk?

E. TAUSSIG, President, WEST DISINFECTING CO., 21 East 59th St., New York City.

SECURITY GALL CURE
POSITIVELY CURES
SORE SHOULDER
SORE NECKS OR BACKS ON
HORSES AND MULES
IT CURES THEM ANYWAY,
IN HARNESS, UNDER SADDLE OR IDLE
IF NOT SOLD IN YOUR TOWN WE WILL SEND YOU
FREE SAMPLE. If you send us
the name of your dealer.
Put up in 25c, 50c and \$1.00 Cans
MONEY BACK IF IT FAILS
SECURITY REMEDY CO.
MINNEAPOLIS MINN.

Seldom See
a big knee like this, but your horse
may have a bunch or bruise on his
Ankle, Hock, Stifle, Knee or Throat.
ABSORBINE
will clean them off without laying the
horse up. No blister, no hair gone.
\$2.00 per bottle, delivered. Book 8-C
free. **ABSORBINE, JR.**, for mankind,
\$1.00. Removes Soft Bunches, Cures
Varicose Veins, Varicocoele, Hydrocele,
Ruptured Muscles or Ligaments, Enlarged
Glands. Allays Pain. Mfd. only by
W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

DUTCH HEAVE REMEDY
A \$2 package guaranteed to cure
any case of Heaves or
Money Refunded.
Sent prepaid on receipt
of price.
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FREE TRIAL
of the BEERY BIT
FOUR BITS IN ONE
Cures Rickets, Runaways, Fallers,
Shyers, etc. Send for Bit on Ten
Days' Trial and circular showing
the four distinct ways of using it.
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A. S. ALEXANDER, V. S.
MADISON, WIS.
Veterinary Editor The Homestead.
CONSULTING VETERINARIAN. Advice and
prescription by mail, \$1.00.

PRUSSIAN HEAVE POWDERS
A guaranteed cure for Heaves, Coughs,
Distemper, Indigestion, Worms, etc.
Dealers 50 cents. Mail 60 cents.
PRUSSIAN REMEDY CO., ST. PAUL, MINN.

WIRE CUTS galls and sores. Dr. Lister's Red
Star Healing Powder. No scar.
Guaranteed. 50c druggists, or prepaid by mail.
Red Star Healing Powder Co., Garner, Ia.

\$29.50. Other Colorado points in proportion,
all having limit of twenty-one days to return
and allowing stopovers on going trip.

To points in Idaho, Montana and Washing-
ton homeseechers' tickets on sale the first
and third Tuesdays of May, June, September,
October and November at rate of one fare
plus two dollars for the round trip, tickets
having limit of twenty-one days to return.

To points in Minnesota, North Dakota,
Manitoba, Saskatchewan and other Canadian
provinces, homeseechers' tickets are on sale
each Tuesday this year. Have limit of twenty-
one days and allow stopovers west of St.
Paul.

Full information can be obtained from E.
J. Sawyer, C. T. A., 514 Walnut St., Des
Moines, Iowa.

G. A. R. ENCAMPMENT, MINNEAPOLIS,
AUGUST 15TH TO 18TH.
SPECIAL LOW RATES.

\$5.95 FROM DES MOINES TO MINNEAPOLIS,
MINN., AND RETURN ON
AUGUST 11, 12 AND 13,

will apply for tickets with favorable re-
turn limits, on account of National G. A.
R. Encampment, via the North-Western Line.
Direct route. Splendid train service. Excel-
lent fast schedules. Special G. A. R. trains.
The best of everything. For dates of sale
and full particulars apply to agents Chicago
& North-Western Ry.

DEMOCRATIC STATE CONVENTION, WAT-
ERLOO, IOWA.

For the above occasion The Chicago Great
Western Railway will sell tickets to Water-
loo and return at rate of one fare for the
round trip, tickets on sale August 6th and
7th and having limit to return of August
9th. Further information from E. J. Sawyer,
C. T. A., Des Moines, Iowa.

A Whole Medicine Chest.
A bottle of DEAN'S
KING CACTUS OIL
in time of emergency
saves many dollars.

PROF. DEAN'S KING CACTUS OIL
Will heal the worst barbed wire cut with-
out leaving a scar if used in time. We
have thousands of testimonials that prove
this fact. Every owner of live stock should
keep it on hand, for it is a positive cure for
cuts, sprains, bruises, old sores, swellings,
open wounds, harness and saddle galls, etc.
KING CACTUS OIL is equally valuable
for ailments of the human race. It is mag-
netized and soothing, pleasant to apply and
heals a wound from the bottom up.
Sold by druggists in 15c., 50c. and \$1 bottles,
\$3 and \$5 decorated cans. Sent prepaid
if your druggist cannot supply you by
OLNEY & MODAID, Clinton, Iowa.

THE HAPPY HOG AT
DIPPING TIME
Is happy because he is being FREED
from Lice that torture and torment.
August, September October, are best
months to dip hogs to kill lice. **DIP-
OLINE**, the best Hog Dip, works
quickly and thoroughly. It KILLS HOOG
LICE, destroys all disease germs,
prevents HOOG CHOLERA, saves loss,
keeps your hogs healthy and grow-
ing. Every hog-raiser needs it. **DIP-
OLINE** is easy to use; the cheapest
hog insurance you can buy. Write
for booklet and enough dip to make
a gallon, FREE.
MARSHALL OIL CO.,
Box 7, Marshalltown, Iowa.

Bog Spavin
Cure the lameness and
remove the bunch without scarring the
horse—have the part looking just as it did
before the blemish came.
Fleming's Spavin Cure (Liquid)
is a special remedy for soft and semi-solid
blemishes—Bog Spavin, Thoroughpin,
Splint, Curb, Capped Hock, etc. It is neither
a liniment nor a simple blister, but a remedy
unlike any other—doesn't irritate and can't
be imitated. Easy to use, only a little re-
quired, and your money back if it ever fails.
Fleming's Vest-Pocket
Veterinary Adviser
describes and illustrates all kinds of blem-
ishes, and gives you the information you
ought to have before ordering or buying any
kind of a remedy. Mailed free if you write.
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CURED and prevented, worms run out and hogs
made healthy and thrifty in a few days at a
small expense. Write for book of reliable infor-
mation on care and treatment of hogs. Also reports of
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Dr. J. H. Snoddy Remedy Co.,
Box 852, Des Moines, Iowa.

KENDALL'S SPAVIN CURE
Time-tried. Stands every test. Spavin, Ringbone,
Curb, Splint, Lameness, Swellings—all readily
yield to the great horse remedy.
ALWAYS ON HAND.
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Dr. B. J. Kendall Co.,
Dear Sir:—Please send me your Horse Book.
Kendall's Spavin Cure is the best liniment I ever
used; have used it for three years and always
kept it on hand. Respectfully, W. E. Teets.
\$1 a bottle. Six bottles for \$5. Greatest known
liniment for family use. All druggists sell it. Accept
no substitute. Our great book, "A Treatise on the
Horse," free from druggists or
Dr. B. J. Kendall Co., Enosburg Falls, Vt.

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A Safe, Speedy, and Positive Cure
The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.
THE LAWRENCE-WILLIAMS CO., Cleveland, O.

SANDWICH SELF FEED Full Circle Two Horse HAY PRESS

The Baler for speed. Bales 12 to 18 tons a day. Has 40 inch feed hole. Adapted to bank barn work. Stands up to its work—no digging holes for wheels. Self-feed Attachment increases capacity, lessens labor, makes better bales and does not increase draft. Send for catalogue.
Sandwich Mfg. Co., 143 Main St., Sandwich, Ills.

FROM FACTORY TO YOU. A \$15 HARNESS FOR \$10.98.

THE best single strap buggy harness that ever retailed for \$15. Bridle 3/4-in. box loops, patent leather blinkers, over check. Breast collar extra wide V shaped. Traces 1 1/2-in. attached to breast collar. Breaching 1 1/2-in. 1 1/2 Side Strap. 3/4-in. Hip Strap. Saddle 3 in., single strap, patent leather jockeys. Belly band Griffith style. Lines 1-in. front by 1 1/2 hand parts. In order to secure one of them at this wonderfully low price, send us at once a money order of \$10.98, simply stating which preferred, imitation rubber or nickel, and we will forward the harness to you immediately. Understand, however, that unless entirely up to expectations, don't keep it, but send it back at our expense, and we will refund you the \$10.98 plus the freight charges. Address, The Glazier Harness Co., Ft. Madison, Ia. Reference, German-American Bank, Ft. Madison.

DR. KNOBLAUGH'S FISTULA CURE

"I cured eight horses of fistula with the above remedy."—Norwood Shearer, Supervisor of Monson Township, Geneseo, Ill. May 19, 1906.

THE FAMOUS OLD TRUSTY

More than your money's worth in incubators during the summer. We have them all best; 40, 60 or 90 days to prove it. 5 year Guarantee. Now is the time to write to M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

POULTRY. White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM, Audubon, Iowa.

ROSE COMB WHITE LEGHORNS.

EGGS 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schletter & Sons, Lawler, Ia.

EGGS from pure bred, well marked, standard weight Light Brahma at \$1 per sitting. I ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

SILVER LACED WYANDOTTES. EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

BARRED P. Rocks exclusively. Large thirty birds, excellent layers. Eggs 60c per 13, \$1 per 36. \$2.65 per 100. J. M. Reeder, Earlville, Iowa.

UPLAND Poultry Farm, Lt. Brahma, S. L. Wyandotte and R. C. B. Leghorn eggs for sale, 20 for \$1.50 for \$2.10 for \$3.75. Albert Haus, Waucoma, Ia.

WHITE Wyandotte eggs from birds scoring 94 to 96 1/2, 15 for \$1.25, two or more sittings \$1 each. Mrs. L. M. Estes, Audubon, Iowa. R. F. D. 2

S. C. B. LEGHORN EGGS. FOR hatching at 50 cents for 15 or \$2.75 per 100. J. P. Eskildsen, Lawler, Iowa.

DOGS.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Granger, Mo.

SCOTCH Collies. Beautiful pups ready for shipment. Also very fine Brood Bitches for sale. Pedigree with each sale. S. W. Harr, Riverside, Ia.

PEDIGREE Scotch Collie pups for sale. Males \$3, females \$5. Arthur H. Beck, R. F. D. No. 3, South, Des Moines, Iowa.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

GAPES.

We have had a good deal of inquiry about a remedy for gapes, which leads us to believe that this old-fashioned trouble has been more common than usual this summer. Those who have had experience in trying to treat birds with gapes will agree with us that prevention is far better than attempts to cure. It is a tedious and difficult job to try to treat chicks that are troubled with gapes. Writing on this subject, Mr. W. W. Kulp, in the Reliable Poultry Journal, says: "The remedy is to keep the chicks away from the infected ground. This may be done in several ways. Either put them on new ground, or keep them on a floor, or disinfect the ground. If they have a large run, it is something of a job, and an expense as well, and although it will pay, few farmers will do it."

"I keep all the early chicks in sheds, about fifty in a brooder. They must be kept off the damp ground for eight weeks, and kept growing by proper feeding. The food must be varied and include greens."

"Before I had the sheds, I fenced off plats of ground twelve feet square, and put fifty chicks in each with a brooder or three hens. Before putting them in, I sprinkled evenly over the ground a half bushel of air-slacked lime. This kills all the life in the ground, both animal and vegetable."

"The vegetable life would not matter, but if you do not put on enough to kill all the grasses, you will not kill all the worms. I have put chicks by the hundreds on ground on which, before it was treated, you could not raise a chick, but after treating, not a chick got a good sneeze."

RHODE ISLAND TESTS EGGS.

The Rhode Island Experiment Station recently made a test of various materials for preserving eggs and has found that the plan of packing eggs in salt and lime water have kept second only to those put in waterglass. A report says the eggs were kept in the solution for over a year and came out all right. The station report is as follows: "The surface of the liquid was crusted, and considerable silt had settled to the bottom of the jar. The shells of the eggs which were sunken in this silt, appeared very fresh. The exteriors of the shells were not increased in size. The whites and yolks were normal in appearance. The whites beat up nicely, but had a slightly saline taste. Several used as dropped eggs appeared to be nice, but had a slightly sharp taste. This old-fashioned method of preserving eggs is thus again proved effective."

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of Twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory which are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific Ry. and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 136 Clark St., Chicago, Ill.

SUMMER VACATION IN COLORADO.

LOW RATES VIA ROCK ISLAND LINES. Colorado, as a place for recreation, is the choice of many thousands of summer tourists.

Colorado is a land of clear, pure air and golden sunshine. It is a land of sparkling mountain streams and glassy-surfaced lakes. There are more enjoyable things to do, more grand sights to see in Colorado than any other place under the sun.

From June 1 to September 30 Rock Island Lines will sell summer tourist tickets at rate of \$21.75 from Des Moines, Iowa, to Denver, Colorado Springs or Pueblo and return. Return limit October 31. July 10 to 15, inclusive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.

Meet Us At The Iowa State Fair.

AUGUST 24th TO 31st INCLUSIVE.



We want to make new acquaintances, renew old acquaintances and show you our Extensive and Complete line of up-to-date Steel and Cast Ranges and Cooks and Heaters of all kinds.

We Have Just What You Want.

It will pay you to investigate and we will take great pleasure in showing our goods.

The wonderful KING BEE AIR BLAST GAS AND SMOKE CONSUMER will be demonstrated.

Culter & Proctor Stove Co.,

200 WATER STREET, PEORIA, ILLINOIS.

Manufacturers of the Celebrated

Peoria Lexington } Steel Ranges.
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Active Mascot }

Peoria Lexington Cast Ranges and Cooks.

King Bee Air Blast (any kind of fuel)
Peoria Gas Burner (magazine for soft and hard coal or lignite)
Peoria Oaks (coal or wood)
Brilliant Peoria (hard coal base burner)
Regal Peoria (hard coal base burner)

A DURABLE ROOFING

One which perfectly excludes water and wind, which is easy to lay, and lasts longer than others is the kind of roofing you want. Shingles are high priced and getting higher every year. Tin rusts. The best roofing is that made of felt and asphalt—but there is a great difference in how this felt and asphalt is combined. In

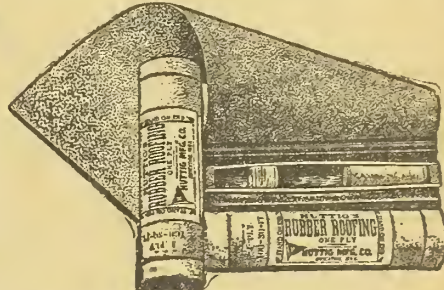
Huttig's Rubber Roofing

the felt is thoroughly saturated with Trinidad asphalt—more thoroughly in fact than any other having 150 per cent saturation as compared to 104 per cent in the best brands of other roofing. This thorough saturation makes Huttig's Rubber Roofing non-absorbing, impervious to frost, and a non-conductor of heat and cold. Keeps buildings warm in winter—cool in summer. Once laid, there is no deterioration or necessity for repairs for years. Anyone can lay it, as nails, caps and cement are packed in each roll. We make this roofing in four grades as to weight, but all of our highest quality.

WE WANT YOU TO KNOW ABOUT OUR ROOFING

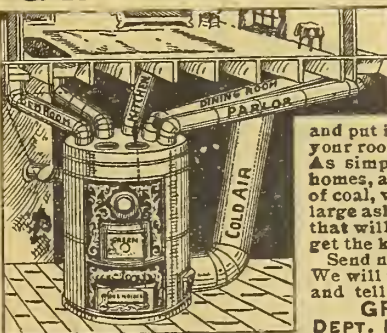
You can use it not only for roofing, but also for the shies as well. Don't do any building this year until you investigate this roofing. It's sold by the best lumber dealers everywhere. Don't let your dealer give you something else "just as good." Insist on seeing Huttig's Roofing before you buy. If it isn't sold in your town write us for sample, and we'll see that you get our goods. We'll be glad to tell you about it and its uses. Address,

HUTTIG MFG. COMPANY, MUSCATINE, IOWA



It comes in rolls with caps, nails and cement inside. This is it.

GET RID OF YOUR STOVES.



The Harvest Will Soon be Over. Are you going to be comfortable with a furnace, when you read, or roast your head and freeze your feet beside a stove? Get a

GREEN FURNACE

and put it in your cellar out of the way. You save the dirt in your rooms, and get the space which your stoves now occupy. As simple to operate as a stove. Used in 2300 Des Moines homes, and more going in every day. Economical in the use of coal, will last almost a life time if properly cared for, have large ash pits and long smoke travel. Don't buy something that will make you want to swear every day for ten years, get the kind that satisfies.

Send us your name to-day, also the name of your dealer. We will tell you how and where to get a GREEN FURNACE and tell you all about it. Address

GREEN FOUNDRY & FURNACE WORKS, DEPT. H. DES MOINES, IOWA.



WE CURE ALL MEN'S DISEASES



Reliable Doctors

WE are the oldest established firm of Specialists in all diseases and weaknesses of men in the west. We cure after others fail. This is why men travel across the continent to consult us. We treat all Chronic, Nervous and Special diseases. Nerve Debility, Loss of Strength

with attendant evils, Varicose or Knotted Veins, Rupture, Blood Poison, Skin Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

Reference, Any Bank or Business House in the city. CONSULTATION FREE Drs. Fellows & Fellows Co. Write if You Cannot Call. 323 W. WALNUT ST., DES MOINES, IOWA

sive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.

This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.

Very low rates will also be in effect to Glenwood Springs, Colo., Salt Lake City and Ogden, Utah, Yellowstone National Park and to the Pacific Coast, with cheap rates for

side trips to nearby points of interest en route.

New and improved train service via the Rock Island is an important feature for the Colorado traveler to consider.

Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. E. Kilne, C. P. A.

ADVERTISING NOTES.

Central Missouri farms located in Callaway county are advertised for sale by Mr. W. E. Jameson, of Fulton, Mo., on page 11 of this issue. Write him for catalog, which will be sent free.

We are in receipt of the 1906 catalog of the Omaha Commercial College. It is quite out of the ordinary in its character and construction. Besides college information and views it contains a number of beautiful half-tone engravings of Omaha street scenes and a fine bird's-eye view of the city. This attractive little book should prove interesting to both young and old people.

Mr. A. Edgar Davis, of Lincoln, Neb., is advertising in our real estate column. He is reliable in all ways and his dealings are straightforward. He is in a position to sell your land or business, as he co-operates with 1,500 agents. His dealings go to every state in the Union. This thorough system has made him very successful. This is the only system where quick sales can be made. Look up his advertisement on page 11 and write him at once.

A well-drained 150-acre farm located in Buchanan county is offered for sale by Mr. E. C. Hesner, of Dundee, Iowa, in his advertisement on this page of our paper. There are a large house, barn and good outbuildings on the place, which is situated in a good neighborhood, only two miles from town. Mr. Hesner says that the farm is a No. 1, and all right in every respect. It has good soil and at the price at which it is offered it ought to sell to the first man wanting a good farm.

If you are looking for a farm you can surely find one to your liking by investigating those farms offered by the Western Farm Land & Realty Co., of Kansas City, Mo., whose advertisement will be found on this page of this paper. They have farms located in several different states and are prepared to give you good lands at a very low figure, both in improved and unimproved lands. A few of the many bargains they have to offer you will find contained in their advertisement this week, which do not fail to read, and when writing mention this paper.

The advertisement of the Dutch Heave Remedy Company, of Perry, Iowa, appears on page 8 of this issue. They are offering for \$2 a package of medicine guaranteed to cure any case of heaves or money refunded. Mr. Geo. Alvorn, a resident of Perry, used this remedy and was so well pleased with it that he gave them the following testimonial: "I gave the Dutch Heave Remedy according to directions which I received from you last fall, and my horse is cured of the heaves. I don't think anyone having a horse that has the heaves can afford to have a heavy horse when \$2 will cure it, as any good horse that has the heaves is worth from \$25 to \$50 more when cured. I heartily recommend the Dutch Heave Remedy to anyone having a heavy horse."

The announcement, appearing on page 11 of this issue, in regard to the productiveness of Texas farms of the Western Realty Company, of Stratford, Texas, will be found of interest. This company have several thousand acres of land located in Sherman county, Texas, which is an ideal stock and grain country. They will sell in tracts to suit the purchaser, and in many cases can make favorable terms when the buyer is not prepared to pay spot cash. Alfalfa, Indian corn, wheat, oats, rye, melons, vegetables, fruit, millet, maize and kafir corn are good yields in this section. Land can now be had at from \$5 to \$15 per acre, according to the improvements and distance from market. The above firm, however, expect to see prices increase 100 per cent within the next year. Those of our readers who are interested, either in a speculative way or are considering the advisability of changing the location of their home, should write the above company, asking for circulars and other information.

CULTER & PROCTOR STOVE COMPANY'S EXHIBIT AT IOWA STATE FAIR.

One of the most interesting exhibits at the Iowa State Fair this year will be that of the Culter & Proctor Stove Company, of Peoria, Ill., manufacturers of high-grade steel ranges and heating stoves. A cordial invitation is extended to all readers of The Homestead to inspect the exhibit by this firm. Do not overlook this exhibit, as the opportunity is seldom given to see this line of stoves in operation. Look up the announcement on page 9 of this issue and be sure to visit this exhibit at Iowa State Fair.

A BOOK EVERY READER CAN GET. "HOW TO LAY ROOFING," TELLS HOW TO SAVE MONEY AND REDUCE INSURANCE RATES.

The Homestead is pleased to announce to its readers that there has just been published by the Heppes Company, 2401 Fillmore St., Chicago, a little volume telling how to put a fire-proof roofing on any building, how to save money in roof construction, how the roof affects the insurance rates, how to get an acid and water-proof roof, etc. This book is written by Mr. O. A. Heppes, who invented several of the roofing materials now on the market, but who five years ago perfected one of his own, which is probably better than any other now made. This booklet tells how to measure a building so as to

know just how much roofing material will be required to cover it, and all the readers of this paper have to do is to write to the Heppes Company, 2401 Fillmore St., Chicago, and say, "I want the book that tells how to lay a roof." Be sure to give your name and complete address. If you live on a R. F. D. route, give the number.

A GOOD IOWA STOCK FARM FOR SALE.

On page 11 will be found the advertisement of Mr. Frank Bissell, of Dexter, Iowa, who offers to sell a splendid Iowa farm, located about two and a half miles from one of the best towns in the state. The farm comprises 240 acres, 120 of which are as fine as there is in the state of Iowa. The balance is a little rolling and rough; seventy acres in corn, thirty in oats, thirty in meadow, balance in pasture; some timber, fifteen acres fenced hog tight; well watered, windmill and tanks, seven-room house, two barns and hog shed, and located on main traveled road. Price \$60 if taken soon. Write Mr. Bissell about this great land bargain at once and please mention this paper.

CONTAGIOUS DISEASES AMONG HOGS.

Every man in the central West who raises hogs has a constant dread of cholera or swine plague. "I would keep twice as many sows as I do at present if I were sure that disease would not strike my herd," is the remark of almost every man you meet. Those who have learned to use a good germ and lice destroyer like Zenoleum no longer dread cholera. By dipping hogs at regular intervals and by spraying yards and disinfecting mud holes with Zenoleum the common diseases among hogs may be practically stamped out. Hog quarters should be sprayed with Zenoleum several times during the summer months for the purpose of destroying lice, as well as killing disease germs. A 3 per cent solution of Zenoleum will do the work every time. All druggists sell Zenoleum.

LIKES THE CREAM SEPARATOR.

Some time ago Mr. B. W. Giles gave the following advice in Farm and Ranch: "I advise any man with as many as eight cows to use a hand-power centrifugal separator and get one of the best." To this Mr. D. Y. Zachery, of Cement, Okla., made the following reply: "I want to say that such advice as that beat me out of the use of a separator for ten years, for I never had the eight cows, and believing from all that I could find out it would take at least that many to run a separator, I had to wait; but by storing and judicious marketing a crop of fine potatoes I found myself in possession of five bales of eleven-cent cotton and no debts to pay, so decided to get a separator, though I only had four cows and one of them but eighteen months old. I got the separator the last of December and put it to work, and we sold 103 pounds of butter in January and have added four more cows now and are pulling for at least 2,000 pounds this year. After six weeks' experience I would advise anyone getting as much as four gallons of milk, if butter is the object, to use a separator. I shall never know whether I got the best make or not, as I examined several catalogs and they all claimed to have the best, but I settled on one made by the Davis Cream Separator Company (Catalog No. 118), 54 North Clinton St., Chicago, and am well pleased. We separate the milk as soon as we get it, give the separator milk to the calves and pigs and they all seem to enjoy it and keep fat with very little other food. We ripen the cream and use a barrel churn and use a dairy thermometer to get the right temperature. We work the butter well, press in a brick mold and wrap the butter in paper, and it is no trouble to sell at a good price. I also have fifteen acres in commercial orchard, so will have to depend on someone else to raise cotton."

FALL WHEAT.

The illustration below was taken from a single bunch of fall wheat grown by the A. A. Berry Seed Company, of Clarinda, Iowa. This bunch was grown from a sin-



gle grain and shows the great stooling quality of this wonderful wheat. It is the new Kharkov variety direct from Russia last year. It yielded over fifty bushels per acre in Page county, Iowa, near Clarinda, the northern part of the fall wheat belt. The millers there say that it yields 25 per cent more flour than any other kind they ever handled. There is none better in the world

LANDS AND HOMES FOR SALE

Iowa Farm for Sale

HERE is a bargain in one of the best 150-acre farms in Buchanan county, Iowa. Land very productive. Well drained; raised fine crops. Large house and barn and good outbuildings. In splendid neighborhood. Only two miles from good town. Easy terms. If you are looking for a good home at a right price, write the owner for further particulars.

E. C. Hesner, Dundee, Iowa.

IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1906 descriptive list. Address, Winterset, Iowa.

J. G. SHRIVER, Winterset, Iowa.

For Sale---1,000 Acres

TO close up an estate, we will sell 1,000 acres in one body; finest pasture and farm land; located in southeastern Iowa. The farm is an ideal one for any one who wants a good stock farm or is just as good for farming purposes. To any one who can handle the whole farm we will make a sacrificing price. We also have another fine farm in southeast Iowa containing 640 acres in one body—which we will sell—regardless of value. Address, BOX 1133, ST. JOE, MO.

MISSOURI 28 MILES FROM KANSAS CITY

160 ACRES in Jackson County, Mo., and one of the best farms in the state, with a 7-room house, and other good improvements, orchard, etc. All level land, black limestone soil. Must sell. Price \$85.00 per acre. For photographs, descriptions and full particulars, see

A. J. JONES & CO., PLEASANT HILL, MO.

for seed wheat than this new, imported, highly-bred, grand wheat. They have Turkey red and Bulgarian varieties. It will be money in your pocket to get some of this splendid seed wheat. The A. A. Berry Seed Company are headquarters for seeds of all kinds; strong on timothy seed, and you will do well to get prices before buying elsewhere. Send for their fall price list, which will be sent free to all inquiring. Find advertisement on page 4.

WHY NOT BUY A GOOD FARM?

If you are looking for a farm which has the right location and which has all natural, as well as commercial, advantages you will be interested in the farm that the Inland Security Company, of Kansas City, Mo., advertises on page 11 in this week's paper. This farm of 243 acres is one of the finest in the Southwest. The Inland Security Company will be glad to furnish all information desired, and to the party who can buy it they are in a position to make most liberal terms. It will bear full investigation, for it is a money maker. Please bear in mind that it is located only seventeen miles from Kansas City stock yards. If you are interested do not wait, as this farm will not remain upon the market very long. When writing be sure and mention this paper.

SEED WHEAT.

Winter wheat has again proved to be quite a profitable crop this season and many farmers are reporting yields of from thirty to forty bushels per acre, while the crop of spring wheat has only yielded about half that amount. This being the case it would seem that winter wheat is one of the most profitable crops for Iowa farmers and should be more largely sown. The Iowa Seed Company inform us that their crop of the Defiance seed wheat is most excellent this season. They consider it quite an improvement over the old Turkish Red wheat in many respects. A sample will be mailed free to any of our readers who desire it. A postal card request addressed to the Iowa Seed Company, of Des Moines, Iowa, is sufficient. In writing them state quantity desired which you expect to use and they will quote lowest price.

AN EXCELLENT IOWA FARM FOR SALE.

On page 11 of this week's paper will be found the advertisement of Mr. Z. T. Lindsey, of Omaha, Neb., who offers for sale one of the best stock and grain farms in the state of Iowa at \$62 per acre. This farm contains 567 acres and is located in Monona county, Iowa. It is five miles from Onawa (county seat), one of the best towns in the state, and two miles from Turin, both good railroad towns. It has a good six-room house, a good barn, with brick foundation, and is almost new. The other buildings are up-to-date, and it is one of the very best stock and grain farms in the West. The soil is a deep and very rich loam, and is easily worked. The owner desires to sell at once and therefore has made the price low enough to interest anyone wanting such a farm. Write to Mr. Lindsey at once and mention this paper.

HOG CHOLERA AND WORMS.

There is now more complaint about disease and other troubles in hogs in this part of the country than has been known for years. There is some discussion as to whether or not the trouble is real cholera or if it is worms that kill the hogs. The hog owner is not interested particularly in a correct solution of this question, but he is vitally interested in saving his hogs. The Snoddy treatment for hogs is very highly recommended by a great many of the best-known breeders and farmers of this part of the country. Such men as Messrs. P. W. Peterson, Vermilion, S. D.; O. S. West, Paulina, Iowa; George Seckman, Ripley, Ill., and Dave Rankin, Tarkio, Mo., use and recommend this treatment as a real cure and preventive of cholera, a thorough and satisfactory worm remedy and a great health and thrift producer among hogs. Farmers should write to Snoddy Remedy Company, Box 852, Des Moines, Iowa, for their free book of valuable information on the care and treatment of hogs. It costs nothing to learn all about it.

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

FARMS FOR SALE

462 Acre farm, in Jackson Co., Minn., well improved. A bargain at \$45.00.
160 Acres, near Iowa line, all tillable, price \$35.00.
160 Acres, near Enid, Okla., well improved, \$25.00.
160 Acres in Anderson Co., Kan., a beauty, at \$37.50.
160 Acres in Red River Valley, Minn., near Crookston, \$25.00.
510 Acre fruit farm, in Washington, Ark., a snap at \$12.50.
640 Acres in Lipscomb Co., Tex., "dirt cheap," \$4.50.
20 Quarters in Faulk, Edmonds, Hyde, Hand, and Sully counties, S. Dak., very cheap. Farms contained in this ad. are all at very low bed rock prices. It is our aim to save any farmer money who wants to buy.

Western Farm Land & Realty Co.,
908 N. Y. Life Bldg., Kansas City, Mo.

FOR SALE

IN FRANKLIN COUNTY, IOWA,
TWO FINE STOCK FARMS.

300 ACRES and 240 acres. Good soil, good improvements; 1½ and 4 miles from town. Easy terms to right kind of purchaser.

A. L. Stuntz, Greene, Iowa.

WANTED

A RELIABLE, experienced land and exchange man, with references, to take charge of our Farm and Exchange Department. Permanent and profitable position with established business.

MALCOLM V. BOLTON & CO.,
CEDAR RAPIDS, IA.

Farm for Sale

240 ACRES, 2 miles southwest of Collins, Story Co., Ia., on main line C. M. & St. P. R. Has 6 room house, barn, cribs, granaries, good wells, some fruit. This land is the deep, black loam soil, the kind that is inexhaustible. With a little more tile every acre will be plow land. Will be sold cheap to close an estate. W. H. Thompson, Ref., Collins, Ia.

DON'T GO WRONG

YOU'LL never regret it if you buy a MADISON COUNTY, IOWA, Farm of me. We have them for sale, all sizes, the best of land, and LOW PRICES. Write today, for large descriptive list free. SEE this country, and its crops, before you decide—then you'll buy here. Write to

E. E. McCall, WINTERSSET, IOWA.

LAND, LAND, LAND.
Cheap Nebraska Lands.

WE can sell you land in Lincoln, Keith, Perkins, and Deuel counties. All rich soil, at from \$3 to \$12 per acre, and will sell you land in Buffalo, Dawson, Custer, and Phelps counties, at from \$10 to \$60 per acre. We hold the belt of cheap Nebraska lands. Write us for our new price list just out. We sell dirt cheap.

W. F. SMITH REALTY CO.,
KEARNEY, NEBRASKA.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
415 KANSAS AVENUE, TOPEKA, KAN.

FREE.

A Vest-Pocket Indexed Township Map of the STATE OF WISCONSIN, and also information about the Selected Hardwood Timber Lands, Drained Marsh Lands, and other varieties of land owned by me. Write me if you wish to find a new home in a good farming community. We have good climate, good water, good schools, good roads and good crops. Prices and terms reasonable. Address,

WM. J. STARR 23 Ingram Blk., Eau Claire Wis.

FOR SALE OR EXCHANGE.

640 ACRES in Buchanan county, 5 miles from county seat, has good house, large barn and other improvements, a good stock and grain farm. Will take stock of merchandise, registered cattle or income property in exchange.
BOX 151, INDEPENDENCE, IOWA.

160 ACRES OF GOVERNMENT HOME-

STEAD WHEAT LANDS
IN North Dakota free to each purchaser of additional 160 acres. Price of these additional 160 acres from \$1,600 to \$2,500. Easy terms. These prices for limited time to settlers only. Address, Beaver Valley Land Company, Joliet, Illinois.

WINTER SEED
WHEAT

62 BUSHELS PER ACRE. That's the yield of imported "Malakoff" winter wheat. This wheat was imported by us from Russia, near the Black Sea, five years ago. We have grown and sold thousands of bushels of it. It has been thoroughly tested everywhere. It is as hardy as rye. Many experimental stations pronounce it the largest yielding, surest cropper and best quality of milling wheat grown. Seed wheat circular with full descriptions of winter wheat, rye, timothy, clover and other grass seeds mailed free with sample of "Malakoff" to all who want to make a change of seed. Write today. Address,
RATEKIN'S SEED HOUSE,
Shenandoah, Iowa.

....LANDS AND HOMES FOR SALE....

For Sale---Excellent Iowa Farm Price \$62.00 Per Acre.

A good farm as there is in Iowa, containing 567 acres, located in Kennelbeck township, Monroe county. It is five miles from Ottawa (county seat) and two miles from Turin, both good railroad towns. I will sell for \$62 per acre if taken soon, part cash and balance on time at a reasonable rate of interest. The house is a good frame house of about six rooms, brick foundation, cemented cellar, etc. The barn is large with brick foundation, and almost new, has "lean to" shed 12x32 feet. There are ample cribs, bins, etc., hay racks, good wells and windmill. The farm is well fenced and will divide into three farms nicely. The remainder is splendid hay land with the exception of 15 acres of good timber along the west line, which is the Little Sioux river. For stock or grain the farm has no superior anywhere. The soil is deep and a very rich dark loam, easily worked, no rocks, no sand. As the Northwestern Mutual Life Insurance Company of Milwaukee renewed a small loan for five years on the above described land, June 29, 1906, there can be no question as to perfect title. I refer you to any bank or commercial agency in Omaha, Neb., or Council Bluffs, Ia., as to my reliability. The farm to be appreciated must be seen. All inquiries cheerfully answered. Address, Z. T. LINDSEY, OMAHA, NEB.



WE BUILD YOU A HOUSE FREE OF CHARGE

and sell you fertile land at a low price and on easy terms, within 25 miles of St. Paul and Minneapolis. This is the greatest proposition ever made to readers of this paper. You have your choice of 40 acres or more out of two million acres of the splendid lands of Northwestern Wisconsin. The price is only \$7. to \$12, an acre, and to give you a good start we will build your house on the land. The finest imate in the world, pure soft water, ample rainfall, fuel for years on your own land, near to the finest markets. This with a FREE HOUSE and land that will grow the FINEST KIND OF CROPS. What more can you ask! Write TO-DAY for MAPS and FULL INFORMATION.

AMERICAN COLONIZATION CO.,
603 Opera House Block
Cumberland, Wisconsin

THE TWO BEST LARGE FARMS

I OFFER for sale two large farms at the greatest sacrifice. The sale is being forced by creditors. Wise men know creditors are merciless. Then bargains are to be had. Will sell 1,760 acres, fourteen miles south of Kansas City, for \$125,000.00. It has best improvements; best soil; best water and best feed lots; best transportation. It's worth \$150 an acre. Also the most noted Short-horn farm in the United States. Improvements best and cost \$75,000.00. Land all in grass; best limestone soil. Worth \$75 an acre. There are 1,940 acres. In perfect condition. No expense on improvements for many years. Will sell for \$90,000.00. Either for 1/2 cash, balance long time at 5 per cent. Write for full description.

J. H. LIPSCOMB, 311 FIDELITY TRUST BLDG., KANSAS CITY, MO.

WE GIVE YOU TEN YEARS TIME

in which to pay for

Farm and Ranch Land in Kansas, Nebraska and Colorado

All you need to make the land pay for itself and also make you and your family independent for life. Low Prices. Write for full information. FREE.

B. A. McALLASTER, Land Commissioner, U. P. R. R., Omaha, Nebraska



Eastern Kansas

I HAVE for sale at owners' prices over 300 choice improved farms of all sizes in Lyon and Coffey counties, located in the heart of the best part of

NEOSHO RIVER VALLEY

All smooth, level land, no hills, stone, sand or hardpan; best black soil with clay subsoil. No hot winds; plenty of timber, fine water, tame grasses and fruit of all kinds. Long farming season and short, mild winters. Splendid school and social advantages. A live, up-to-date business town of 1,000 population with two long distance and local telephone systems, 5 rural mail routes; 3 large, new grain elevators; best shipping facilities; 100 miles to Kansas City market. Prices cheaper and selection better than near county seats. Write for new illustrated descriptive circular. Mention The Homestead when writing.

ED. F. MILNER, Hartford, Kansas

Have a Home Of Your Own

ALONG the Kansas City Southern Railway. Have all kinds of land from Kansas City to the Gulf. Timber, Rice, Mineral, Fruit and land for general farming. Best of climate and soil, in western Arkansas, and eastern Oklahoma. Unimproved land from \$6 to \$10 per acre, will double in a year. Also improved farms at great bargains. For circulars, and further information call or write.

J. W. JENSEN,
84 ADAMS ST., ROOM 31, CHICAGO.

BUY A FARM NOW.

ALL good FARM LAND must advance with our increase in population. We sell good land in KANSAS and TEXAS, at \$6 to \$10 per acre. Good climate; good water. One crop pays for the land. JOIN OUR NEXT EXCURSION.

T. CARRABINE & CO.,
Opposite P.O., 301 Century Bldg., Kansas City, Mo.

KING AND QUEEN COUNTRY.

CORN is King and Wheat is Queen in northeast Kansas. Bluegrass sits in the shade of fine tall timber and judges herds of fine stock and with Alfalfa, Clover and Timothy execute the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want to S. M. Strawn, Valley Falls, Jefferson Co., Kan.

"FACTS about the Wichita Falls Country" is the title of our new illustrated folder; it contains a good map of Texas, together with reliable information concerning this section; we will be pleased to mail it upon request to those in search of a healthy, fertile country, where wheat, small grain, cotton and fruit are raised in abundance. Address, Cobb, Bean & Stone, Wichita Falls, Texas.

YOUR MONEY'S WORTH IN KANSAS LAND. WRITE,

M. A. Nonken Land Agency, Peabody, Kan.

FARM LANDS FOR SALE.



THE CHEAPEST AND THE BEST ON THE MARKET.

THESE lands are in southern Minnesota and South Dakota; in Yellow Medicine county, Minnesota, and Deuel county, South Dakota, in the fourth tier of counties north of Iowa. You can raise anything in these parts that you can raise in northern Iowa. A good corn and stock country. These lands lie well, good black soil. Failures unknown in these parts. Lands for one half the price that you can buy Iowa lands for. Improved farms from \$30 to \$40 per acre, wild lands from \$20 to \$30. Why go to North Dakota and Canada and pay practically the same for those lands that you would pay us? Buy your round trip tickets to Gary, South Dakota, over the C. & N. W. Ry., take receipt, bring the same to us, we will refund your fare on any purchase. Excursions every Tuesday. For full particulars write.

GEORGE W. JOHNSON LANDS COMPANY, State Bank, Gary, South Dakota.

14,000 Acres, Panhandle of Texas

WELL improved; 1 1/2 miles of railroad and promising young town; all good wheat land; 500 acres wheat made 36 bu. this year. Oats made 65 bu. Will sell for \$20 an acre by spring. Price for immediate sale \$10 per acre. P. B. Rodgers, 317 New York Life Bldg., Kansas City, Mo.

IMPROVED FARM FOR SALE

BY owner. Equal to good Iowa farm at one-half the price. 480 acres, \$10,000 cash, balance 6 per cent, or can be divided. Write for information to J. F. Schwantes, Big Stone, South Dakota.

WILLAMETTE VALLEY LANDS FOR SALE.

LARGE crops—fertile soil—perfect physical health. In the Willamette Valley. Low prices for land under cultivation, or large acreage for Colonies. Let us send facts and figures. Oregon Farm & Home Land Co., 607 McKay Bldg., Portland, Ore.

Farm Loans a Specialty.

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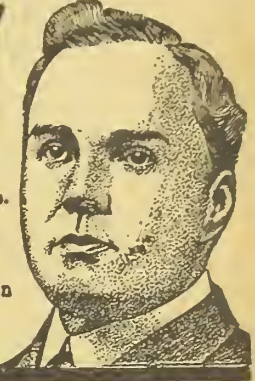
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Our Gem Hay Press is the strongest and most efficient press you can buy. It weighs 2600 pounds, while presses of this size by some other makers weigh only 1500 to 1800 pounds. Is it any wonder such presses are continually breaking down and require constant expense for repairs? Our aim is to make the lightest press consistent with good service. Every part is made amply strong for the work it is called upon to do.

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WITH THE EDITOR.

The two men presented a marked con-
trast to each other as they sat in their
wagons exchanging remarks about the
weather and the state of the crops. Isaac
Watts was a stout, comfortable-looking
person, with a laughing eye which was
good to see. His companion was tall,
lank and grave of face—life was no
joke to him if his deep-set eyes told
truth.

"Well, guess I'll be moving on," said
Watts, gathering up the lines. "Wonder
how they'll come out at school meeting
tomorrow?"

"Anything special doing?" asked Long.
"Well, rather. They're to hire the
teacher, and everybody's wondering
who'll get the place."

"You surprise me. I thought Miss
Powell was to be re-engaged."

"I thought so, too, until just lately.
It seems Mary Allan wants the place
and has offered to take it for twenty-
five dollars less than we've been paying
Emmie Powell."

"What has that to do with the mat-
ter?"

"Why, twenty-five dollars is twenty-
five dollars, man. Thompson don't think
so. He says changing teachers is bad
for the school. He's bound to have Em-
mie Powell again this year; but Berry
is just as set on giving the place to
Mary Allan. He wants to save that
twenty-five dollars. What Akers wants
nobody knows. You see, Akers is in debt
to Berry, and he needs Thompson's in-
fluence to get that place in the county
office that he is working for. He's in
a tight place and there's no telling
which side of the fence he'll land on.
I'm quite curious to see how it'll all
end."

"This is all news to me—bad news, too.
My children swear by Miss Powell."

"Yes, Emmie's mighty popular with
the children. My youngsters are plum
crazy over her. Guess she's a fine teach-
er, too; she seems to bring the children
on well, but, as I said to Thompson,
probably Mary Allan'll get along just
as well."

"You don't mean that, for the sake
of a few dollars, you'd let Miss Powell
go, when she does such good work?"

"Yes, believe I would. I agree with
Berry; I think we should run the school
as cheap as we can."

"But, Watts, you know well enough
that cheap goods are generally dear
goods in the long run. It's almost al-
ways that way in school matters. Real-
ly, I'm surprised at you, a man as well
fixed as you are. I'm a poor man myself,
but I'm dead against cheap schools. It
is not to be expected that a slip of a
girl fresh from school herself should
know how to teach, and yet for the
sake of a few dollars year after year
country schools are given to just such
girls, and when they've served their
apprenticeship on our children and real-
ly know a little something, we turn
them off and let another greenhorn try
her 'prentice hand on our school. It's
all wrong, dead wrong. We should do
as they do in town—offer a decent sal-
ary—enough to make it worth the while
of a competent teacher to come to us,
and when we've got her we should hang
onto her, giving her a little more from
year to year to encourage her to keep
abreast with the times."

"Don't believe the district'd stand for
such doings. Folks grumble about the
school tax as it is."

"The more shame to them. Why
shouldn't farmers have as good schools
as townsfolk, I want to know? I can't
see why because I live on a farm my boy
should not have as good teaching as his
cousin in town. He needs a good educa-
tion just as much. People nowadays
can't get ahead unless they have a good
education. They're handicapped in the
race and have no chance for the prizes.
I want my children to have a fair start.
They'll have to compete with town folk
later on, and they should have equal
advantages to prepare them for the
struggle."

"I think instead of going straight home
I'll drive 'round and see Berry. I wish
you'd go along. If a dozen men who
see the thing straight would talk the
matter over with him I believe he'd see
the foolishness of changing teachers to
save money. I'll drop in on Akers, too.
I'm sorry he's in a tight place, but
he was elected to serve the district and

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as long as the building.

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the matter has a chance to slip your mind.

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share of what you raise, in rent. Wouldn't it be better to go where the price
of good land is so little that you can own a big farm—where every acre of
ground is working for you and all you raise is paying you good profits?

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line of the Cotton Belt Route that can be bought for from \$3 to \$10 an
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it's our business to see that he doesn't
forget that little fact."

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Beautiful hands are those that weave
Bright threads of joy in lives that grieve;
Beautiful feet are those that run
On errands of mercy from sun to sun;
Beautiful lips are those that speak
To comfort the mourner and hearten the
weak;

Beautiful eyes are those that glow
With the light of a spirit pure as snow;
Beautiful faces are those that seem
With the very love of God to beam;
Beautiful forms are those that grace
With gentle service the lowliest place;
Beautiful lives are those that bear
For other lives their burden of care;
Beautiful souls are those that show
The spirit of Christ where'er they go.
—Rev. Dudley Chase Ahcott.

TWELVE GOOD BOOKS FOR SUMMER READING.

(Selected by Rev. Charles M. Sheldon.)
A good book is the precious life-blood of
a master-spirit enlabeled and treasured up
on purpose to a life beyond life.—John Mil-
ton.

"Counsel Upon the Reading of Books,"
Henry Van Dyke; "Virginius Puerisque,"
R. L. Stevenson; "The Gentle Reader,"
F. M. Crothers; "Great Books as Life Teach-
ers," N. D. Hillis; "Bird and Bough," John
Burroughs; "The College Man and the Col-
lege Woman," William De Witt Hyde; "My
Own Story," J. T. Trowbridge; "The Mak-

ing of an American," Jacob Riis; "Memories
of a Hundred Years," E. E. Hale; "One Hun-
dred Days in Europe," O. W. Holmes; "The
Life of Joseph Neesima," Alpheus Hardy;
"A Life of Christ for Boys," Forbush.

THE SUNRISE SONG.

El you want ter reach de Promise Lan', en
git de milk en honey,
You mus' always see de sun rise in de
mawnin'.
El you want ter hear de jingle er a pocket-
ful er money,
You mus' always see de sun rise in de
mawnin'.

Dat de way it go,
Summertime or snow—
You mus' always see de sun rise in de
mawnin'.

You got ter he a sower ef you ever want ter
reap,
You got ter see de sun rise in de mawnin'.
You mus' always see de sun rise in de
shackles er yo' sleep,
You mus' always see de sun rise in de
mawnin'.

Dat de way it go,
Summertime or snow—
You mus' always see de sun rise in de
mawnin'.

—Atlanta Constitution.

FEEDING THE BABY.

It is a bad plan to bring the baby to
the table and let him sample the various
things on it. Sometimes grandma or grand-
pa plead that he may have a bit of some-
thing sweet, and loving relatives have been
known to administer dainties to baby on

the sly, to his ultimate discomfort. Indigestion in the first days of a baby's life is often due to some dainty thus offered, or to a meal of some starchy food, as cracker or toast, water, sugar and water, or cow's milk, which the stomach cannot digest, and spoiling and poisoning is the result.

Colic or inflammation may follow, and then some grave disorders, as inflammatory diarrhea, cholera infantum, or dysentery. In the summer the latter often proves fatal in a few days, or even a few hours. It is a good rule not to give any solid food to a baby until it has teeth to chew it with.

FOR THE COOK.

Spiced Rolls.—Roll a piece of bread dough to the thickness of half an inch; brush the top with melted butter and cover with fine sugar and cinnamon; roll as jelly cake; cut an inch thick and lay in pan as biscuit, close together; allow to rise and bake twenty minutes. These rolls are nice to serve with tea.

Chicken Turnover.—Place a good-sized young chicken in sufficient water to cover and boil until tender enough to slip the bones from the meat; season with salt, pepper and a little celery; make a light short cake in a circular pan, split the cake, butter the lower half and arrange the chicken on it; thicken the gravy with a little flour; add a tablespoonful of rich cream and a lump of butter; pour over the chicken on the lower crust and place the top section of the cake over all.

Green and White Cake.—Cream together one cupful of butter and two cupfuls of sugar; add one cupful of milk. Sift four cupfuls of flour with one heaping teaspoonful of baking powder and heat in alternately with the whipped whites of six eggs, stir in the juice of one lemon and half the grated peel. Dip out one cupful of batter and add to it a little spinach juice, also a little more flour. Put the white batter in the cake tin and variegate it with the green. Bake in a steady oven. To obtain the spinach juice put spinach leaves in a double boiler with no water in the inner vessel and cook until the juice is drawn out. Squeeze the leaves in a cloth and use the juice from them.

Quick Lemonade.—Lemon sirup ready for lemonade at a minute's notice on a hot day is a convenience. Melt one pound of sugar with water enough to keep it from burning and boil it until it spins a thread. Turn into this the juice of a dozen lemons and the thin rind of four lemons and heat the mixture thoroughly, but do not allow it to come to a boil. Strain and when cool bottle. A tablespoonful is sufficient for a tumbler of lemonade.

AMONG OURSELVES.

"I want to enter a protest against the remarkable statements made by Sarah Belle Mead. She says, 'The farm women do long for restful, lovely homes, but the head of the family does not.' It must have been a remarkably poor class of farmer men that it was her misfortune to be among. The vast majority of farmers are not of this class, I am sure, and even in those isolated cases if women really 'long for restful, lovely homes' why don't they go to work and make them? Is it beyond the art or power of woman to plant a tree here, a rosebush there, a few vines to run up the porch, and by raising chickens or some other method get a nice hammock to hang on that porch or, better still, under some trees, if you have them? Then a very small sum of money will buy a rope for a swing for the children, and it's ten to one the 'head of the family' would be very proud of the little woman who had accomplished so much without his aid. Among the majority of farmers it is only lack of time, not inclination, which makes them negligent about such things. I have just been reading the letter about summer days upon the farm, but her plan of work did not seem to solve the problem for me. I do not know how large her family is, but she mentioned three girls and a boy. That is just the extent of my family. A boy of thirteen and three girls aged seven, five and two years. Now, if in addition to the work she mentioned you add the work in the garden, caring for the poultry, cleaning hen houses, shutting up and caring for perhaps a score of sitting hens, etc., when that same woman must go to the garden and pick peas, and beans and dig potatoes, then in addition milk five cows night and morning and separate the milk from thirteen cows and feed ten calves in the morning (husband does the separating at night), you will see that there are not hours enough in the day to accomplish all; it takes several hours of the night also. I am not complaining, but only wanted to tell 'A Farmer's Wife'

there are some of us who could not find any leisure, no matter how hard we try. I will close for fear of crowding someone else out."

Almost every week I receive letters from members of the circle who after holding back for years timidly rise to their feet. Here is Mrs. Belle Larsen who has kept silent through a sense of inability to say anything of interest, giving us such a fine letter that we feel the circle has missed no one knows how many good things. I tell you, friends, if whenever a letter appeals to you, you would seize a pad and pencil and jot down what is in your mind, just as if you were talking to your John or a neighbor, and let us have the effusion, our circle meetings would gain immeasurably. Please act on this hint this very week some of you who have never written. What do you think of the woman beautifying the yard? And, don't you think Mrs. Larsen's day is over full? But, come to think of it, Aunt Ruth has been thinking along this line and she comes with questions which I am anticipating:

"I have been thinking lately of women, and there are several questions that are worrying me: First, should mothers allow their daughters to work in the hay field, hoe in the garden and do general out-door work? I say, no; but I am sorry to say I see women doing this very work. Women are homemakers, not haymakers and dairymen. I really pity the poor woman that is living such a life of drudgery. Are there any women that enjoy such work? I don't see why they should; it is man's work. I blush with shame when I see a delicate woman working in the hay field or out in the mud and rain, pailing the cows. Women had far better be playing basket ball or practicing on the piano. Now, girls, don't learn to do this kind of work and it will never be expected of you, and the fathers and lovers will respect you more and love you better. I am speaking from actual experience. If there isn't enough men to do these chores, let them go undone. Now, the next question that puzzles me is why so many tired, overworked women imagine they must meet their husbands or menfolks of the house with a basin of warm water when they come from the field to dinner. Couldn't the men get the water just as easy as the women? Don't understand me to say that I do that way; I never did wait on men like that, and I never will. I do try to have the water pail empty, though, when they come in. I have been to places and have seen young men come in the house and order Sis to get a pail of fresh water, and the mother would compel Sis to get the water, saying Brother was tired; he had been plowing. As if Sis hadn't been working hard all forenoon. There was one more thought, but I fear I have already been tramping on someone's toes."

What about these questions? They appeal to a goodly number in some parts of the country. Suppose we talk about them. And, although, these are extra busy times for fathers and mothers, I wish we might have their views on this matter. If they cannot, or will not take time to write we might still learn what they think. Instead of eating in silence or talking about odds and ends talk about this at table, get the men to express themselves, and then put what they say on paper.

Replies to the questions Mrs. McKerlie asked, or comments upon them, continue to come in. Mrs. Aggie Miller takes up the gauntlet upon behalf of husbands who are misjudged, she thinks:

"I believe there are a great many married women (readers of the Home Department) who would much rather have had Mrs. McKerlie say 'some men' instead of



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514 Walnut Street. - - Des Moines, Iowa.



"man." First, I wish to vindicate the men who work for us, love us and trust us. And if those three terms may not be applied in most cases it is because they are unmerited. I truly believe a man will re-

fect good treatment oftener than a woman. She too often takes all as her due, even resorting to her most popular weapon—hysterics—to command them, which truly and surely will bring about the state of affairs described in Mrs. McK.'s letter. Some fifteen years ago I had the pleasure of hearing Miss Susan B. Anthony speak in Newton, Kan. She ridiculed the women who would stay at home and be tied down by children. She thought a woman's highest ambition should be to get out and fight for suffrage. I think a woman's highest ambition should be a happy home and the love and confidence of her husband and children. The only vote a woman ever cast that amounted to anything was when she cast it for prohibition, and I want every mother and father, too, for that matter, to answer this question in their heart: 'Who has done the most for prohibition, the mother who has raised the man who never takes a drink, or the old maid who casts her vote for prohibition? I have only respect and pity for Miss Anthony; respect, because I believe her to have been honest in her work; pity, because she lived a long life all alone, with no husband or children, thereby missing woman's greatest natural blessing.'

Public speakers are frequently misunderstood and misquoted. Those who are acquainted with the opinions and utterances of the late Susan B. Anthony will be slow to believe her guilty of holding motherhood up to scorn, although her answer to the question propounded by Mrs. Miller might not be quite to the liking of old-fashioned women. If suffrage were not a tabooed subject in our circle I should propound a question to supplement that asked by Mrs. Miller. I should ask whether it is better for a woman to so train one boy that he escapes the perils of the drink traffic or to lend herself to bringing about better conditions for



The above illustration shows the Ziegler Corn Harvester with seat and dropping device. It is made by the New Process Manufacturing Company, of Lincoln, Kan., and sells for the sum of \$14. The same without seat or dropping device sells for \$12. This machine has been on the market for some time and its work has been found eminently satisfactory. A neat folder has been prepared by this company and will be sent upon application to any subscriber of this paper. This folder contains a number of illustrations and also numerous testimonials in which the name and address of farmers who have used this machine are given. The price of this harvester can be saved in the cutting of only a few acres of corn, when the cost of hand labor is taken into consideration. Address communications to the New Process Manufacturing Company, Lincoln, Kan., and state that you saw the advertisement in this paper.

CONGO

The best Ready Roofing made. Its wearing qualities have never been equalled.

It is made from a non-volatile composition that arrests decay and renders the roofing absolutely waterproof and practically indestructible.

Put it on one of your buildings as a trial, and you will cover all the others with it before another season passes.

Write for name of nearest agent and free sample.

Buchanan-Foster Company,
442 Chestnut St., Philadelphia, Pa.

ROOFING

all boys—and yet that is rather a foolish question since the one woman can, and frequently does, do both. But we approach dangerous ground. Let us hear John's Wife, who comes seeking our advice on an important matter:

"John and I are now on the shady side of fifty. For thirty years we have pulled together on the old homestead and our efforts have been well rewarded. We are not rich, and we are, too, for we have plenty and some to spare, and the half dozen boys and girls, equally divided, who call us father and mother, are in themselves untold wealth. We planned to give them all a good education, for we think that whatever talents children may possess will be increased by an education—the more they know, the better able they will be to choose a life work suited to their taste and ability. Charles, the eldest, has chosen the law, and people say of him, 'He is not a lawyer only, but a Christian gentleman also.' The ministry attracted our second boy, and we are glad it is so, for many souls have been uplifted and brought into loving relation with the Almighty Father through his labors. Mary, the eldest girl, married a neighbor's son, and with her little ones around her feet her life is much the same as mine was, only she enjoys the many advantages which the passing years have brought to the farmer and his family. Jeanie graduated this June, and before another summer she will be the wife of a college professor. James, aged eighteen, and Nellie, aged sixteen, have finished the high school course, and if they receive a college education, like their brothers and sisters have, they must be sent away to school. If we send them away we will be alone in the old home, with only hired help to depend upon, and John and I are getting slow, and work that once was easy is now hard. We love the old place; it is like a part of our very lives. Shall we try to run it with hired help, or build a tenant house and lease the ground to a tenant while we live in the farm house, or shall we sell the farm and move away, or sell the stock, tools, and machinery and move to the nearby town, where we can oversee and keep up repairs on it, or move to the city and make a home for James and Nellie while they are attending the university? John and I are lying awake nights trying to study out this problem and decide what is best for us to do before another school year opens. In the years that have gone by the Home Department has helped us solve many knotty problems. Won't you help us now?"

The Flour City

GASOLINE ENGINES

TRACTION, PORTABLE, STATIONARY



KINNARD-HAINES CO.
MINNEAPOLIS, MINNESOTA

THE AUTO-FEDAN

3-Stroke Self-Feed HAY PRESS 2 Men Can Run It.

Satisfaction Guaranteed.



THE AUTO-FEDAN HAY PRESS CO.
1062 Jefferson St., Topeka, Kan.

500 Angora Wethers and 500 Does and Kids

FOR sale. These goats can be used for brushing and the feed and sold for mutton. A few American milk goats. A few bucks. Come and see me or write. Address: **WYATT CARR, Iowa.** Farm 1/2 mile from depot. Telephone 44.

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST
(CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Rock, Milton, Cooper, Williams and Buttar. Also best of home-bred.) The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KELLERTON, IOWA



60 Bushels Winter Wheat Per Acre.
THAT'S the yield of Sulzer's Red Cross Hybrid Winter Wheat. Send 2c in stamps for free sample of name, as also catalog of Winter Wheat, Rye, Barley, Clovers, Timothy, Grasses, Bulbs, Trees, etc., for fall planting. John A. Sulzer Seed Co., La Crosse, Wis.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Aug. 8, J. D. Nidlinger, Decatur, Ind.
Aug. 14, Geo. W. Trone, Rushville, Ill.
Sept. 20, A. F. Russell, Savannah, Mo.
Sept. 25, E. C. Norris, Dows, Iowa.
Sept. 25, Ford Skeen, South Auburn, Neb.
Sept. 26, Peek & Putnam and Lamb Bros., Tecumseh, Neb.
Sept. 27, John Schwalter, Cook, Neb.
Sept. 28, Geo. F. Dorsch, Cook, Neb.
Oct. 1, E. Z. Russell, Blair, Neb.
Oct. 2, S. L. Moore, Cyclone, Ind.
Oct. 3, Watson Bros., Creston, Iowa.
Oct. 3, H. A. Sherwood, Hartwick, Iowa.
Oct. 3, R. J. Harding, Macedonia, Iowa.
Oct. 4, O. E. Osborn, Weston, Iowa.
Oct. 5, Arch Brown & Sons, Waterloo, Neb.
Oct. 6, G. W. Hockett, Manning, Iowa.
Oct. 8th, E. Z. Russell, Blair, Neb.
Oct. 10, F. H. Herring, Iowa City, Iowa.
Oct. 10, T. W. Stoner & Son, Henry, Ill.
Oct. 11, W. S. West, Hannan City, Ill.
Oct. 11, W. A. Foster, Greenfield, Iowa.
Oct. 11, F. M. Erschen, Odell, Ill.
Oct. 12, C. Moore & Son, Kellerton, Iowa.
Oct. 13, Aug. Sonneiland, Harlan, Iowa.
Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
Oct. 15, A. Wilson, Bethany, Neb.
Oct. 15, Claude Huffman, Scranton, Iowa.
Oct. 15, A. L. Finch, Mt. Ayr, Iowa.
Oct. 15, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
Oct. 15, A. J. Epley, Wabash, Ind.
Oct. 16, J. H. Morrison, College View, Neb.
Oct. 16, L. L. Overholser, Diagonal, Iowa.
Oct. 16, H. E. Watson, Edinburg, Ind.
Oct. 16, M. S. Moats & Son, Randolph, Neb.
Oct. 17, John Black, Randolph, Neb.
Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
Oct. 17, Z. T. Grout, Tingley, Iowa.
Oct. 17, T. H. Isaac, Red Oak, Iowa.
Oct. 18, G. Van Patten, Sutton, Neb.
Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
Oct. 18, White & Dewey, Shannon City, Iowa.
Oct. 18, B. R. Miller, Randolph, Neb.
Oct. 19, W. C. Holmes, Osmond, Neb.
Oct. 19, G. Briggs & Son, Clay Center, Neb.
Oct. 19, Geo. R. Manifold, Shannon City, Ia.
Oct. 20, M. Mihills, Norfolk, Neb.
Oct. 20, H. G. Warren, Inland, Neb.
Oct. 20, J. E. Wehr, Portsmouth, Iowa.
Oct. 22, M. W. Greer, Rushville, Ill., will sell at Bushnell, Ill.
Oct. 23, T. E. Laurie at Jacksonville, Ill.
Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
Oct. 25, Balmat & Son, Mason City, Iowa.
Oct. 25, Thomas & Hogsett at Golden, Ill.
Oct. 26, B. C. Marts, Polk City, Iowa.
Oct. 26, Manlove Bros. & Griffiths at Bowen, Ill.
Oct. 27, Cutler, Reil & Cooper at Carthage, Ill.
Oct. 27, J. A. Russell, Corning, Iowa.
Oct. 30, McNeil Bros., Bowen, Ill.
Oct. 31, Fagau, Browning & Hess, Ripley, Ill.
Nov. 1, Ed. A. Baxter, Pawnee, Ill.
Nov. 2, Fred Kraschel & Son, Macon, Ill.
Nov. 3, J. Coy Roach, Girard, Ill.
Nov. 3, Ernest Humbert, Corning, Iowa.
Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
Nov. 14, Stansell & Matern, McNabb, Ill.
Nov. 27, E. A. Olive, Scranton, Iowa.
Jan. 15, S. G. Collicott, Lake City, Iowa.
Jan. 15, A. L. Bergsten, Mount Union, Iowa.
Jan. 16, W. W. Wheeler, Harlan, Iowa.
Jan. 17, McNeil Bros., Bowen, Ill.
Jan. 21, Grant Hockett, Manning, Iowa.
Jan. 22, W. C. Wicks, Manilla, Iowa.
Jan. 22, Hanks & Bishop, New London, Iowa.
Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
Jan. 23, J. A. Smith, Sciota, Ill.
Jan. 24, Stansell & Matern, McNabb, Ill.
Jan. 24, J. E. Wehr, Portsmouth, Iowa.
Jan. 24, Reil & Cooper, Ferris, Ill.
Jan. 25, F. E. Garrett, Lohrville, Iowa.
Jan. 25, N. B. Cutler, Carthage, Ill.
Jan. 28, O. L. Mossman, Polk City, Iowa.
Jan. 29, A. L. Mossman, Radcliffe, Iowa.
Jan. 29, H. B. Griffiths, Bowen, Ill.
Jan. 29, Claud Huffman, Scranton, Iowa.
Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
Jan. 31, Norrish & Bevington, Kingsley, Iowa.
Jan. 31, Thomas & Hogsett, Golden, Ill.
Jan. 31, Raleigh Wilder, Central City, Neb.
Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
Feb. 4, Roy West, Bondurant, Iowa.
Feb. 5, M. W. Greer & Son, Rushville, Ill.
Feb. 5, Sundburg & Olson, Madrid, Iowa.
Feb. 6, W. R. Bennethum, Madrid, Iowa.
Feb. 7, H. S. Allen, Russell, Iowa.
Feb. 7, A. F. Sundell, Paton, Iowa.
Feb. 8, Fred Kraschel & Son, Macon, Ill.
Feb. 8, E. R. Wood, Jefferson, Iowa.
Feb. 9, J. C. Porter, Ogden, Iowa.
Feb. 9, T. W. Stoner & Son, Henry, Ill.
Feb. 9, W. J. Hartung, Maxwell, Iowa, Bred Sow Sale.
Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
Feb. 11, S. F. Freed, Ames, Iowa.
Feb. 12, A. P. Alsins, Boone, Iowa.
Feb. 12, Harry Riffin and C. T. Rogers, at Petersburg, Ill.
Feb. 13, T. E. Laurie, Jacksonville, Ill.
Feb. 13, B. C. Marts, Polk City, Iowa.
Feb. 14, B. W. Hale, Ladonna, Mo.
Feb. 15, Carl Hansen, Herman, Neb.
Feb. 16, H. A. Sherwood, Hartwick, Iowa.
Feb. 18, John Lyden, Beldon, Neb.
Feb. 18, A. E. Poush, Chariton, Iowa.
Feb. 19, M. S. Moats & Son, Randolph, Neb.
Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
Feb. 20, White & Dewey, Shannon City, Ia.
Feb. 20, John Black, Randolph, Neb.
Feb. 20, Dewey & White, Shannon City, Iowa.
Feb. 21, B. R. Miller, Randolph, Neb.
Feb. 21, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
Feb. 22, W. C. Holmes, Osmond, Neb.
Feb. 22, R. A. Tawney, Pierce, Neb.
Feb. 22, W. L. Addy & Son, Parnell, Mo.
Feb. 23, S. R. Murphy, Savannah, Mo.
Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
Feb. 26, Geo. C. Blessing, Homer, Neb.
Feb. 27, John H. Tryon & Sons, Lyons, Neb.
Feb. 28, W. J. Stone, Lyons, Neb.
Feb. 29, Albert McMahon, Craig, Neb.
O. I. C. HOGS.
Nov. 2, O. L. Kerr, Independence, Mo.
SHROPSHIRE SHEEP.
Oct. 4, G. M. Fisher, Battle Creek, Iowa.
Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
HEREFORDS AND SHORT-HORNS.
Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.



Try My Scale 30 Days Free

You need it, Mr. Farmer, Elevator Man or Grain Dealer. Brand new 1906 model **Knolly Pitless Scale**, sold direct from the factory, costs you just half the price of a pit scale. And it's a better scale. No pit with rotting lumber and rusting parts. Accurate as any high priced pit scale. Tested according to U. S. Standard weights. No notes to sign and nothing to pay till you are satisfied. Write for catalogue.

H. C. GUMBEL, Gen'l. Mgr., National Pitless Scale Company,
2011 Wyandotte St., Kansas City, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Aug. 7, W. H. Earles, Milwaukee, Wis.
Aug. 15, H. C. Duncan, Osborn, Mo.
Aug. 16, Flynn Farm Co., Des Moines, Iowa.
Aug. 17, Wm. Smiley, Malcom, Iowa.
Aug. 21, W. R. Jones and D. H. Geimen, Rushville, Ill.
Sept. 7, Combination sale, D. J. Cronin, Mgr., O'Neill, Neb.
Sept. 18, M. L. Logan, Lineville, Iowa.
Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
Aug. 22, Claus Johnson & Sons, P. Hancher, G. Hewlett and T. H. Fisher, Rolfe, Iowa.
Aug. 23, L. Brodsky, Plover, Iowa.
Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
Oct. 2, E. Cosgriff, Clarence, Iowa.
Oct. 4, J. B. Brown, Solon, Iowa.
Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
Oct. 6, A. M. Janes, Lafayette, Ill.
Oct. 9, Ira Cottingham, Eden, Ill.
Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
Oct. 11, J. H. Graham, Spencer, Iowa.
Oct. 12, Clay County Poor Farm, Spencer, Ia.
Oct. 12, Closing out sale, J. E. Parkhurst, Clearfield, Iowa.
Oct. 15, A. J. Graves & Son, Ames, Iowa.
Oct. 16, F. W. Akers, Laurel, Iowa.
Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
Oct. 23, T. A. Davenport, Belmond, Iowa.
Oct. 24, G. J. Mack, Clarion, Iowa.
Oct. 25, C. E. Townsend, Anita, Iowa.
Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
Oct. 30, E. J. Hayes, Hampton, Neb.
Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
Nov. 20, J. W. Leeper, Auburn, Neb.
Nov. 21, W. A. Forsythe, Greenwood, Mo.
Dec. 12, Dr. Chas. L. Marston, Mason City, Iowa.
Dec. 20, J. C. Hardman, Brayton, Iowa.
Jan. 26, John Black, Randolph, Neb.
HEREFORDS.
Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
Sept. 21, J. G. Von Seggern, Wisner, Neb.
Sept. 23, Dispersion Sale, W. A. Merryman, Laredo, Mo.
Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
POLAND CHINAS.
Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
Sept. 22, Dr. Pritchard, Wisner, Neb.
Sept. 27, Jas. B. Turbett, Hanna City, Ill.
Sept. 29, Fred Road, Clearfield, Iowa, and H. Fesemeyer, Clarinda, Iowa, at Clarinda.
Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
Oct. 8, Wurtzel Bros., Beemer, Neb.
Oct. 9, Ira Cottingham, Eden, Ill.
Oct. 10, R. A. Sanman, Glasford, Ill.
Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
Oct. 16, J. H. Wintermute, Blockton, Iowa.
Oct. 17, John Blain, Pawnee City, Neb.
Oct. 19, G. M. Hull, Burchard, Neb.
Oct. 20, A. F. Groves, King City, Mo.
Oct. 20, A. F. Groves, King City, Mo.
Oct. 24, Fred L. Road, Clearfield, Iowa.
Oct. 24, C. Lionberger, Humboldt, Neb.
Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
Nov. 7, W. J. Crow, Webb, Iowa.
Nov. 8, A. W. Holland, New London, Iowa.
Nov. 13, H. Read, Frankfort, Kan.
Feb. 5, Henry Dorr, Remsen, Iowa.
Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
Feb. 11, Jas. Watson, Madrid, Iowa.
Feb. 12, Dan Needham, Woodward, Iowa.
Feb. 19, C. F. Hood, Battle Creek, Iowa.
Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
Feb. 20, A. C. Lanham, Battle Creek, Iowa.
Feb. 21, W. N. Booth, Danbury, Iowa.
Feb. 22, Chas. Cook, Daubury, Iowa.
Feb. 27, W. W. Wheeler, Harlan, Iowa.

ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUCOS AND POLAND CHINAS.

Sept. 14, Combination Sale, J. F. Schoby, secretary, Albion, Iowa.
SHORT-HORNS AND POLAND CHINAS.
Oct. 27, Geo. Manville, Faucett, Mo.
ABERDEEN ANGUS.
Aug. 14, C. H. Gardner, Blandinsville, Ill., at Galesburg, Ill.
Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
Oct. 2, Hewitt Bros., Morning Sun, Iowa.
Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
Oct. 10, Wm. Hansen, Dickens, Iowa.
Oct. 17, W. H. Jones, Quimby, Iowa.
Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
Jan. 16, H. J. Hess, Waterloo, Iowa.
Mar. 7, C. H. Seibel, Paton, Iowa.

Dates Claimed for Live Stock Sales.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
SHORT-HORNS AND ABERDEEN ANGUS.
Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
SHORT-HORN CATTLE AND TROTTER-BRED HORSES.
Aug. 8, Geo. L. Belcher, Carrollton, Mo.
THOROUGHbred HOGS AND CATTLE.
Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
SHORT-HORNS AND POLLED DURHAMS.
Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
PERCHERONS.
Jan. 25, M. S. Moats & Son, Randolph, Neb.
POLAND CHINAS, DUCOC JERSEYS AND CHESTER WHITES.
Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.
SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
Oct. 22, L. C. Reese, Prescott, Iowa.
POLLED DURHAMS.
Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.
SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
STANDARD BRED AND DRAFT HORSES.
Sept. 26, McNeil Bros., Bowen, Ill.
DUCOS AND SHORT-HORNS.
Oct. 27, A. P. Alsins, Boone, Iowa.

FIELD NOTES.

Messrs. Wurtzel Bros., of Beemer, Neb., claim October 8th as the date on which to hold a sale of Poland China swine.

Mr. I. C. Welch, of Bedford, Iowa, has a good crop of Duroc Jersey pigs for sale and he is making special prices to those who order right away.

Mr. S. W. Harr, of Riverside, Iowa, is offering Scotch terrier puppies from recorded parents for sale in his advertisement which appears on page 18 of this issue.

Remember Mr. G. L. Belcher's sale of Short-horns and trotting-bred horses will be held at Walnut Ridge Stock Farm near Carrollton, Mo., on Wednesday, August 8th, next week.

Two fine stock farms located in Franklin county, Iowa, one containing 300 and the other 240 acres, are offered for sale on easy terms by Mr. A. L. Stuntz, of Greene, Iowa, in his advertisement that appears on page 10.

Look up the new advertisement of Messrs. McNeil Bros., of Bowen, Ill., on page 18, and either write them or inspect their herd. They can supply the most discriminating buyers of Duroc Jerseys at reasonable prices, as they have one of the best herds of the West. Kindly mention The Homestead when writing.

Mr. Geo. Allen, of Lexington, Neb., starts his Shropshire advertisement in this week's issue and he has a grand lot of rams for sale. The Allen flock has been one of the leading winners in America and no one has better sheep than he. If you want a ram or a few good ewes it will pay you to write Mr. Allen. See page 18.

Mr. Harry Riffin, of Petersburg, Ill., has an announcement on page 18 of this issue which will be of interest to Duroc breeders. The International champion, Gold Finch, heads the herd and the female portion is unusually good. The spring crop of pigs by Gold Finch will please discriminating buyers. Write your wants, kindly mentioning The Homestead.

Mr. W. A. Rankin, of Carson, Iowa, starts his Duroc Jersey advertisement with this week's issue on page 22. He has a grand lot of pigs this year, sired by Ohio Chief and a son of Gold Dust Jim, besides a number of litters by other well-known boars. He would be pleased to hear from anyone wanting a good boar pig, as he can fill his order and do it to the satisfaction of the purchaser.

Messrs. H. B. Moats & Son, of Villisca, Iowa, are with us again this season with a lot of high-class Poland China pigs. The most of this season's crop are sired by Shamrock 34571, a son of Perfect Perfection. This great breeding boar is a grandson of Chief Perfection 2d on both sire and dam's side and he is one of the best breeding boars ever used in the Moats herd. The present crop of pigs are mostly out of Perfection E. L. and G's Perfection dams. They also have pigs by the last named boars. Those who are looking for herd headers of

PILES

FISTULA--NO MONEY TILL CURED

MR. E. O. WASSER, OF DEEP RIVER, IOWA, WRITES: "You can have all kinds of testimonials from me, for I feel very grateful to you for curing me of Prolapsus. I am now sound and well. Think I was with you about three weeks under treatment."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....
Town..... State.....

high quality can get them of the above firm. Write your wants to them and they will quote you prices and tell you just what they have.

Mr. Henry Dorr, of Remsen, Iowa, one of the foremost breeders of Poland Chinas in northwest Iowa, is on deck again this season with a grand lot of fall and spring boars which he is ready to price and to ship at any time. He is one of the breeders that raise good, practical Poland Chinas, of the money-making kind. He has the quality, as well as size and bone, and he prices them within reach of all. If you send Mr. Dorr an order you will be pleased with what he sends you.

Mr. J. T. Elerbeck, of Beatrice, Neb., starts an advertisement with this issue. This gentleman breeds the large, roomy type of Poland and his hogs have plenty of quality with size. The herd boars, Logan B., by Logan Chief, and King Do Do Jr., by King Do Do, are both good breeders. Each sire has a string of pigs that are worthy of notice. Any breeder in need of good strong Poland to add to his herd to give more size and vitality could not go wrong by looking into this herd.

Mr. W. J. Wendt, of Marcus, Iowa, has 200 Duroc Jersey pigs to select from, and the man that cannot get a herd proposition from among the number is indeed hard to please. These are sired by Wendt's Choice, Lottie's Top Notcher. He also has pigs by a son of Crimson Wonder and other good boars. Mr. Wendt has always priced his pigs within reach and his stock has always given good satisfaction. He can sell you a boar and a few gilts not akin, and he don't ask the earth for them, either. Try him with an order.

Mr. W. W. Wheeler, of Harlan, Iowa, writes: "I have decided to sell my Poland China herd boar, Surprise Wonder 5th 103067, bred by Mr. Peter Mouw, of Orange City, Iowa, and farrowed November 20, 1904. He was sired by Surprise Wonder 4th 59893 by Surprise Wonder 3d 50633 by Surprise Wonder 41563. Dam Miss Longfellow 223586 by Chief Price 61861 by Grand Chief 28013. This is a large, massive fellow in good, thrifty condition and a great sire. I have a splendid crop of pigs from him and if anyone wants size and bone they can get it in Surprise Wonder 5th."

Mr. A. F. Graves, of King City, Mo., claims October 20th for his sale of Poland China boars and gilts. Mr. Graves' Lyndale herd has not as yet been brought prominently before the public, but the lovers of good Poland Chinas who like the easy-fleeting sort that raise big litters and are bred right will find them in the Lyndale herd. Over 100 head of spring pigs have been saved and for quality, growth and usefulness they are great. Some desirable fall males are being priced worth the money. Write Mr. Graves if you want a fall male and kindly mention this paper.

Elsewhere in this issue will be found the announcement of Messrs. Mack Stevens & Sons, of Iowa City, Iowa, who are breeding the choicest strains of large, heavy-boned Chester White hogs, possessed of great length and heads that are short and broad, indicating great feeders. This firm have been very successful in saving a large per cent of the pigs farrowed, and can on this account make attractive prices to the prospective buyer. Their trade through this journal has in the past been eminently satisfactory. This season finds them in position to furnish better pigs than heretofore.

Those who are looking for Ohio Chief pigs will find them in the herd of Messrs. A. L. & U. S. G. Lynch, of Mt. Airy, Iowa. This firm first came into prominence because of the fact that they bred Ringleader, one of the boars that heads the herd of Mr. L. L. Overholser. Ever since they have endeavored to breed the good ones and have therefore purchased some of the very best brood sows. They now have eighty-five pigs on the place sired by Ohio Chief, Alix Pride, Iowa Lad and Brilliant Advance. The boys have one of the best lots of pigs ever raised in their county and they are pricing anything they have. They have a good litter of Ohio Chief pigs. First come first served. If you want one of these write them at once and mention The Homestead.

The veteran Berkshire breeder, Mr. T. J. Congdon, of Pawnee City, Neb., is again out with as strong a lot of this breed as he has ever raised. This herd of hogs has won recognition all over the country. The owner is one of the most reliable men in the hog business. His last dealing has won him many new customers. The herd is well represented with the blood of the cream of the best families. The great show boar, Charmer's Duke 20th, is still doing service in this herd. This hog has been shown at the Nebraska State Fair a number of times and is yet to be defeated. The Congdon herd has furnished many good herd headers and many are noticeable in the herd at this writing. You can feel safe in placing a mail order with this gentleman. Look up his advertisement on page 18 and write him.

On page 21 of this issue will be found the card of Messrs. Hanks & Bishop, of New London, Iowa. Nothing but red hogs at this place, and only first-class individuals at that. The writer recently saw these pigs and pronounced them good ones. Messrs. Hanks & Bishop never push their pigs, but allow them to come on gradually, as is best, to produce vigorous, healthy animals. Growth and bone are the chief essentials to all good stock, and in this they have been very successful. Boars are now ready for sale, sired by the following individuals: Proud Advance, Top Notcher Again and others of merit. Top Notcher Again is the boar that won first and championship at the Indiana and Illinois State Fairs in 1903. That is enough said. His get are just what they ought to be. Better look over the card and write for any other information desired.

These breeders will be ready to ship at any time, satisfaction guaranteed. Kindly mention The Homestead when writing them.

The Ardmore Stock Company, of Ilostein, Iowa, have about 150 Berkshire pigs on hand this year sired by Royal Majestic, St. Patrick of Ardmore, Royal Improver and Premier Duke. They are now hooking orders for boars and sows and any of our Berkshire friends who want a good boar or a few good sows will do well to get their order in as soon as possible.

With this issue appears the advertisement of Messrs. Wm. Ray & Son, DeLance, Iowa, breeders of the up-to-date Poland Chinas. They have about forty-five boars for sale, ranging in age from spring pigs to tried herd boars. They have pigs by the World's Fair boar, Meddler, and by the Iowa State Fair sweepstakes winner, Impudence, as well as a number by Dakota Chief 2d, R.'s Perfection and Perfection Grand. If you want a Poland China boar it will pay you to correspond with Messrs. Ray at once. Their prices are within the reach of everyone, and they have some right good boars for sale.

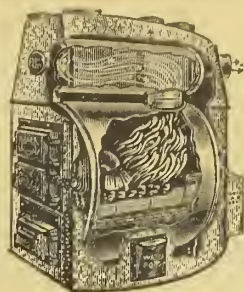
Wineland Durocs have made a very good growth and are now ready for shipment. Mr. H. C. Young, of Lincoln, Neb., owner of the above herd, has instructed us to announce that the pigs will be priced worth the money. The herd is headed by Auction Boy 3d, Queen's Won't Be Beat, Improver Lad by Improver 2d, and Long Wonder by Crimson Wonder. The crop of spring pigs will number about 120 in all. These are well bred, as you will see by looking up his advertisement on page 21. Wineland farms are located a short distance from Lincoln, Neb. Visitors are always welcomed to this farm. Write Mr. H. C. Young.

Mr. U. G. Davidson, of Manson, Iowa, writes that he has for sale a gilt with a litter of five pigs by Crimson Wonder I Am. These pigs were saved from a litter of nine farrowed July 13th. The gilt is a granddaughter of Orion and is a very fair individual. The first \$45 takes her and litter, and any one of the pigs will bring the price by January 1, 1907. Mr. Davidson also has a fall yearling, another granddaughter of Orion of splendid individuality, bred to Crimson Wonder I Am for August farrow, for sale at the low price of \$50. Crimson Wonder I Am was the sweepstakes boar at the Iowa State Fair last year, and is without doubt the most typical living Duroc Jersey boar. Write Mr. Davidson in regard to these sows and mention The Homestead, or better still, visit his herd and see them. See advertisement on page 22.

With this issue begins the Duroc Jersey advertisement of Mr. Wm. Malcolm, Worthington, Minn. Mr. Malcolm's herd is one of the best in Minnesota, and last year he won eight first and eight second premiums at the Minnesota State Fair, as well as all the sweepstakes. He also got second on herd bred by exhibitor, all herds competing. He has 110 pigs out of Malcolm's Model, Proud Advance and Tolstoy sows. He has used a grandson of old Top Notcher, and a son of Crimson Wonder I Am at the head of his herd. Mr. Malcolm's prices are right and he can be depended upon to send you good stuff. We take pleasure in not only recommending his herd, but also in recommending the man. He will send you just what you order or return your money. Write him if you are in need of a boar or a few good sows.

Mr. M. E. Slemmons, of Iowa City, Iowa, who has for many years sold all his Cruickshank and Scotch bulls through The Homestead, now changes his announcement, as will be seen by reference to page 20. He has three exceptionally good Scotch bulls for sale. Two in particular are choice and all are red in color. Two of these bulls are Orange Blossoms, but the one eighteen months old is an Avalanche. The older one is a fine prospect for a choice herd bull and is well enough bred to be used on any herd in the land. He is also a fine-shaped bull, and has a good bull's head. The September calf is no less than a show calf in any company, and it has been some time since Mr. Slemmons produced his equal. The third bull is solid red and is also an Orange Blossom, but is not quite so good as the two previously mentioned, hence will be sold for less money.

Mr. G. S. Hamaker, of Pawnee City, Neb., a Poland breeder of several years' experience, has one among the good bunches of pigs seen by the writer this year. Mr. Hamaker has not been slow to appreciate the growing demand for the larger type of Poland, the kind that are prolific, heavy boned and easy feeders. Several years ago this breeder, like many others, quit the Poland Chinas when the smaller type of that breed was at its height of popularity, turning his attention to the breeding of the large Berkshire, discarding these a few years later in favor of the Chester White, which he successfully bred for a few years, but finally discarded and returned to his first love, the Poland China, of which he has always been an ardent admirer. Inspecting this herd one will at once recognize the skillfulness of the breeder, both as a breeder and a feeder. The herd boars in the herd are Brilliant Chief 40743 and J.'s Chief 41061. Brilliant Chief is a fall yearling, a large, massive fellow, heavy boned with lots of quality and nice head and ear. He is a descendant of such well-known boars as M.'s Black Chief, Corwin Medium and Midway Chief. J.'s Chief is by Johnson's Chief and out of a sow by Major Blain by Blain's Tec. This breeding is too well known to need further comment here. J.'s Chief was recently sold at a long price to Mr. Bales, of Martinsburg, Neb. If this fellow was fitted for show he would stand a good chance of duplicating the honor of his sire. These two boars are



HEAT YOUR HOUSE STORE, CHURCH or SCHOOL HOUSE WITH

Bovee's Compound Horizontal

THOUSANDS IN USE. **Furnace Radiator** 11 YEARS on the MARKET.

BURNS ANY KIND OF FUEL.
Having BOVEE'S Improved Hot Blast Ventilating System and Return Circulating Radiator, which gives perfectly pure air and saves One-Third of the Fuel. Any handy man can properly install one of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first-class. We can save you 40 per cent on the cost of your heating plant, our price being but little more than good stoves. Send for catalog. We have the largest and best line of furnaces in use, including our Celebrated WATERLOO Furnace, complete for..... **\$43**

Manufactured and Sold by the
BOVEE GRINDER & FURNACE WORKS, WATERLOO, IOWA

sires of the bulk of the pigs. Although we saw some good ones by King Do Do by Expansion. The spring crop of pigs numbers about seventy-five head, mostly of March farrow. The dams in the herd are by such well and favorably-known boars as Johnson's Chief, Major Blain by Blain's Tec., King Do Do by Expansion and Blain's Tec. 2d, and others. If you are in the market for good Poland Chinas of the larger type call on or write Mr. G. S. Hamaker, at Pawnee City, Neb.

Mr. S. I. Welch, of Cherokee, Iowa, begins his Duroc Jersey advertisement in The Homestead this week on page 22, and has about ninety pigs which he will take pleasure in pricing at any time. His pigs are sired by Baughman, a grandson of Proud Advance, Péciles Jr., Cronji Boy and Lottie's Top Notcher. He also has two litters by Dandy King out of a Leo Tolstoy sow. One of his best litters is by Baughman, among which are some exceptionally toppy pigs. Another good litter is by Cronji Boy. There were ten farrowed and nine raised, and they are all that could be desired. These pigs are all cherry red, and we have never seen as good a bunch of pigs on his farm as he has this year. Mr. Welch is a popular-priced breeder and always intends to price his pigs so that the other fellow will make a dollar on them. Write him if you want a boar or a few good gilts.

CRUICKSHANK BULLS FOR SALE.

If any of the readers of this paper are looking for a Short-born herd bull they had better write to or go and see Mr. C. C. Norton, of Corning, Iowa. He has a splendid lot of young bulls sired by Imp. Bapton Admiral and Banker's Victor that are good enough to head any herd in America. If it is a high-class bull you are after here is where you will find it. Write Mr. Norton or go and see him at your earliest convenience.

LONG'S BIG-BONED POLAND CHINAS.

Mr. F. H. Long, of Manning, Iowa, begins his advertisement in this week's Homestead and is offering a good bunch of big-boned and stretchy boars for sale. These are nearly all sired by his 900-pound boar, Monarch Jr. 37630, and are out of his largest brood sows. Mr. Long breeds the "big fellows" and if our readers want that kind they will find them in his herd. Write him and tell him what you want and if you want the kind that win over the scales he has them. See page 18.

A VETERAN DUROC BREEDER.

Every breeder of Duroc Jerseys should know Mr. Thos. Bennett, of Rossville, Ill. He was the man who recorded the first Duroc Jersey hog in America and has been one of the best breeders of the Duroc Jersey in the corn belt. From this herd many of the greatest show and breeding boars of the breed have descended. Mr. Bennett has always bred good stock and the spring crop of pigs, numbering about 150 head, are of the best and most useful type to be found anywhere. Breeders or farmers wanting a good boar or some extra good gilts will do well to write Mr. Bennett at once as per the advertisement on page 18 of this issue, kindly mentioning The Homestead.

BARBER'S PREMIUM CHESTER WHITES.

In this week's issue appears the Chester White advertisement of Mr. J. L. Barber, of Harlan, Iowa, who owns one of the best herds of white hogs in the state. He has a grand lot of spring pigs this year numbering about 150 head. These are sired by Jerry S., the second-prize boar at Des Moines in 1905; Captain, the first-prize boar at the Iowa State Fair in 1904, and Bully Boy. He has thirty head of fall hogs and sows sired by Advance 2d. Mr. Barber has one of the good prize-winning herds in the state, and he can furnish boars and sows at any time. Everything on the farm comes from prize-winning ancestry, and he has one of the best crops of pigs we have seen this year. Send him an order and mention The Homestead.

THE BELLOWES BROS. SHORT-HORNS.

Good things can reasonably be expected from the herds of Short-horns owned by Messrs. Bellows Bros., of Maryville, Mo., but it is indeed doubtful if the many who have visited there within the past few years can imagine much better things than have been produced there in years past. But that there is an improvement is sure. Perhaps the only mistake that this firm has made was when the bull, Hampton's Model, was sold in their 1905 sale. He had been used on a few cows, and the resulting offspring would, could he see them, make the South American gentleman who now owns Hampton's Model feel that he had bought a great bargain in this bull. Hampton's Best has a string of youngsters to his credit this year that have never been excelled in the history of this great sire. When the Choice Goods bull, Good Choice, was purchased, Messrs. Bellows made no mistake. He is rightly named, as it was surely a good choice. He is developing wonderfully well,

carries his thickness from end to end and his get show him to be a sire, probably the equal of the great Choice Goods. Messrs. Bellows' herds are in fine condition, the young things promise well and a visit to their farms pays the visitor well, whether he buys or not. That this is so is because Messrs. Bellows are cattle breeders and are breeding cattle regardless of fancies or fads. They are men who, when the time comes to retire, wish to be known in the history of the breed as improvers.

PETERSON'S DUROC JERSEYS.

One of the coming young breeders of Durocs is Mr. W. A. Peterson, of Lyons, Neb., and he comes forward this year with a splendid crop of pigs. He has been a buyer of some of the best sows from the Manley herd and also owns their old herd boar, Dandelion. This boar produced some of their leading winners and he has done good service in the herd of Mr. Peterson. He writes of his present crop of pigs: "My pigs have been doing nicely and my Dandelion pigs of March farrow are good, long fellows, low down and good bone. The April pigs are from a son of Orion and are doing great growing. They, too, are good boned and lengthy. You can tell them that if they want any pigs with Dandelion's massive bone and spring of rib it is now perhaps the last chance to get it in his blood." See page 21 for advertisement.

BRIDGFORD & NESBITT'S POLAND CHINAS.

Messrs. Bridgford & Nesbitt, of Aledo, Ill., the well-known firm of Poland China breeders, have a new announcement on page 18 of this issue which should interest readers of The Homestead. This firm have shipped a great deal of stock to our readers. Mr. Nesbitt until last year being in the Poland China business by himself. The partnership was formed at that time, Mr. Bridgford being one of the leading citizens of western Illinois and a large land owner. His father, Mr. O. A. Bridgford, of Aledo, Ill., has been identified with the thoroughbred business for over thirty years. In our future issues we will have more to say regarding the herd in detail. Those who are in the market for a good fall boar of show-yard type, or a spring boar of exceptional value will do well to write this firm at once for prices and descriptions, kindly mentioning The Homestead.

THE MINNESOTA HERD DUROC JERSEYS.

Mr. Harmon Gruver, of Brewster, Minn., starts his advertisement in The Homestead with this issue and announces that he has a good yearling sow for sale, bred to farrow August 30th. He also has an excellent crop of boar pigs for sale, among which are some herd headers. In writing of his present crop Mr. Gruver says: "My pigs have done nicely and I expect to be able to furnish as good stuff for the trade as I have in the past and my winning at the fairs would indicate that I have raised some good ones." Mr. Gruver has been one of the leading winners at the Minnesota State Fair, as well as at the International at Chicago, and he always gets his share of the ribbons. He has some good things to offer the boys this season and we suggest to our readers that they write him and get his prices. He can suit you both in the price and the pig. See advertisement on page 22.

TRONE'S DUROC JERSEY SALE.

A Duroc Jersey sale of unusual importance is that of Mr. Geo. W. Trone, to be held at Rushville, Ill., on Tuesday, August 14th. Mr. Trone is one of the oldest breeders of Durocs in this country and probably has won more ribbons at the leading shows than any other breeder. He owned the celebrated Oom Paul, a boar which had more first and sweepstakes ribbons to his credit than any Duroc boar living or dead. Gold Finch was another good boar which Mr. Trone owned and used with great success. He now heads the herd of Mr. Harry Riggins, of Petersburg, Ill., where he has bred some very good stock. Gold Finch was a winner at many of the strong shows of this country, his last winings being at the International in 1903, where he won sweepstakes. The combination of Oom Paul and Gold Finch blood has proven productive of very good results, as will be evidenced by the extra good lot of stock consigned to this sale. Mr. Trone has at the head of his herd four of as good, if not the best, boars that the writer has seen this year. They are Toko Paul 37819, the sensational boar of 1905. At the Iowa State Fair this boar caused much comment. His unusual size and quality, combined with his rich blood lines place him in the front rank of America's Duroc boars. Much of his get are to be found in the offering. The sire of Toko Paul was the noted Oom Paul. Another boar of unusual merit is Kruger II. 44013. He is a full brother to Kruger, the World's Fair winner. His sire is Gold Finch and several of his get are found in the lot, which Mr. Trone invites breeders to inspect and purchase at their own figures. Another

son of Gold Finch which cannot help but bring forth much favorable comment is Ninety-Mile. He will be retained in the herd, as his get are showing up nicely. The fourth herd boar which Mr. Trone is using at the head of his herd is Ring Worm. He was farrowed June 20, 1905, and is a grandson of Orion II. An examination of his pedigree reveals a combination of the blood of Oom Paul, Gold Finch, Dewey, Trone's Hero, Colonel F., Washington, Orion and Orion Chief. In our next issue we will have more to say regarding this offering individually, but would suggest to our readers that they write for catalog at once, kindly mentioning The Homestead.

W. T. GARRETT & SONS SELL POLAND CHINAS ON SEPTEMBER 25TH.

Messrs. W. T. Garrett & Sons, of Maryville, Mo., claim Tuesday, September 25th, for a sale of Poland China sows and boars. For this sale Messrs. Garrett will select from their large herd some twenty or twenty-five boars of both fall and spring farrow. An equal number of sows of fall and spring farrow will be sold. For about thirty years past Mr. Garrett has bred a type of hog that has been both profitable to him and his patrons. Fancies and fads have been ignored and as a result Messrs. Garrett have a uniformity and a type of hog that is seldom equaled and never excelled. The blood lines represent such strains as have been most reliable. In future issues more will be said of Messrs. Garrett's herd and their offering. Those wanting the time-tried and reliable Poland China will do well to make note of the sale date and be on hand. HOAG'S TOPPY POLAND CHINA BOARS.

Any of our readers who want a royally-bred Poland China boar pig should read the advertisement of Mr. J. C. Hoag, of Manson, Iowa, in this week's issue of The Homestead. He has a choice lot of spring pigs this season sired by Robert J. and Keep Alert, two of the very best sons of the noted prize-winning boar, Prince Alert, and he has a few litters by Manager, a son of the great Meddler. Mr. Hoag also has some good pigs by Shake Hands II. and by Iowa Chief. One of his neighbors, Mr. John Moore, has an excellent spring boar by Manager that may be seen at the Iowa State Fair this year, and he will not hurt the reputation of his sire as a breeding boar. Mr. Hoag will price any of these spring pigs, and we can say to Homestead readers who want a well-bred boar and one that has a future, they can't do better than to go and see this bunch. They are strictly all right. Write Mr. Hoag or go and see the pigs, and kindly mention The Homestead.

W. Z. SWALLOW'S POLAND CHINAS.

The name of Mr. W. Z. Swallow and Pioneer herd are synonymous. Mr. Swallow has been located about a mile and a half from Booneville, Iowa, some forty years, during all of which time he has been breeding Poland China hogs; in fact, at the commencement of his career as a breeder of this famous strain it had not yet received the name of Poland China, but was known as the McGee, Moore or Miami Valley hog. However, Mr. Swallow had this strain, that was afterward named Poland China, several years before the records appeared. The writer of this article was also breeding this same strain during these years prior to the record; hence, can speak knowingly concerning the proprietor of the Pioneer herd, who is beyond question the oldest breeder in the state of Iowa of the now far-famed Poland China. Mr. Swallow has never missed exhibiting at the Iowa State Fair since 1873, and for many years before that exhibited at the county and district fairs. Some of the most prominent Poland China boars that ever lived were his property, and when any breeder purchased a better one Mr. Swallow was sure to buy some of its progeny. As a successful exhibitor Mr. Swallow's name stands unparalleled. There is probably no other western breeder that has furnished the foundation stock for so many herds as has this old-time breeder. He has at this time 100 pigs for the season's trade of March and April farrow, sired by the great boars,

You cannot be well unless your stomach and bowels are right.
The thing to right them is
At your druggist's.

Jayne's Sanative Pills

Perfect Keep On and Prince Alert 2d. The most fashionable strain of blood extant can be found in Mr. Swallow's herd at the present time. He is a thoroughly reliable breeder with whom to do business and the Homestead heartily recommends him.

CORN BELT YORKSHIRES.

On page 15 of this issue will be found the advertisement of Mr. James Atkinson, of Des Moines, Iowa, who is an extensive breeder of Yorkshire hogs. Mr. Atkinson started with the best foundation stock obtainable some years ago and has been using extra good males ever since. His herd throughout this year averaged better than eleven living pigs per sow. His plan is to sell only his best males and females for breeding purposes and the balance he fits for the meat market. He has had no difficulty whatever in reaching the weight of 250 or 275 pounds on a carload lot by the time they are nine months old. Mr. Atkinson's Yorkshires have strong bone, good length and depth of body and withal plenty of finish. He certainly has a profitable type of this noted corn belt breed. He is also offering some richly-bred Chief Perfection 2d Poland Chinas. For something good in either of these breeds address Mr. James Atkinson, Des Moines, Iowa.

CLOVER BLOSSOM DUROCS.

One of the good herds of Indiana is owned by Mr. I. J. Lorton, of Union City. He has always aimed to keep good stock and although he has not the numbers to be found in other herds, he has the quality. His principal herd boar is I. J.'s Chief 45747. This boar took first prize in aged class at Indiana State Fair in 1905 and is the sire of many of the good ones to be found in the herd. The other herd boar in use is Col. Perfection 40575. Mr. Lorton has used this boar with much success and while he is offering him for sale, it is through no fault, but simply because he cannot afford to own two boars in a small herd. The writer representing The Homestead has seen this boar and is pleased to recommend him to any breeder wanting to make a show in the yearling classes. He is an excellent breeder, as will be seen by his pigs, many of which are offered for sale at this time. Write for further particulars, as per the announcement on page 19 of this issue, mentioning The Homestead.

AN ANGUS CENTER.

Scattered around the town of Maryville, Mo., are probably more herds of good Angus cattle than can be found in any one vicinity in America. These breeders (six in number) have worked together, built their various herds on solid foundations and improved them from time to time until today they have such a representative lot of cattle that attention of the breeding fraternity is directed toward Maryville when Angus cattle are wanted. A representative of this paper recently visited among these herds and saw many show cattle that will be out this fall. These will come from the herds of Messrs. C. D. Hooker & Son, Omer Catterson and Davis Bros. The other breeders around the thriving town of Maryville are Messrs. G. W. Fink, J. B. Robinson & Co. and W. W. Andrews, all owning exceptionally good herds founded on good families. It is generally regretted that Mr. Andrews will, on September 17th, disperse his herd, and the doddies lose one of the standbys of the fraternity in this section. Those wanting Angus cattle can do no better than to visit these herds, as the six herds can be visited at one trip. All live within easy distance of Maryville and any one will take pleasure in showing his own or his neighbor's cattle.

THE WM. SMILEY SHORT-HORN SALE.

The Homestead is pleased to call attention to the public sale of Short-horn cattle, the property of Mr. Wm. Smiley, of Malcom, Iowa. This sale will be held at Mr. Smiley's farm on August 17th, the day following the big Short-horn sale at Flynn Farm, near Des Moines, on the 16th. The offering embraces forty-six head of choice Short-horns, a large per cent of which are Scotch. We might add that it is practically a dispersion sale. A number of years ago Mr. Smiley purchased several Scotch cows of the Narcissus family, all coming through the great Crookson cow, Imp. Narcissus by Barmpton. The imported cow was bred by Mr. Amos Cruickshank, of Sittytton, Aberdeenshire, Scotland, and was imported in 1833. She belongs to the celebrated Cruickshank Flora family. From this family the Cruickshanks have probably grown as many noted animals as any other family in their herd. The great bull, King James, was of this famous family. In this offering there are eight head of the Narcissus. A choice bull will be found in the offering called Melba's Victorious. His dam was Imp. Melba and his sire the splendid Victoria bull, Victorious, owned by Mr. S. C. James, at New Sharon, Iowa, in whose hands he made a great reputation as a breeder. He is a solid red, three years old and in good shape to do a lot of hard service on some good herd. Another choice bull is Bruce Nonpareil, winner of second prize at the Iowa State Fair as a yearling in the Iowa class. He has been used as a herd bull with splendid success and he is sure. Out of twenty head of heifers bred to him, only one has returned. Another good bull has the euphonious name of Good Size 255834. His dam is Loudon Duchess of Oak Row. As evidence of the real intrinsic merit of the Narcissus family we should add that Mr. Smiley, after using a Narcissus bull, was able to show steers at such shows as Des Moines, Hamline, Kansas City, Chicago and at the World's Fair in St. Louis, and has in his possession over 100 ribbons of the following values: Ten purple, thirty-eight blue, twenty-eight reds, fifteen whites, six fourths, three fifths, which we must admit is a splendid showing at the fat stock shows for the past four years. Mr. Smiley has been pre-eminently a steer feeder, yet the chief end of all cattle is the block. Hence the man who has the right idea of the correct feeders' type must of necessity be possessed of that keen, rare judgment that dictates what the proper breed should be. These cattle will be in nice

breeding condition. At this date most of the females are on pasture and will not be over-loaded with flesh other than the natural flesh acquired principally on grass. This certainly will be a choice opportunity not only to secure some good Scotch cattle, but some splendid Scotch-topped as well. The catalogs are now ready for distribution and may be had for the asking by addressing Mr. Wm. Smiley, at Malcom, Iowa, and mentioning The Homestead. See page 19.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

Messrs. Norrish & Bevington, of Kingsley, Iowa, are offering three good Duroc Jersey boars for sale in this week's issue of The Homestead. They will now sell their show and breeding boar, Pericles II., and they have the following to say: "We would like to dispose of Pericles H. and one yearling boar by Defiance by Reed's Model by Morton's Model. He is not large, but is good all through. We also have a fall boar, not fancy, but very smooth and strong, by Pericles H. and out of Fredonia III. Our old hog, Pericles H., is in fine condition and if crowded from now until September would make as good a show as he ever has. Cedar Lawn Model is coming along nicely and we were offered the modest sum of \$100 for him, which, of course, we refused. We expect to show a few at Sioux City. We are pricing these boars right and we think they are worth all we ask. We also think the yearling and the old hog would not look bad in some herds." One thing about the above firm is their modesty, and anything they say about these boars can be relied upon. Some of our readers who want a Duroc Jersey boar should write them at once.

HOFFMAN'S DUROCS.

That veteran Duroc Jersey breeder, Mr. H. H. Hoffman, of Washta, Iowa, is to the front again this year with about seventy-three spring pigs. Mr. Hoffman does not aim to breed as many as some of the boys, but what he does raise are always a credit to his efforts as a painstaking, discriminating breeder. His present crop is sired by Achiever 41219, a son of Chas. Blythe, a boar that was used with much success in the herd of Mr. Sol Frank, at Sioux City. This hog is now in use in the herd and is proving a most excellent breeder. He also has Gaytee 41215, a son of Delay, and he has two nice litters by him. He has two litters by Bon Bon, a boar used in the herd, but now sold to another breeder. His grand old brood sow, Paulette, by Pericles has seven choice pigs by Gaytee. This old sow never fails to raise a good litter and this year is no exception to the rule. He has three boars and four sows out of her this year, and they are among the very best he has. Octavia Hill 2d, a daughter of old Tolstoy, and one of his best producing sows, has six good, growthy, stretchy, well-developed pigs by Bon Bon, while Taylor V., a sow familiar to every breeder who has paid his herd a visit in recent years, has a nice litter of six pigs by Gaytee. We simply make mention of these three litters, but Mr. Hoffman has others equally good and will develop into good hogs as time goes on. There is no more painstaking breeder in the state than Mr. Hoffman and we unhesitatingly say none more reliable. As a judge he stands at the top, having been called upon to pass upon the different breeds at some of the leading fairs, and has always been considered a fair and impartial judge. He holds an expert certificate on the four leading breeds, and is therefore in position to describe an animal minutely to intending purchasers. His present crop of pigs are growthy and well developed, and it will not be a difficult thing to make a selection. We can recommend Mr. Hoffman and his herd to anyone who is looking for something worth the money, and who favors a square deal when buying the same. Kindly write him and mention The Homestead.

A GREAT LOT OF PRIZE WINNERS.

The advertisement of Messrs. J. M. Morrison & Sons, of College View, Neb., has been changed this week and you should look it up and see what they have to offer. The Duroc hog has made rapid strides in the last few years, and we must say that they are today up to the front row in breeding, as well as being ready sellers. The well-known herd of Durocs owned by the above named firm is one that gained recognition in some of the best shows of the breed. These gentlemen, in securing the foundation stock did not stop on a few dollars, but instead purchased the best wherever they could. Today we feel safe in saying that this herd has as many, if not more, prize winners than any herd in the world. The success of the business is not coming your way unless you do your part. The firm of Morrison & Sons have always tried to please all and the class of Durocs raised by this firm have been in demand. The last sale held by this firm was a record breaker. The average of \$135 was one that will probably stand for some time. The offering as a whole proved satisfactory in almost every case and this indicates that these gentlemen have the right type, as well as having the blood lines that are in demand. One of the latest purchases by this firm was the buying of the great show and breeding hog, Kan't Be Beat. This animal has a string of winnings that will make his name known forever. He was purchased from the Watt & Foust herd and will hereafter be used in the herd of royally-bred Durocs owned by Messrs. Morrison. This grand hog was shown fifty-eight times and received fifty-seven firsts and sweepstakes for his showing. This hog used on the class of sows in the herd should surely prove an exceptionally good cross. In reviewing the list of sows in part, we find Bessie H., sweepstakes sow at Nebraska in 1903; Alia 2d was first and sweepstakes at both Iowa and Nebraska in 1905; Van's Lady was first-prize sow at Nebraska in 1903; Sutton Lady was second-prize winner at Iowa and Nebraska in 1903; Village Pride was first in litter at Nebraska and Iowa. Miss Bob was not a winner herself, but produced Dan Patch, a third-prize winner at St. Louis, as well as having some winners last year. Parnell B. is among the sows

that have produced winners. Fashion was produced by Victor Banner. This sow is still doing service in this herd. Now, in reasoning, can anyone come out and doubt this herd? The goods are at your door. Don't miss out in some of the good things. Part of the grand lot above mentioned have litters by the great boar, Ohio Chief, and others sired by Morrison's Bell Top and Red Knight (sweepstakes boar at Nebraska in 1905). They have fall sows by Crimson Wonder.

GRIFFITH'S POLAND CHINAS.

Mr. W. G. Griffith, of McNabb, Ill., breeder of Poland China hogs and Shropshire sheep, has an advertisement on page 18 of this issue which should interest readers of The Homestead. At the head of his Poland China herd he is using a boar called H. G. Perfection 101675, he by Chief Perfection 2d, dam Proud Lady 247622 by Proud Chief 98547. Most of the spring pigs are sired by this boar. A very good litter is sired by Chief Perfection 2d and out of Salina by Keep On. There are four boars and two gilts in this litter, any of which would do in any herd. They are very uniform in size, type and quality and should not be overlooked by breeders wanting good stock. A fall litter consisting of ten extra good boars and four fancy gilts by Chief Sunshine 2d and out of a Perfection E. L. sow will attract the attention of discriminating breeders who will visit Mr. Griffith's herd. A litter of six, three boars and three gilts, by Chief Sunshine 2d and out of Queen's Sister by Chief Perfection 2d are an excellent lot and will prove profitable additions to good herds. The females in Mr. Griffith's herd trace to Chief Perfection 2d, Corrector, Keep On and Top Chief and are of prolific families. Any reader of The Homestead wanting good Poland Chinas should write or visit Mr. Griffith. He also has six good Shropshire rams for sale got by the imported Hammer-bred ram, Hammer 192071, which he is offering for sale at reasonable prices. Look up the advertisement and write for prices and other information, kindly mentioning The Homestead.

LAWSH'S PRIZE WINNING CHESTER WHITES.

We desire to call the attention of our readers to the Chester White advertisement of Mr. Geo. H. Lawshe, of Harlan, Iowa, one of the good young breeders in the West. Mr. Lawshe has been with us each year and always breeds first-class stock. He has about sixty choice pigs for this season's trade sired by Monarch Jr. 13301, the boar that has been a leading winner at several county fairs as well as at Des Moines. He also has pigs by Captain 14119, the first-prize boar at the Iowa and Minnesota State Fairs, first and sweepstakes boar at the Interstate Fair, Sioux City, and first in yearling class and reserve champion at World's Fair, St. Louis. He also has some fall boars sired by Advance 2d, a son of Monarch Jr., and some spring boars by Jerry S., the second-prize eighteen months hog at Des Moines last year, and the sire of the first and third-prize boar pig and first and third-prize premium sow at the same show. He has an excellent lot of brood sows in the herd, among which is Princess L., the dam of twenty pigs by Oakfield Eclipse. One of his best show sows is Cassie, a daughter of the noted show sow, Miss Hanna, and he will be at Des Moines with her this fall. He has eight January pigs out of this good sow now on the farm. Mr. Lawshe will be at the Iowa State Fair, where he will be pleased to see all of the Chester White boys. In the meantime if you want a boar or a few good sows write him. He will be able to fill your order and do it to your satisfaction. Please mention The Homestead when writing.

SALE OF SELECT SHORT-HORNS AT GENEVA, NEB.

Show cattle are plentiful in the Geneva, Neb., auction on Tuesday, August 7th. They will be so grouped with reference to families and relationship that breeders can see that they are buying animals that have not been produced by accident, but by sensible, scientific breeding. Mr. McGavock will have an exhibit of show cattle on the morning of the auction and it is his intention to parade them through the streets. Bapton Gloster, a Scotch bull, will head the exhibitors' herd and the Young Mary cow, Belle Onward, topped out with the most famous of Scotch blood, is the cow of the herd. Lady Alice, an Amelia, whose sire and dam's sire are respectively Orange Chief and Scottish Gold Dust, straight Scotch bulls, is the two-year-old. Yolande, a granddaughter of Imp. Gay Monarch and the cow, Imp. Makepeace, is the yearling, and one of the daughters of Bapton Gloster is the calf. The young herd selected is composed entirely of the get of Bapton Gloster, headed by the young bull, Bapton Gloster 2d. This young herd will prove difficult to defeat at the best shows as a herd, and it can also be shown as get of sire and also as produce of cow. The Cruickshank Orange Blossom cow, Orange Maid, has heifer calf at foot by Bapton Gloster and she is also the dam of the show heifer by same sire, Bapton Sweet Blossom. This is a very attractive trio of Scotch females. Sovereign's Orange Blossom bred by the noted breeder, Col. T. B. Hart, of Edinburgh, Ill., has a white heifer calf at foot, it being the only one of this color ever sired by Bapton Gloster, and the get of the bull in this auction will demonstrate that good, solid reds predominate. Some of the highest-priced cattle of the breed are white, and we trust that Sovereign's Orange Blossom, a very handsome roan cow, and her beautiful white heifer calf will be appreciated by western buyers. They are a very valuable pair of Scotch cattle. The Cruickshank Butterflies consigned by Mr. Giller comprise eight very superior females. Mr. Giller purchased Oakland Butterfly 8th, his foundation cow of this family, from Messrs. J. H. Potts & Son, who were among the first to recognize the superiority of Scotch cattle. Her granddam was imported by Mr. J. I. Davidson from the herd of Mr. Cruickshank, and the Butterflies were prolific in

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SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

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See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

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has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.
39 Fargo Street, Batavia, Ill., U. S. A.

the production of Royal and Higbland Society prize winners and have also given us in America many show cattle. Mr. Giller has used on this family the best and best-bred Scotch bulls, including Scottish Gold Dust, bred by Mr. Forbes; Orange Chief, bred by Messrs. T. R. Westrope & Son; Victor of Ilomewood, bred by Messrs. E. S. Butler & Son, and Imp. Milhurst Baronet, bred by Viscount Baring. Some grand specimens will be found in the offering, including the two-year-old heifer, Butterfly of Maple Grove; the three-year-olds, Dolphino and Butterfly 8th and Eva Fay, and the four-year-old, Virginia, Miss Eddy, and the two-year-old, Vera 2d. These Scotch females are in calf to the Broadhooks bull, Golden Broadhooks, bred by Mr. Dunwoody, of Minnesota, sired by the sire of champions, Imp. Golden Mist, and out of Imp. Lady Mary 4th by Sir Wilfrid Laurier. The auction is strong in every section and some exceedingly choice young bulls are cataloged. Western cattle interests will be benefited by these cattle being distributed and they should be appreciated by the best breeders of the country.

A SUCCESSFUL AUCTIONEER FROM THE START.

We take pleasure in presenting to breeders of pedigree stock of all kinds Mr. O. L. Mossman, of Polk City, Iowa, as an auctioneer that has "made good" from the start. Mr. Mossman is a conscientious worker at all times, and those who have had business dealings with him have found him honorable on all occasions. Mr. Mossman in his first year's experience as an auctioneer cried over fifty sales, all being satisfactory. The past year he has been seen at numerous hog sales and has ably assisted in making nice sales. When well-known breeders voluntarily recommend a man it may be understood that his services are the best. The following testimonial in regard to Mr. Mossman's ability is worthy of consideration: "Macedonia, Iowa, Feb. 4, 1906. Mr. O. L. Mossman, Polk City, Iowa. Dear Sir:—Since you were at my sales I have been thinking of the sales you have attended and will say I wish to thank you for the way you handled the ring work at those sales, including my own and several others. I desire to earnestly recommend you to my brother breeders as a ring worker that in my judgment has not a peer in the West. I am yours for business, R. J. Harding." This certainly speaks well for Mr. Mossman, and we trust breeders will bear it in mind. On page 23 is the card. Kindly look it over and when writing for dates, please mention The Homestead.

CANTINE'S DUROC JERSEYS.

On page 21 of this week's Homestead will be found the Duroc Jersey advertisement of Mr. H. L. Cantine, of Quimby, Iowa, who again announces to the red hog men that he has 100 choice pigs for sale. The name of Cantine is familiar to Duroc Jersey men because of the fact that it was the old firm of Messrs. Cantine Bros. & Steveson who bred the great boar, Crimson Wonder. Mr. H. L. Cantine continues in the business and his present herd is but a continuation of the old herd that has become so well known to Duroc Jersey men in all parts of this country. At the head of his present herd stands Crimson Wonder Jr. 4103, a full brother to old Crimson Wonder, and one of the very best living sons of old Tolstoy. This boar has been used in the herd and has some good litters of pigs which are coming right to the front. The noted old boar, Pericles, is still alive, and doing good service, and the pigs sired by him are all that could be desired. He also has several litters by Pericles H. and Top Notcher Chief. One of his best litters this year is out of Miss Logan 9th, a double line-bred Ohio Chief sow, and she has nine pigs that are as good as he has ever raised. Annie Laurie II., a granddaughter of Duroc Challenger on the sire's side and Tolstoy on the dam's, has eight good, evenly-made pigs by Pericles, while there are several nice litters by Crimson Wonder Jr. We can say to any of our readers that if they would get a good Duroc Jersey pig with price and quality to suit they cannot do better than to write Mr. Cantine or go personally and make their own selection. The time to pick a pig is right now, and you will be sure to get one of the good ones. Write him and tell him what you want, and be kind enough to mention The Homestead.

POLLOCK'S PERFECTION CHIEFS.

Mr. D. J. Pollock, of Thayer, Iowa, will be remembered as the man who brought out last year the great Duroc Jersey boar, Perfection Chief, winning first place in the eighteen months class with him at Des Moines. Mr. Pollock is very fortunate this season in having fifty head of spring pigs sired by Perfection Chief, and he is going to be able to give the boys about what they want. He will be at the Iowa and Minnesota State Fairs with a young herd, every one of which will be sired by the old hog. These will be Princess Alice, Queen Nicholas, Red Duchess and Perfection Duchess, and the two boars, Fancy Perfection 47957 and Perfection Chief Jr. 45827. These will make a splendid showing for Perfection Chief at the fairs this fall. In writing about his best litters he says: "Moline 5th, an Orion-hred sow, has seven very choice pigs which will be shown at the fair; Sly Maid, the dam of Fancy Perfection, which has been pronounced by four field men one of the very strongest senior pigs they had looked at this season, has a spring litter equally as strong, having great bone and length with good back and plenty of quality. Belle Onward, dam of my last year's show litter, was unfortunately, only saving three pigs, but they are of the show-yard type this year; Annie R. 10th farrowed nine pigs in the snow storms of March and saved the entire litter, and every one a good one, four of them being my very choicest show pigs; Faultless will be shown in the eighteen months and under two years class. She is a very strong sow, having all the good qualities and scale that anyone could suggest. Breeders who are wanting Perfection Chief stuff should write me, as I have about all this year's crop of pigs sired by him. Having sold him after the season I will be at the fairs with thirty head, and will be glad to have all my old customers and many new ones to call on me and see for themselves whether this field

note is misleading or not. I will gladly answer any inquiries, but will sell nothing until after the fair. Don't fail to come around and see me at Des Moines." When writing, kindly mention this paper.

ARDMORE CATTLE IN THE McGAVOCK SALE AT GRAND ISLAND, AUGUST 11TH.

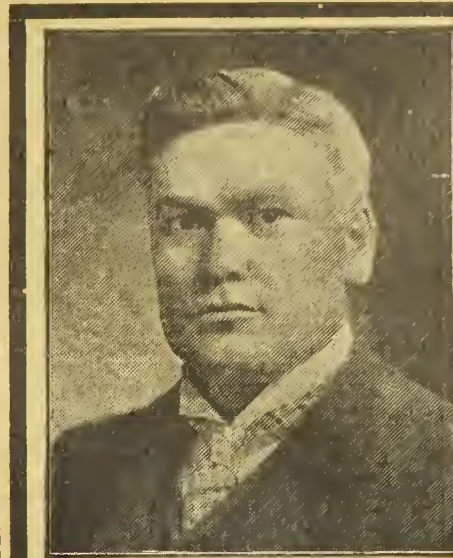
The Ardmore Stock Company, of Holstein, Iowa, will sell three bulls and two cows and one heifer in the McGavock sale at Grand Island, August 11th. One of the best bulls that will be in the sale will be Matchless Prince 223976. He is a two-year-old dark roan bull, weighing better than a ton. He is a son of Prince Matchless, a richly-bred Scotch bull, and is a Scotch-topped Rose of Sharon. He is a great flesh carrier and is in nice condition. They also sell Highland Chief, a yearling son of their noted herd bull, Imp. Scottish Pride. One of their best cows in this sale is Lady Constance 5th. Her sire is the Scotch bull, Major 14878, out of Lady Constance 4th by Prince President 2d and her next dam is by Imp. Master of the Mint. She will have a bull calf by Imp. Scottish Pride and is bred back again to the same bull. Another good cow is Maple Lodge Barrington, a straight Bates cow, with bull calf at foot by Imp. Scottish Pride and is bred back again to the same bull. Lady Barrington of Ardmore is a good two-year-old heifer sired by Dunblane 2d of Ardmore 181400 out of Maple Lodge Barrington, and she is bred to the great young bull, Superbus, second-prize bull to the reserve champion at Chicago last December. They are sending a good lot of cattle to this sale and we can assure our western friends that they will find them in good condition on sale day.

A FEW GOOD SCOTCH BULLS FOR SALE.

One of the best herds of Scotch Short-horns in western Iowa is owned by Mr. J. D. McDermott, of Wiota, Iowa, and just now he has a few good Scotch bulls for sale. One of these is a two-year-old bull called Senator, and is a son of Imp. Fashion Favorite, and his dam is Imp. Augusta Bruce. He is a dark roan, is a good individual and has been used on some of the best Scotch cows in the herd. Another good October bull is by Imp. Craihstone and out of Miss Bess by Bapton Spice. His grandam is Roan Bess, that sold in the N. A. Lind sale for \$575 when nine years of age. He is a nice red in color, well coated, has a splendid head and horn, a good back and spring of rib, and will please the man that is looking for a bull to head a herd. He has another good December calf, a son of Imp. Fashion Favorite and out of Imp. Gilted Maid. He is also a red in color. Mr. McDermott has a yearling bull on hand sired by Imp. Craihstone and out of Imp. College Nonpareil. The first man that sends \$100 gets this fellow. He is bred in the purple and is cheap for the price asked. Mr. McDermott says he wants to sell him to make room, and so he goes. Who will be the first man to go and get him? He has five imported cows in the herd, among which is Augusta Bruce, Roan Bess, Meadow Beauty 5th, College Nonpareil and Gilted Maid, and a better bunch of females cannot be found in the state of Iowa. In fact, nearly every cow on the place is a Scotch cow and a good one. Just now Mr. McDermott is selling bulls and anyone that wants one will have to speak quick. The thing to do is to go at once and see them and you will be sure to buy.

MORE OF DUNCAN'S MID-SUMMER SALE OF SHORT-HORNS.

The second announcement of Mr. H. C. Duncan's sale of Short-horns to be held at his Maple Hill farm near Osborn, Mo., on Wednesday, August 15th, will be found on page 19. This should prove a gathering of note in Short-horn history, as the selections for the sale are such as should draw from a large territory and attract those who appreciate good cattle because they are good and furthermore because they are bred from ancestors that were good. The attractions are numerous and the public will be given an opportunity to secure cattle that will do credit to any herd and to their breeder. Last week mention was made of the bulls in the sale and this week we wish to call the attention of our readers to the superior lot of females that have been selected for the sale. Of the forty head fifteen are of Cruickshank's best families, the balance are from seven-eighths to fifteen-sixteenths pure Cruickshank and all are good, the kind that have been the source of so much profit to Mr. Duncan and will be to their future owners. In the pure Cruickshank section is the grand breeding matron, Victoria of Glenwood 14th, and red cow calf got by Headlight. Victoria was got by the pure Cruickshank bull, Violet Spur. Her dam was by Imp. Giltspur, second dam by Imp. Favorite and third dam Imp. Victoria 73d by Roan Gauntlet. Then follow the great sires, Pride of the Isles, Champion of England, etc. She is a rare specimen of the breed and is the dam of the roan bull cataloged as Lot 5. Ury of Maple Hill, cataloged as Lot 5, is due to calve by sale day to the service of Magnet and is one of the most desirable things in the sale. She was got by Baron Dudding, he by Godoy, and one of Godoy's best sons. Her dam, Ury of Browndale 2d, was by Golden Rule; second dam Imp. Ury Girl by the Cruickshank bull, Vermont, he by Pride of the Isles. She is a show cow and a producer, as her yearling heifer cataloged as Lot 7 will show. The Marsh Violet heifers, Lot 14, Maple Hill Violet 16th, and Lot 15, Maple Violet, and Lot 16, China Rose, are three Marsh Violet heifers of the same breeding as Rosedale Violet 9th. She was sold by Mr. Duncan and Maple Hill is practically the home of the Violets in America. In speaking of Lot 14 Mr. Duncan says she is regarded by him as one of the best heifers he ever bred. They must be seen to be appreciated and those who like the Violets should not miss this opportunity. Lot 9, Orange Blossom of Wildwood 5th, will be found a desirable Cruickshank Orange Blossom. She has a two-year-old heifer and a yearling bull in the sale and is well along in calf to Magnet. Among the Scotch-topped sorts are several daughters of Magnet and among these are some that Mr. Miller, the exporter, admired very much and would have liked very much to export. Every female of breeding age is bred to one of Mr. Duncan's herd bulls and all have been handled in such a prac-



T. F. WILLIAMS, M. D.,
CONSULTING PHYSICIAN.

What my Patients say of my Treatment.

Halfa, Iowa, June 20, 1906.
T. F. Williams, M. D.,
Des Moines, Iowa.

Your request to fill out the blank received. I do not think there is any need of it, as I feel like a new man and believe I am cured. I am so thankful for the treatment. I have gained about ten pounds since I commenced your treatment.

Thanking you for what you have done for me I shall ever remain,
Your friend,
W. O. CURRY.

If you cannot come to Des Moines for a personal interview fill out the coupon and I will gladly send you my book on CATARRH, symptom blanks, etc, free of charge.

FREE TREATMENT COUPON

DR. T. F. WILLIAMS,

211-213 Crocker Building, Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name.....

Address.....

tical manner as to insure their future usefulness and buyers will find everything in just such condition as to be of greatest value as breeders. Those going to the sale via the Burlington should stop at Maple Hill station, which is on the farm. Col. Geo. P. Bellows, assisted by able talent, will conduct the sale. Catalogs may be had for the asking.

BRODSKY'S DISPERSION SALE SCOTCH SHORT-HORNS.

Among the many Short-horn sales that will occur in the near future, one that is deserving of more than a passing mention is that of Mr. L. Brodsky, of Plover, Iowa, on August 23d. This is a dispersion sale and there will be some ninety head in the offering. By way of introduction we will say that Mr. Brodsky is one of the oldest breeders of Short-horns in the state of Iowa and there are few herds in the state that have achieved greater fame. While never a show man in the strict sense of the word, he has nevertheless bred some good show cattle and some of the very best things in many of the leading herds of the West have descended from or have been bred in the Brodsky herd. Of the ninety head that go into this sale, fifty head will be straight Scotch cattle. This is a larger per cent of Scotch cattle than has been put through any sale in recent years. There will be fifteen Mysies and seventeen Dorothys, two of his most noted Scotch tribes, as well as six Miss Buckinghams and two Miss Ramsdens, besides several other well-known Scotch families. Of the Mysie family Mr. Brodsky says: "The fact that out of the six bulls that have been used at the head of the herd four were Mysies indicates my estimate of the merit of this strain. It would be difficult to say whether the Mysies have contributed more toward the upbuilding of the herd than the Dorothys or vice versa. Were I to continue breeding Short-horns I would not think of parting with any considerable number of either strain. My herd bulls have come from the Mysie strain and I have now several females among the fifteen to be offered that I regard more valuable than any representatives of this tribe that I have ever owned heretofore. I refer to 7th Mysie of Pleasant View and her descendants and Beaver Creek Mysie 5th, without question among the most valuable Scotch females that have been offered for sale this year." The Dorothys have always been prominent in the herd and have contributed more than any other tribe with the possible exception of the Mysie strain. For many years the Brodsky herd has been the chief source of the Dorothys and they have been sought after by the leading breeders of this country. They have been exceptionally useful as breeders and the females have been great milkers. Among the most notable representatives of this strain are Dora Marr, that sold for \$1,330; Do Not Marr, that as a calf brought \$600, and Aberdeen Butterfly that as a calf sold for \$1,220. Among the offering will be thirteen bulls, including his Cruickshank herd bull, McDiarmid 168765, considered one of the most richly bred Mysie bulls now used in this country. The rest of the bulls will range in age from ten months to two years and they will all be Scotch with the exception of two. They are an exceptionally good lot and are bred in the purple. There are several in the bunch that should go to head herds. Of the female end of this sale we desire to say that there will be a splendid bunch of richly-bred and high-class

Scotch and Scotch-topped cows and heifers. Heretofore Mr. Brodsky has absolutely refused to put a price upon many of these, and it is now the great regret of his life that he is to part with this splendid herd of Short-horns. Advancing years and his inability to personally care for the herd himself is the reason why he now lets go. The Brodsky sale should be one of the most attractive of the season, to those especially who are endeavoring to build up good herds. He will also sell four head of Percheron mares, one imported Percheron stallion and one stud colt. The mares are bred and are safe in foal. He will also sell at private sale one of the very best stock farms in northern Iowa. Watch next week's paper for a more extended description of the cattle that go into this sale. In the meantime we would like to urge all our readers to write for a catalog to Mr. L. Brodsky, Plover, Iowa, and please mention The Homestead. See the advertisement on page 19.

THE ROLFE COMBINATION SHORT-HORN SALE.

On August 22d, at Rolfe, Iowa, will occur one of the good combination Short-horn sales of the year. This is a breeders' sale, made by Messrs. M. P. Hancher, Claus Johnson & Sons, A. G. Hewlett and Thos. H. Fisher, all well-known breeders in that vicinity. They are offering about fifty-five head, and seventeen of these are young bulls, some of which are straight Scotch, the rest being Scotch-topped, and some are especially good individuals. There will be a number of good Scotch females in the offering, and the most of these are put in simply as an attraction to the sale and not because they want to part with these cattle. Mr. M. P. Hancher is consigning eighteen head. Six of these are young bulls, six are heifers and the rest are matured cows. Two of these bulls are straight Scotch and are deserving of especial mention. One of these is No. 6 of the catalog and is recorded as Choice Goods Ury. He is a ten-months-old bull and is sired by Carter's Choice Goods, one of the very best sons of Imp. Choice Goods. His dam is Ury Lady of Roseneath by Morning Star, and he belongs to the well-known and popular Ury tribe. He is a richly-bred fellow, is a nice red in color, has a splendid head and horn, and is a good individual. This calf should go to the head of some good herd. He also sells a good roan bull called Brawith Lad. He is a son of Golden Lad, a richly-bred Brawith Bud bull that formerly headed his herd, and his dam is Imp. Rosemary by the Duthie-hred bull, Royal Standard. He will be about fifteen months old at sale time and he is going to make a 2,500-pound bull when matured. One of the best cows in the sale will be contributed by Mr. Hancher. She is No. 1 of the catalog and is Mina of Oak Ridge 2d. She is a Mina, a grand individual, and will have bull calf at foot by Gloster Prince. He also puts in a good Scotch heifer, a daughter of Golden Lad, and several good Scotch-topped cows, some of these will have calf at foot and others right at calving. Messrs. Claus Johnson & Sons are contributing ten head, among which are four bulls. One of the best of these bulls is Mysie's Lad, a son of Aberdeen Prince and he is a richly-bred Mysie. He is a good individual, is a solid red in color, and his breeding is all that could be desired. He is a herd-heading proposition for some man and will undoubtedly go to the head of some good herd. Another good

bull consigned by them is called Count, and is a son of Aberdeen Prince out of Stafford-made, one of their best cows. He is a Scotch-topped Young Mary bull. They are selling several other young bulls, and some good cows and heifers. Mr. Hewlett will sell fifteen head, and three of these will be young bulls, all sired by Aberdeen Prince. He is selling some good cows and five young heifers. All his cows will be bred or will have calf by his richly-bred Scotch bull, Baron Marr. One of his best cows is Lily Lavan, a five-year-old daughter of Highland Amburst. She will have a calf at foot by Baron Marr. She will also have a yearling daughter in the sale. Mr. Thos. H. Fisher will sell four bulls and four females, and he is putting in one of the best young bulls in the sale. He calls him Cherub 2d, and he is a son of his former Scotch herd bull, Prince of Abtane. He is a Scotch-topped Young Mary bull, but he is an unusually good individual. He sells two other bulls and several good Scotch-topped cows and heifers. Some of these will be well along in calf to his present Scotch bull, Prince of Rosebud. One of his best heifers is a Scotch-topped Rose of Sharon, and is coming three years old. This sale will afford a splendid opportunity to buy good bulls or cows and heifers. There are several Scotch bulls in the sale that breeders can well afford to look after. Of the females the catalog will give a detailed description. Send for it to Mr. M. P. Hancher, Mgr., Roife, Iowa, and please mention The Homestead when writing. See the advertisement on page 19.

GRANT WHITE AND HIS PROUD ADVANCE PIGS.

Among the rising young breeders of Duroc Jerseys none have come to the front more rapidly than Mr. Grant White, of Arton, Iowa, and this has been largely due to the fact that when he purchased stock for a foundation it was only the good ones that he selected. He has a splendid lot of pigs this year, mostly sired by that noted prize-winning boar and sire of prize winners, Proud Advance, as well as a number of litters by Keep On II., one of the leading state fair winners last year at Des Moines. Mr. White writes as follows about this year's crop of pigs: "My pigs have made an excellent growth so far and I am well pleased with them. I have twenty-five pigs by Proud Advance out of four litters. One of these litters is out of Lady Chief, a granddaughter of Ohio Chief, and one litter out of Dolly by Orion. Another litter is out of Russell Belle by Patsy Bolivar, and one litter out of Miss Queen, one of my very best brood sows. These four litters are all sired by Proud Advance and are good ones. I got a good cross here, as my boar pigs show lots of quality. I have three litters sired by Angie's Advance 4235, and one litter by Harding's Advance out of a granddaughter of Ohio Chief. I also have a litter by W. L. A.'s Choice Goods and one litter by Keep On II., the boar that took second at Des Moines in a class of sixty head. My junior yearling sow by Proud Advance is coming along in fine shape and if nothing happens her will make the boys go some to beat her. I also have four others, a boar and three sows, that I think are pretty good. Tell the boys to call around at Barn 14 state fair week, where they will find the Proud Advance Stock Company's headquarters. I will ship nothing till September, but am taking orders for spring boars."

NIDLINGER'S DUROC JERSEY SALE—LAST CALL.

During the past few weeks attention has been called to the forthcoming Duroc Jersey sale of Mr. J. D. Nidlinger, of Decatur, Ind., which will be held on Wednesday, August 8th. Breeders throughout the middle West should not overlook the importance of this sale. There is consigned to this offering one of the strongest collections of females that will go under the hammer in many months. They represent the best breeding sires and prolific families of the East. In point of individuality they are strictly of show-yard type and quality. Mr. Nidlinger thought enough of this offering to advertise them as show herds, and the writer representing this paper is pleased to corroborate the statement. Breeders will find in this selection females which have produced show-yard winners, also females of show-yard individuality. We wish this week to call attention to some of the leading boars and females to be found in the offering. Hanley 2d is a fall boar of September 16th farrow. His sire was Longfellow #815 and his dam was Bright Star II., the dam of Hanley. This young boar is a half brother to Hanley, the boar now heading the herd of Messrs. McNeil Bros. of Bowen, Ill., both being out of the same sow. He will make a good show this fall and should go to head some good herd. Decatur Boy 17097 by Wonder Chief 11691 by Red Bird F. 26550 by Gold Coin R. 8389 is an April, 1905, boar. He has good length, bone and stands on the best of feet. He will do well either in the show yard or at the head of some good herd. J. D.'s Improver 17095 is one of the best boars to be sold at auction this year. His sire, J. B. J. 11121, was a show-yard winner, and his dam, Wilda, by Echo King, was the highest-priced Duroc sow ever sold at auction east of the Mississippi river up till November 16, 1905, the date of Mr. Nidlinger's fall sale. This boar was shown five times last year and won five ribbons. With forty good pigs in the ring he won second at the Indiana State Fair last year and had many admirers for first place. Breeders should not overlook this boar if in need of show-yard material or a herd boar. One of the best females in the offering is Decatur Belle. She was sired by Top Notch by Top Notcher and her dam was Lucy Bennett by Referee. At the Indiana State Fair in 1904 this sow won first in aged class. She has been a regular breeder and has produced much good stock for Mr. Nidlinger. If he was going to show this year no opportunity would be given breeders to secure this good sow at their own figures. Decatur Queen X. 37906 is another of the good kind which are demanded by breeders. She was sired by Echo King and her dam was Decatur Queen 1st 27012. She has never been fitted for show, but has been reserved for breeding purposes. Her litter mates were shown the entire season of 1904 and won every first and second prize where they were driven

into ring. Her grandam was the champion sow at the International in 1902 and was there sold to Mr. J. C. Leach, of Carbondale, Kan., for \$205. Lack of space forbids particular mention of the offering individually, but we wish to go on record as making the statement that no sale of past months has offered so many tried sows, many of which are bred to noted boars for fall litters, as does the sale of Mr. Nidlinger. We are sure that breeders will be pleased with the offering. To those who cannot be present sale day we would suggest that bids be sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Nidlinger. They will be properly handled. Write today for catalog as per the announcement, kindly mentioning this paper, and plan to be present on Wednesday, August 8th, to attend this the first important sale of the year.

LAST CALL FOR G. L. BELCHER'S DISPERSION SALE OF SHORT-HORNS AND TROTTER-BRED HORSES.

On next Wednesday, August 8th, at the Walnut Ridge farm, one mile west of Carrollton, Mo., Mr. Geo. L. Belcher, of that place, will disperse his herd of Short-horns and his stud of trotting-bred horses. Mr. Belcher's sale should be liberally attended, as his is a sale of stock that has been bred on the farm, both the Short-horns and the trotting-bred horses, and have been producers above the ordinary, as from a small, but very select foundation Mr. Belcher has been able to build up a good-sized herd of Short-horns and a good-sized stud of horses. The Cruickshank families are well represented in the Short-horns, as are some of the better American-bred families. The Rose of Sharon have been well thought of and a goodly number trace to that grand old breeding matron, Imp. Rose of Sharon. All of breeding age will either have calves at foot or be bred to the Scotch-bred herd bull, O. C. The horses are by the great sires, Norberry 2:17½ and Alora 2:09½. Norberry is not to be sold at auction, but considering his record as a performer and the quality of his get he will be priced privately and at a bargain price. All the other trotters go in the sale, as Mr. Belcher is preparing to move to another state soon. Colonels Graham, Sparks and Harriman will conduct the sale. Carrollton is on the main line of the Santa Fe and Wabash and on a branch of the Q. See page 21 for the last announcement.

MORE CONCERNING THE FLYNN FARM SALE OF SHORT-HORNS.

In last week's issue we directed attention to the character of bulls used at Walnut Hill for the past thirty years. We also reproduced the announcement of the sale catalog which tells the story of the great sale of Short-horns from Flynn Farm, August 16th. Inasmuch as the farm is an incorporation there will be no change in the arrangement of this sale because of the sudden death of Mr. Martin Flynn. A representative of this paper has carefully inspected the offerings of fifty-seven head and considers them a very practical and useful lot of cattle. The management at Walnut Hill has always been liberal with the public when it came to a selection of the sale stock. The herd now numbers something like 350 head, hence a draft of some sixty head can be made, including some of the most valuable cattle without seriously impairing the breeding herd. Those who attended the 1905 sale will doubtless remember the very superior lot of young bulls that were led into the ring for exhibition purposes, the get of that magnificent bull, Grand Duke of Enterprise. There is probably no Scotch bull in America standing on shorter legs or that is thicker in his flesh than Grand Duke. In other words, he is a pure Bates bull, possessing all of the Scotch characteristics that have made the Scotch cattle world-famous, and yet without a drop of Scotch blood in his veins. One of his best sons, called Crown Prince Wild Eyes, is being used liberally on the herd with marked success. Perhaps in the third of a century of breeding Short-horns at Walnut Hill no other bull has been produced that gives promise of so great a future. His dam is one of the best bred Bates Wild Eyes cows living, Lord Nonpareil, by the famous Scottish Victor, is also being used in conjunction with the great imported bull, Lovat Champion. Thus it will be seen that the Walnut Hill herd possesses two of the best bred Bates bulls living, to head the Bates contingent and equally as well bred Scotch bulls for use upon the Scotch females. It would be difficult to find a herd of such proportions with less culls or inferior animals than are to be found at Walnut Hill. It was one of the unwritten laws of the late proprietor that no inferior or non-productive females could find shelter at Walnut Hill. So antagonistic to drones or inferior animals was the late Mr. Martin Flynn that he had no patience with them whatever. It is certainly worth while to consider when buying the foundation stock for a herd of cattle that they have come from and through the hands of so reputable a breeder as the late Mr. Flynn, in whom no man could find any just complaint in any way. It is a well-known fact that many of the purchases made by various breeders in years gone by from the Walnut Hill herd have gone into later sales and sold at prices doubling the purchase price. Not only that, but many of the best herds in the land have more or less of Walnut Hill breeding contained therein. There will be some choice young bulls listed, including the great Lord Avon 2d. This bull was calved June 23, 1903, and is a son of Golden Lord, his dam being Alcatraz 3d, a daughter of Highland Chief, she being out of Alcatraz by the great Scotch bull, King James. The third dam, Andromeda, was by Imp. Thistle Top. The fourth dam was Imp. Autumn Glade by Cumberland, she being bred by Mr. Amos Cruickshank. For someone who is desirous of placing at the head of their herd a bull that will increase the milking qualities, Lord Avon 2d is certainly a good proposition, as he comes from the best milking family of the Scotch cattle in the Walnut Hill herd. Majestic Earle is a splendid yearling bull sired by Lady's Earle, his dam being Imp. Lady Mary 16th. This is a straight Scotch bull, his dam being one of the best matrons in the herd. He gives every promise of making a great sire. To anyone in search of a splendid Bates bull attention is directed to Prince Wild Eyes 1th, a red bull calved May 28, 1905. This is a full brother to one



Simpson - Eddystone Silver Greys

Fast color is not merely a name but a splendid reality in these dependable dress-goods. They wash repeatedly without fading. Appropriate to wear any time of year.

Ask your dealer for Simpson-Eddystone Silver Greys. Three generations of Simpsons have made Simpson Prints.

The Eddystone Mfg Co (Sole Makers) Philadelphia



TOO LATE TO CLASSIFY.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

F. H. LONG

MANNING, IOWA.

BRIDGFORD & NESBITT, ALEDO, ILLINOIS.

WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrow which we will price at reasonable figures. Also a few extra good fall boars; strong, vigorous, heavy-boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN,

PETERSBURG, ILL.

OAKWNOD DUROCS.

CHICAGO Lad 12387a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address, C. T. ROGERS, PETERSBURG, ILL.

OAK VIEW DUROCS.

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale a choice lot of January boars sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of show-yard type and quality. My price on best boar is \$100, the next best at \$75 and one at \$50. Am booking orders for spring pigs. J. COY. ROACH, GIRARD, ILL.

CHOICE POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hamner bred ram, Hamner 192071 for sale.

W. G. Griffith, McNabb, Ill.

Thos. Bennett, Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 37331, Gen's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12345a, Choice Goods 22381, J. I. C. 38339, Buddy K. IV 20861, Indiana 20758, Manley Orion 30925, Cantline Boy 18319, The Great Conqueror 32581, Queen's Pride 40799, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11889, J. B. J., Big I Am 29835. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices. MCNEIL BROTHERS, BOWEN, ILL.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER,

MAZON, ILL.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shumrock 34571, by Perfect Perfection, out of G's Perfection and Perfect E. L. dams. Also have pigs by Perfection E. L. and G's Perfection. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

H. B. MOATS,

VILLISCA, IOWA.

GEORGE ALLEN'S FAMOUS HERD SHROPSHIRE

I HAVE a grand bunch of rams for sale, as well as good ewes. My flock has been one of the leading winners in America. Address, GEORGE ALLEN, LEXINGTON, NEB.

MAY & PORTER, REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

T. J. CONGDON'S Winning Berkshires have won T. honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

LARGE Growthy Polands. I have the hog that is a box. If you want sized bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Ex-husband is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

RATS. My Scottish Terriers will make them git. Very fine female puppies from recorded parents. Also a fine young grown male, a hustler. Pedigree with sale. S. W. Harr, Riverside, Iowa.

IOWA STATE EPWORTH LEAGUE AND TRAINING SCHOOL AT COLFAX, IOWA, AUGUST 1ST TO 13TH.

One fare for the round trip via Chicago Great Western Railway. Tickets on sale daily July 31st to August 13th. Return limit August 14th. For further information apply to any Great Western agent or J. P. Elmer, G. P. A., St. Paul, Minn.

Duncan's Mid-Summer Sale of Short-horns

At Maple Hill Farm, Near Osborn, Mo., Wednesday, August 15, 1906, at 12:30 P. M.

10 BULLS, 7 PURE CRUICKSHANK. 10.

Among the bulls are my herd bulls, MAGNET 188058, an Orange Blossom, Golden Headlight 245876 and Scottish Victor 244264, three as great herd bulls as have gone through any sale this year. The remaining Scotch bulls, two Orange Blossoms, one Victoria and one Eliza, are exceedingly good and very promising.

40 FEMALES, 15 PURE CRUICKSHANK. 40.

The Cruickshank females consist of Victoria of Glenwood 14th and heifer calf, Ury of Maple Hill, her yearling heifer, Maple Hill Violet 16th, Maple Violet, China Rose, a Violet, and bull calf, Orange Blossom of Wildwood 5th, Maple Hill Orange Blossom and Gloster of Maple Hill, a Duchess of Gloster. The balance of the females are from seven-eighths to fifteen-sixteenths pure Cruickshank and of families that have been bred on my farm for thirty years.

I am selling as good cattle as I am retaining in my herd. Everything guaranteed. My illustrated catalogs give complete information regarding the offering, time tables and how to reach the farm. I would be pleased to mail one to all who are sufficiently interested to write.

H. C. DUNCAN,



OSBORN, MO.

Col. Geo. P. Bellows and Others, Auctioneers.

Wm. SMILEY'S SHORT-HORN SALE

To be held at MALCOM, IOWA, August 17th

About 50 Head. A choice line of Scotch and Scotch Topped Cattle.

Several Herd Bulls, Pure Scotch, including Bruce Nonpareil and Sheridan. Aside from the 8 head of Cruickshank Narcissus family are such Cows as Imp. Daybreak's Princess, Lady Ann 16th, and other noted celebrities. Beef and milk have been my specialties and this is practically a dispersion sale,

hence the tops go. A goodly number of the Cows have Calves at foot. Others are bred to the very select Bull, Abbotsburn Marshall, a grand son of Young Abbotsburn and the world's champion cow, Mary Abbotsburn 7th.

THIS SALE WILL BE HELD THE DAY FOLLOWING THE FLYNN FARM SALE AT DES MOINES and is only 45 MILES FROM DES MOINES.

Catalogs mailed by addressing

WM. SMILEY, Malcom, Ia.

Col. Geo. P. Bellows, Auctioneer.

MENTION HOMESTEAD

Two Days Sale of Scotch and Scotch Topped Short-horns

Breeders' Combination Short-horn Sale ROLFE, IOWA, AUGUST 22, '06.

55 HEAD IN THIS CONSIGNMENT. 55

FROM THE M. P. Hancher, Claus Johnson & Son, HERDS OF Thos. H. Fisher, A. G. Hewlett.

Including a number of really choice Scotch bulls, among which is a splendid son of Carter's Choice Goods, a good Missie and a grandly bred Cruickshank Rosemary bull. There will be a good lot of Scotch-topped bulls, with exceptional individual merit.

Some of our best Scotch cows go into the sale, and it is an offering that we all feel proud of. Many cows will have calf at foot by good Scotch bulls, and all old enough will be bred and safe in calf. We extend a cordial invitation to all to be with us on sale day. Write for catalog to

M. P. HANCHER, Mgr., Rolfe, Ia.

Col. Geo. P. Bellows, Al P. Mason, Auctioneers.

Brodsky's Closing Out Sale PLOVER, IOWA, AUGUST 23, 1906.

90 Head In The Sale. 50 Head Scotch Cattle.

Including seventeen richly bred Mysies, sixteen celebrated Dorothys, six Miss Ramsdens, besides a number of Miss Buckingham's, Lavinias, Bonnie Belles, Sweet Roses, and other Scotch tribes. There will be twelve bulls in the sale and ten of them are straight Scotch, including my royally bred Cruickshank bull, McDiarmid. I will also sell one imported Percheron stallion and one stud colt; four pure bred Percheron mares and one filly.

L. BRODSKY, Plover, Ia.

Col. Geo. P. Bellows, Carey M. Jones, Al P. Mason, Auctioneers.

PLEASE MENTION THE IOWA HOMESTEAD WHEN WRITING FOR CATALOG.

Dispersion Sale of Celebrated Champion

Baby Beef Herd Aberdeen Angus Cattle at Stock Yards Pavilion, Galesburg, Ill., Tuesday, August 14th

Fifty head of celebrities are cataloged, including the champions and their sires, dams, brothers and sisters, and all are strong in the blood of the renowned Nosegay, the most popular champion Angus bull that was ever exhibited in American show yards. More high-class bulls are cataloged than were ever seen in one sale in this country and include Rosegay 2d 75856, Rose's Earl 63086, Vala's Rosegay 63745, Key 72172, Intensified 93993, Echo Ito 33734, Equalizer 83737, Envoy 3d 93990 and Evener 93998, several of which have defeated the best bulls of the day, and from which, I believe, can be selected all the great first-prize winners and champions of 1906. Eleven Trojan Ericas, several of which are imported and all of the best individuality and most fashionable blood lines will be auctioned. The Ballindalloch K. Pride cow, Key of Chicago, that I consider the greatest cow of the breed today, will be sold with her prize-winning son and daughters, and there are also included other superior Prides. Every family in the herd has produced prize winners and champions, and each and every animal goes without reserve on this occasion. For catalog of this great dispersion sale address, mentioning this paper,

C. H. GARDNER, BLANDINSVILLE, ILL.
COLS. CAREY M. JONES AND SILAS IGO, AUCTIONEERS.

50 Tops of the Breed at Auction

Selections from the Willow Stock Farm RUSHVILLE, ILL., TUESDAY, AUGUST 14TH, 1906.

Fifty head of fall and summer boars and gilts and a few spring boars. The breeding and the individuality of this offering cannot be excelled. The blood of Oom Paul, Gold Finch, King Morton, Milton Orion, Kruger and other sires equally as noted flows in their veins.

The sires used on the gilts are Toko Paul 37819, a son of Oom Paul, grandson of Jumbo Red, his dam Hallena, by Gold Finch, Hallena's dam being Washington-Kruger I. 44013, by Gold Finch 7549, his dam being a granddaughter of Washington 447-Ring Worm, by Milton Orion and he by Orion II., of World's Fair fame, his dam being Ohio Belle, by Ohio Chief 8727 (A.)—Ninety-mile, by Gold Finch 7549, his dam by Dewey 6975 (A.) and out of White Oak Belle III., she being sired by Trone's Hero.

No better or more popular breeding can be found anywhere. Come to the sale and see for yourself that the individuality is there, too. Parties from a distance can reach the sale either by going to Rushville or Frederick. You will be taken care of.

Send for catalog, mentioning The Homestead.

G. W. TRONE & SONS.

Col. Callahan, Col. Reppert, Aucts.

Send bids to D. M. Pierce, representing this paper.

SHORT-HORN CATTLE.

WOODLAND
SHORT-HORNS

IMP. First in the Ring and Choice of the Ring bulls in service. Special inducements to buyers of females. Some choice young bulls for sale. Correspondence solicited. Address,

W. I. WOOD,
Williamsport, Ohio.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed heads held. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER,
KEENSBURG, ILL.

SHORT-HORN
BULLS

WE have seven head of choice bulls for sale. Two straight Scotch, five Cruickshank-topped. These bulls are from eight to fifteen months old. Solid reds, good individuals, big vigorous fellows. Will be priced cheap. Call or address,

Ruebel Bros., Rockwell City, Iowa

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Bruiwith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

LANAGHAN BROS.,
CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address us above mentioning The Homestead.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.
NEWTON and BAXTER, IOWA

GEO. BONEWELL,
GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 3 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

Bargains in
Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4
ALL OVER 1 YEAR OLD. 1 SCOTCH BULL,
3 SCOTCH-TOPPED.

Pike-Timber Herds and Flocks

Short-horns, Shropshires, Poland-Chinas and R. C. Brown Lehighs.
T. A. DAVENPORT, Belmond, Ia.

WALNUT GROVE Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY PIGS. Twelve red Short-horn bulls for sale. Geo. A. Haus, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WILLIAM REED
PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 60 head quick. Farmer's prices. Come or write.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missile with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

First Annual Offering

Short-horn Cattle

At Burwood Stock Farm,
Milwaukee, Wis.,

TUESDAY, AUGUST 7TH.

45 HEAD. 39 FEMALES, 6 BULLS. 45.

Nearly one-half of the offering will be straight Scotch of the most popular strains, and the balance representatives of the best American sorts, topped out by bulls of the choicest Scotch breeding. EVERY FEMALE OF BREEDING AGE WILL EITHER HAVE A CALF AT FOOT OR BE SAFE IN CALF TO NOTED SCOTCH BULLS. I have selected for this offering as good as my herd affords, and feel confident that I will present a draft of cattle that will satisfy the most critical buyer.

Every Animal Absolutely Guaranteed a Breeder.

The sale will be held at BURWOOD STOCK FARM, which is easy of access by street car from Milwaukee. Take MUSKEGO LAKES CAR from Chicago, Milwaukee & St. Paul depot to ST. MARTINS, where conveyances to the farm will be in waiting. I extend a cordial invitation to Short-horn men generally to come and spend a day with me at Burwood Farm whether you buy or not.

Catalogs giving full particulars will be sent upon application. Mention this paper and address.

DR. W. H. EARLES,
9th & Wells Sts.,
Milwaukee, Wis.

Cols. G. P. Bellows, C. M. Jones, R. W. Barclay and J. Walker, Auctioneers.

SHORT-HORN CATTLE.

CRESCENT STOCK FARM

NOW offers ten Short-horn bulls from eight to fifteen months old, Scotch and Scotch topped. Also twenty females, good useful cows and heifers. Inspection invited and reasonable prices on one or a cullout.

A. L. STUTZMAN, NEW SHARON, IA.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horns. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. S. Prince Odeic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

N. P. HALGREN, VINTON, BENTON CO., IOWA.

SCOTCH BULLS
CRUICKSHANK BULLS

FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

HENRY MATERN, LOSTANT, ILL.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the Imported Princess Royal bull, Prince Odeic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
Davenport, Iowa.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAVIS & SON, HARLAN, IOWA

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, Fairfax, Ia.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

Wildwood Short - Horns

ALL REDS AND DEHORND

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

Scotch and Scotch-topped Short-horn herd bulls

1 2-year old Braxwith Bud red bull, 1 yearling Wimple bull. Both herd headers. Will sell or exchange my herd bull Wimple Royal 241400. Best bull I have used. I have too many of his sisters to use to good advantage. Also 5 extra good Scotch topped bulls at farmer's price. M. D. Yard, Crawfordsville, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 131231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

SHORT-HORN CATTLE.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 206904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

4 Good Young Short-horn Bulls For Sale.

CURED by Victor Maple 203379 he by Grand S. Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

WALNUT HILL HERD

SHORT-HORN CATTLE

TWENTY-EIGHT annual public sale will be held Thursday, August 16, 1906. Catalogue of young bulls for sale at private treaty now ready. It includes the pedigrees of our choice string of young bulls among which are many of the best for herd headers and farmers and ranchmen, that will be priced well within their values. City of office in People's Savings Bank, Farm 8 miles northwest of city, Clive Station, on C. M. & St. P. Ry. Telephone 523. Address, Flynn Farm Company, Rural Route No. 5, Des Moines, Iowa.

JONES COUNTY HERD OF

REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Monrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wimpum of Wayside, the new herd bull we have purchased at a long price, to head Sittytown Sort heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerisus, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

F. H. WIENEKE, Marion, Iowa.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA, or DISCOMB, IOWA.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

ELM GROVE SHORT - HORNS

AND POLAND CHINAS. Lavender Viscount 2d heads our herd of Short-horns. A few choice Poland China full males and girls for sale. Write your wants.

ISAAC NOVINGER & SONS, Kirksville, Mo.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by S. Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.

J. D. McDERMOTT, ANITA, IOWA.

SPRING CREEK HERD OF SHORT-

HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

C. F. ROBE, Jesup, Iowa.

A SMALL HERD OF

SHORT - HORNS FOR SALE

INCLUDING my Cruickshank herd bull Red Bud 145102, and 10 or 12 cows and heifers. These are bargains if taken soon. Write me quick.

DELMAR McCANN, Kennard, Nebraska.

Pleasant Dale Stock Farm.

Geo. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farm.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge Minister Stb 1855 and O. L. Fusilier 6443, two imported boars and Unnover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

Large Yorkshires

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices.

Ad. Thomas H. Canfield, Lake Park, Minn.

CORN-BELT Yorkshires. I have been using mature

breeding stock for years, and have size, quality and prolificacy. All sows in herd averaged better than 11 pigs per sow this spring. (Everything that does not come up to a high standard is unsexed.) Males and females not akin for sale. Some extra good Poland Chinas for sale also. Jas. Atkinson, Des Moines, Ia.

DISPERSION SALE

OF

RECORDED TROTTING
Short-horn Cattle. . . . Bred Horses.

AT

Walnut Ridge Stock Farm

One Mile West of Carrollton, Mo., Wednesday, August 8, 1906.

50 Head Scotch and Scotch
Topped Short-horn Cattle
of good blood lines.

50 | 23

Head high class trotting
bred Horses, sired by Nor-
berry 23743, rec. 2:17 1-4
and Alora 2:09 3-4.

SAMPLE PEDIGREE.

SERAPHINA VOL. 44.

Dams.	Sires.	Breeder.
Imp. Simplicity	Got by Imp. Master of the Mint 99462	W. S. Marr
Surmise	Cumberland 46144	A. Cruickshank
Superb	Pride of the Isles 35072	A. Cruickshank
Splendor	Champion of England 17526	A. Cruickshank
	The Czar 20947	A. Cruickshank
	Lord Sackville 13249	A. Cruickshank

This Cow and seven of her Descendants go in the Sale.

The offering comprises forty cows and heifers and eight bulls, including the herd bull, O. C. 179769, by Maxwell 121984, a Cruickshank Duchess of Gloster, sired by Blue Valley Duke 2884809. O. C. possesses the intensified blood of Double Gloster 55406. The cattle are a good, useful lot, from the old established herd started at Walnut Ridge Farm, by the late Jerre Turpin, over thirty years ago. They are sired by such bulls as Imp. Master of the Mint 99462, Grand Victor 115752, Orange Baronet 120377, Lavender Duke 177277, Percy Waterloo 116708, Bick's Barrington 110970, etc., and embrace such families as Imp. Simplicity, Rose of Sharons, Desdemonas, Adelades, Princesses and Duchess of Sutherlands. They are heavy milkers and beef producers.

A cordial invitation extended to all lovers of good Short-horns and horses. Horses sell at 10:00 a. m.; cattle sell at 1:00 p. m.

For catalog of cattle or horses, address

GEO. L. BELCHER,

CARROLLTON, MO.

Harry Graham, Jas. W. Sparks, R. L. Harriman, Auctioneers.

HORSES.

W. A. LANG & CO., GREELEY, DELAWARE COUNTY, IOWA

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We have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all the best in their class. Colors, all bays, blacks and dark grays. No old worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write



Greeley Horse Importing Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT,
GREELEY, IOWA.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hurt Bros., Osceola, Iowa.

RED POLLED CATTLE.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address, G. W. Sharp, Marble Rock, Iowa.

POLLED DURHAM CATTLE.

DOUBLE STANDARD
Polled Durham Short-Horns

HELD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won fifty prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including twenty-one firsts and ten sweepstakes. L. G. SHAYER, - KALONA, IOWA.

D. S. Polled Durham Bulls.
FOR SALE—A dark-red blocky yearlings, at \$75 to \$100. One two-year-old herd bull, \$150. Cows and heifers bred or calves by side. Short-horn bulls 17 months old, \$75 to \$85. 2 miles northeast of city. P. S. & S. Barr, Box H., Davenport, Iowa.

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ANNOUNCEMENT EXTRAORDINARY

50 HEAD--Two Duroc Show Herds at Auction--50 HEAD

J. D. NIDLINGER

Decatur, Indiana, Wednesday, August 8

Besides the two show herds he will sell several tried sows bred, also a few spring pigs, State Fair Winners, at your own price. The blood of Corrector, Longfellow, None Such, Echo King, J. B. J., J. D.'s Improver, Hanley, I. J.'s Chief, and other noted sires. Send for catalog NOW. If you are unable to attend, send bids to Mr. D. M. Pierce, representing this paper in care of Mr. Nidlinger. Write for catalog mentioning The Homestead.

Cots. F. F. Luther, C. C. Keil, Fred Reppert, Auctioneers.

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ABERDEEN ANGUS CATTLE.

PLEASANT GROVE STOCK FARM

THIS FARM IS OF 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nuggat of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

10 Angus Bulls 10

For Sale

10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS, GREYSTONE PRIDES and other females by such sires as BLACK JAM 3D 30709, IMP. ABERLOUR 41201, BELL'S ECLIPSE 3D 57424, QUOQUE 46102, LEON ARTIST 33619.

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to

O. D. WRAY, Bloomfield, Iowa.

Seeley Doddies

BLACKBIRD to the first prize yearling bull at the World's Fair heads the herd composed of the best families of the breed. We invite you to see them on Sprigdale Stock Farm joining this city.

W. B. SEELEY, Mount Pleasant, Iowa.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

DUROC JERSEY HOGS.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again. Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

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SPECIAL ANNUAL
Atlantic City, N. J., and many
other seashore resorts
EXCURSION,
THURSDAY, AUGUST 2, 1906,
VIA
BIG FOUR ROUTE
New York Central Lines.

RATE \$19.50 for the round trip from Peoria. Return limit fifteen days including date of sale. Stop-overs will be allowed on the return trip at Philadelphia, Baltimore and Washington within limit of ticket. Special fast train of standard sleepers and coaches will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.

SPECIAL ANNUAL
Niagara Falls, N. Y., Excursion,
THURSDAY, AUGUST 16, 1906,
VIA
BIG FOUR ROUTE
New York Central Lines.

RATE \$8.50 for the round trip from Peoria. Return limit twelve days, including date of sale. Stop-overs will be allowed on the return trip at Westfield, for side trip to Chautauque Lake points. Tickets will be honored on C. & B. Line steamers in either direction between Cleveland and Buffalo. Side trips to Toronto, Thousand Islands, Montreal, etc. Special fast train of first class coaches, standard and tourist sleepers, will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address

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IOWA ABERDEEN ANGUS CATTLE.

IF Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones. Pride, Queen Mother, Favorite, etc. Our herd bull, Proud Blackcap 39946, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice cows and heifers cheap. Twenty years breeders of Doddies.

ALLEN BROS., NEW SHARON, IOWA.

FOR SALE

ABERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address,

JAMES SPEAR, STANWOOD, IOWA.

10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old.

WILL sell at farmers' prices. \$100 gets a good bull, Prides, Queen Mothers, Heather Blooms, Rotherie Queens, etc. Address,

JOHN E. GRIFFITH, WASHINGTON, IA.

(Mention Homestead.)

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number of growling, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d.

Rosenfeld & Siverly, Kellev, Story Co., Iowa.

12 Head Aberdeen Angus Bulls For Sale

OF the Blackbird, K. Pride, Trojan Erica and Queen

Mother families ready for service. Will be priced right. Herd headed by Prince of Pilsen 59249, weighing 2020 lbs. and as active as a cat, sired by Cranwood Black Knight 39477, sold at the Miller sale for \$2,000. Address, WHITE BROS., PERRY, IOWA.

Pleasant Hill Herd of Aberdeen Angus.

STOCK for sale of both sexes, sired by the great

Pride bull, Baltimore of Glendale 24275.

J. Nissen, Meservey Cerro Gordo County, Iowa.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG, LINCOLN, NEB.

The Logan Valley Herd of Duroc Jerseys.

DANIELSON 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Danielson good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About 170 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles H. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantline, Quimby, Iowa.

WELCH'S 75 CHOICE pigs from \$15.00 and up.

DUROCS I. C. WELCH, BEDFORD, IA.

CORN HARVESTER cuts and throws in

pile on harvester or windrows. Man and horse cuts equal to a corn binder. Price \$14. Circulars free showing Har-

vester at work.

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Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., Fairfax, Ia.

FOR sale, 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilbo & Van Patten, Creston, Iowa

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24, although I have received tempting offers for them at private treaty. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,

GEO. W. SECKMAN, RIPLEY, ILLINOIS.

Grand Valley Herd of Duroc Jerseys.

Will have fifty head of Perfection Chief 28367 pigs and fall yearlings to sell after Sept. 1st, including Fancy Perfection 47967 and Perfection Chief Jr. 45827, the two best sons of Perfection Chief ever sired. Look for Pollock and the Perfection Chief herd at the fairs Iowa, Minnesota and Kansas City Royal.

D. J. POLLOCK, THAYER, IOWA.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50136 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cheryl Blossom II 50574 by Dandelion 12165. Duroc Standard 44117, by Duroc Parson 29181, by King Perfection 16235; dam Fanlina Queen II 85492, by Duroc Challenger 11163. We have 110 pigs mostly of Murch and April farrow, sired by these boars and others, and from us good a lot of sows can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times. STOW & GINGRICH, HAMBURG, IOWA.

HICKORY HILL DUROCS.

A FEW extra good, full gilts bred to Double Track and Fashion Boy for summer farrow, for sale at reasonable prices.

E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's last, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, CEDARVILLE and XENIA, OHIO

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others.

CHAS. VAN PATTEN, SUTTON, NEB.

ROSE Hill Durocs, Good ones. 3 sows brought \$1, 300. 150 pigs for season's trade, from 3 best boars of breed Jr. Jim 1st prize last year, state fair, Arlon winner Des Moines and Lincoln 3 yrs. in succession and Long Alx. Rutter bro. to Alx II. Size, bone, back, coloring all special. Visitors welcome. Phone 3 miles west of city. Austin Reushaw, Blair, Neb.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimmon Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

I PURCHASED the highest priced Durocs sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growing. Will price right.

W. J. East & Son, Clay Center, Neb.

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale, sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices.

H. B. GRIFFITHS, BOWEN, ILL.

E. E. ETTER, ETICA, NEBRASKA.

REDEEMER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Tenle, R. 4, Lamoni, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,

A. B. Easter & Sons, Fremont, Neb.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,

A. E. POUSS, CHARITON, IOWA

40 Duroc Jersey Boars 40

Sired by I Am Pottawattamie, a grandson of the great Nebraska Belle. Pericles and other noted boars. Our prices are always right. Write us. Address,

J. W. Reynolds & Son, Defiance, Iowa.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired.

K. Z. RUSSELL, BLAIR, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

THE HOMESTEAD.

DUROC JERSEY HOGS

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding,
Macedonia, Ia.
PUBLIC SALE,
October 3, '06



AT which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.

O. E. Osborn,
Weston, Ia.
PUBLIC SALE,
October 4, '06

AT which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Bea, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CRIMSON WONDER I AM

S COWS and gilts bred to this great sweepstakes boar for fall farrow. U. G. Davidson, Manson, Iowa.

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Fds.
Sow sale February 25. } Inspection invited. 125 pigs. Write us.
W. A. STAPLES & SONS, GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. Stock reserved for public sale August 8.

J. D. NIDLINGER, DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

Is a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Congdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address,

Phone F-936. THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big I Am and Hambletonian, the two 800 lb. boars assisted by Proud Advancer and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by Big I Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free delivery. Fall sale Oct. 26, herd sow sale Jan. 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

SHELDON BROS.,

A NEW FIRM.

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,

Shannon City, Iowa.

Successors to H. C. Sheldon & Sons.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.43.

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO., LYONS, NEB.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 2d 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryan, R. R. 1, Neponset, Ill.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,

J. E. WEHR, PORTSMOUTH, IOWA

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

DUROC GILTS

BRED for fall farrow. Choice individuals, bred second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springfield, Linn County, Iowa.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY G. WARREN, INLAND, NEB.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Beat, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 88 sittings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimmon Wonder. Fall sale October 16th.

JOHN M. MORRISON & SONS, NEBRASKA.

COLLEGE VIEW, NEBRASKA.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We call closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906. Kindly mention Homestead when writing.

L. E. Thomas, Golden, Ill., R. E. Hogsett, Iowa

Paule, Ill. Ambition 37641, first prize boar Illinois State Fair, 1905, heads herd. At 15 months of age weighs 500 pounds after doing heavy service. 300 spring pigs, the get of such noted boars as Ambition, Tip Top Notcher, grand champion boar at World's Fair; Big I Am, first prize boar at Illinois State Fair, 1904; Kruger Again, Bully K. IV, champion boar at Illinois State Fair, 1905, and other noted prize winning boars. Our pigs stand on best feet and legs. We are now booking orders for spring pigs. Stock guaranteed as represented. Inspection invited. Correspondence solicited. Address, Thomas & Hogsett, Golden, Illinois.

ETHELRED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

Minnesota's Prize Winning Duroc Jerseys

I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Tip Top Notcher, Proud Advance, Tolstoy and Crimmon Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable.

Wm. Malcolm, Bigelow, Minn.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHEL & SON, MACON, ILL.

CHOICE OHIO CHIEF PIGS

WE have a choice lot of pigs by Ohio Chief, Alx Advance, (son of Proud Advance), Iowa Lad, a grandson of Higgins' Model, and Brilliant Advance. We have the good ones. Write us at once.

A. L. & U. S. G. Lynch, Mt. Airy, Ia.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimmon Wonder), Lott's Tip Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.

W. J. WENDT, MARCUS, IOWA.

DON'T READ THIS

UNLESS interested in good pure bred Duroc swine or Barred Plymouth Rock chickens. Write your wants when on the market. Address,

Roy Stacy, Rochelle, Ill.

BARGAINS IN DUROC BRED SOWS

HAVE several sows bred for September farrow. Two are two-year-old and balance yearlings; in good condition, but not hog fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address,

F. A. HAM, SARONVILLE, NEB.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimmon Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,

SMITH BROWN, Waterloo, Neb.

CHESTER WHITE HOGS.

Model Herd
Chester Whites

WE NOW HAVE TO OFFER YOU
100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.
JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.
D. H. LEWIS, GENESIO, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium. 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. 1, Neponset, Ill.

KERR'S

O. I. C. 'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,

O. L. KERR,

INDEPENDENCE, MO.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boar Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at Interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,
J. L. BARBER, R. R. 3, HARLAN, IOWA.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent Klug, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB. and Perfection.

HARDIN BROS.
CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,
F. P. & J. J. Hardin, R. 6, Lima, O.

SANGAMON HERD O. I. C. SWINE
200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.
J. F. HALL, Mechanicsburg, Ill.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmer's prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

Rockford Herd Chester Whites and O. I. C.'s
A CHOICE lot of March pigs for sale ready to ship. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.
JNO. CRAMER, BEATRICE, NEB.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.
N. A. RANCK, NIOTA, ILLINOIS

SOME CHESTER WHITE BARGAINS.
10 FALL YEARLINGS, 100 FEBRUARY, March and April farrows ready to ship. Our herd hogs weigh 900 pounds now. These pigs are of the best breeding strains that money would buy. We ship on approval. Prices right.
E. L. NAGLE & SON, Deep River, Iowa.

OUR spring crop of Chester Whites representing 5 families, good as there is in the U. S., although few in numbers, are extra good in quality. Up to Aug. 1, we will ship C.O.D. and prepay express. 12 fall gilts, bred, for sale.

MAPLE LAWN FARM, Aurora, Ill.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

Mack Stevens & Sons, Iowa City, Ia.
BREEDERS of Chester White swine. 85 early farrow pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

CHOICE CHESTER WHITE BOARS
FOR sale ready to ship. Also my herd header Gold Chief record No. 1297. Write me German or English. J. M. Junsen, P. O. Box 627, Sibley, Iowa.

KING B. HERD CHESTER WHITES.
70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

O. I. C. male pigs of Jan. farrow, very lengthy. Also pigs of March and April farrow.
Chas. W. Nebergall, Davenport, Iowa.

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices. F. Ruehush, Good Hope, Ill.

CHOICE CHESTER WHITE MALE PIGS of April farrow from registered stock. R. I. Red poultry. M. A. Guinan, Webster City, Iowa.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

THE HOMESTEAD.

POLAND CHINA HOGS.



30 FALL BOARS 40 SPRING BOARS

CURED by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy and Correct I Know. Write me at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.

THE JOE YOUNG HERD POLAND CHINAS.

25 FALL BOARS (Great big lusty fellows. Sired by Mass Chief, My Price, 50 SPRING BOARS (Matchless Perfection Jr., Oukhad's Prospect, T's Tecumseh and Perfect, a grandson of Corrector. We can fill your order. Address,

YOUNG & DUNCAN,

MADISON, NEBRASKA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of much size and flesh. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON,

DEFIANCE, IOWA.

40 Poland China Sows

AGED and tried sows, fall yearlings and spring gilts, all bred and safe in pig to Chief Perfection 1st 48029, Challenger 81225 and Prince Charming 93281 no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice late boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old.
J. L. Slick & Son, Lanark, Ill., on C., M. & St. P. R. R.

PIONEER HERD POLAND CHINA SWINE

W. Z. SWALLOW, BOONEVILLE, IOWA, Proprietor. I have 100 March and April pigs, sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

45 ROYALLY BRED POLAND CHINA BOARS.

SUITED by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are A1 boars.
J. C. Hoag, Manson, Ia.

LIVE STOCK AUCTIONEERS.

FRED REPPERT,
DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



GEO. P. BELLOWES

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

Col. Judd McGowan
CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A LIFETIME IN THE CATTLE BUSINESS.

A GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

C. C. KEIL, LADORA, IA.
LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

O. L. MOSSMAN,
POLK CITY, IOWA.

"THE auctioneer that makes good." Sales held anywhere. Write for dates; am booking them every day. Terms right. Phone 4115.

JAMES P. SPEARMAN, PAPILLION, NEB.
LIVE STOCK AUCTIONEER.

THOROUGHLY acquainted with pedigree and individual merit. Write me before booking dates

J. WEST JONES, CAREY M. JONES,
LENOX, IOWA, DAVENPORT, IOWA.

IOWA'S LIVE STOCK AUCTIONEERS.

Write before closing dates.

BERKSHIRE HOGS.

BERKSHIRE HOGS.

I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.

JOHN C. MILLER, - Harlan, Iowa

AGENTS wanted. Send 25 cents for sample Klinschert's Blue Stup Co., Lake City, Iowa.

HEREFORD CATTLE.

CHOICE HEREFORD COWS AND HEIFERS FOR SALE.



Beau Brummell 4th 194818 at 10 months.

COWS bred to or have calves at foot by Beau Brummell 4th, the greatest herd bull in Iowa. Will make attractive prices to early buyers. 5 choice bull calves, herd headers; will keep until weaned. Visitors will call at G. W. Way & Son's Hardware store in New Sharon where free conveyance will take them to farm. For particulars address, mentioning this paper.
G. W. WAY & SON, NEW SHARON, IOWA

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Juvv. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

W. L. Dodge, Hubbard, Neb.

WILLOW GROVE
HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Heslod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

WHEELER'S TABLEBACK
HEREFORDS.

BULLS, heifers and young cows for sale. Prices low, try me. New 25 foot cattle dipping tank for sale.

W. W. WHEELER, BOX H., HARLAN, IOWA.

REGISTERED HEREFORDS.

RICH in blood from the best families of the breed. Twenty bulls and a number of heifers for sale. Five individuals. Prices low. Inquire of A. Sewell & Son, Waverly, Iowa. R. H. Sewell, Manager.

BULLS FOR SALE! BULLS
REGISTERED HEREFORDS!

B. F. CLARK, ALBIA, IOWA.

HEREFORDS

10 BULLS, 25 cows and heifers at bargain prices to quick purchasers.
Edmonds, Shade & Co., Kingsley, Iowa.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southampton, son of Southampton (Imp.). Write me.
H. C. CUNNINGHAM, WESTON, MO.

When writing please mention this paper.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three, extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE, IOWA STATE COLLEGE, AMES, IOWA

FOR SALE.

10 CHOICE old sows, bred to Iowa Perfection 102717 to farrow from July 20 to Sept. 10, will weigh from 300 to 500 pounds and heavy bone.
George Regemitter, Bennett, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,
GEO. E. PATCH, Blandinsville, Illinois.

ESCHER'S BIG POLAND CHINAS.

WILL be ready about July 15 to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.
E. F. Escher, Manning, Iowa.

LEST YOU FORGET.

WE are booking orders for Poland China spring pigs to be shipped in August. They are sired by 7 great boars and out of dams that are as good as grow. Write describing your pig and price.
A. C. LANHAM, BATTLE CREEK, IA

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec., is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Dodo, and Blain's Tec. Everything guaranteed a breeder.
Robt. J. Peckham, Pawnee City, Neb.

Hamilton's Royally Bred Polands.
MY last sale averaged over \$50. My type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.
L. W. Hamilton, Kearney, Neb.

Choice lot of Spring Boars for Sale.
POLAND China pigs sired by Duke's Vonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall.
Jno. J. Schmal, Sutton, Nebraska.

TRIGGS' Big Polands. My herd is headed by Major M. 31527, the great boar that has a combination of great size and quality, and has proven a great breeder. Both his sire and dam will weigh over 1,000 pounds. He also will weigh 1,000 pounds in show condition. When you want a good, growthy pig, write your wants. J. R. Triggs, Dawson, Neb.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

FOR SALE, some bred sows and gilts for August and September farrow, also early spring and fall boars all from leading strains. Good individuals with plenty of bone. These are bargains for anyone. Everything as represented. Priced so any farmer can safely buy them. Address, C. C. Drake & Son, Terre Haute, Illinois.

DORR'S POLAND CHINA BOARS.

115 SPRING pigs, 17 cracking good fall boars sired by Dorr's Tecumseh, Keep On and Indiana King. My prices are within reach of all.
HENRY DORR, REMSEN, IA.

PRITCHARD'S POLAND CHINAS.

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.
DR. H. PRITCHARD, - WISNER, NEB.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Kean On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines, Uneda Thicket, a son of the noted boar Thicket, and Standard Tecumseh. Can sell you anything you want. Write me.
W. N. Booth, Danbury, Iowa.

When writing please mention this paper.

SHORT-HORN CATTLE

Twenty-eighth Annual Sale Event

AT THE

WALNUT HILL BREEDING FARM

Thursday, August 16, 1906

Fifty head of females are listed from the most popular families of pure Scotch and pure Bates represented at Walnut Hill. Ten very choice young bulls, including herd headers of absolutely high individual merit, from both Bates and Scotch strains. In this offering is listed a very large proportion of early maturing, milk and beef Short-horns in the Scotch and Bates bred lines and it will without doubt be an event which must attract the more thoughtful Short-horn breeders.

The sale will be held at Walnut Hill Farm, where every possible comfort will be provided for our guests on sale day. Parties from a distance will be provided with free entertainment at the Wellington Hotel in Des Moines.

Catalogs containing all the pedigrees of the cattle to be sold, together with full information concerning the sale, will be mailed to applicants.

LORD CARDINAL.

Red; calved Sept. 4, 1905.

DAMS.	SIRE.	BREEDERS.
Lady Niagara	Got by Scottish Victor 133330	C. B. Dustin
Imp. Lady Douglas	Spartan Royal 121210	M. E. Jones
Lady Cromwell	Lord Douglas 132003	Wm. Duthie
Miss Cromwell	Alhion 95912	W. S. Marr
Lady Dalhousie	Comet 96635	J. Murray
Bella 3d	Cassius 96626	Mr. Mackle
Missie	Nobility 96636	Mr. Chalmers
Bella	Banker 96033	Mr. Longmore
Jessie	Coeur de Leon 2d 96786	G. Milne
Kate	California 25830	Mr. Hay
Rosa	Bang 64865	Mr. Hay
Lady	Duplicate Duke (6952)	Grant Duff
Miss Ramsden	Sir Thomas Fairfax (5196)	Mr. Whitaker
	Duke (3630)	Sir J. Ramsden

NOTE:—This grandly-bred Scotch bull promises to make a herd header of note. We consider him a calf of outstanding merits.

MAJESTIC EARL.

Roan; calved April 14, 1905.

DAMS.	SIRE.	BREEDERS.
Imp. Lady Mary 16th	Got by Lady's Earl 217021	E. S. Donahay
Lady Mary 14th	Maximus 140018	James Black
Lady Mary 13th	Mountain Gem 145341	W. S. Marr
Lady Mary 5th	Prince Rupert 144653	A. Davidson
Lady Mary 2d	Lord Chelmsford 99162	J. Bruce
Maid of Inchroom	Caractacus 139621	A. Longmore
Snowberry	Vampire 101140	A. Cruickshank
Princess	Wizard 145346	W. Sterling
	Talpa 145344	Buchan Syderiff
	Report (10704)	S. Wiley
	Dalkeith	not given

NOTE:—Majestic Earl has for dam one of the best Scotch-bred matrons of this herd and he promises to make a splendid Short-horn sire.

LORD AVON 2d 219848.

Red; calved June 23, 1903.

DAMS.	SIRE.	BREEDERS.
Alcatraz 3d	Got by Golden Lord 119422	Col. Harris
Alcatraz	Highland Chief 119611	J. A. Cole
Andromeda	King James 103902	D. Cookson & Sons
Imp. Autumn Glade	Imp. Thistle Top 83876	A. Cruickshank
Amaranth	Cumberland (46144)	A. Cruickshank
Amaryllis	Barmpton (37763)	A. Cruickshank
Azalea	Lord Lancaster (26066)	A. Cruickshank
Anemone	Caesar Augustus (25704)	A. Cruickshank
	Forth (17866)	Sir W. S. Maxwell

NOTE:—This is a very neat young bull, a show winner in good company, rich in Cruickshank blood, and from the heaviest milking Scotch family in this herd.

CHIEF DOUGLAS.

Roan; calved Sept. 1, 1905.

DAMS.	SIRE.	BREEDERS.
Imp. Maria 2d	Got by Scottish Victor 133330	C. B. Dustin
Lily	Roscommon 150464	Geo. Bruce
Maria	Matador 144753	J. Wilson
Ruby	Nalra 150159	J. B. Marshall
Sweet Briar	Sol 144754	Dowager Countess of Seafield
Cashmere	Nimrod 144862	A. Scott
Casket	Duke of Chaburgh 134524	J. Outhwaite
Countess 2d	Magnet 130845	Duke of Buccleuth
Countess	Loyalty 144856	A. Cruickshank
Lady Hay	Duke of Bedford (23722)	A. Cruickshank
Arahella	Bertram 90613	G. Shepherd
Young Juno	Young Sovereign 139900	A. Cruickshank
	The Peer (5455)	Mr. Crofton

NOTE:—This is a very deep bodied, smooth calf, with plenty of style and substance, and promises to make a herd header of merit.

PRINCE WILD EYES 4th.

Red; calved May 23, 1905.

DAMS.	SIRE.	BREEDERS.
Wild Eyes 73d	Got by Grand D. of Enterprise 143818	Bigler & Sons
Wild Eyes 50th	Aldrie D. of Hazelhurst 117846	Elbert & Fall
Wild Eyes 38th	Winsome Duke 3d 72207	H. M. Vaile
Imp. Wild Eyes 34th	31st Duke of Airdrie 50831	A. J. Alexander
Wild Eyes 26th	14th D. of Oxford (21605)	Duke of Devonshire
Wild Eyes 21st	Oxford Wild Eyes (24716)	T. Atherton
Wild Eyes 19th	Lord Stanley (14854)	W. G. Barthorp
Wild Eyes 16th	Solon (13766)	Featherstonhaugh
Wild Eyes 15th	2d Duke of Oxford (9046)	T. Bates
Wild Eyes 8th	4th Duke of Northumberland (3649)	T. Bates
Wild Eyes 2d	Duke of Northumberland (1940)	T. Bates
Wild Eyes 1st	Belvedere (1706)	J. Stephenson
	Emperor (1975)	J. Parrington

NOTE:—This choicely-bred Bates bull promises to make a sire good enough to head the best Short-horn herd in the land. His full brother, Crown Prince Wild Eyes, is retained as stock bull at Walnut Hill. His dam, Wild Eyes 73d, is a grand specimen of the broad-backed, heavy-milking, Bates-bred matron and ranks fully up to the costliest imported cows in the herd. Anyone wanting a Bates-bred herd header should see this bull.

Col. F. M. Woods,
" Geo. P. Bellows,
" A. R. Guy,

Auctioneers.

FLYNN FARM COMPANY,
R. F. D. NO. 5, DES MOINES, IOWA.



VOL. LI. NO. 32.

DES MOINES, IOWA, AUGUST 9, 1906.

WHOLE NO. 2560.

BEAUTY AS APPLIED TO CORN.

In the first annual report of the Kansas Corn Breeders' Association there appears a paper on the subject, "Practical vs. Fancy Points in Corn Judging," by Prof. J. T. Willard, of the Kansas Agricultural College. Speaking of the score card Professor Willard says:

The score cards emphasize points that have much to do with the beauty of the individual ear, but which have little or no bearing upon its practical value. Varieties are judged with reference to an arbitrary standard selected as a type, notwithstanding the well-known fact that the type of any variety of corn is altered by a change of climatic relations. It is insisted upon that the ends of the cob must be well covered with grain; that white corn have white cobs and yellow corn red cobs, and that the rows must be straight. All these are merely fancy points, conformity to which does not insure, nor even tend toward, a maximum production of nutriment per acre. It might even be argued that possession of a cob which is not always filled to the utmost limit is a variety characteristic to be sought rather than to be discarded, since it indicates a habit of growth which in favorable seasons might be taken advantage of to extend the length of the rows of grain.

We take issue with Professor Willard on a number of points mentioned in the above extract. In the first place, take the color of cob. Professor Willard says that this is a fancy point and that it does not insure, nor even tend toward, a maximum production of nutriment per acre. We claim that it does "tend toward" this end. What does a white cob in a yellow variety mean? It means that at some time in its past this corn has been mixed with a white variety. This being true, it stands to reason that there will not be the same uniformity in the crop as would be the case if it were more nearly pure bred. It is just as sensible to say that the cross-bred animal will produce as satisfactory and as uniform results in breeding as the pure-bred as it is to say that a cross-bred corn will yield as good returns as the variety that is more nearly pure. There might be exceptions, as in the animal kingdom, where the grade will give as satisfactory returns as the pure-bred, but in the great majority of instances this will not be the case.

Again, Professor Willard says that having straight rows does not even tend toward a maximum product. His teaching on this point is absolutely erroneous. Straight rows are advised in selection because this means uniform grain; that is, grain that is uniform in size and shape. When such grain is placed in the planter it can be planted uniformly, and we would like to ask if a uniform stand of corn does not contribute more to maximum production than one that is not planted uniformly?

We do not state that any score card yet designed is perfect, but we do say most emphatically that the use of the score card has done much to improve the character of the corn in the central West. We quote another statement from Professor Willard:

Corn judging will lack very much of being on a practical basis until a variety is judged by its crop-producing power first. The chemical composition of the crop produced is the next consideration, after which accessory and fancy points may receive some attention.

We agree that the yield per acre and chemical composition of the crop are the main objects sought by the crop grower, at the same time we believe that important means to this end should be kept in mind by the grower, and in this regard the score card has contributed its share. Then, after all, there is money in beauty points in corn apart from the fact that they contribute to

yield per acre. Go onto the markets of a big city with a load of corn grown from acclimated pure-bred seed and you will command from two to five cents more per bushel than will the other fellow who is on the same market with ordinary corn. You can imagine a case where the inferior-looking corn might yield as much and be as rich as the good corn, but it does not command the price.

The principal weakness of the corn in the central West at the present time is that it lacks in uniformity. Let our agricultural colleges and experiment stations proceed to teach our people how to make it uniform. The use of the score card is doing this splendidly and we are in favor of letting the good work go on.

FORCING YOUNG ANIMALS.

Improvement in our various breeds of live stock has been brought about by the operation of two agencies; namely, liberal feeding and sensible selection. The one is the counterpart of the other,

and a new era of progress will be ushered in.

The best results can only be obtained by starting right with the young animal. In the case of beef cattle, whether raised for the block or for breeding purposes, a good start during the first six months of an animal's life is half the battle. Let a calf be well thickened up in flesh before it is weaned, and there will be little difficulty in carrying it on as a yearling and two-year-old in a condition that favors all-round development to the greatest possible extent. The beef calf must have plenty of grain, not only before, but after it is weaned. There may be a time, if pastures are good, that grass alone will be sufficient for a few weeks, but under ordinary circumstances there is money in feeding grain to the beef animal almost continuously.

In the case of hogs it is easier to overdo matters in the way of feeding. This is especially true with the fat breeds, and as a consequence fat-producing foods must be fed with a spare hand, otherwise the fullest development may

sows that will take through a big litter without making it profitable to feed the little fellows some grain before they are weaned, and considerable meal in the form of slop after the weaning period. The one object that should be kept in mind at all times is to maintain a maximum degree of growth in bone and flesh, thereby laying the right kind of a foundation, either for an animal intended for the block or one to be used for breeding purposes. By the sensible use of good pastures it is not too much to expect to make a pound of gain on a thrifty young pig for every pound of grain consumed. Do not understand us to say that any animal can make a pound of gain from a pound of feed, our claim being only that the thrifty animal will supplement the grain with enough pasture to make the gain mentioned. Of course no animal will do this during the first few weeks, or in fact the first few months of its life, but it will do it if sensibly handled after it has been given a good start.

HOW TO DEAL WITH STUBBLE FIELDS.

There are usually about four months of growing weather after cereal crops are removed. This is ample time for annual weeds to mature seed. Foxtail usually comes on and fairly covers the soil, while morning glory and, possibly the worst of all, cocklebur flourish. Many a man is too busy to get his plowing done early, and as a result he finds that his small grain area is given a fairly good seeding down to weeds of various kinds.

It stands to reason, therefore, that stubble land should be plowed early in the fall. In addition to the destruction of weeds that is wrought by early plowing, the soil is benefited inasmuch as the effect is much the same as the summer follow. Unquestionably fertility is liberated during the fall months, and this will have its effect in increasing the yield the following year.

Ordinarily throughout a considerable part of the central West the conservation of moisture during the fall months is not regarded as of very great importance, and yet we believe this will be emphasized more in the future than in the past. Stubble land becomes very harsh and considerably baked when it is left untouched after the crop is removed. If it is plowed, even though the surface is somewhat lumpy, the conditions are such that it usually works down into a friable condition. Many annual weeds may start during the fall months and this is in itself an important advantage, because everyone that starts will be killed by the frosts of winter.

It must be acknowledged that a certain amount of loss takes place when the soils are plowed early in the fall. Humus is broken down and, as said before, fertility is liberated. Nevertheless, we believe that the greater degree of availability of the elements contained in the soil at early plowing more than offsets the disadvantage that results from the loss of fertility.

CHANGING BREEDS.

No single breed of live stock is possessed of all the virtues of the species, nor are all the faults wrapped up in a single breed. No question is submitted to us more frequently than that relating to the matter of breeds. "Which do you regard as the best breed of beef cattle, hogs or horses?" is the common form of inquiry. To this we always re-



THE PEORIA LEXINGTON STEEL RANGE.

Manufactured by Culter & Proctor Stove Co., of Peoria, Ill.

A full line of steel ranges and stoves will be exhibited at the Iowa State Fair. See page 4

and the individual who aims to hold the improvement that has already been made or to progress still farther, must emphasize equally these two factors.

It stands to reason that an animal whose ancestry has been liberally fed for a period of half a century is unfit by inheritance to make satisfactory development unless supplied with plenty of nourishing food. Let this principle become established in the minds of all men who are engaged in raising live stock

be checked. Our most successful swine breeders aim to keep their pigs straight and strong until they are six or seven months old. They use bulky foods to a considerable extent, and these always include plenty of grass or other green crops. The young pig that is fed heavily on corn and allowed but little pasture may look a little better while young, but the outcome is never so satisfactory as it is in the other case.

In our opinion there are very few

ply that there is no best breed. The fundamental principle that should guide a man in choosing a breed in the first place is his own tastes or instincts. No man will ever make a decided success in any business that he does not like, and this is particularly true as applied to live stock affairs.

Nothing is more common than to see men who handle one breed of live stock this year, particularly hogs, changing to another next year. They do this because the first breed was not sufficiently profitable to suit them, or it may be that the animals did not reach the desired weight at a certain age. A neighbor does much better with another breed, and the natural thing is to make a change.

We do not say that it is never advisable to change after one has made a reasonably good start along a given line. However, on general principles, we advise holding to one breed for at least a period of five years. Of course in the case of cattle and horses it is a serious matter to change, even in so short a time as this, but as applied to hogs one can make a change without involving any serious expense. We say five years because this gives a man the opportunity to breed up something according to his own ideals. If with good care he then fails, he is certainly justified in making a change.

But many of the faults that are credited to the breed are due to improper methods of feeding. Take the matter of prolific qualities. One or two breeds of our hogs are noted for their lack in this regard, and yet at the same time in every township of the central West may be found a number of men who are able to raise an average of seven or eight pigs per sow, using the very breed that is most denounced for its weakness in this respect. These men who succeed use a sensible system of feeding. Invariably they make freer use of the cereals and do not feed corn so heavily. By using oats, barley or rye in conjunction with mill feeds during the gestation period, even fat, heavy sows may often be brought through in the very best condition to raise large litters. These same sows put on a corn ration will frequently not raise enough pigs to pay for their own keep. We have in mind one herd where a number of sows had three and four pigs, though just as many may be called to mind where the average was seven or eight.

Before changing breeds, therefore, we suggest that special pains be taken with one crop of young pigs in feeding them for breeding purposes. Use bulky foods as much as possible when they are young and make the greater part of the growth the first year on pasture, oats, mill feeds and the concentrated meals, such as oil meal and tankage. If young sows fed on such a ration do not farrow on an average of seven or eight pigs, then we would at least change the strain if not the breed. In any event, we would not advise taking up a breed that one naturally does not like.

FALL SOWN ALFALFA.

Throughout a considerable part of the corn belt, alfalfa may be seeded in the fall with reasonable expectation of having it come through the winter in good condition. If the crop is started sufficiently early so that strong, deep roots are developed, there is not much danger of heaving during the winter and early spring months.

It must be remembered, however, that while alfalfa at all times requires an exceedingly well prepared seed bed, special pains must be taken to have conditions right when it is sown in the fall. Usually an oat, barley or spring wheat stubble is what is chosen for alfalfa. As soon as the cereal crop is removed it is a good plan to disk the land once or twice. This corresponds to the prac-

tice of disking corn land before it is plowed, the effect being to create a mulch which not only conserves moisture at the time, but when plowed under afterwards assists much in the making of a fine, firm seed bed.

Plowing need not be done deeply, four or five inches being sufficient. The harrow should follow as soon as the land is plowed, and one should watch his chance and if possible go over the land after every shower. This tends to conserve moisture at a critical time, and it also brings the seed bed into the best possible condition.

Seeding is usually done in August, though it frequently happens that there is not sufficient moisture to germinate the seed until the month of September. In case there is enough moisture in the soil to bring on the crop at once, alfalfa will make considerable top before winter and a rank surface growth means a strong root development. A crop that gets to be six or eight inches tall before the ground freezes stands an excellent chance of coming through the winter in good shape. Such annual weeds as are germinated along with the alfalfa are killed off by the frost, so that the crop has less opposition in the spring from weeds than is the case where it is seeded in the spring.

It is not too much to expect that alfalfa seeded in the manner described, at the rate of fifteen or twenty pounds per acre, will furnish excellent pasture the following year for hogs. If it is not convenient to pasture it there may be one or two cuttings. In this way one does not lose a year in establishing a crop, but obtains something for the outlay for seed and labor at once.

F. D. COBURN ON ADVERTISING.

No man's opinion on agricultural matters, as applied to corn-belt conditions, is more highly regarded than that of Secretary F. D. Coburn, of the Kansas Board of Agriculture. When he writes a report he fills it with interesting material that is very much to the point; when he prepares a platform address he starts in by saying something and stops before the audience is ready for the close.

Some time ago Mr. Coburn was invited

to give an address before a body of advertising men in Chicago on the subject of advertising. In part Mr. Coburn said:

By many publicity and advertising are regarded as synonymous, and publicity looked upon as the aim, purpose and end of advertising. Publicity and advertising, in the more comprehensive meaning of advertising, may be as divergent as the poles. Publicity is advertising, but only in a restricted, narrow, meager sense. Publicity alone may be cold, heartless and even repellent; it breathes no warmth; it announces, but no more. Advertising that does not attract, influence, persuade, tempt, inspire, induce, convince, captivate, that is not magnetic, is the product of an abortion and still born. Its usefulness is that of a locomotive without steam, a furnace without fire, or a woman without a heart.

Half the money spent for publicity might as well be consumed by fire, in so far as are concerned appreciably beneficial results to the spender. Probably two-thirds of the money spent for publicity has been virtually wasted, except as it was a benefaction to those through whose hands it passed or in whose trousers it found lodgment. Yet, not half the money that might advantageously

Rex Flintkote ROOFING

For Fire

Rex Flintkote Roofing is the best protection against fire. It keeps outside fires from getting in, and inside fires from getting out. It is not a tarred paper, but a close pressed wool-felt, treated with our special water and fire-resisting compound. Fire-brands falling upon it smoulder and die. Fires started in buildings roofed with Rex Flintkote have consumed half the rafters, and still left the roofing intact.

For Water

Rex Flintkote keeps poultry and hay from destruction by wet; even slush may lie indefinitely upon Rex Flintkote and not a drop will penetrate.

Samples FREE with booklet on roofing. Our special red paint produces artistic effects on Rex Flintkote. Include 4 cents in stamps for book, "How to Make Poultry Pay."

J. A. & W. Bird & Co., 85 India St., Boston

Chicago Office: 222 Lake Street



be used to bring buyer and seller together is devoted to such purposes.

All advertising, to accomplish a good purpose, must be built on integrity. Its sponsors must be able to deliver the goods, of the kind and quality promised, in full measure. As to expense, high-cost advertising may be entirely reasonable, while that which looks low priced may be absurdly high.

Striking illustrations of the idea that half to two-thirds of the money for publicity is thrown away are afforded by calendars, desk blotters, lead pencils, tape measures, fans, badges and buttons. Well-nigh millions are disbursed every year for gimcracks, gewgaws and trumpery of this class, and I believe such expenditures never returned ten cents on the dollar and never will. This, too, in the face of the fact that usually the recipient accepts, uses and is in a way thankful for the gift. Yet that it in any effective way persuades him to buy your wares or even makes him specially think of you or of them I regard as a beguiling fallacy. He may have the calendar, blotter or pencil constantly before him, but the legend or name it bears is read only at the moment, if at all, to forget and never to heed. I use on my own desk for example, the blotters which this or that insurance company supplies in generous bundles, but they are never perused. I never know what company they are supposed to speak for, and I am no more influenced by them than by the paper on the wall. I look elsewhere and not to such sources for information; if I do not read them they do not inform me, and if not informed I am not persuaded to be a patron. Their gift does not, as is supposed, secure my friendship, for no man whose friendship is of any cash value gives it in return for barter so unsubstantial.

I would rather, for business-building and business-getting, have three lines of well-placed, favorable reading notice, looking as if they were the expression of a reputable journal, in the right territory, in the right season, than a bale of blotters, a dray-load of calendars, and a badge or button for everyone silly enough to lend himself as sandwich man for my uses.

We have just one word of comment to offer on the above extract, namely, that of making integrity the basis of all advertising. For a time it may be possible to hoodwink the public, but eventually the public will get even with you. We doubt if any class of advertisers come as near giving full value to their customers as do breeders of pure-bred stock, and for the very reason that men on the farm as a rule do not care to have their integrity questioned. At the same time perfection has not been attained. Sometimes a fraud is unwittingly perpetrated on a buyer because the seller is a poor judge of live stock himself, while there are cases where pure-bred animals that should be slaughtered are sent out as breeders. In the long run, the man who follows up his advertising by sending out only animals that come up to a high standard, feeding out the balance for another market, will come out on top finally.

HARVEST HANDS—NORTHWEST.

For parties of five traveling together on one ticket, The Chicago Great Western Railway will have on sale the entire month of August tickets at rate of \$14.50 per capita to nearly all points on the Great Northern, North Pacific and Soo Lines in Minnesota, North and South Dakota. On the return trip, rate will be \$1.50 higher. For full particulars address E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

\$5.95 TO MINNEAPOLIS AND RETURN

Via Chicago Great Western Railway, account G. A. R. Encampment August 13th to 15th. Tickets on sale after August 11th. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

EXCURSION TICKETS TO MILWAUKEE, WIS.

Via the North-Western Line, will be sold August 12th, 13th and 14th, with favorable return limits, on account of Grand Aerie, Fraternal Order of Eagles. Apply to agents Chicago & North-Western Ry.



A PROMINENT ILLINOIS DUROC BREEDER.

Mr. Ed A. Baxter, of Pawnee, Ill., proprietor of the Pawnee herd of Duroc Jerseys, at the head of which stands Buddy K. IV., the first-prize and sweepstakes boar at Illinois State Fair, 1905. See Field Notes.



G.1996

FREE

This solid Gold Plated Watch, including chain, to those that follow our instructions. Full particulars and "A Golden Trail" explaining how a fortune may be made will be mailed upon receipt of your address. Write today—all classes, men or women.

F. E. DURAND & COMPANY,
1030 First National Bank Bldg.,
CHICAGO

Farm Furrows

Turned by a Practical Farmer.

Crows are enemies of farmers. This should be understood.

The pasture is a pig's paradise. The pig does not know it, but the owner ought to.

Sam says he has practiced watering his cows early and often to prevent them from going dry.

Runt pigs and calves are good for nothing except as time-killers. As a rule it does not pay to take care of them.

The old hen should have a chance to scratch—but not in the garden or flower beds. Usually such places are very inviting.

Potato parings and water do not constitute the best ration for building backbone in hogs. It may do to make "spare rib."

The old, worn-out mower will be just the thing for mowing the roadsides. A good mower may be spoiled if used for such purposes.

Quick growth is not most desirable in a colt. What is needed is steady growth. A colt can't be a colt one year and a horse the next.

The man who depends on barrels for storing or shipping his apple crop can not get them too soon. There will be a scarcity of them later on.

It is like pulling teeth to get a farmer to leave his stacking and help a neighbor thrash. There ought to be some rule for neighbors to go by in this practice.

Have the weeds increased steadily in your meadow? If so it is probably due to making hay too late when the seeds of most weeds have ripened and become troublesome.

A weak place in the harness should not be neglected, and especially if in the lines or the tugs. A man gets into a scrape sometimes when he has but one line on his team.

The gentle bull with a stamp of innocence on his countenance should be watched closely. A gentle bull can go wrong very suddenly and sometimes it may be when one is not watching.

There have been only two times in the past twenty years when hogs have been higher than they are at present. The crop of spring pigs is light and the prospects look bright for a maintenance of good prices.

Market prices for certain products always answer as a factor to keep men from embarking in their production. They will say the prices are too low, and when they get high they can't get in the business. Is this the best policy?

A friend of mine was such a poor writer that he bought a typewriter, and it was then discovered that he was even a much poorer speller than he was a writer. It is important that children learn to spell and write while in school.

One dog iron said to another one hot day: "There is not much for us to do these days; let us go up in the garret and wait for some crazy relic-hunter to come along." Once dog irons were a necessity; now they are an ornament in some homes.

The cotton picking machine, the milking machine and the corn husking machine are still in their incipency. It is barely possible that genius will some time present us with machines that will perform such work as well or even better than can be done at present by hand. The latest machine to supplant hand work is the sheep shearing machine, which has come to stay.

The Iowa State Fair will have an air ship this year at the fair and the operator will fly from the fair ground to the capitol, going away above the dome of that great building, and will fly all over the city and return. People who attend the fair will not be disappointed, for I saw this same man flying about for six days while in attendance at the World's Fair at St. Louis two years

ago. This will be a sight that one can afford to go many miles to see.

The horse breeder who is looking for the best stallion will do well to pay some attention to the dam. To have a reasonable assurance of obtaining good colts they must be the fruit of a good dam.

It requires plenty of patience to work about horses in fly time and not get mad. When hitching the tugs there will be great activity of the tail, and if the man has not the best of control over his temper he is liable to do something he should not do.

I like to see a carpet sweeper in homes where there is carpet to sweep. The rug business is calculated to take away some of the functions of this up-to-date implement. The easiest way to clean a rug is to take it out of doors and give it what Paddy gave the drum.

As a rule I do not bother moles. They seldom do much mischief for me. This year they are more troublesome than ever before. I found one working in my lawn. I pulled the hose out to where he was working, inserted it in his burrow, and in less than a minute I had Mr. Mole.

Before many years there will be a greater demand for corn. This does not necessarily mean that there will be a greater acreage, but a greater yield. Denatured alcohol will help make a demand for it. This means that the acres in the corn belt will have to be farmed better.

Just imagine a farm paper giving directions how to cure a sun-burned face. A farmer who goes about his business as he should is seldom bothered with a sun-burned face. Occasionally he will have his shoulders burned if there is a hole in his shirt, but never his face. His face is immune from the rays of the sun.

The gigantic press of The Homestead will be seen in operation on Thursday of State Fair week and all of our readers are invited to see it at that time. To those who have not seen a press of this kind in operation it will be a rare sight. Visit our new and commodious home at the northwest corner of Third and Locust streets.

I heard a farmer say the other day: "If I were ever so rich I would not make cement floors for my horses and cows to lie on. I believe it brings on rheumatism and other ailments, no matter how much litter is strewn on them." The soft side of a good plank makes an ideal place for a cow or a horse, if kept in good condition.

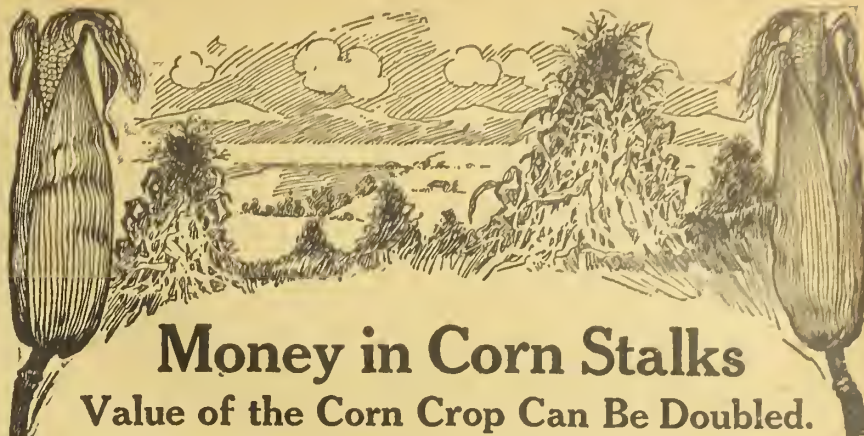
A claim is made that the mule-footed hog is proof against cholera. It seems to me that I have heard claims made that other breeds were cholera proof. I remember that it was once said of the razor-back, but I know that they will die. Let a healthy cholera germ get at one of these mule-footed hogs and see how quick it will get him.

The usual special inducements will be offered all farmers and their families who wish to attend the Iowa State Fair the last week in August by selling six admissions for \$2. Nobody but campers can get this rate. Free camping grounds, free shade and free water will be provided all who wish to camp. No finer camping grounds can be found anywhere. Two firms will supply tents, cots and other camp equipment at reasonable prices.

I have a secret that I do not wish to publish so everyone may know it, but I'm going to tell you about it. Please do not tell anyone. I scattered some rat biscuit on the top of my porch and it is wonderful the decrease in population of English sparrows about the premises. Other birds do not frequent such places. Another good place to scatter the rat biscuit is in the rain spouts, provided the water is not used in a cistern. I have no compromise to make with sparrows.

Reinforced Concrete Fence Posts.

There is a constantly increasing demand for some form of fence post which is not subject to decay. The life of wooden posts is very limited, and the scarcity of suitable timber in many localities has made it imperative to find a substitute. A fence post, to prove thoroughly satisfactory, must fulfill



Money in Corn Stalks

Value of the Corn Crop Can Be Doubled.

When your corn is ready to be harvested, if you have an average crop, the fodder will represent about as much value as the ears.

This is a conservative statement, based on the actual feeding value of corn when cut at the right time and properly husked and shredded.

It is now pretty generally known that when corn reaches maturity, about 60% of its feeding value is in the ears, while the remaining 40% is in the leaves, husks and stalks.

Our Government Experiment Stations have proved this by chemical analysis, and have been teaching it to the farmers for a long time.

Have you benefited by their teaching and by the practical experience of thousands of dairymen who have adopted the double profit method of handling the corn crop?

The double profit method is this—just when the ears begin to glaze, the field should be gone over as rapidly as possible with a good corn harvester and binder or harvester and shocker—the right machine will do the work quickly.

In this way you can harvest the whole crop while both the fodder and ears have the most feeding value.

After the corn has been cut, you can run it through the husker and shredder at your convenience—this work is usually done in the fall and winter months.

A good crop of corn yields about two tons of stover per acre. Our Experiment Stations and other practical feeders find that stover is nearly equal to good timothy hay, so it doesn't matter whether there is a market for your stover or not. You can sell your hay and feed your stover.

McCormick, Deering, Milwaukee, Champion and Osborne Corn Binders; Deering, McCormick and Plano Huskers and Shredders.

In each of these machines you have all the advantages made possible by the unequalled manufacturing facilities of the International Harvester Company.

The International Harvester Company owns its own timber lands and saw mills, its own iron and coal mines, its own coke plants and rolling mills, from which it produces a large percentage of all raw materials used, selecting in every instance only the best material and working it out in the best way in the above great manufacturing plants. These are advantages which no buyer can afford to overlook.

The international lines are represented by different dealers in your town. Call on them for catalogues and investigate these machines.

International Harvester Company of America, Chicago, Ill.
(INCORPORATED)

three conditions: First, it must be obtainable at a reasonable cost; second, it must possess sufficient strength to meet the demands of general farm use; third, it must not be subject to decay and must be able to withstand successfully the effects of water, frost and fire. Although iron posts of various designs are frequently used for ornamental purposes, their adoption for general farm use is prohibited by their excessive cost. Then, too, iron posts exposed to the weather are subject to corrosion, to prevent which they should be repainted from time to time, and this item will entail considerable expense in cases where a large number of posts are to be used.

At the present time the material which seems most nearly to meet these requirements is reinforced concrete. The idea of constructing fence posts of concrete reinforced with iron or steel is by no means a new one, but on the contrary such posts have been experimented with for years, and a great number of patents have been issued covering many of the possible forms of reinforcement. It is frequently stated that a reinforced concrete post can be made and put in the ground for the same price as a wooden post. Of course this will depend in any locality upon the relative value of wood and the various materials which go to make up the concrete post, but in the great majority of cases, wood will prove the cheaper material in regard to first

cost. On the other hand, a concrete post will last indefinitely, its strength increasing with age, whereas the wooden post must be replaced at short intervals, probably making it more expensive in the long run.

In regard to strength, it must be borne in mind that it is not practicable to make concrete fence posts as strong as wooden posts of the same size; but since wooden posts, as a rule, are many times stronger than is necessary, this difference in strength should not condemn the use of reinforced concrete for this purpose. Moreover, strength in many cases is of little importance, the fence being used only as a dividing line, and in such cases small concrete posts provide ample strength and present a very uniform and neat appearance. In any case, to enable concrete posts to withstand the loads they are called upon to carry, sufficient strength may be secured by means of reinforcement, and where great strength is required this may be obtained by using a larger post with a greater proportion of metal and well braced, as is usual in such cases. In point of durability, concrete is unsurpassed by any material of construction. It offers a perfect protection to the metal reinforcement and is not itself affected by exposure, so that a post constructed of concrete reinforced with steel will last indefinitely and require no attention in the way of repairs.—(Farmers' Bulletin.)

THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

SOME SUGGESTIONS ON USE OF THE KING DRAG.

A good roads bulletin recently published by the Missouri State Board of Agriculture, and prepared by Mr. D. Ward King himself, contains much excellent advice which, if followed, would radically improve the roads of the corn belt. Mr. King devotes a page of his bulletin to what he calls "Suggestions," which are as follows:

As a general rule, always haul the drag at an angle of forty-five degrees, moving the dirt to the center of the road. The action of the drag is covered by four things:

First, the length of the chain, which is regulated by slipping it backward or forward through the hole in ditch end of drag. The length of the chain regulates the hold taken on the earth. To make the chain longer is equivalent to putting weight on the drag. If your drag is too heavy, shorten the chain.

Second, the position of the snatch hook, which attaches the doubletrees. To move such dirt, or cut small weeds, hitch the hook close to the ditch end of drag and stand as nearly on the end of the front slab as is safe. Drive very slowly when thus hitched. This one hitch seems to

be the hardest to learn. The others suggest themselves.

Third, position of the driver on the drag. To move dirt see above. In a soft spot stand on rear slab. On a hard spot stand on front slab and drive slowly. If the drag clogs with straw, weeds, sod or mud, step to a point as far as you can get from ditch and to other extreme. To fill a low place or mud hole nicely is the severest test of skill with the drag.

Fourth, presence or absence and sharpness or dullness of the steel. The steel may project half an inch below the wood at the ditch end of the steel, but should come up flush with the wood at other end of steel. After a clay or gumbo road has been dragged four or five years the soil becomes so tough and putty-like that one must study it closely to know what to do. Sometimes we use sharp edge of steel; sometimes dull edge (holes are bored in both edges of steel so that you can turn it upside down and use same bolt holes), and sometimes the plain wood.

This can be learned only by experience, and you have several years in which to study the problem.

Why do you "Hide Your Light Under a Bushel?" is the subject of this week's chapter of the continued story by the Litchfield Mfg. Co. Read it and watch this space next week.

CULTER & PROCTOR STOVE COMPANY.

On our first page we show the celebrated Peoria Lexington Steel Range, manufactured by Messrs. Culter & Proctor Stove Company, of Peoria, Ill., makers of high-grade steel ranges and cooks, cast ranges and cooks and heaters of all kinds. The company have an enviable reputation of forty years' standing for making high-grade goods. Commencing the manufacture of stoves in 1856, at their present location, Fayette and Water streets, Peoria, the business has grown each year, calling for more room until they have taken up the entire block from Fayette to Hamilton streets, which site is covered by five-story buildings. An inspection of this complete plant would convince anyone that every care was taken and no expense spared in their efforts to produce the very best only. The very latest improvements in machinery are installed, only skilled labor employed and only the best of materials of all kinds used. The closest attention is paid to every detail and all goods closely inspected. They pride themselves on the durability of their goods, the mounting, fitting, nickeling and general, handsome, attractive appearance. They endeavor to keep their line right up to date in every respect and are constantly putting new goods on the market, all of which are thoroughly tested before marketed, so if you want the best, look for the name, Culter & Proctor Stove Company, which will be found on each and every stove. This company enjoy a large trade on their steel ranges, of which the Peoria Lexington is their leader and special pride. A range that stands alone as the acme of perfection in family ranges. Everything of the best is used in the construction of these ranges. The outside body is made of the very best obtainable heavy anti-rust plished steel that will retain its luster; has double walls of heavy steel lined with heavy asbestos mill board; hand riveted every two inches with steeple head rivets. The oven door hinge is put on with square head machine bolts through cast plate on inside, making it perfectly tight and rigid; cannot work loose. The catch for oven door and cast top of range are fastened on in the same way. All parts coming in contact with fire or intense heat are protected with cast iron plates with asbestos mill board between cast plates and steel. Top oven plate is covered with asbestos protected with cast iron frame; has perfect operating slide damper (original with this company) and found only in their Peoria Lexington, Sterling Lexington and Wabash steel ranges and Peoria Lexington cast ranges. Has large fire box lined with heavy sectional linings; duplex grate which can be reversed for wood; grate is easily removed and replaced without disturbing the fire box linings or water front. Has deep ash pit, so ashes cannot hank up and cause grates to burn out. Large, balled ash pan and ash chute to guide all ashes into pan. Cast iron back flue or smoke box. Has patented non-breakable drop oven door, perfectly balanced. Will remain open at any angle and when dropped to horizontal position is a perfect and substantial oven shelf. Has double flue bottom which holds heat in oven and insures quick, even baking. Has thermometer in oven door. Has handsome substantial cast base; nickel ornamentation very elaborate, elegant and attractive. Their Sterling Lexington, Wabash and Active Mascot steel ranges are made of same high-grade material and with same care as the famous Peoria Lexington and will be found to equal the best steel ranges made by other manufacturers. The Regal Peoria hard coal base burner is a new design and strictly high-grade modern stove, having all the latest improvements of practical value in a base burner. Very economical and a powerful base heater by reason of their perfect flue construction which throws heat over entire base, utilizing all heat. The hot air circulating flue draws cold air from the floor and in its passage through the heated base, up and through back flue to hot air exit the air becomes thoroughly heated. By attaching pipe to collar over hot air exit this heat can be carried to upper room, or by reversing the damper this heat can be thrown out into room occupied by the stove. The Regal Peoria has improved duplex grate and patented ball bearing shaking ring, very easy to operate and removes the necessity of using a poker, as the shaking ring thorough-

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WE SHALL need a thousand young men to fill positions in banks, insurance offices, wholesale and jobbing houses, etc., within the next nine months. These young men must be graduates of our school. Why not enroll with us September 3 and get ready to accept a position? Our catalog is free.

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Reference, Any Bank or Business House in the city.

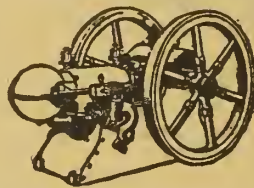
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ly cleans out all ashes from outer edge of fire pot. A very handsome stove. The Peoria gas burner is something entirely new, being a magazine stove for soft coal, hard coal, coke, lignite or slack. The only stove ever made that will, with entire satisfaction, burn soft coal and slack in a magazine and will automatically feed soft coal and slack as readily as hard coal. Positively will not burn up or coke in the magazine. Has down draft smoke and gas consumer that does the work perfectly and at same time keeps coal in magazine cool and this is the secret of its success. It is very economical in the consumption of fuel; cuts your fuel bill in half. A wonderful fire keeper. The handsome nickel trimmings and illuminated mica front door make the Peoria gas burner a very cheerful and attractive stove. Ask your dealers for Messrs. Culter & Proctor Stove Company's goods, or write direct to the company and they will give you full information about any style or styles and tell you where you can buy them. A cordial invitation is extended to all to examine their goods at the Iowa State Fair, August 24th to 31st.

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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This is our "No Risk" Lightning Arrestor. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house.

Protects the house, avoids fire, insures safety for the family.

FREE TRIAL OFFER you can try the "No Risk" Lightning Arrestor FREE. Or send us \$2.00 and get the complete arrestor. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One man sold 15 one day. Another 35 in 5 days. "Edith Sutton, La Russell, Mo., was instantly killed May 21st by lightning while talking over country phone." "Forty country telephones were burned out at Beatrice, Neb., in an electrical storm June 5th." "Abner Hosking, Norway, Mich., was struck by lightning June 6th while standing near his country phone." "Atlantic, Iowa, June 24.—Lightning played havoc with the rural phones in all directions." All could have been prevented by using "No Risk Lightning Arrestor."

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The Baler for speed. Bales 12 to 13 tons a day. Has 40 inch feed hole. Adapted to bank barn work. Stands up to its work—no digging holes for wheels. Self-feed Attachment increases capacity, lessens labor, makes better bales and does not increase draft. Send for catalogue. Sandwich Mfg. Co., 143 Main St., Sandwich, Ills.

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It has all the virtues of the others and none of their faults. It won't break, it won't rust, it won't run over nor run dry and best of all it will do its work in the dead of winter. The Only waterer is the product of 25 years experience in raising hogs. Send for our booklet, "How I raise 1,000 hogs a year," written by the man who did it. Write us today.

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TIMOTHY

Why timothy, clover and other farm seeds. And sample state quantity and lowest prices. IOWA SEED COMPANY, DES MOINES, IA.

Care of Young Pigs After Weaning.

BY C. A. STEELE, OGDEN, IOWA.

At the age of six to eight weeks the pig should be making most of his living on slop and grain and will not miss his dam. There should not be over forty in a bunch; they must be grown and not fattened. Feed them so they will eat lots of grass and succulent food. This they will not do if they are fed all the slop and grain they can eat.

Mill feeds are expensive and we must try to raise feeds that will take their place as much as possible. Barley and oats sown together make a good yield and are an excellent hog feed. Rape sown early will make a good growth and will be ready when the clover and blue grass begin to dry up. Sorghum is also excellent as a feed and the pigs seem to like it even better than rape.

For slop I feed a mixture about as follows: Ground oats and barley, three-quarters; cheap flour, one-quarter, and add to this about one-tenth oil meal. Oil meal tends to keep the bowels loose and makes their coats look good and adds a richness to the slop that the pigs seem to relish.

This is soaked over night. We often hear a protest against the slop barrel, but if two barrels are used and each barrel allowed to dry out and sunned every other day there is no danger of their becoming sour and filthy. Soaking makes the slop more palatable and easier to digest.

Tankage is a valuable food and can be fed to advantage until the grass gets a good start, and for breeding stock it should be continued through the summer. Corn is the hog feed and the bulk of the grain ration must be corn and as long as the pigs get plenty of exercise and eat plenty of grass, there is little danger of them getting too much corn. Of course they must not get all they can eat, but what they will eat up clean with relish. It should be soaked. Those that are intended for pork should have more corn than the breeding stock, and it should be gradually increased so that by the time new corn is getting hard they have all they can eat.

The breeding stock should be separated at the age of about three months, or as soon as the males begin to bother, as it is hard to get them to settle down after they once begin to fret. These should make a large part of their gain on mill feeds, soaked oats and barley and grasses. There should be a pen where one can put the weaker ones and give them special care. What milk there is and a little stock food with their feed will soon help them so they can hold their own with the others, and we will thus make a profit on something that would otherwise have been loss. There should be a patch of sweet corn to feed before the field corn is ready. This makes a cheap feed and should be found on every farm where hogs are kept.

However, caution must be used in starting pigs on new corn. Corn does not infect the hog with disease, but if fed in large quantities at first will produce a weakened condition, thus making them susceptible to disease. All through the life of the pig we should endeavor to prevent disease by the use of disinfectants and correctives. Charcoal, ashes and coppers should be kept in a self-feeder where they can get at it at will. A little coal tar dip in the slop barrel once per week is helpful in keeping down disease. Lime water should be used freely, both as a wash around pens and in the slop. It destroys odors, retards the growth of germs and prevents indigestion, besides it furnishes ingredients helpful in producing bone.

Keep the pens and house clean and use whitewash and disinfectants freely. Beware of wallows; fence them in or disinfect them. Worms cause more trouble in raising pigs than anything else, but if disinfectants are used freely they usually do not bother, though if the pigs become infested the following is an excellent vermifuge: Santonin, one ounce; baking powder, one pound; oil meal, two pounds. Mix and feed in slop two feeds, this being for twenty-five or thirty-pound pigs. Cut down their feed twelve hours before feeding. Pigs are often injured by indiscriminate dosing with strong chemicals. Care must be used.

Pure water should be supplied by means of automatic fountains. They must also have shade during the hot summer months.

SUMMER FALLOW FOR KILLING PERENNIAL WEEDS.

The time has not yet come throughout a considerable portion of the corn belt when there is any profit in summer fallow considered from the standpoint of crop production. Its merit under any circumstances is due to the fact that in a period of rest where the surface is kept stirred from time to time fertility is changed from the insoluble to a soluble form; hence the usual increase in the crop yield after a summer fallow.

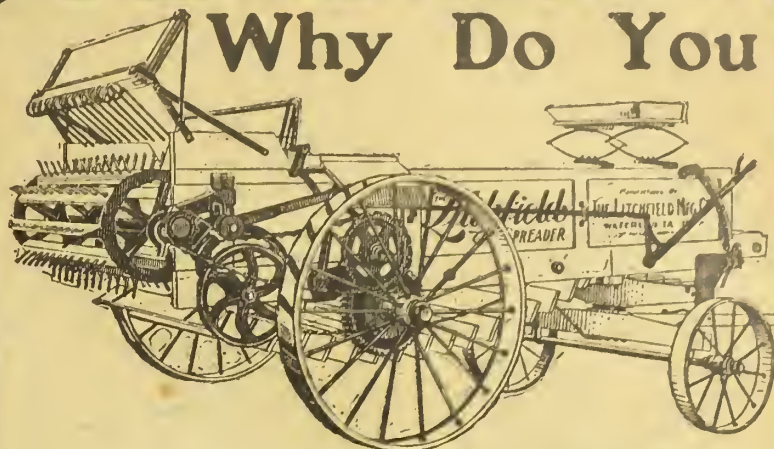
The Minnesota station has recently prepared a bulletin on weed eradication, and in speaking about such crops as Canadian thistle, quack grass and morning glory the summer fallow is recommended in accordance with the following plan:

Set apart the spots or fields that are foul with perennial weeds for one season and do not try to raise a crop. If following a grain crop or a crop of grass it may be wise to plow the land early in the autumn. But this is not always economy, since the frost does not kill the upturned roots, not even if they are turned over several times during the autumn. Let the weeds grow in the spring until nearly time to head out, pasturing if convenient to do so, then turn them under deeply and completely, by plowing the land as deep or even one or two inches deeper than it is usually plowed. At this period of growth the old root stalks will have given up the seed-like nourishment, which they stored up the year before, in helping form the new growth of leaves, stems and root stalks. These old root stalks will be ready to decay and the new root stalks, as yet green and succulent, will not have stored up in themselves food for another year, and they also will not resist decay long. The plants at this period are in their most active vegetative state and are not prepared with a supply of stored-up food in their root stalks to long endure a resting period. Simply plowing under is, however, only the commencement of the attack. The plants are full of active vigor and the young root stalks at once start up new leaves and stems. Leaves are a necessity to the plants at this time, and if we can prevent them having any of these "breathing and digesting" organs they will soon starve and the root stalks will die. To destroy all leaves it is necessary to thoroughly cultivate or occasionally plow the soil at short intervals of one to three weeks. In case the cultivating implement does not do quite thorough work, it is necessary to destroy the remaining blades with the hoe, since the rule should be to "not let the leaves see daylight."

By this plan many farmers have killed quack grass and other pests. While it has cost them the rental value of the land for one year, and the labor of several times' plowing and cultivating, they have plowed under some green manure, and have given the soil such a thorough summer fallowing that it is in fine condition for a crop the next season.

The first plowing as above mentioned is sufficiently early to destroy many weeds—even French weed, before they ripen seeds. The repeated cultivating and the occasional plowing brings other weed seeds into their germinating zone of soil and they are destroyed. In addition to the accumulated fertility, which is set free and stored up during the year, the summer fallow also conserves moisture for the next season's crop, and the cleaning, fertilizing and moistening of the soil does much to reduce the ultimate cost of this method of killing weeds. While the farmers who have followed this plan of entirely eradicating quack grass have good words for it, those who have each year for several seasons "nearly killed" this weed by fairly careful cultivation, but yet have it in their fields, are complaining that it costs them annually a great deal of labor to combat this pest, and it seems to have the mastery.

Where necessary and practical to do so, turn rows, and where the fence may be removed, fence rows and the borders



"Hide Your Light Under a Bushel?"

THE manufacturers of the Litchfield Spreader had this question put to them by a prominent machine man, he explaining at the time that if he was selling a spreader with the many advantages found in this no-choke endless conveyor, and which he could put out under a five-year guarantee, as we are doing with the Litchfield Spreader, that he would not "hide his light under a bushel," but would let the people know what he had. This put us to thinking, and as our readers know, we have been trying to place the actual facts and figures before our customers, so they could use their own judgment.

The reason why you do not hear more of the no-choke endless conveyor is because no machine uses it except the Litchfield. No other spreader can utilize this broadly-patented, mechanical device, and for this reason complimentary remarks from competition are not very freely given. This endless conveyor with the no-choking, swinging sections was developed because of a clearly apparent demand for the same, and the wonderful momentum given to the sales of the Litchfield Spreader, by reason of this one particular feature, is the best evidence we can offer of its rapidly increasing popularity.

It is a winner because all complicated machinery for returning it to its original starting point is unnecessary. It is a simple, plain, every-day affair, and does the business without the need of an expert mechanic to keep it in working order. There is no stopping except when you get through with it, and then it rests until another load is to be handled. The life is much longer than the other kind. It runs much more smoothly and gives much better general results and satisfaction. It is just the simple, plain, every-day conveyor which all spreaders should have, but which prior to the invention of the no-choke device was not practical in cold weather or under various other unfavorable conditions.

The only favor we ask is an opportunity to show our customers what this modern spreader will do, the only spreader made and sold under a guarantee of five years.

To be continued next week. We still have some Indian pictures left, and if you will give us the names of prospective spreader buyers, we want to trade.

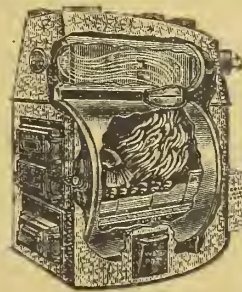
THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA



The Rue Washer Washes.

THE Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 50 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$3 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.



HEAT YOUR HOUSE STORE, CHURCH or SCHOOL HOUSE WITH
Bovee's Compound Horizontal Furnace Radiator 11 YEARS ON THE MARKET.
THOUSANDS IN USE. BURNS ANY KIND OF FUEL.

Having BOVEE'S Improved Hot Blast Ventilating System and Return Circulating Radiator, which gives perfectly pure air and saves One-Third of the Fuel. Any handy man can properly install one of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first-class. We can save you 40 per cent on the cost of your heating plant, our price being but little more than good stoves. Send for catalog. We have the largest and best line of furnaces in use, including our Celebrated WATERLOO Furnace, complete for \$43. Manufactured and Sold by the BOVEE GRINDER & FURNACE WORKS, WATERLOO, IOWA

of public roads should be included in the summer fallow. This will avoid having the weeds again encroach upon the field from the surrounding land.

Doubtless there are many other ways of killing perennial weeds which would succeed, but farmers make a mistake in experimenting with theories of killing "by turning the roots up to the sun," by "exposing the roots to the action of the frost," and some other oft-recommended remedies. Methods which at once succeed are in the end the most economical.

G. A. R. MINNEAPOLIS.

Excursion via the Minneapolis & St. Louis R. R., the shortest, quickest and best way. This line has been chosen by the Crocker Post of Des Moines and many other posts as the "Official Route," and a special G. A. R. train will leave Des Moines at 11:30 a. m., August 13th, arriving Minneapolis 8:30 p. m. All comrades and their friends are invited to join this train.

In addition, the regular trains leave Des Moines 8:15 a. m. and 9:05 p. m., arriving Minneapolis 6:43 p. m. and 7:25 a. m. respectively. We distance all competitors. Note early arrival at Minneapolis. Morning train carries cafe parlor car, serving all meals. Night train free reclining chair car and new electric-lighted sleepers; also tourist sleeping

cars on August 13th. Double berth, accommodating two people, \$1.

Round trip from Des Moines \$5.95. Tickets on sale August 11, 12, 13 and 14. Limit August 31, with privilege of extension to September 30, on payment of 50 cents extra. Special rate one cent a mile from all other points.

Ask your agent to sell you via the M. & St. L. and you will have the best possible trip.

For further particulars, maps, etc., call on your local agent or address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

ROUND TRIP SUMMER RATES VIA RAIL AND BOAT LINES.

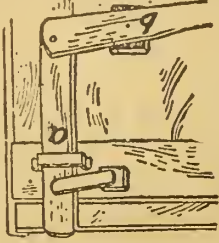
The Minneapolis & St. Louis Railroad will sell excursion tickets via rail lines to points in Minnesota, North Dakota, Manitoba, Montana, Oregon, Washington and California. Also, via Great Lakes route to eastern points. On sale daily with return limit October 31st, or until navigation closes. For further information call on or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

\$5.95 TO ST. PAUL AND MINNEAPOLIS AND RETURN

Via Chicago Great Western Railway account G. A. R. National Encampment at Minneapolis August 13th to 18th. Tickets on sale August 11th to 14th. Return limit August 31st, with extension privilege. For further information apply to E. J. Sawyer, C. P. & T. A., 514 Walnut St., Des Moines, Iowa.

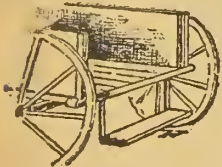
HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

The accompanying illustration from the Town and Country Journal of Australia, shows a simple but effective barn door latch, the details of construction being given plainly in the picture: The piece A works vertically behind an iron strip and catches behind a cleat fastened to the timber above the door. It should be long enough to be reached from the floor. It is manipulated by the lever B. This is a pin in the door below the lever to keep the latter from falling below. The advantage of this latch over the one-piece swinging lever is that



it never swings out where it would be in the way. It is self-adjustable in case the door sags. The piece can be adjusted to suit the size of the door. It is easily constructed and cheap, there being no materials other than those found on every farm.

The Farm Journal gives the following handy addition to farm wagon: Here is a step added to the rear end of a farm wagon, by means of two stout iron supports. This step will prove a great comfort. It saves a lot of strain in getting in and out of the wagon when unloading; and when one is lifting boxes, baskets or bags in or out,



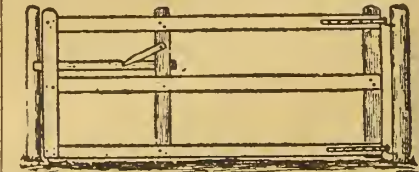
it is a halfway place on which to rest. Then, too, one can tip a box or barrel over on edge against the step and then lift the other end and tip it into the wagon. One person can easily load boxes and barrels in this way and not lift much more than half the weight at any time.

A Subscriber, in Successful Farming, describes a handy cabinet as follows: "Get some varnish cans and open one

side so as to have little drawers; make case of wood to hold these drawers. The dots in the corners are the screw caps. Mark names of contents on each can and you have a very handy cabinet for the workshop."

Mr. B. Obenschin writes Successful Farming as follows: "To remove broken sections from a sickle place the flat bar to which they are riveted edgewise upon a solid base and drive the section down, as indicated by the arrows. This cuts the rivets off and they drop out."

Mr. E. E. Lewis, of Ohio, sends the following to the Practical Farmer: "The illustration shows a good gate latch.



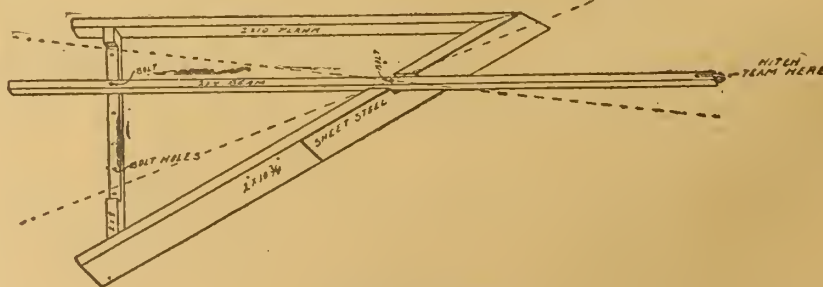
No danger of gate blowing open when latch is in position as shown. The sketch explains it all without further description."

The following from the Inter Ocean is in reply to an inquiry about tile drainage: "The tile should be placed below freezing. The practice used to be to place the tile a foot or so deep, but this is not followed to speak of in the present day. Three or four feet is not too deep. However, the nature of the soil has considerable to do with the depth. If the soil is porous the tile can be placed deeper than in compact soils. But in all cases the tile should be placed below the freezing point. Many of the tile will crumble after being frozen, and the drain will be obstructed. There are many ways of determining the amount of fall. In flat land, where



there is but a slight fall, a device may be made like the accompanying illustration. Take a straight two-by-six, sixteen feet long, marked in the cut as A. To this bolt an upright piece, B, at right angles with A and to the top of this attach a plumb line. At the lower end of the line you can attach a rule C. Set this device in the bottom of the ditch, with the left end toward the outlet of the ditch. If the latter is exactly level; that is, if it has no fall, the plumb line will stand exactly at 0 on the rule. If the ditch has any fall the plumb line will leave 0 and swing toward C. As soon as the fall under the device is determined, remove it the length of itself down the ditch and so on until the entire ditch has been inspected."

A ditch-cleaner is described in Farm, Field and Fireside by C. T. Baker, as follows: "In connection with the road-scraper a ditch-cleaner is used to pass the earth from the side ditches up the grade far enough for the road-scraper to reach it. This ditch-cleaner is made something after the fashion of a snow plow, but the left-hand side is made shorter and the side is made vertical, so



DITCH CLEANER.

that in practice this perpendicular side acts like a landslide. The other side is beveled something like a plowshare and is faced with steel. This side is made longer than the other, and it is this side that shoves the earth out of the

BLACK DIAMOND Ready Roofing



If you ask your neighbor what kind of roofing to get, he is likely to say Black Diamond. If he has had much experience with roofings he is sure to say it. 20,000 sq. ft. of Black Diamond covers this modern lumber shed at Terre Haute, Ind. Sooner or later people come to it. Other makers predict that their roofings will last five or six years. Black Diamond actually does last and has lasted over ten years and given satisfaction every minute of the time. We can prove it. Ask any other manufacturer to show you a roof of his that has lasted ten years and you will find he is unable to do it.

Write for a Sample and Booklet and let us convince you.

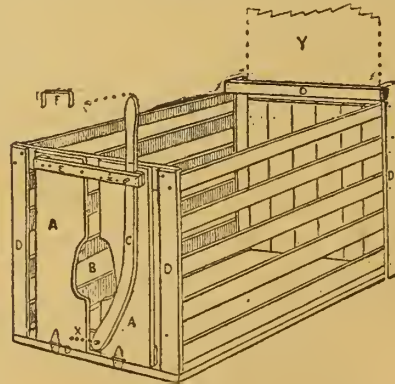
Address the nearest office of the

Barrett Manufacturing Co., Black Diamond Department

New York Chicago Cleveland Allegheny Kansas City St. Louis
Minneapolis Philadelphia New Orleans Cincinnati

ditch. The hitch is not at the point like a snow plow, but about ten inches to the right of the point, as shown in the illustration, which is adjustable."

Mr. C. Avery, of Indiana, writes the Ohio Farmer about his hog-ringing trap, as follows: "Subscribers who raise hogs may be interested in a ringing trap which I use, so I send sketch. The frame of trap is 2x4-inch pieces, D, D, and D, lapped and bolted at corners as shown, and a tight, smooth floor; also side and top boards are solidly nailed to inner edge of the frame, as shown, making a strong crate from which boards cannot be crowded off. Rear end is fitted with slide door to raise up as indicated by dotted line V. Front end has a door, AA, made of two thick, strong boards on inside cross cleats at top and bottom. A, A is joined at bottom by two



HOG RINGING TRAP.

strong hinges to frame D, and held up when in use by the iron clamp F, being placed down over top of door and frame, D. Door has a central opening B, below which are several bolt holes, for fastening an iron lever, C. The top of door also has wide cleat, E, bolted at one end with blocks behind to hold it out from door, so the other end will form a guide for lever C, which, when pulled forward, partially closes opening B, and firmly holds hog, with head through the opening. Lever C is fastened while in use by a spike nail inserted as shown, in one of several holes bored through side cleat and door at Z. Opening B is

measure. Place trap squarely with rear end close up to hog-house door, with lever C thrown back; raise slide door, drive in a hog and drop slide door behind him, and he will thrust his head through hole B. Pull lever C tight against his neck and insert spike to hold it there, and you can ring (as I have done) with ease, a hog weighing nearly 400 pounds."

JACK OF ALL TRADES.

In nine cases out of ten, when you see a man who is able to do all the odd jobs around the home, it is because he has the proper tools. Look over your outfit of home tools and see if they are fit to do any of the countless things that need to be done from day to day. Have you every tool needed, and are they all in good condition?

It is the simplest thing in the world to supply yourself with a complete set of tools, each the best of its kind. Just buy a Keen Kutter Tool Cabinet. It is a beautifully finished oak case, containing a set of tools for household use. Each tool in the Cabinet is one of the famous Keen Kutter brand. No expert could buy a better set of tools, for better tools are not made. The name and trade mark appear on each one and protect you against bad luck. If anything goes wrong because of defect in making you can have another tool or your money back.

The Keen Kutter Tool Cabinets contain large and small assortments of tools to suit different needs, and range in price from \$7.50 to \$100. Each tool in the outfit has a special rack or hook, so it will not be damaged by contact with other tools.

There are drawers in the Cabinets containing many accessories that are apt to be overlooked in a home kit that you collect for yourself.

Every Keen Kutter Tool Cabinet, from the smallest to the largest, is complete in every detail, and contains Saws, Braces, Bits, Chisels, Gimlets, Awls, Planes, Hammers, Hatchet, Files, Pliers, Screw-drivers, Wrenches, Nail Sets, Reamers, Rules, Squares—in fact, everything necessary for the ordinary home job.

Keen Kutter Tool Cabinets are for sale at the leading hardware stores.

The Keen Kutter Tool Cabinet Booklet will be sent free to anyone who asks for it by Simmons Hardware Company, St. Louis and New York, U. S. A.

HARVEST RATES.

The Minneapolis & St. Louis Railway will sell daily, during August, harvest tickets at special rate of \$14.50 from Des Moines to principal Minnesota and Dakota points, such as Fargo, Grand Forks, Minot, Devil's Lake, etc., with special certificate returning. We will also sell round-trip rates daily, until September 30th, good to return until October 31st to Fergus Falls and return, \$15; Detroit, Minn., and return, \$16.30; Minneapolis, N. D., and return, \$19.20; Devil's Lake, N. D., and return, \$19.75. Two solid through trains leave Des Moines 8:15 a. m. and 9:05 p. m., making the through connection with all northern lines. Call at city ticket office, 512 Walnut St., or address D. B. Ransburg, C. P. A., or W. K. Adams, D. P. A.

A low wagon at a low price. Handy for the farmer. Will carry a load anywhere a horse can travel.

Low Down Wagons

soon earn their cost on any farm.

Steel Wheels

for farm wagons. Straight or staggered spokes. Any size wanted, any width of tire. Hubs to fit any axle. For catalogue and prices, write to Empire Mfg. Co., Box 103 H Quincy, Ill.

There's a big difference between the Howe Scales and the other kind.

HOWE SCALES

hang absolutely free, and cannot bind. That's one reason why they're so accurate. Compound beam, steel frame, and adjustable stock rack. Scales are too important an investment to experiment. Get the old reliable, standard—the Howe ball bearing scales. Write today for scale information.

HOWE SCALE CO. OF ILLINOIS
52 Lake Street, Chicago, Illinois.

An All-the-Year-Round Country.

If you wish a profitable location in a climate pleasant the year through, where you can make every day count on the farm, where you can find the best farm bargains, where crops yield abundantly, markets are good and all conditions combine to give greater profits per acre than in any other section of country and absolutely the best returns for money and labor, select a new home district in the South, in the territory of the Southern Railway and Mobile & Ohio Railroad. For general and special information address nearest office.

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Washington, D. C.
Chas. S. Chase, Agent,
622 Chemical Building, St. Louis, Missouri.
M. A. Hays, Agent,
225 Dearborn Street, Chicago, Illinois.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should have them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

TOWN WITHIN TOWNSHIP.

A Subscriber, Centerville, Iowa.—In a certain township there is an incorporated town which has its own street commissioner and road overseer, and makes its own levies for road and street purposes. (1) Is a citizen of said incorporated town eligible to the office of trustee of the township? (2) In such a case if a citizen of the town should exercise the duties and powers of township trustee, and levy taxes for road purposes in the township, would it not constitute taxation without representation?

Answer.—(1) There seems to be nothing in the code to prevent a resident of an incorporated town from holding the office of trustee of the township within which the town is situated. (2) We think not.

FIRE INSURANCE.

A Subscriber, Lamar, Mo.—Mr. H. insured his barn in the Barton County Mutual Fire and Lightning Insurance Company. There were lightning rods fastened on the barn when the policy was issued. Lightning struck the rods on the barn and ruined them, but the barn was saved. Can the insurance company be compelled to replace the rods?

Answer.—It is a difficult matter to determine exactly what rights the barn owner has, without a knowledge of what is contained in his policy of insurance. That instrument fixes the rights of the property owner, and the liability of the company. Without knowing what is in it, we would guess that the company is liable for the value of the rods, on general principles.

SHORTAGE IN LAND.

A Missouri Subscriber.—Two years ago A. and B. traded farms. A's farm was in Iowa and B's farm in Missouri. A's farm was described as 360 acres more or less, and B's farm was described as 371 40-100 acres without the words "more or less." According to the terms of the trade, A. paid B. \$35 per acre for one-half the difference in the number of acres, or \$467.50 for five and one-half acres. This computation occurred from splitting the difference. It has since been discovered that B's land falls short in acreage to the extent of about thirteen acres. (1) Can A. compel B. to pay for the full shortage, at \$85 per acre? (2) B. had a farm of 160 acres joining the land he traded to A., which he sold to C. after his trade with A., which he described in the deed as 160 acres more or less. This farm overruns about six acres, containing actually about 166 acres. Could B., without the consent of C., move the line over on C. so as to annex five acres of his land to A.'s land and to that extent make up the shortage mentioned in the first question?

Answer.—(1) A. can compel B. to refund all the money which A. paid B. for the difference in the size of the farms, and possibly about \$64 more for the excess of shortage over eleven and one-

half acres, but he will be lucky to get back the money he actually paid without a law suit. We think he could do this by a law suit. (2) He could not do anything of the kind. B. has no right whatever to move the division line bounding the land he sold to C. The sale to C. had nothing to do with the trade between A. and B.

TENANT'S FIXTURES.

A Subscriber, Nokomis, Ill.—B. leased A.'s farm by a verbal agreement and took possession as tenant. He built some outbuildings on the place, such as a tool shed joined to the corn crib, and a hen house joined in like manner. They are joined in such a way that they can be moved without any injury to the corn crib. B. obtained A.'s oral consent before the outbuildings were put up. B. still has possession of the place. Can he lawfully remove said outbuildings without A.'s consent?

Answer.—B. can lawfully remove the outbuildings without A.'s consent, at any time before he delivers up possession of the premises at the expiration of his tenancy.

NO LEGAL REMEDY.

Mr. J. A. Oills, Orr, Neb.—I rented my farm with house, barn and pastures to a person for one year from March 1, 1906. Without my consent the renter rented other lands on which there are many cockleburs, and he goes through that land with teams and stock to my barn and lots. There are no burs on my land. I told him no stock with burs on would be allowed on my place. He gives time and attention which are needed on my land to the other land he has rented. What recourse do I have by law?

Answer.—You have utterly failed to state any terms whatever of the renting contract. If there was nothing said in it about cockleburs, or about the renting of other land by the tenant, you have no legal remedy at all upon the facts you have stated.

PRIVATE RIGHTS IN HIGHWAY.

Mr. R. H. Gardner, La Porte City, Iowa.—A. and B. are neighbors. A creek crosses the public road in front of B.'s house, and flows through his land. When A.'s windmill is out of order he drives his cattle to water in the creek where it crosses the road. B. has fenced the approaches to the creek on his side of the road and has fenced across the creek on the piling of the bridge on his side. A. threatens to compel B. to remove this fencing so that A.'s cattle can go down to the creek on both sides of the road. (1) Can A. compel B. to remove the fence? (2) Has A. the right to water his cattle at the creek in the public road?

Answer.—(1) We do not think that A. can compel B. to remove the fence. (2) He has that right, provided he so does it as to not interfere with the rights of the public in the use of the road. He must not allow his cattle to obstruct the highway or disturb people in passing to and fro upon it.

RAILROAD FENCE—KANSAS.

A Kansas Subscriber.—Can a railroad company in Kansas be compelled to fence against swine, and if so, how?

Answer.—A person who owns land adjoining a railroad right of way, which he has enclosed on all sides, but the railroad side, with a lawful, or a hog tight fence, may demand of the railroad company, that it shall enclose its line next thereto with a lawful, or a hog tight fence, whichever the land owner has. If the company neglects or refuses to comply, the land owner may give it written notice to make such a fence within sixty days. If the company neglects or refuses to do so, the land owner may go upon the right of way, and make such a fence, and recover from the railroad company the value thereof, with 1 per cent a month interest, and reasonable attorney fee.

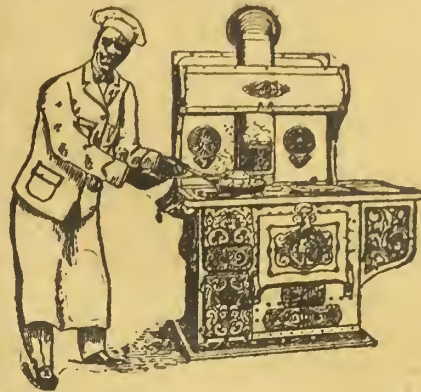
HERD LAW—TRESPASS.

Messrs. J. W. Pfander & Sons, Gravity, Iowa.—We have a neighbor living a mile and a half away who breeds and raises Short-horn cattle. We breed and raise Holsteins. Our neighbor allows his milk cows to run in the public road near my place more or less every summer. They have broken into my field from the roadside several times. The fence is not what would be called lawful. My barn is on the roadside, no fence between. On one occasion one of the barn doors was accidentally left open and ten head of my neighbor's stock got upon the barn floor and in the feed bins. I allowed my neighbor to come and get them without charge. Later six of his cattle got into my barn and I shut them up. He said he did not have to keep his cattle up—that the herd law had expired and he had a right to turn all his stock in the road and people must keep up lawful fences against them. (1) Is there a herd law in Iowa? (2) Can we recover damages on account of our neighbor's cattle breaking into the field, or doing damage in the barn? (3) Must we keep up lawful fences against neighbors' cattle to give us a right to damages for trespass? (4) If my Holstein bull gets into the road and does injury to my neighbor's cows can he recover damages?

Answer.—(1) We do not know whether the herd law provided by Section 444 of the code has been adopted in your county or not. (2) If the herd law is not in force in your county, you cannot recover damages from your neighbor, on account of the trespass of his cattle in your field or your barn, because

Meet Us At The Iowa State Fair.

AUGUST 24th TO 31st INCLUSIVE.



We want to make new acquaintances, renew old acquaintances and show you our Extensive and Complete line of up-to-date Steel and Cast Ranges and Cooks and Heaters of all kinds.

We Have Just What You Want.

It will pay you to investigate and we will take great pleasure in showing our goods.

The wonderful KING BEE AIR BLAST GAS AND SMOKE CONSUMER will be demonstrated.

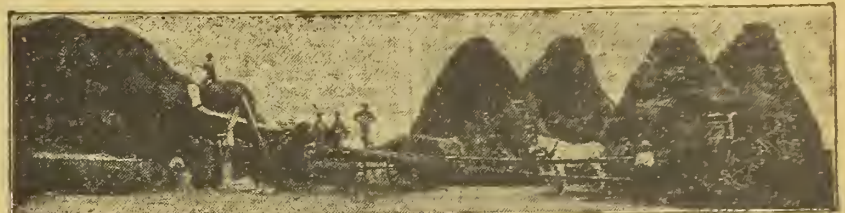
Culter & Proctor Stove Co.,
200 WATER STREET, PEORIA, ILLINOIS.

Manufacturers of the Celebrated

Peoria Lexington } Steel Ranges.
Sterling Lexington }
Active Mascot }

Peoria Lexington Cast Ranges
and Cooks.

King Bee Air Blast (any kind of fuel)
Peoria Gas Burner (magazine for soft and hard coal or lignite)
Peoria Oaks (coal or wood)
Brilliant Peoria (hard coal base burner)
Regal Peoria (hard coal base burner)



A Belle City Thresher on farm of E. R. Foster, Roberts, Wis.

Save Your Threshing Bills

Individual threshing outfits are fast taking the place of the big contract threshers. Just think a moment and you will see why you should have one of your own, or own one jointly with neighbors. You thresh when your grain is in its prime, from the shock or stack. You don't have to wait for the job thresher, and then thresh whether or no, wet or dry. You don't have a big crew to feed. You and your neighbors can exchange work—all the help you need.

Belle City Small Threshers

are the best type of small threshers made. They save all the grain. They run on light power, with small crew and thresh up to 1,000 bushels of wheat a day. Thresh any kind of grain or grass seed. Compact, strong and durable, and so light that they are easily moved anywhere. Write and let us mail you catalogue which explains fully.

We also make Ensilage Cutters, Horse Powers, Saw Frames, Farm Hand Carts, etc. Separate book describes each. Write for one wanted.

BELLE CITY MFG. COMPANY, Box 34, RACINE, WISCONSIN.

ABOUT THE SOUTH

"About the South" is the name of a 64-page illustrated pamphlet issued by the Passenger Department of the

Illinois Central R. R. Co.

In which important questions are tersely answered in brief articles about

Southern Farm Lands
Mississippi Valley Cotton Lands,
Truck Farming, Fruit Growing,
Stock Raising, Dairying,
Grasses and Forage, Soils,
Market Facilities,
and Southern Immigration

along the lines of the Illinois Central and Yazoo & Mississippi Valley railroads, in the states of Kentucky, Tennessee, Mississippi and Louisiana, including the famous

YAZOO VALLEY

of Mississippi.

Send for a free copy to J. F. Merry, A. G. P. A., I. C. R. R., Dubuque, Iowa. Information concerning rates and train service to the South via the Illinois Central can be had of agents of connecting lines, or by addressing
A. H. HANSON, G. P. A., Chicago, Ill.

go Great Western Railway provides everything possible for the comfort of their passengers. Any information you may desire always cheerfully given at City Ticket Office, 514 Walnut St., or either Phone 423, Des Moines, Iowa.

LAKE AND RAIL TRIPS.

During the summer months the Chicago Great Western Railway sells tickets via all steamship lines on Great Lakes in connection with their line to Chicago, or St. Paul and Duluth. From this time until September is the time to sail the lakes and see Duluth, Superior, Isle Royale, the Copper Range, Sault Ste Marie, Mackinac Island, Detroit, Toledo, Cleveland, Erie, Buffalo, Niagara Falls and other points of interest. Call or write for full information. E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

BEFORE YOU
BUY A
MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.



See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

Appleton Manure Spreader
has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.
39 Fargo Street, Batavia, Ill., U. S. A.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their addresses. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standstill, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

INJURED PELVIS.

I have a three-year-old bay mare, weighing 1,150 pounds, that got down about two months ago when foaling, and had to be helped up. She seemed weak in the hips for ten or fifteen days, and the muscle between the hip and point of the rump began to shrink on both sides. It went down worse on the left side, but has not become any worse in the last month. I have not worked her any since she foaled and she is in fine flesh. Please inform me what the trouble is with her.

Marc probably fractured her pelvis, or had nerves so affected that nutrition of parts was impaired. Such cases are common, and recovery takes place in time if mare is kept upon good pasture and well-fed without work for a season. It would be unwise to breed her at present. If the pelvis was known to be fractured, she should not again be used for breeding purposes.

SUN SCALD.

I have a little white sow pig about four months old. She seemed to do well until about a month or six weeks ago when I turned her out in a patch of rape with some other pigs. The other pigs seemed to fight her so that some times she did not come up to eat, but just lay in the rape. Then I noticed that her ears were peeling off and also her hair came off. It later healed up, but is now peeling off again and is much worse this time, peeling off so deep that it leaves her skin like a piece of raw meat. I have been putting turpentine and sweet oil on the sores. She looked just as if she had been scalded. Is there anything I can do for her?

See recent answers under this head. She has been scalded by pasturing wet rape, and then going in the sun. Keep her out of wet growths of green stuff and apply sulphur ointment to sores. If this does not avail, apply benzoated oxide of zinc ointment.

THUMPS.

(1) I have a spring pig that acts like it had the thumps. It had a cough, then lost appetite and now eats hardly anything. It weighed about seventy-five pounds, but is getting pretty weak now. I am feeding separated milk twice daily and corn. Have plenty of good pasture. This pig has been this way about two weeks and now there is another one that seems to be getting the same disease. I have not tried any remedy yet. If it is thumps, can it be cured, and how? (2) I have an old sow with pigs that will not eat corn. She eats grass, but mopes around and doesn't seem to care whether she eats or not.

(1) The disease is due to over-feeding and lack of exercise, and corn fed to young pigs is more likely to cause it than any other food. It is scarcely worth while trying to cure a single affected pig, but it may be done, in some cases, by administering a dose of castor oil to move the bowels freely and by then giving alternate fifteen-drop doses of tinctures of opium and digitalis every four hours until distress subsides. It is better far to prevent the disease by feeding ni-

trogenous rations such as milk, middlings, flaxseed meal, ground oats and similar food with dried blood meal or tankage and lime water, and allowing free exercise on green food, such as clover or rape. (2) The sow is better without the corn. Feed her the slop mentioned. The nursing sow should not eat corn.

PUFFS.

I have a yearling filly which had three puffs come on her hock joint about three weeks ago. I have been running them down with my hands, which seems to do no good. Can you tell me what to do for her?

If they do not disappear as filly grows, remove hair and blister the joint with cerate of cantharides. Such "puffs" constitute "bog spavin" when permanent, and usually come, in young colts, from affected parents.

OBSTINATE WOUND.

I had a horse cut on wire last January, and have done all I could to heal the wound, but it will not heal. I have kept proud flesh down by the use of medicine. If you can advise me what to do to heal the wound I will be very grateful.

Wet wound several times daily with a lotion composed of half an ounce of chlorid of zinc, two drams of hydrochloric acid and two ounces of sulphate of zinc in a pint of water. Keep horse from getting at wound with his teeth.

PARALYSIS.

What is the trouble with my pigs? They are three months old and get weak in their hind legs and drag them straight behind them. Then in three or four days they get down and die; they seem to suffer a great deal; they roll their eyes and throw their heads back and breathe very hard. Their feed is corn, sour milk, with clover and timothy pasture. The little pigs are the only ones affected; they are not weaned yet.

See numerous answers under this head in recent issues of the paper. The disease will persist as long as farmers neglect advice and continue to stuff hogs on corn.

HEAT EXHAUSTION.

I have a six-year-old black horse which I think got too hot a few days ago. I was plowing with him on a very hot and oppressive day, when he suddenly began panting. Since then with the least bit of work he pants very bad. Is there anything I can do for him?

As a rule, a horse is never much use in hot weather after suffering an attack such as you mention. He will be all right in winter, but unable to stand work in hot weather. Distress may be relieved by clipping the horse, shading his head while at work, allowing frequent drinks of cold water, feeding light rations during hot weather, with oats in place of corn, and no hay at noon.

WORMS.

I have a colt, a year old in May, that is failing in flesh and acts very stupid and dead, and does not seem to have any life about it. When I turned it out last spring it was fat, but for about six weeks it has been getting poor, becoming worse all the time. It has a good appetite and has a good coat of hair. I have not heard it cough. Can you tell me what to do for it?

If you find that lining membrane of eyelids and mouth is pale and there is a fur of scurfy substance about anus, worms are causing the emaciation. This we think is the cause in the case described, and we would advise administering a tablespoonful of turpentine, once every ten days for three doses, in a pint of milk and raw eggs beaten together. Allow free access to a box containing a mixture of four parts barrel salt, two parts flowers of sulphur and one part each of dried sulphate of iron and powdered gentian root. Feed well on oats and bran. Keep off old pasture

and from watering troughs or places used by adult horses. Provide fresh pasture, or feed out fodder, etc.

WEAK SOWS.

Can you tell me what is the matter with my sows? I had three or four to lose their pigs last spring, and they seem to be weak now in the hind legs or hips, I cannot tell which. They will be walking along when all at once their hind legs will stretch out behind them and they will drag their hind parts a few steps and get up and go on. I bred these sows again, but they are not heavy yet. They have been running on good clover pasture and have not had any corn.

While these sows have not had corn lately, they come from corn fed "lard" hogs and are weak in bone and muscle of constitution. They should be well-fed upon nitrogenous rations in addition to free range on green food, but would be better away from the timber pasture if it contains weeds. If known to be infested with worms they should have the turpentine treatment so often prescribed here. It cannot, however, safely be given to pregnant sows.

BLOODY MILK.

Please tell me what makes our cow give bloody milk out of one teat. Sometimes it clears up to natural and then again it is thick blood. She has been that way nearly all summer.

See other answers on this subject in back numbers of the paper. As the attacks come and go it would be wise to have the cow tested with tuberculin, as the cause may be tuberculosis of the udder, which would make the milk dangerous as a human food. If it proves to be due to rupture of small blood vessels and not to tuberculosis give two drams of dilute sulphuric acid in drinking water twice daily and three times daily sponge udder with cold water for ten minutes and then with a lotion composed of two drams each of powdered alum, sulphuric acid and one ounce of tincture of arnica in a pint of cold water. Milking should be carefully done; also the floor of stall should be deeply bedded.

SICK SHEEP.

Last spring I fed quite a number of western lambs and lost a few of them. When they would get up they would run with their heads down, shaking them more or less. Some would die in a day after they got down, and some lived two weeks. Their ration was shelled corn, good tame hay, and sheep oats. Where can I get a good book on sheep and hees?

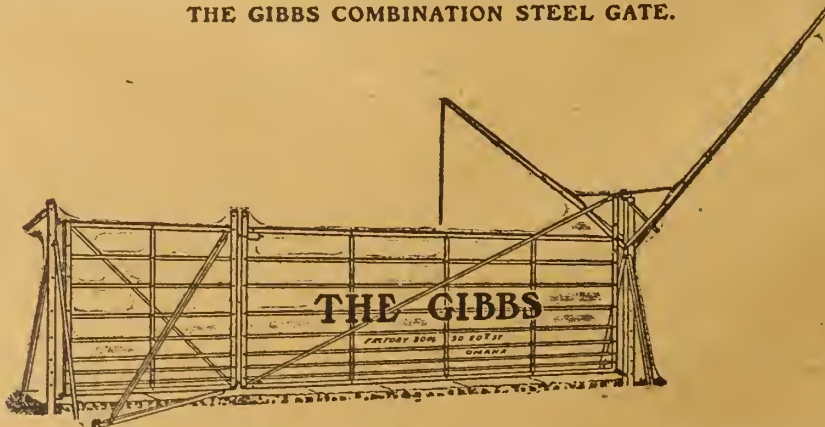
Grubs in the upper passages of sinuses of the head sometimes cause symptoms such as you describe and may even cause death if brain should become affected. As a rule, however, we find that the grubs cause irritation and the staggering and other symptoms characteristic of presence of grubs in the head while some other trouble is aggravated to a fatal stage by the thriftlessness due to grubs. In most instances the fatal disease is some complication of the liver. You will find information on this and other diseases of sheep in "The Sheep" by Dr. Rushworth, which may be ordered through this office.

SUMMER VACATION IN COLORADO. LOW RATES VIA ROCK ISLAND LINES. Colorado, as a place for recreation, is the choice of many thousands of summer tourists.

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The accompanying illustration is a representation of the Gibbs Automatic Combination Gate, now considered one of the best gates on the market. This gate is made out of channel steel bars, and will last a life time. It always swings away from the team, therefore never scares them. It is made on the most scientific principles, and is one of the gates that never gets out of order. The illustration shows the extension, to be used when hauling wide machinery which will not go through the ordinary gate. This gate can be so adjusted that it will never get out of plumb. Write Mr. Ed B. Gibbs, Omaha, Neb., for illustrated circular, describing every part of this gate and you will be sure to negotiate for one.

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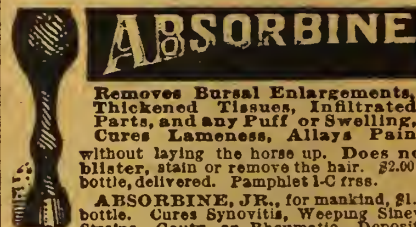
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slve, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective. This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.

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Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

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Do not be misled into the belief that any other line can give you the service from Iowa to Minneapolis and St. Paul and return that the Chicago Great Western Railway can, and does, furnish. We are the only line from Des Moines and vicinity which has three daily regular through trains to and from the Twin Cities. On August 11th, 12th, 13th and 14th the Chicago Great Western Railway will have on sale round-trip tickets at rate of one cent per mile (\$5.95 from Des Moines); tickets having limit of August 31st to return, with extension privilege to September 30th on payment of fifty cents. Sleeping car rates, \$2 standard, and \$1 tourist. On August 13th the Chicago Great Western Railway will have a special train from Des Moines at 8:30 a. m., arriving at St. Paul and Minneapolis in the early evening. For full information address E. J. Sawyer, G. T. A., 514 Walnut St., Des Moines, Iowa.

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OUR DAIRY DEPARTMENT

All communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

THE KICKING COW.

The kicking cow is generally the product of a quick-tempered attendant. It stands to reason that things will happen sometimes that will cause a cow to start suddenly, and, on a pinch, cause her to defend herself in nature's way. When this occurs there is presented an opportunity for the man behind the cow or the man beside the cow to cultivate his patience under trying circumstances. We have seen many a kicker completely broken of the practice by changing milkers and by giving the excitable animal kind treatment always.

Sometimes, however, kind treatment is not enough, and means must be taken in certain cases to prevent actual injury to the attendant. The easiest plan is to cinch a rope tightly around the cow's body, passing it over her kidneys and around in front of the udder. This really brings about a case of semi-paralysis, and no cow can do much damage with a strong rope tightly adjusted in this manner. The objection to the plan is that in some instances it interferes with the flow of milk.

The other plan that we have in mind is that of tying the hind legs together by the use of a strong rope. Wind the middle of a six or eight-foot rope twice around the hind leg above the hock joint, then cross the ends between the legs and pass twice around the other one and tie firmly. There may be a little excitement on the start when an animal finds that she is secured, and occasionally there is actually a little danger of injury. We have seen instances where cows would throw themselves rather than submit to such tying, but as a rule they soon give in. In the majority of cases there will be no fuss after the first few minutes, as the

average cow soon submits. An application of a rope tied in this way a few times will generally do the business, though in the meantime it is necessary to use the animal with a marked degree of kindness so that confidence in her attendant is fully restored.

The Sire in the Dairy Herd.

The bull is said to be "half of the herd," but in a herd of poor grades or native cows he is very much more than half. All of you can afford a good bull, even if you have to buy him when a calf and await his development. By all means buy a registered bull, but don't buy him just because he is registered. There are a lot of them registered that you have no business with, and that ought not to be registered. Get the pedigree of the bull you contemplate buying, find out what his sire was and the dam of his sire, and be still more particular to find out just what kind of a cow his own dam is. Go slow on this subject and buy the very best dairy-bred bull you can. Pay not so much attention to his ancestors' prize winnings at the fairs, as to what they can do at the pail and churn. Look for steady records all the way back in the pedigree, and do not seek for one or two sensational records; do not put too much stress on noted animals far back in the pedigree, but look more to those closer up.

Try to be sure you are buying from a reputable breeder; get quotations from several of this class and compare them; then when you have selected two or three bulls that you think will just suit you, write the owner of each, and get from him (if he has not already sent you) full information regarding the sire and dam, grandsire and granddam of the bull you think of buying—don't be afraid to ask him any question you want to know. Remember that it means a lot to you not to make a mistake right here. After you have bought your bull and get him home, give him the best place to stay that you can, and a small pasture to run in, if possible, but do not let him run with your cows. Always lead him with a staff, be kind with him, and you will not likely have a vicious bull to deal with.

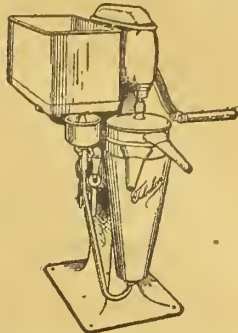
Keep this bull until a number of his calves have milked a good part of the first year—and keep all of his first, heifer calves that you can out of your best cows. If the heifers show good improvement over their dams you can feel that you are on the right track, and then you will want another bull to cross onto your heifers. My advice is to get a bull out of the same dam as your old bull, or out of her best daughters, and sired by a bull that has been bred to them with success before. You will find that your bull has nicked better with some of your cows than with others. Always keep the best heifers and calves with them. You will now gradually be selling off your old cows and keeping your improved heifers. About the second cross you make you will find some of the heifers giving more milk and making more butter with their first calves than their grandmothers ever made for you in the prime of their lives. Then you will begin to realize what this improvement really means.—(Address by A. S. Ennis before Missouri Dairymen's Association.)

Modern Methods of Testing Milk and Milk Products.

The above is the title of a book recently published by the Orange Judd Farmer, of New York, the author of which is Prof. L. L. Van Slyke, of the New York Experiment Station. This book has been prepared for the use of dairy students, buttermakers, cheesemakers, producers of milk, operators in condenseries, managers of milk shipping stations, milk inspectors, etc. An accurate conception of the character of this book may be obtained from the titles of the chapters, which are as follows: Chemistry of Cows' Milk and Milk Products; Methods of Sampling Milk; the Babcock Test—Description of Apparatus and Materials; Method of Operating the Babcock Test; Method of Testing Skim-milk, Whey, Butter, Cheese, etc., by the Babcock Test; Methods of Testing the Bacterial Acidity of Milk and Milk Products; Methods of Testing the Bacterial Condition of Milk; Methods of Testing Milk by Rennet Extract and Pepsin; Methods of Testing Specific Gravity and Solids of Milk by the Lactometer; Methods of Testing Milk and Milk Products for Adulterations; The Babcock Test Applied to Farm Conditions; Methods of Commercial Testing and Scoring of But-

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ter and Cheese; Methods of Commercial Testing and Scoring of Milk and Cream; Arithmetic of Milk and Milk Products.

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Tickets on sale daily until June 30th; also on July 4th and 13th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other

points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of Twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory which are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific Ry. and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

TWO-HUNDRED-EGG HEN.

Several years ago the two-hundred-egg hen was thought to be a freak or an accident. The idea that a hen should lay two hundred eggs in one year, or more than an egg every other day, to say nothing of the time devoted to molting and rearing a brood, was unthought of. Wise poultrymen looked at each other and said such hens were exceptions and to make the number greater than a very few would be an impossibility. We desire to state that the two-hundred-egg hen is more common than most people are willing to admit. She may be much in evidence in flocks where there is no means of knowing how many eggs a hen lays.

An eastern breeder who employs trap nests has found that out of over two hundred pullets hatched eleven of them proved to be two-hundred-egg hens. These eleven hens again placed in an experimental yard produced one hundred pullets and among them were twelve two-hundred-egg hens. From these twelve hens one hundred and twenty pullets were reared, among which were fourteen two-hundred-egg producers. It would seem by this experiment that the increase in good layers is not extensive, but it appears to be sure.

Another factor in the two-hundred-egg hen is that the number of eggs one will lay the second year is altogether problematical. Some will lay almost as well the second year as they did the first, and others will do even worse than some of the inferior layers. This same breeder reports one instance where a hen that laid 241 eggs in her pullet year produced 196 the second laying year, and nearly all of these eggs were fertile, while another hen having a record of 233 eggs the first year, produced but forty-eight in the second twelve months. Both hens appeared to be in excellent health, and the breeder attributed the difference to greater stamina in the ancestors of the two-year producer or better fertilization of the egg from which she was hatched, which enabled her to withstand the strain of long and continuous laying. She had a power to eat and assimilate large quantities of food, for a hen of her weight, and this food

was turned into the proper channel. The other hen was a good feeder, but did not eat nearly as much as the first hen.

There is more in the two-hundred-egg hen than her mere production. She must be properly fed, or all will result in failure. The food given should contain all the elements necessary for the production of eggs and at the same time the body must be maintained. In addition to the feed, the hen must have comfortable surroundings. Many pullets may be capable of producing two hundred eggs per year and not do it because they are not properly fed or housed. It is barely possible that many two-hundred-egg hens are now engaged in laying two or three dozens of eggs annually. The maximum result is only obtained by the best of treatment in all instances. As with all kinds of good stock, breeding is the foundation and there should go with this good feeding.

WATER AND SHADE.

In summer time nothing is more essential than a plentiful supply of fresh water and shade. As a rule the best plan for supplying water is to use water fountains to be found in poultry supply stores. These are the best because they give the best satisfaction and are the most economical in the long run. Such devices are easily kept clean and the water is kept pure which is quite a factor in the poultry business.

A basin may be filled with pebbles about as large as hens' eggs and then let down in the ground so the top edge will be about an inch above the surface of the ground. The water is poured in the basin and the chicks can drink between the rocks without getting themselves wet. The rocks are said to



Some Springdale Collies, owned by Mr. Geo. T. Underhill, of Knoxville, Iowa. See advertisement on this page.



THE FAMOUS OLD TRUSTY

More than your money's worth in incubators during the summer. We have them all beat; 40, 60 or 90 days to prove it. 5 year Guarantee. Now is the time to write to M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

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White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

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ROSE COMB WHITE LEGHORNS.

EGGS 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

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UPLAND Poultry Farm, Lt. Brahma, S. L. Wyandotte and R. C. B. Leghorn eggs for sale, 20 for \$1.50 for \$2.00 for \$3.75. Albert Haus, Waucoma, Ia.

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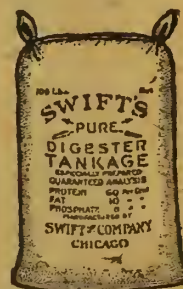
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Less than half a pound of Digester Tankage, costing under one cent will balance the daily ration and produce maximum gains. For booklets giving facts and figures write—"Protein for Profit" tells the story. Ask for it.

Swift & Company, U. S. A.

Animal Food Department, Desk 6
Union Stock Yards CHICAGO



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"The greatest Annual Live Stock and Industrial Exposition on earth."

HALF FARE
ON
ALL RAILROADS
BEGINNING
AUGUST 23D.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Summer and Fall Planting for Strawberries

To the Editor of The Homestead:

The following inquiry comes from a subscriber at LeMars, Iowa:

Will you give some information in the next issue of your paper in regard to planting strawberries in July? Also, would it do to use plants which have borne fruit?

The proper time to set strawberry plants is in the spring as early as the ground is in condition to be worked. Much has been said and written in regard to planting in the summer and fall, and many attempts have been made in this direction with the same almost universal result—failure.

The strawberry needs the whole season in which to establish a good root system and build up fruit crowns. Plants set in the summer do not have this opportunity and therefore fail to be productive.

The strawberry plant which is taken up and set out has two functions to perform, both of which it can do well if it has the entire season. The first function is to make crowns with which to bear fruit the following season. The other is to become the mother of other plants by means of its runners. A plant set in June or later cannot fulfill both these functions and weak crowns and weak plants are the result.

A great many nurserymen advocate fall planting for strawberries. Their motive for doing so is selfish and unscrupulous. By filling orders at this time they can have the work done at a slack time when help is plenty, they avoid the danger of winter killing of the plants, and everything which has a root counts, while had they waited until spring a great many of the poorer plants would have died from their own weakness.

As for using plants which have fruited, this should not be done. An old strawberry plant has a tough, woody root which cannot support the plant and allow it to perform its work. In digging

strawberry plants the old ones may easily be recognized by this condition of the roots, and such should always be rejected.

In no other agricultural venture have as many failures been recorded as in the growing of strawberries. From my own experience and observation I can say that the cause of nearly every failure is the failure to observe some cardinal rule of proper berry culture. In this connection it would perhaps be well to lay down the precept that he who would raise strawberries should plant only strong young plants in early spring and give them the best possible cultivation and attention.

Franklin Brown.
Polk county, Iowa.

If you are not ready to trade with the Litchfield Mfg. Co. as per their offer of Indian pictures, turn to page 5 and see what they say this week.

SUMMER TOURIST EXCURSIONS

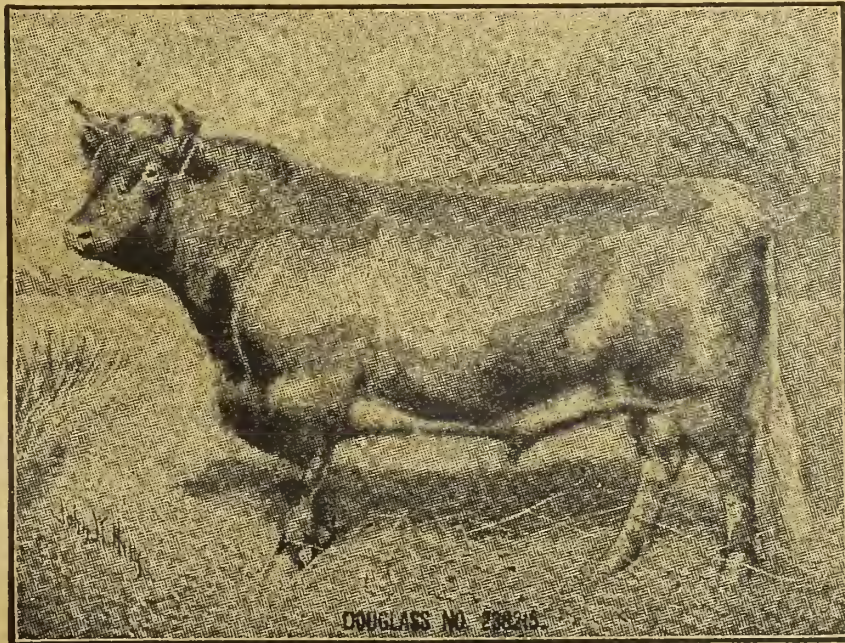
Via Chicago Great Western Railway to points in Alberta, Arizona, British Columbia, California, Idaho, Montana, Oregon, Washington, and Mexico City. Stopovers and side trips allowed. Tickets on sale daily to September 15th. Final return limit October 31st. For full information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

IOWA STATE EPWORTH LEAGUE AND TRAINING SCHOOL AT COLFAX, IOWA, AUGUST 1ST TO 13TH.

One fare for the round trip via Chicago Great Western Railway. Tickets on sale daily July 31st to August 13th. Return limit August 14th. For further information apply to any Great Western agent or J. P. Elmer, G. P. A., St. Paul, Minn.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized home-seeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.



The two-year-old bull, Douglas 238215, a son of Imp. Morning Star and out of Imp. Lady Blanche, to be sold in the closing-out sale of Mr. L. Brodsky, Plover, Iowa, August 23d.

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62 BUSHELS PER ACRE. That's the yield of ported "Malakoff" winter wheat. This wheat was imported by us from Russia, near the Black Sea, five years ago. We have grown and sold thousands of bushels of it. It has been thoroughly tested everywhere. Is as hardy as rye. Many experimental stations pronounce it the largest yielder, surest cropper and best quality of milling wheat grown. Seed wheat circular with full descriptions of winter wheat, rye, timothy, clover and other grass seeds mailed free with sample of "Malakoff" to all who want to make a change of seed. Write today. Address,

RATEKIN'S SEED HOUSE,
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Seed Wheat

BETTER drop the old, worn-out varieties which produce ordinary or average crops; it don't pay to grow them. If you desire to make farming profitable for the coming year begin now by buying seed wheat of the improved pedigreed sorts which have yielded

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OUR HOME DEPARTMENT

ALL communications intended for this department should be addressed to Post Office Drawer 117, Kansas City, Missouri.

WITH THE EDITOR.

For some time past it has been my intention to write an article or two on school matters. The dialogue which appeared last week "With the Editor," I intended to follow up this week. While I was thinking and trying to shape my thoughts, I came across an article which, though written from another point of view, said all I hoped to say and said it very much better than I could hope to say it. It occurred to me that the best thing to do was to cull the most important paragraphs, group them, and pass them on to our readers with a word of explanation and preface.

The New York Journal's editorial is, in a sense, simply a plea for recognition of the value of the teacher. But it should be remembered that the teacher makes the school. Also it should be remembered that those communities paying a mere pittance for school purposes and so carrying themselves toward the teacher that generous, whole-souled service is as improbable as fine equipment, need to be brought to a realization of what the teacher's services are and how they should be remunerated. Almost always returns are in proportion to investment. Hence the wisdom of making the teaching profession attractive. The importance of making the rewards of the profession such that it will attract persons of large gifts and fine character is nowhere realized as it should be, but it is less appreciated in rural districts than elsewhere. The consequence is that, to a distressing degree, the country school is a football, tossed from one girl, from one lad, to another—the girl teaches a few terms until she marries, the lad a few terms to help pay his way through college—and the children suffer accordingly. It is earnestly hoped that the following article may rouse thought and result in the formation of more healthy public sentiment.

MOST IMPORTANT PEOPLE IN THE WORLD TODAY—"MANUFACTURERS OF THOUGHT," GREAT "CAPTAINS" OF BRAIN INDUSTRY, MOLDERS OF FUTURE AGES—ARE THE SCHOOL TEACHERS.

The public school teacher is the Christopher Columbus of the intellect. In the millions of unexplored brains among the school children of this country there is wealth far exceeding the material wealth of the continent that Columbus gave to the world.

This is the first century of universal reading; the first time in all the centuries of human life that the use of the brain has become universal through education.

In the generations past men have learned to use their fingers, their bows and arrows, spears, ox-carts, locomotives, bicycles, wireless telegraph, etc. They have conquered some of the powers of Nature.

But among the great mass of the people the greatest natural force of all, the force of the brain, has been neglected.

Those electricians and mechanics who harnessed Niagara were like children playing with paper windmills when compared to the American public school teacher, who is harnessing the brain of this Nation.

In that brain lies the power that is going to do the great work, the work for which the world has been waiting through the centuries—the work of emancipation from poverty, from industrial slavery and all the other sorrows that follow in the wake of ignorance.

The school teacher is the great thought manufacturer. Into his hands come the thousands of young minds that need direction and guidance, that by proper teaching are capable of almost unlimited development.

Behind each of the teachers one's imagination sees stretching out a long line of hundreds and even thousands of children. That long and mighty line of the future is the real hope of the present. For who would care to live, or feel his living earned, if he were not trying to make the future days better for future men, as those behind him struggled to make this day better for us?

The school teacher's career calls for great unselfishness, real devotion to duty.

The world has not realized yet what is due to children and what is due to those who teach children.

The man at the head of a petty court is gladly paid ten thousand dollars a year or more for fining and imprisoning unfortunate drunkards, for regulating the human refuse of the world.

The man in the court of education, the man who is fighting drunkenness in the future, fighting crime and building the nation of the future, is grudgingly paid a fifth or a tenth

of the reward that goes cheerfully to men doing work infinitely less worthy.

The teacher is as unselfish as those coral insects that work deep in the blue sea, slowly, patiently raising an island—a glorious addition to the world—which they are destined never to see.

The teachers are patiently building up a better state of society, a better people. There is no progress except through knowledge.

The school teacher is the enemy of superstition, of bigotry, of ignorance, of all the spiritual foes of mankind.

We speak patronizingly of the Dark Ages, but these are the dark ages. And the teachers are the light bearers, the Lucifer's tree from pride, doing their great work for the future in self-abnegation.

Teachers are not only important because they educate the children, but also important because they educate the parents of the children.

When the public school shall have existed for a century or more all the parents of the country will be teachers, and the labor of the school teacher will be greatly lightened.

The public school teachers are the most marvelous family men in the world's history. They are the intellectual fathers of thousands of children and of grown men and women. Theirs is a very great opportunity and responsibility.

The mind of the next generation will reflect not the mind of the editor or the clergyman or the literary individual of today, but the mind of the public school teacher.

There is no question that the public should gladly and eagerly make it possible for the school teachers to live in comfort, free from anxiety as to their future, well rewarded for good work in the present.

A nation rich enough to pay nearly \$200,000,000 a year in pensions to good men that helped to kill enemies should be willing to pay those more important men who are helping to bring about the day when killing will stop, who are giving to the nation the only real asset that it has—the good and enlightened citizen.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

When'er a noble deed is wrought,
When'er is spoken a noble thought,
Our hearts in glad surprise
To higher levels rise.

The tidal wave of deeper souls
Into our inmost being rolls
And lifts us unawares
Out of all meaner cares.

Honor to those whose words or deeds
Thus help us in our daily needs,
And by their overflow
Raise us from what is low.
—Longfellow.

DISCOVERED IT FOR HIMSELF.

"I meant to have told you of that hole," said the kindly host to his friend who had suddenly disappeared in the course of a stroll through the grounds into a pit full of water. The friend climbed out and shook himself. "It doesn't matter," he said cheerily, "I found it."

GOWNS FOR STOUT WOMEN.

Don't wear wide belts.
Don't wear a tight-fitting coat.
Don't trim a skirt except at the bottom.
Don't wear a sleeve that is full below the elbow.

Don't use frills of any kind on a gown if you are stout. Use flat trimmings.
Don't wear bow ties. Wear something small and narrow if a tie is required.

Don't wear fluffy things around the neck. Let the neck finishing be as flat as possible.

The stout woman who dresses to her figure rather than to fashionable models is always more charmingly gowned than she who wears what is fashionable in itself rather than what is suitable.

TO SET COLORS.

It is impossible to tell whether a color is fast before washing, but by far the safest plan is to "set the colors" before it goes to the tub for the first time. One of the best methods of setting delicate colors consists in simply making a strong brine of cold water and salt and soaking the garment from twelve to twenty-four hours. Of course this should be done just before going to the laundry, and the salt should not be allowed to dry in it.

This is especially good for all shades of pink and green, and colors once set this way will be bright as long as it would be reasonable to expect it. A strong solution of alum and water is good, particularly with blues and the more delicate shades of brown, but its effect is not so lasting as that of salt, and it is sometimes necessary to renew the bath after the first three or four washings.

WITH THE COOKS.

Chicken With Macaroni—Cut a cold boiled chicken into small pieces; put a layer of boiled macaroni, broken into short lengths, in the bottom of a baking dish, and over this put a layer of thick cream sauce with bits of cheese sprinkled over it, then a layer of the chicken and so on until the dish is full, having sauce, sprinkled with bread crumbs, on top. Bake in a moderate oven and brown on top. About one pint of sauce will be needed.

Green Tomato Pie—Peel and slice a sufficient number of green tomatoes to fill the pie. To four tablespoonfuls of vinegar add one-half tablespoonful of sugar and enough nutmeg to flavor. Pour this mixture over the tomatoes and put on the upper crust. Bake very slowly. If the tomatoes are stewed first there will be no danger of having the pie too juicy.

Carrots and Turnips.—A very palatable dinner dish is made of these vegetables combined. Boil both until tender, mash the turnips and cut the carrots into dice. Mix both together and season with butter, salt and pepper.

Canned Corn—As this is the best canned corn recipe that I have ever owned and tried I will send it along, hoping that some other sister will enjoy it. Corn canned by this recipe keeps well and only needs the addition of pepper and butter or cream. Go



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to a good, reliable druggist and have this prescription filled, salt and all: Salicylic acid, 5 drams; sulphate of soda, 84 grains; salt, 5 ounces. Dissolve this in one-half gallon of warm water. (This will do for four gallons of corn.) Cut corn from cob and to every gallon of corn add one cup of sugar. Add this water mixture, mix well and press it down well in glass jars; put rubbers and lids on tight; set in a boiler of cold water, with straw in bottom of boiler, and boil three hours; then tighten the lids again and keep in dark.

SUMMER PUNCH.

Put into your punch bowl a cupful of granulated sugar; add the juice of six lemons and stir until the sugar melts. Put in three peeled lemons, sliced very thin, and leave in the ice until you are ready to use it. Add, then, a dozen sprays of green mint and a quart, at least, of pounded ice. Stir well for a minute and pour from a height into it two or three bottles of imported ginger ale.

JELLY MAKING.

Plums and nectarines are a good combination for jelly. Use half of each variety of fruit. The fruit may be cooked together or separately at one's option. To extract the juice add a little water, then cook slowly until the juice flows freely. Strain through a jelly bag, measure and add three-fourths of a cupful of sugar to each cupful of juice. Boil fifteen minutes and pour into heated jelly glasses.

Equal parts of grapes and apples make a well-flavored jelly, nice to serve with game and meats.


In making apple jelly try the effect of the juice and the thin yellow rind of a lemon to each pint of apple juice. Skim out the bits of lemon rind when the jelly is put in glasses. Apple jelly to serve with roast goose or pork is flavored delicately with mint.

Jellies are so rich in sugar that they are protected from bacteria and yeasts, but they must be covered carefully to protect them from mold spores and evaporation. The following methods of covering jellies are all good: Have disks of thick white paper the size of the top of the glass. When the jelly is set, brush the top over with brandy or alcohol. Dip a disk of paper in the spirits and put it on the jelly. If the glasses have covers, put them on. If there are no covers, cut disks of paper about half an inch in diameter larger than the top of the glass. Beat together the white of one egg and a tablespoonful of cold water. Wet the paper covers with this mixture and put over the glass, pressing down the sides well to make them stick to the glass, or the covers may be dipped in olive oil and be tied on the glasses, but they must be cut a little larger than when the white of egg is used.

A thick coating of paraffin makes a good cover, but not quite so safe as the paper dipped in brandy or alcohol, because the spirits destroy any mold spores that may happen to rest on the jelly. If such spores

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are covered with the paraffin they may develop under it. However, the paper wet with spirits could be put on first and the paraffin poured over it.

If paraffin is used, break it into pieces and put in a cup. Set the cup in a pan of warm water on the back of the stove. In a few moments it will be melted enough to cover the jelly. Have the coating about one-fourth of an inch thick. In cooling the paraffin contracts and if the layer is very thin it will crack and leave a portion of the jelly exposed.

AMONG OURSELVES.

Is Mrs. McKelvie to win the prize? It begins to look that way. Of the letters bearing upon the questions she proposed I have chosen two for this

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week. Aunt Ellen addresses herself rather to Mr. Young's reply than to Mrs. McKerie's questions, but her letter is an indirect reply, and a forceful one at that. "Country Gentleman" goes at the matter in a different way—a somewhat astonishing way, when his age is considered. And now you shall hear them both:

Mr. J. B. Young did not answer Mrs. McKerie's question, but gave it the clinch by saying that he thinks the faults of many men are due to their training, and as most men have been trained by some woman, who is to blame? He handles this old saw well and just as he has heard it, but it seems to lack a just and generous thought on his part. If the Creator of the human family had thought it just as well for offspring to be born and reared by one parent He could have planned it so, but His plan was for two parents for every child—"male and female created He them"—and there is equal need that both teach by example and precept all of the children born to them. They must if they desire the best of men and women in their own home and the homes they will make for themselves. Evidently Mr. Young believes in obedience of children to a certain extent, but he says the boy is snubbed when he runs into the house with muddy feet, and is noisy on rainy days, or any other days. I say no boy or girl ought to be allowed to do such things, both for their own good and for the comfort of those by whom they are surrounded, for if allowed to act in such a disrespectful manner they will never become manly men or womanly women. Children must be taught self-restraint, with which comes self-respect and consequent respect for others. If parents do not wish to have their boys running in questionable places and company, they should not set the example nor allow it in childhood, when one can have them do as one likes. Every person knows that if habit is once formed it becomes a part of character. When fathers will love their son's welfare well enough to give them the same thought and care that they freely give the personal habits, clubs and lodges, which take much of their earnings and many of their nights, when they cease to leave all responsibility to the wife who is giving her best for the good of the child that she loves and would succeed better with had she the help of the husband and father, when the time comes that the husband can see that fifty cents of every dollar of their mutual earnings is as much hers as his, and that she is as much entitled to the use of her earnings as he, while they both live and that she should have by law the same privilege of control and use of all left after his death that he has after her death, when, in fact, we have equality of the sexes, then the old traditions with the fling, "It is only a woman," will pass away and with it the arrogance and selfishness of man. You say that the millennium will come first. If so, let it come. Meanwhile we will continue to labor for more thought on this serious subject.

I thought you might welcome a new member Among Ourselves. First, I will tell you who I am—the son of an old member who used to write as "Celeste." Some of the elder members may remember her letter about a certain washing machine. She didn't hear the last about that for nearly two years. The washer is almost worn out now, after nearly six years of family work, and we are going to get another. Celeste is alive and well, with us three children—myself aged fourteen and two girls aged five and one. My purpose in coming among you was my being interested in some topics you discuss. I suppose Mrs. McKerie is patiently waiting for someone to answer her. I have in mind two people who used to be our neighbors. One of these was a man who used to leave home about 5 o'clock p. m., go to town, get with boon companions and carouse for some ten or twelve hours, his horses waiting outside the door, sometimes tied and sometimes not, as the case might be. Now, the other person I speak of was a woman. She used to go to town every Saturday to see who was there, on Thursday to attend a certain society, and once or twice through the week to do trading. This woman didn't do enough sewing to keep a spider awake, but spent her husband's hard-earned cash for that. I say her husband's because he was the one that earned it. Now, the question is (for Mrs. McKerie and others Among Ourselves to decide), which of these two people is to be blamed the most? There is, however, a large class of each kind. Another of the sisters spoke about the bellowing herd issuing from the town school. It is noticeable when the crowd from the school in a near-by town comes to the first street corner the country scholars separate and go quietly down a back street, while residents in town surge on towards the postoffice with shouts of "Say, Bill, who frowed that 'ere corn cob?" etc. On the other hand country children are apt to go to the other extreme, for some will hardly answer when spoken to. This extreme is preferable, I think. This is the glorious Fourth with but one celebration within ten miles, and that a money-making scheme. For us we can eat our ice cream and drink our lemonade at home.

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me explain that Celeste innocently wrote praising a washing machine which she had bought for quite a small sum—a dollar or two, if I remember—and that straightway I was deluged with requests to give the name of the machine. This I could not do—I did not know it—but I forwarded the letters and poor Celeste was kept busy for weeks answering them. It occurs to me that this notice will bring other inquiries, so to save Celeste I'll find out the name of the machine and be prepared to give it to all comers.

"A Mother" comes in response to a request for suggestions regarding the vacation dress of little girls. After her we shall have something from Mrs. Os-theimer:

Some mother asks how to dress little girls neatly during vacations and not have too much washing. Dark pink calicoes are fine; so are blues and reds. Make an under waist with two rows of buttons on the bottom, the upper row of buttons two inches above the lower. Button the drawers on the lower buttons and the under skirt on the upper buttons. I see many little girls with colored panties, but I used white with a narrow crochet or Hamburg lace on the bottom. These were easy to wash and iron. Each little girl had seven pairs, but seldom used more than three pairs in a week, and then they were not much soiled. The under skirt should be of outing flannel with very little white in stripe or figure. These skirts need no starch or particular ironing. Over these garments put a princess dress or mother Hubbard; I prefer the princess because the Hubbard sags in front as the children stoop in their play. Use no ruffles; if you must trim, do it with braid or a briar stitch. The addition of a long sleeved and long skirted apron will keep a child comfortable during cold or damp mornings. I starch calico or gingham garments. They keep clean twice as long as unstarched ones do and well pay for the extra ironing. Some very small girls are naturally very neat; others the reverse, but the worst can be taught to care for their clothing. Dirty hands make dirty clothes. An old towel ought to be in a convenient spot for the children to wipe soiled fingers on. It is all the better if they have a wash dish in their reach, but I would not allow soap unless I had plenty to waste. Don't rebuke at bed time because the clothing is soiled, but rather give praise for the care that has been taken, and point out the way to keep clean. I know a four-year-old girl who has ten ruffled and tucked dresses in every week's wash; her little friend across the street has one white dress and two gingham. I see no difference in their happiness.

A "Lover of God's Out-of-Doors" has aroused me, and I have been thinking of writing, but so many subjects have been discussed this spring and all thrashed out clean from the chaff that there was nothing left for me to say. Well, as we live in a corner of the timber I suppose I ought to tell you of shady paths, huge shade trees and the river, but I am going to speak of something every one can enjoy that walks or drives along a highway in June—white clover, fragrant, beautiful and so friendly. Why, it will even push up its bright green leaves right in the middle of the flower beds. A handful of the fragrant blossoms placed in water and in the midst of the dinner table awakens an appetite, and how good are the delicious whiffs that greet one when riding along the highway or just plain walking. Now, as I have given the poetry of the letter, as it were, I will come to the prose or practical part, and that is, well, don't say horror! but it is only chicken mites, and they are mighty. I have hesitated on giving my plan, but after using it for two years, and it has proven satisfactory, I will give it: When we wash, which is usually Monday, we remove our roosts, which are 2x4's planed smooth and sawed so that they are two inches square (these are rested in sockets on cross pieces, and easily removed), place them out-doors and scrub them with the hot suds, using an old broom. The suds kills lice and mites if there is any concentrated lye in the water, and if you use soft water just buy a can and add some to the water. While the roosts are out-doors clean out the droppings, rake them up with a hoe and take the scoop shovel and throw them into the wheelbarrow or bushel basket and carry away. Then take the remainder of the suds and the old broom and scrub the cross pieces that hold the roosting bars and the sides of the house where there would likely be any cracks for them to hide in. Use a good lice powder in nests and burn all old straw from nests every once in a while.

Mrs. C. Schwarz, of Hinton, Okla., has two dozen free-stone peach seedlings which she wishes to graft. Who will explain the process?

There are a number of good things in store for next week. I am very well

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pleased with the hearty way in which the friends are co-operating with me in my effort to make our summer sessions particularly interesting. Let the good work go on. Keep me well supplied with letters that there may be variety as well as excellence.

Dressmaking and Millinery—No. 528.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Th favor of the sailor blouse waist, always very popular, is revived especially at mid-summer and as the autumn season approaches, for it is then that more than the usual preparation of outing costumes is



[5375—Sailor Blouse, \$5 to 40 bust.]

going on, and this style of garment fills requirements that none other seems to. It is always well to note the special features that mark any changes in its form and fabrics, as well as their combination, and then see that a costume having one of these waists, or if preferred simply a separate waist in this mode is in the wardrobe.

No. 5375 is an especially attractive design for the sailor blouse, having all the features of the up-to-date waist, combined in this popular mode. As illustrated it may be made with or without the collar, or rather

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er the collar should be made separate so that it may be worn or omitted at will. This arrangement also permits one to vary the collar according to the occasion on which it is worn, a dainty collar of lace or sheer material trimmed with embroidery or lace giving an allowable dressy touch if occasion suggests it. Other features may be varied as one's taste may dictate. When a medium low neck is desired the shield and band collar may be omitted, or simply omit the band collar and round out the neck of the shield. The pattern provides for either long or short sleeves, but it is well to provide the deep cuffs to be worn at will, for there will be occasions for these

with the ordinary sailor blouse. The fronts of the waist are gathered and joined to a yoke, the back being in one piece, having slight fullness at the waist line. Any of the usual outing fabrics or wash fabrics are suitable for such waists, and any mode



[5362—Chemise Night Gown, 35, 36 and 40 bust.]

of skirt may be worn with such. No. 5375 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure.

No. 5362 pictures an exceedingly nobby and summery night dress, and one that while appearing very elaborate is of the simplest make. The body of this gown consists of front and back only, each of these being in one piece, the fullness at the neck being adjusted by means of ribbons that are drawn to fit as closely at the neck as one may choose. The garment is to be slipped on and off over the head, so needs no buttons or button holes. The sleeves are to be made rounded or pointed about the edge, or they may be lengthened and adjusted by means of ribbons or wristbands. As shown they are simply caught together on the outside with ribbon fastenings. The trimming pictured is of val lace insertion and edging, the insertion being applied in a pattern that is indicated on the pattern. Other modes of trimming may be used instead. The pattern is cut in three sizes only, these being for 32, 36 and 40-inch bust measure. Variations for other sizes are easily made in such loose-fitting garments.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

THE IOWA LIMITED.

The Rock Island lines showed a great deal of tact and cleverness in naming their new "Fast Express" to Chicago "The Iowa Limited."

This train places the Rock Island competitors in the "back row" and is Des Moines' "pet train."

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The Chicago local leaves Des Moines at 6:47 a. m. and arrives in Chicago at 7:35 p. m.

The Rocky Mountain Limited leaves Des Moines at 7:50 a. m. and arrives Chicago at 5:15 p. m.

The Colorado Fast Mail leaves Des Moines at 12:40 noon and arrives Chicago at 10:25 p. m.

The Chicago Express leaves Des Moines at 6:25 p. m. and arrives Chicago at 7:00 a. m. The Eastern Express leaves Des Moines at 9:35 p. m. and arrives Chicago at 7:17 a. m.

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10:32 p. m.	9:00 a. m.
11:30 p. m.	11:00 a. m.
2:15 a. m.	11:00 a. m.

The arrangement for sleeper Chicago to Des Moines on "Fast Mail" train leaving Chicago at 2:15 a. m. is especially made for those who desire to take in the theater and get home before noon the next day. The sleeper is open for occupancy at 10 p. m.

There is nothing too good for Des Moines people and the Rock Island lines are surely giving them what they want.

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Pleasant Fields of Holy Writ

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON

Third Quarter. Lesson VII. Luke XV, 11-32. Aug 12, 1906.

The Parable of the Two Sons.

A son in a noble and wealthy family, chafing under parental restraint, or having exhausted local means of dissipation and sighing for fresh fields of voluptuous conquest, inconsiderately requests an ante-mortem division of the estate. The indulgent father makes it. Perhaps he has no recourse; parental authority is at an end. The son's heart is callous to the appeal of love; sin has indurated him. The guileless youth, the father's pride and joy, has grown the gruff, defiant rebel to whom the amenities of home are insufferable.

In the shortest time possible the infatuated youth tucked the sparkling gems and golden bars, his patrimony in portable form, easily convertible into coin of any country, in the pockets of a money-belt, and, strapping it about his person, he went abroad—perhaps without even a ceremonious farewell.

He wasted his substance. He tossed it in the air (as per derivative) as the father does his wheat when he will separate it from the chaff. He lived dissolutely. He was insalvable (as per derivative) while his infatuation lasted. The coincidence of the devoured (literally) patrimony and the universal and extreme famine puts a pathetic touch to the sorry plight of the dissolute spendthrift. He was left behind (as per derivative) in the race. He never, in spite of his infatuated effort and extravagance, so much as reached the glittering goal of his wanton ambition. The gay, reveling party that kept him company while his means held out, swept past him thanklessly and disdainfully when his once plethoric purse was at last empty. He awoke as from a dream—alone! penniless!

With the pertinacity of despair he glued (literally) himself to a foreign land-owner, whom in his prosperity he would have dubbed a "Gentile dog"—with whom he would have had no intercourse, much less receive a favor from him. In his despair he cleaves to the foreigner so tenaciously that he cannot be shaken off. A superlatively disgusting and degrading task is given him—offensive to all the senses, repugnant to all the ideas of ceremonial cleanliness instilled in his mind from boyhood.

So sharp were the pangs of hunger that he kept coveting the swine their feed—the locust pods he threw down before them. What humiliation, sorrow, despair are compressed in the half-dozen words—"And no man gave unto him."

At last the hypnotic spell of sin is broken. Self-consciousness, self-control are regained. Memory paints the ancestral home. The flown blessing brightens. What abundance, comfort, care, there extends to the most abject menial! The veriest scullion has such a superabundance that he can pose as a benefactor before the tramp.

"I will!" What a battle royal has preceded and made possible those talismanic words! Fear, shame, pride have been met and conquered. "I have sinned" is the correlate of "I will arise." Confession absolute and frank, without apology or plea in abatement, shall be made. The penalty and consequences of apostasy, disinheritance, servitude instead of sonship, shall be assumed without a syllable of complaint.

It is done. But how different the sequel from that which the prodigal anticipated! He is met long before he can reach the door where he expected to make his confession and prefer his modest request. The father's compassion, how admirable! Kiss of reconciliation, how sweet! The first robe, richly dyed and embroidered, is cast about the bare and sun-burned shoulders. The signet of rank is placed upon the wan finger. Bare feet, mark of servitude, are shod with the sandals of a free man. Now follows the joyous banquet.

The murmuring Pharisees cannot but see themselves portrayed in the elder son, with his ill-formed, ill-natured protest. The true Messiah had come to heal the sick, raise the dead, find the

lost. Will the hale, the unstrayed, those who do not need his kindly offices, begrudge them to their brothers, whose plight is so pitiable and desperate? The climax is reached, the plea unanswerable.

Analysis and Key.

1. The "Pearl of Parables." Primary object: Intended to justify Jesus' attitude toward publicans and sinners. Pictures renegades objects of Divine compassion.

2. Secondary object: To picture sin as a revolt against the beneficent father.

3. Incidental lessons. Freedom of the will. Folly of sin. Unsatisfying nature. Desperate consequences. Evangelical penitence. Discriminated from legal. The process and course of recovery. The Divine Compassion.

The Teacher's Lantern.

The primary use of the parable of the Prodigal Son must not be lost sight of in its evangelical and modern applications. By it Jesus sought to justify His kindly and familiar bearing towards publicans and sinners, at which the Pharisees and scribes were so outraged. He showed the veriest renegade of Israel as still the object of Divine compassion, his restoration possible—a thing He earnestly sought.

In its universal, gospel application this "pearl of parables" pictures sin as a revolt against a beneficent Heavenly Father, whose law is right and just and good.

Here is mirrored the freedom of the will. The son had his own way. He is not let or hindered, except by the pleadings of love and its faithful warnings.

The folly of sin has no more startling exemplification. True as startling;

drawn to life! How swift the "descensus Averno!" How soon the fool and his money are parted! How irrevocable the last estate! Remediless! In the mire with swine!

Who shall ever number the sinners to whom this parable has been the "open sesame" to a new life? Blessed be the day in which it was spoken! "I will arise!" "Father, I have sinned!" The Heavenly Father meets the returning prodigal in the way.

"Lost!" "Dead!" Here is no minifying of the prodigal's fallen state. Lost to God; lost to heaven; dead in trespasses and sins!

The far country is not a matter of geography. It is expressive of estrangement, of alienation from God.

The prodigal's theology was bad, though it showed well the strength of his compunction. It would be impossible for him to ever be his father's hired servant. He is son or nothing.

Solomon is the example for all time. Here the penitent is strictly orthodox. The turpitude of sin consists in this, that it is done against God. Judah's penitent king knew this when he cried, "Against Thee, Thee only, have I sinned!" With this truth Joseph armed the angels of God.

Solomon is the example for all time of the unsatisfying nature of sin. He drank every cup of joy, heard every trumpet of fame; drank early, deeply drank; drank drafts. That common millions might have quenched; then died. Of thirst, because there was no more to drink.

Hear his dying protestations of the inadequacy of the sensuous world to satisfy an immortal: "Vanity of vanities, all is vanity!"

Joy in heaven—that is the measure of the sinner's peril. Were sin a mere episode, a passing incident, a dilemma, extrication from which is easy, there would be nothing in that to set the joy-bells of the skies a-ringing. It is because the sinner stands on the crumbling edge of hell, on the brink of the lake that burneth with fire, where their worm dieth not and their fire is not quenched; because he stands where there is no eye to pity, no arm to deliver, except the eye and arm divine; snatched as a brand from the burning—it is because of that there is joy in the presence of himself when he cries, "How can I commit this sin against my God?"

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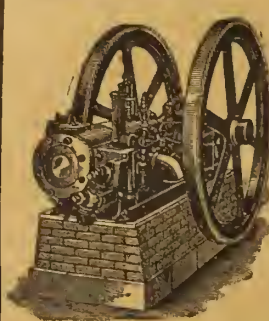
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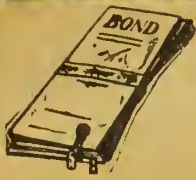
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They are at all times and under all conditions absolutely safe. No failure can affect your security. **THE LAND CANNOT FAIL. BANKS CAN.** Your money is drawing 5% interest for three years and your security—the land—is steadily increasing in value every month. You can invest your money in whatever amounts and at whatever times you find most convenient. The largest fortunes have been built upon real estate investments. When you deposit \$10 in a bank you receive only a memorandum in your book. When you invest \$10 under our plan you receive a bond on one acre of good Minnesota land—and that acre is held in trust for you by the Minneapolis Trust Co.

Begin Saving and Investing Your Money Today.

How This Plan Differs From Buying Land on Installment Payment Plans—and Why It Is Better.

Suppose you want to buy a farm of forty acres, and you want to pay for it at the rate of ten dollars per month. Under the old installment plan you would enter into a contract to buy the 40 acres. You would begin making payments—but you would **NOT OWN ANY LAND** until you had paid for the entire 40 acres. If, for any reason you could not keep up your payments you would lose whatever you had paid in.

Now, under our plan—the **ACRE BOND PLAN**—you would **not** enter into a contract. You would begin paying \$10 monthly or any other way. And every time you paid \$10 you would receive **A BOND ON ONE ACRE OF LAND**—and that bond would at once begin earning you 5% interest. When you had made 10 payments you could (if you wish) exchange them for a **WARRANTY DEED TO 10 acres of land**. That land would **BELONG TO YOU**. Then you would accumulate 10 acres more in the same way—and so on until you had your 40. While you are buying it you are running no risk of losing a dollar. You can stop payments any minute. You still have your bonds or your land. There are no forfeits of payments already made. In other words you **GET YOUR MONEY'S WORTH FOR EVERY PAYMENT**.

ON THE ACRE BOND PLAN YOU CAN NOT LOSE.

On the Installment Payment Plan You Lose All You Pay In Unless You Are Able to Continue Paying to the End.

THE ACRE BOND PLAN IN A NUTSHELL

We have set aside 3,000 acres of our Choicest Minnesota Lands—**Good Lands**—every acre of them.

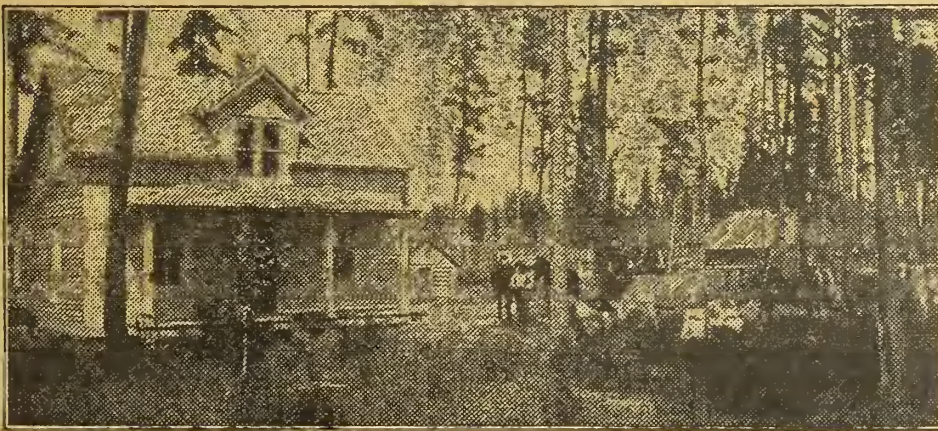
This tract of 3,000 acres has been placed in the hands of the Minneapolis Trust Company, as a matter of further securing the investor. Each acre has been **BONDED** for exactly its present value, which is ten dollars. You may buy just as few or just as many of these bonds as you want. For every \$10 you pay you will receive **A BOND** on one acre of land. When you have ten bonds or more you can either exchange them for a deed to an equal number of acres of land—in tracts of 10 acres—or you can continue to hold the bonds and draw 5% interest on them for three years. The land itself is your security.

There are no forfeits—you are not bound to any certain number of payments, nor to any certain amount.

We have valuable and instructive booklets, maps, photographs, etc., etc., which we will send you entirely free if you will write to us for them. We do not expect to be able to supply the demand for these acre bonds for more than thirty days upon the terms we are now offering them, so you will do well to fill out the coupon and mail it to us today. Better still, send your first payment and begin buying a farm.



A HOME ON BENNER'S LANDS.



THE LANDS

are the choicest Minnesota cut over lands. They **must** be fertile or they could never have been covered with forests as they once were.

They are located in Cass County, (send to us for a map) 25 miles from the city of Brainerd. Railroads run all about and through them. **No swamp lands.** Nothing but real soil, suitable for profitable farming. Fairly well settled already—and more coming every day. We prefer for you to come and **look the lands over**. But as there are many who cannot come at once we have arrangements to describe and picture to you just what we have. If you have friends in Minneapolis, ask them to pick out your land for you, or ask them what kind of land we have. Our booklets, which

we send you free tell you all about the farms, what is raised, how much and what kind of grain is grown on our lands and give you lots of other valuable information.

REFERENCES:

MINNESOTA NATIONAL BANK,
Minneapolis

THE NATIONAL BANK OF COMMERCE
Minneapolis

MR. FRANK A. CHAMBERLAIN, President Security Bank of Minnesota

MR. E. H. MOULTON, President Twin City Telephone Co.

MR. C. E. COTTON, Cashier Peoples Bank of Minneapolis

FRANKLIN BENNER LAND COMPANY,
704 Bank of Commerce Bldg., Minneapolis, Minn.

**FRANKLIN
BENNER
LAND CO.**

704
Bank of Commerce
Building
Minneapolis, Minn.

Please mail, without cost or obligation on my part, your booklet, photographs, etc., describing your Acre Bond Plan.

I am thinking of buying a farm ☐

I am thinking of investing in your savings bonds. ☐

Mark circle opposite plan in which you are interested.

NAME.....

ADDRESS.....

DATE.....

FILL OUT THE COUPON—TEAR IT OFF AND MAIL IT TODAY.

....LANDS AND HOMES FOR SALE....

**We Will Take In
Registered Stock**
As part payment for some of our first class
Improved

North Dakota LAND

The best in America. Send for our illustrated land
book. Write us what kind of stock you have
and how you wish to deal.

J. B. STREETER, JR., COMPANY,
BANKERS,
North Dakota
Capital and Surplus,
\$250,000. Responsible Agents
wanted everywhere.

IOWA FARMS

120 ACRES 4 miles from town of 8,000
population; fine, level, black prairie
land; well improved; a good home farm. Will
sell on favorable terms.
160 ACRES 6 miles from Independence;
2 miles from creamery, store and
blacksmith shop; near school and church;
rich land; good improvements; good orchard
and small fruit; fine home.
200 ACRES 5 miles from Independence;
3 miles from a good market town;
good black land; well improved.
Write for prices and terms and send for our
new list with pictures.
NORTHERN IOWA LAND CO.,
Independence, Iowa.

522 ACRES 60 miles South Kansas City. If sold
by September 1st, only \$12,000. Half
cash, balance 6 per cent. Price cut from \$12,000. Good
red and black land, 300 acres in cultivation, balance
good saw timber and pasture, one house story and a
half and addition; another 3 room house, fruit, shade
and good water, on mail route, telephone in house,
railroad town 5 miles, one mile line electric survey,
3/4 mile to school. This farm is in old settled, well
improved farming country, natural blue grass, raise
clover and timothy. More hogs shipped from that
station than from any town on M. & T. Ry. 8
miles southeast of Parker, Lyon county, Kan. Send
for farm list. W. H. Slaughter & Co., 221 Dwight
Bldg., Kansas City, Mo.

LAND FOR SALE SAVE AGENT'S PROFIT.

I HAVE for sale three adjoining quarter sections
unimproved land in Lyman county, South Dakota,
4 miles from Kennebec, 6 miles from Presho.
This section has proven its worth for corn and wheat
raising and will bear inspection. If you are looking
for a good, cheap farm or for an investment, write
to me for full particulars. Price \$14.25 to \$14.75 per
acre, part cash. Address,
P. W. Peck, 228 2d St., So., Minneapolis, Minn.

FOR SALE
A SECTION of land in Antelope Co., Neb., located
in the alfalfa and pumpkin pie belt of the state.
7 room house, horse barn, cattle sheds, cribs, stock
caves, windmill and storage tanks, 3 acres fruit, 200
acres in cultivation, balance can be cultivated, all
fenced and cross fenced, some tame grass, corn now
growing that will yield 50 bus. to the acre, oats 50
bus., winter wheat 25 bus. Located 5 miles from the
county seat. Price \$25 per acre, half cash, balance on
long time payments, owner not a farmer and is
offering at a sacrifice. Address,
W. T. WATTLES, NELIGH, NEB.

**22,000 ACRES FOR SALE, FOR \$3.50
PER ACRE.**

THIS is a rich body of land, all fenced, with 15
houses, 60 miles northwest from Tampico, state
of Tamaulipas, Mexico; five miles from railroad, 15
miles of river front; will grow 12 crops of alfalfa, 2
crops of corn; all kinds of vegetables in winter; no
frost; plenty of rain; great stock country; very rich
land; fine climate and good health; only 12 hours
from San Antonio, Tex.; \$32 round trip; fare from
St. Louis. Send for further particulars.
PHIL CHEW, LACLEDE BLDG., ST. LOUIS, MO.

FARM WANTED.

I WANT a highly improved Iowa or Illinois farm
worth from twenty to thirty thousand dollars in
exchange as part payment for a large well watered
central Missouri stock and grain farm on navigable
river, 5 miles from Rock Island railroad, midway be-
tween St. Louis and Kansas City, containing 1,900
acres. Present price is \$25 per acre. This property
is capable of great development. If interested de-
scribe fully and address,
A. S. LOOMIS,
909 CHESTNUT ST., ST. LOUIS, MO.

MISSOURI 28 MILES FROM KANSAS CITY

160 ACRES in Jackson County, Mo., and one of
the best farms in the state, with a 7-room
house, and other good improvements, orchard, etc.
All level land, black limestone soil. Must sell. Price
\$35.00 per acre. For photographs, descriptions and
full particulars, see
A. J. JONES & CO., PLEASANT HILL, MO.

TEXAS LANDS.

WE WANT a reliable influential farmer in every
community to act as our agent for the sale of
Texas lands. We own 350,000 acres of the best lands in
Texas. For sale on easy terms. Write us for particulars.
Snyder & Yutz, Dwight Bldg. Kansas City, Mo.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres
well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220
acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improve-
ments. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice im-
provement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirks-
ville, good improvements and as near an ideal home in every respect as can be found, and we are only ask-
ing \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no bet-
ter land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody,
but it is better than it looks and we are putting the low price of \$40 on this ideal home. 180 acres, 90 rods to
Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house,
in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not
for sale. We simply have more than we can handle.



WE BUILD YOU A HOUSE FREE OF CHARGE

and sell you fertile land at a low price and on easy terms,
within 25 miles of St. Paul and Minneapolis. This is the greatest
proposition ever made to readers of this paper. You have your
choice of 40 acres or more out of two million acres of the splendid
lands of Northwestern Wisconsin. The price is only \$7. to
\$12. an acre, and to give you a good start we will build
your house on the land. The finest climate in the world, pure soft water, ample rainfall,
fuel for years on your own land, near to the finest markets. This with a FREE HOUSE and
land that will grow the FINEST KIND OF CROPS. What more can you ask! Write TO-DAY
for MAPS and FULL INFORMATION.

AMERICAN COLONIZATION CO.,
603 Opera House Block
Cumberland, Wisconsin

OUR CANADA LAND

will make you more money than any-
thing else you can do. For maps and par-
ticulars write SCAND. CANADIAN LAND CO.
Room 810-20, 172 WASHINGTON ST. CHICAGO

IOWA FARMS FOR SALE

FOR SALE by THE
HONEST LAND
MEN in the great
CORN and BLUE
GRASS region. All kinds of fruit and best water.
See Madison Co. before you buy. Write at once for
the largest and finest list ever issued in Iowa.
Three hundred (300) choice farms. Address,
HAMILTON BROS., WINTERSSET, IOWA

I CAN SELL YOUR REAL ESTATE

PROPERTIES and business of all kinds
sold for cash in less than 90 days in
all parts of the United States. Don't wait;
write today, describing what you have
to sell, and give cash price on same. If
you want to buy I can save you
money.
**A. EDGAR DAVIS, Real Estate
Broker, Home Dept., Lincoln, Neb.**



IOWA FARMS

LARGEST list of Iowa Farms for sale in South
Central Iowa, in the Famous Corn Belt and
Blue Grass Region. Crop failure unknown. Plenty
of fruit and abundance of water. Write for large
1906 descriptive list. Address,
J. G. SHIRIVER, WINTERSSET, IOWA.

"FACTS about the Wichita Falls Country" is the
title of our new illustrated folder; it contains a
good map of Texas, together with reliable infor-
mation concerning this section; we will be pleased to
mail it upon request to those in search of a healthy,
fertile country, where wheat, small grain, cotton
and fruit are raised in abundance. Address, Cobb,
Bean & Stone, Wichita Falls, Texas.

A 240 Acre Iowa Stock Farm

THIS is one of the best bargains in the state; 2 1/2
miles from town and well improved. Have sev-
eral others just as good; also do a general land busi-
ness. Address, **Frank Bissell, Dexter, In.**

Central Missouri Farms

IN Callaway county. Best values in state found in
my catalog. It is free, write for it. Address,
W. Ed. Jameson, Fulton, Mo.

Missouri Farms.

**Write for State Map,
Booklet and Weather
Report. Sent Free.**
BAZEL J. NIEK,
Chillicothe, Missouri.

COME TO VIRGINIA.

500 SPECIAL BARGAINS IN FARMS. North-
ern farmers send for our new catalog. Learn
about this country. Address,
PERCIVALL BROS., PETERSBURG, VA.

FARMS

**In western Kansas at
owners' prices.**
Dodge City Realty Co., Dodge City, Kan.

FOR SALE

**Farms, Reno and adjoining
counties; ranches west.**
Write me what you want. **A. M. Jewell, North
Main St., Hutchinson, Kan.**

BECKTELL THE LAND MAN
OF Macksville, Stafford Co., Kan., sells wheat
land to the west line of the state. Write him.
State map free.

FREE HOMESTEADS.
VALUABLE book free. Latest land laws, sectional
map large tracts good land cheap. Address,
W. S. PERSHING, LIMON, COLO.

240 ACRES, 2 miles from county seat. All black
land and under plow. Good improvements.
Good well at house and barn, flowing well in pasture.
Land will grow alfalfa, red clover and timothy. Best
farm in eastern Kansas. Price only \$40 per acre,
terms to suit. **F. S. Bennett, Santa Fe Immigration
Agent, Emporia, Kan.**

Iowa Farm For Sale

HERE is a bargain in one of the best 150-acre farms
in Buchanan county, Iowa. Land very produc-
tive. Well drained; raises fine crops. Large house
and barn and good out-buildings. In splendid nei-
ghorhood. Only two miles from good town. Easy
terms. If you are looking for a good home at a right
price, write the owner for further particulars.

E. C. Hesner, Dundee, Iowa.

WANTED

A RELIABLE, experienced land and exchange
man, with references to take charge of our Farm
and Exchange Department. Permanent and profit-
able position with established business.

MALCOLM V. BOLTON & CO.,
CEDAR RAPIDS, IA.

DON'T GO WRONG

YOU'LL never regret it,
if you buy a MADIS-
ON COUNTY, IOWA,
Farm of ms. We have
them for sale, all sizes,
the best of land, and LOW
PRICES. Write today
for large descriptive list
free. SEE this country,
and its crops, before you decide—then you'll buy
here. Write to
E. E. McCall, WINTERSSET, IOWA.

LAND, LAND, LAND. Cheap Nebraska Lands.

WE can sell you land in Lincoln, Keith, Perkins,
and Deuel counties. All rich soil, at from \$3 to
\$12 per acre, and will sell you land in Buffalo, Daw-
son, Custer, and Phelps counties, at from \$10 to \$30
per acre. We hold the best of cheap Nebraska lands.
Write us for our new price list just out. We sell
dirt cheap.

W. F. SMITH REALTY CO.,
KEARNEY, NEBRASKA.

EXTRAORDINARY KANSAS BARGAIN.
A 2500 acre farm in eastern Kansas, one hundred
miles from Kansas City, for sale in the next sixty
days at the extraordinary low price of \$15 per acre.
This belongs to heirs and must be sold to settle the
estate. Best bargain ever offered in the state of Kan-
sas. Some smaller bargains. For particulars address,
The Moon Land Co., Colony, Anderson Co., Kan.

Land For Sale

640 ACRES will sell all, half or quarter at a bar-
gain, next 30 days. 8 miles west of Pingree,
North Dakota. **Levi Jarvis, Pingree, N. D.**

FOR SALE—California dairy ranch of 614 acres, lo-
cated in Malibu Co., 60 miles from San Francisco,
on which are 100 Jersey cattle, 18 hogs, 8 horses, and
chickens. Price \$30,000, \$15,000 cash, balance to suit,
5 years' time at 6 1/2 per cent. In cause of sale, poor
health. **W. T. Frazier, 2221 Ellis St., Berkeley, Cal.**

FARM LANDS FOR SALE.



THE CHEAPEST AND THE BEST ON THE MARKET.

THESE lands are in southern Minnesota and South
Dakota; in Yellow Medicine county, Minnesota,
and Deuel county, South Dakota, in the fourth tier
of counties north of Iowa. You can raise anything
in these parts that you can raise in northern Iowa.
A good corn and stock country. These lands lie
well, good black soil. Failures unknown in these
parts. Lands for one half the price that you can buy
Iowa lands for. Improved farms from \$30 to \$40 per
acre, wild lands from \$20 to \$30. Why go to North
Dakota and Canada and pay practically the same for
those lands that you would pay us? Buy your round
trip tickets to Gary, South Dakota, over the C. & N.
W. Ry., take receipt, bring the same to us, we will re-
fund your fare on any purchase. Excursions every
Tuesday. For full particulars write,
GEORGE W. JOHNSON LANDS COMPANY,
State Bank, Gary, South Dakota.

**I Can Sell Your Real Estate or Business
NO MATTER WHERE LOCATED**
Properties and business of all kinds sold quick-
ly for cash in all parts of the United States.
Don't wait. Write today describing what you have
to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any
price, write me your requirements. I can save you
time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

Have a Home Of Your Own

A LONG the Kansas City Southern Railway. Have
all kinds of land from Kansas City to the Gulf.
Timber, Rice, Mineral, Fruit and land for general
farming. Best of climate and soil, in western Arkan-
sas, and eastern Oklahoma. Unimproved land from
\$6 to \$10 per acre, will double in a year. Also im-
proved farms at great bargains. For circulars, and
further information call or write,

J. W. JENSEN,
84 ADAMS ST., ROOM 31, CHICAGO.

CASH

For your farm, home, business
or other property. We can sell
it for you, no matter where it
is or what it is worth. If you
desire a quick sale send us de-
scription and price. If you
want to buy any kind of property anywhere send
for our monthly. It is free and contains a large list
of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
415 KANSAS AVENUE, TOPEKA, KAN.

FREE.

A Vest-Pocket Indexed Township Map of the
STATE OF WISCONSIN, and also information
about the Selected Hardwood Timber Lands, Drained
Marsh Lands, and other varieties of land owned
by me. Write me if you wish to find a new home in a
good farming community. We have good climate,
good water, good schools, good roads and good
crops. Prices and terms reasonable. Address,
WM. J. STARR 23 Ingram Bk., Eau Claire, Wis.

KING AND QUEEN COUNTRY.

CORN is King and Wheat is Queen in northeast
Kansas. Bluegrass sits in the shade of fine tall
timber and judges herds of fine stock and with Al-
falfa, Clover and Timothy execute the laws of sup-
ply and demand. Special bargains in any sized farm
you want. Write or come today describing what you
want. **S. M. Strawn, Valley Falls, Jefferson Co., Kan.**

Iowa Climate and Crop Bulletin.

The following climate and crop bulle-
tin is issued by the United States De-
partment of Agriculture, Iowa Section,
from the central station at Des Moines,
Iowa, for the week ending Aug. 6, 1906:

The average temperature of the past week
was 2 or 3 degrees above the normal. The
highest temperature reported was 95 degrees
at two stations, but the nights were only
moderately warm. From Monday to Satur-
day morning the rainfall was generally defec-
ient, and many reports from the central
and southern sections gave expression to
fears of damage to corn and other imma-
ture crops. On Saturday night and Sunday
copious showers occurred in the north cen-
tral district, and also in portions of the
southern districts, affording relief from the
prevalent drought. Considerable progress has
been made in harvesting late oats and wheat,
and in thrashing small grain. Corn has
made rapid advancement in all districts, and
damage by "firing" is as yet limited to very
small areas.

Reports received from crop correspondents
of the Iowa Weather and Crop Service, dated
August 1, 1906, show the following averages
of condition of the staple crops:
Corn, 89 per cent; spring wheat, 93; oats,
90; flax, 95; hay, 79; pastures, 83; pota-
toes, 91; apples, 70; grapes, 94.
Last year at corresponding date the esti-
mates were: Corn, 94 per cent; wheat, 93;
oats, 97; flax, 78; potatoes, 82; pastures, 103;
apples, 40; grapes, 91.

OUR SHEEP DEPARTMENT

This department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

HOT WEATHER MEAT.

It is strange that while English people and those of western Europe have a liking for mutton that Americans do not, as a nation, take kindly to it. In thousands of homes on farms and in cities mutton is unknown. Beef and pork supply the tables. Some of this is probably due to a prejudice and yet there is no reasonable excuse for such prejudice. Mutton is the most nutritious meat known and it is scarcely necessary to say more.

No other meat can take the place of mutton in warm weather; that is, the fresh article. We would not say one word against the use of smoked hams and bacon for summer use where mutton is unobtainable, but we do say that where mutton can be substituted for salted meats it should be done. Moreover the sheep is not out of reach of all who desire to add mutton to the list of summer meats.

Next to chicken, sheep may be most easily dressed as needed and one sheep will furnish just about enough meat for the average family until it can be used up before spoiling. We have been practicing slaughtering the first thing in the morning. In the hottest weather, we select smaller sheep or lambs, and when the weather is more favorable for keeping we kill large sheep. As soon as they are dressed they can be placed in a refrigerator box or hung in a deep well, where they will keep until they can be used.

It is a common practice in some localities for farmers to "quarter round," which means that one farmer will kill a sheep and send three quarters to neighbors who, in turn will dress a sheep and do the same thing. Nothing will take the place of sheep for this purpose. Size being the first good quality, then comes the merit of mutton as a summer meat which is well up in the scale, perhaps next to chicken.

In dressing mutton we prevent the "sheepy taste" by doing the work very rapidly and cooling the entrails by filling the carcass with cold water as soon as killed. This is done to arrest the generation of gas that begins as soon as life leaves the sheep. Where work can be done in a rapid manner, this may not be necessary, but we have found that the meat is much sweeter on account of this practice and for that reason we keep it up.

SHADE FOR SHEEP.

In the central West sheep will need shade. There is need of sunshine, but when the temperature in addition gets very high the sheep will seek shade. A sheep that will seek shade even when hungry is doing a wise thing. This shade may be supplied by groves or hedges, or it may be in the barn. We have a dark apartment in one of our barns in which sheep can go to seek shade and rest from the attacks of certain kinds of flies which give them trouble. The barn, if well supplied with litter, affords an ideal shade for them and a good deal of manure is saved that would otherwise be piled up in some locality, under a tree or in a fence corner, where it is not needed or where it is likely to go to

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST
CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Nock, Minton, Cooper, Williams and Bultar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KELLERTON, IOWA

COOPER SHEEP DIP

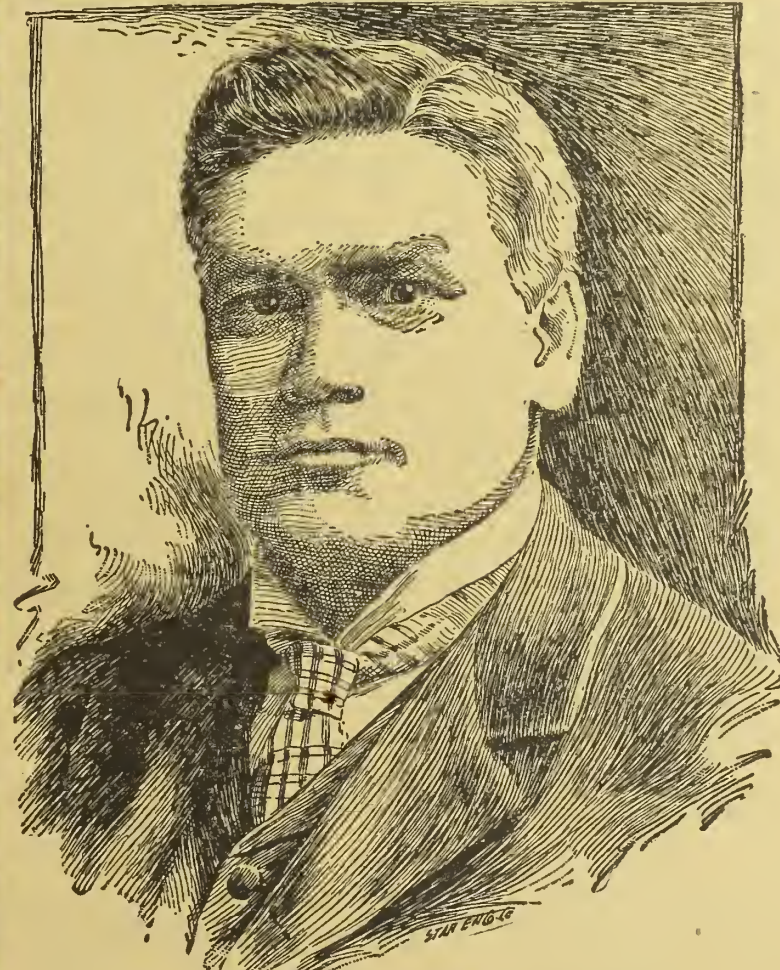
STANDARD OF THE WORLD for 60 years. Used on 250 millions annually. If local druggist cannot supply, send \$1.75 for \$2 (100 gal.) pkt. to WM. COOPER & NEPHEWS, CHICAGO.

GEORGE ALLEN'S FAMOUS HERD SHROPSHIRE

I HAVE a grand bunch of rams for sale, as well as good ewes. My flock has been one of the leading winners in America. Address, GEORGE ALLEN, LEXINGTON, NEB.

IF YOU ARE COMING TO THE STATE FAIR

Visit Dr. Williams. He is offering to all Catarrh sufferers one month's treatment free. CONSULTATION AND EXAMINATION FREE.



T. F. WILLIAMS, M. D.,
CONSULTING PHYSICIAN.

FREE TREATMENT COUPON.

Dr. T. F. Williams, 211-218 Crocker Block, Des Moines, Iowa.

Please send me free symptom blanks with a view to my taking your free month's treatment.

Name

Address

ONE MONTH FREE.

I have cured others, I can cure you. Cut out the coupon, write your name plainly and send it to me. I will give you free the benefit of my twenty-five years' experience as a Catarrh Specialist in giving you a correct diagnosis of your case.

WHAT THOSE WHO HAVE TAKEN MY TREATMENT SAY.

Lost Nation, Iowa, April 12, 1906.

Dr. T. F. Williams, Des Moines, Iowa.
I suppose you wondered why I did not answer your letters, but I thought I did not need the treatment any longer. I am letting my system rest from the treatment a while, and if any of the symptoms arise again I will be sure to order more treatment. Your treatment has done a great deal for me and I will not hesitate at any time to recommend it to the afflicted.

Thanking you for your liberal offer, I remain, yours-very truly, Horace B. Hansen.

Des Moines, June 27, 1906.

Dr. T. F. Williams, Des Moines, Iowa.
I have been troubled with CATARRH for many years; have consulted different physicians and taken many different treatments. A few of them relieved me temporarily, but did not receive any lasting benefit from any of them until in January, this year, I was persuaded to take treatments from Dr. T. F. Williams.

I had only taken his treatment for about sixty days until I felt that there was no necessity of continuing the treatment any longer. I was relieved from CATARRHAL trouble almost from the beginning of the treatment.

I voluntarily make the above statement, trusting that some other sufferer will be led to taking treatment from the doctor which has certainly done me a world of good.

Very truly yours,
Mrs. W. M. Hagerman,
825 W. 15th St.,
Des Moines, Iowa.

Enterprise, Iowa, May 28, 1906.

Dr. T. F. Williams, Des Moines, Iowa.
I think this treatment will cure me all right. I will not need any more medicine. I feel lots better than I did before I started to use your medicine. I think your medicine is just the thing you said it was.

Yours very truly, F. H. Hickmen.

Coggon, Iowa, July 9, 1906.

Dr. T. F. Williams, Des Moines, Iowa.
I received your letter and thought I would write back to you and let you know I will not need any more medicine. I cannot praise your medicine enough. I am really cured from CATARRH. Yours truly,

R. R. 1, Coggon, Ia. Mrs. T. Wilson.

Hampton, Iowa, July 9, 1906.

Dr. T. F. Williams, Des Moines, Iowa.
I don't think I will need any more medicine because I feel perfectly well and have plenty left for the inhaler. A while ago, about four weeks, for one week I felt pretty sick, but that was the change, because I got to feel better the next, and kept on getting better all the time and the last two weeks I feel entirely well; so I don't think there is any need of getting any more medicine and of what I have left there shall not be a drop of it wasted. I remain,

Yours truly, Miss Minnie Lemke,
R. F. D. 3, Box 47.

waste. Sheep always prefer darkness as well as shade, which is supplied in a barn better than in the shade of trees.

We have found that sheep will do more or less eating at the racks while in the dark barn in summer if they are filled with good clover or alfalfa. In another part of the barn is an apartment set off for lambs where they may have access to feed all the time. By this means a splendid growth is obtained on the lambs which otherwise would not occur.

At one time we had a straw shed in a pasture where the sheep spent a great deal of time. It was not rain proof, and when too much rain came it became so muddy under this shed that the sheep could not use it, and a better one was constructed for them. We observed how tenaciously some of the sheep stuck to this homely and improvised shelter, even lying in the mud rather than change places for a better one.

CHEAP R. R. RATES VIA M. & ST. L.

Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays

to Montana, Washington, etc., at one fare plus \$2.00.

Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.

Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.

For particulars call at the M. & St. L. ticket office, 512 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

NEW BOOK ON SOUTH DAKOTA BY THE CHICAGO, MILWAUKEE & ST. PAUL RAILWAY.

A new book descriptive of South Dakota, its resources and opportunities, has just been published by the Chicago, Milwaukee & St. Paul Railway. The first chapter tells all about Lyman county and the rest of the territory west of the Missouri river recent-



500 Angora Wethers and 500 Does and Kids

FOR sale. These goats can be used for brushing and then fed and sold for mutton. A few American milk goats. A few bucks. Come and see me or write. Address, WYATT CARR, Collins, Iowa. Farm 1/2 mile from depot. Telephone 44.

ly made accessible by railway extensions. The book will be sent to any address for two cents for postage. F. A. Miller, G. P. A., Chicago.

EXCURSION TICKETS TO MILWAUKEE, WIS.

Via the North-Western Line, will be sold at reduced rates August 11th, limited to return until August 13th, inclusive, on account Modern Woodmen Picnic. Apply to agents Chicago & North-Western Ry.

FISHING AND CAMPING.

Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Aug. 14, Geo. W. Trone, Rushville, Ill.
 Sept. 20, A. F. Russell, Savannah, Mo.
 Sept. 23, E. C. Norris, Dows, Iowa.
 Sept. 23, Ford Skeue, South Auburn, Neb.
 Sept. 26, Peek & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 1, E. Z. Russell, Blair, Neb.
 Oct. 2, John Weighton, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sberwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macdonia, Iowa.
 Oct. 4, O. E. Osborn, Westou, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8th, E. Z. Russell, Blair, Neb.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 10, T. W. Stoner & Son, Heury, Ill.
 Oct. 11, W. S. West, Hauna City, Ill.
 Oct. 11, W. A. Foster, Greefield, Iowa.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Senneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. Finch, Mt. Airy, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 15, A. J. Epley, Wabash, Ind.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaueco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mibills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Alldritt, Friend, Neb.
 Oct. 22, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, Manlove Bros., & Griffiths, Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Skinner & Welch, Bedford, Iowa.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. G. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manilla, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Hanks & Bishop, New London, Ia.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 29, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claud Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Ed. A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, Harry Riggins and C. T. Rogers, at Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannou City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, Dewey & White, Shannon City, Iowa.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 29, Albert McMahon, Craig, Neb.

O. I. C. HOGS.

Nov. 2, O. L. Kerr, Independence, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Aug. 15, H. C. Duncan, Osborn, Mo.
 Aug. 16, Flynn Farm Co., Des Moines, Iowa.
 Aug. 17, Wm. Smiley, Malcom, Iowa.
 Aug. 21, W. R. Jones and D. H. Geimen, Rushville, Ill.
 Sept. 7, Combination sale, D. J. Cronin, Mgr., O'Neill, Neb.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Aug. 22, Claus Johnson & Sons, P. Hancher, G. Hewlett and T. H. Fisher, Rolfe, Iowa.
 Aug. 23, L. Brodsky, Plover, Iowa.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. James, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 12, Closing out sale, J. E. Parkhurst, Clearfield, Iowa.
 Oct. 15, A. J. Graves & Son, Ames, Iowa.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 23, T. A. Davenport, Belmont, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.

HEREFORDS.

Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.

POLAND CHINAS.

Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 29, Fred Reed, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Loneragan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 8, Wurtzel Bros., Beemer, Neb.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, A. F. Groves, King City, Mo.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Jas. Watson, Madrid, Iowa.
 Feb. 12, Dan Needham, Woodward, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.

ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.

Sept. 14, Combination Sale, J. F. Schoby, secretary, Algona, Iowa.

SHORT-HORNS AND POLAND CHINAS.

Oct. 27, Geo. Manville, Faucett, Mo.

ABERDEEN ANGUS.

Aug. 14, C. H. Gardner, Blandinsville, Ill., at Galesburg, Ill.
 Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.
DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

SHORT-HORN CATTLE AND TROTTHOROUGH-BRED HOGS AND CATTLE.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.

POLAND CHINAS, DUROCS JERSEYS AND CHESTER WHITES.

Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.

SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.

Oct. 22, L. C. Reese, Prescott, Iowa.

POLLED DURHAMS.

Oct. 5, Combination Sale, L. G. Shaver, Ka-Iona, Iowa, Mgr., at Omaha, Neb.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

STANDARD BRED AND DRAFT HORSES.

Sept. 26, McNeil Bros., Bowen, Ill.

DUROCS AND SHORT-HORNS.

Oct. 27, A. P. Alsin, Boone, Iowa.

SHROPSHIRE SHEEP.

Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

FIELD NOTES.

Ohio Chief, Iowa are for sale by Mr. F. A. Strong, Orient, Iowa.
 Table-backed Herefords are offered for sale by Mr. W. W. Wheeler, Harlan, Iowa.
 Two young Orion boars are for sale by Mr. A. B. Easter & Son, Fremont, Neb.
 Messrs. White Bros., of Perry, Iowa, offer a few choice Aberdeen Angus hells for sale.
 Hereford bulls, and good cows and heifers are offered for sale by Mr. W. L. Dodge, Hubbard, Neb.
 Mr. James T. Dollison, of Sac City, Iowa, offers a couple of young Short-horn bulls for sale very cheap.
 Twenty fall Poland China boars and fifty spring boars are offered for sale by Messrs. Young & Duncan, of Madison, Neb.
 Mr. F. Rabeler, Leigh, Neb., has one of the best Yorkshire herds in America. Choice boars and sows for sale at all times.
 A few good Hereford bulls and some choice cows and heifers are offered for sale by Mr. J. G. Van Seggern, Wisner, Neb.
 Thirty fall Poland China boars and forty-three spring boars are offered for sale by Messrs. Henry Bros., of Le Mars, Iowa.
 The Joe Young herd of Poland Chinas owned by Messrs. Young & Duncan, of Madison, Neb., offer great bargains in fall and spring boars.
 Mr. Fred Massure, of Linden, Iowa, announces on page 10 of this issue that he has pedigreed Scotch collie puppies which he will dispose of at farmers' prices.
 The Clover Wave herd Duroc Jerseys owned by Messrs. Stowe & Gingrich, of Hamburg, Iowa, have some rare bargains in boars this season. Write them for prices or go and see them.
 Mr. Hulbert's Poland China boars—good fall and spring ones—can be bought of Mr. Chas. M. Hulbert, of Oakland, Neb. He has a grand lot of good boars this season and is now ready to ship.
 Announcement is made in our date claim columns by Messrs. J. L. Miller & Sons, of Brooklyn, Iowa, that they will hold public sales of Poland China swine under dates of October 24th and February 6th.
 The home of Big Tou 2d, the 1,000-pound Poland China boar, is where you can get your growthy, big-boned males. Write Dr. H. Pritchard, Wisner, Neb., and tell him just what you want and you will get it.
 Mr. John M. Bixler, of Corning, Iowa, has a few good young Short-horn hells for sale sired by his great breeding bull, Diamond Rex. The latter bull is considered one of the best breeding bulls in the state and the bulls that Mr. Bixler is offering are strictly all right. One of them is a Secret, while

the other has about five Scotch tops. Mr. Bixler would not be averse to trading one of them on an aged Scotch bull. Anyone having one should write Mr. Bixler at once.

Mr. A. T. Sundell, of Paton, Iowa, owner of the Wm. Roberts & Sons herd of Duroc Jerseys, will be at the Iowa State Fair with a grand bunch of fall and spring males. Those interested will do well to look him up.

Messrs. Wm. Ray & Son, of Defiance, Iowa, are offering some good Poland China pigs sired by the noted Iowa State Fair prize-winning boar, Independence. They also have pigs by the great boar, Meddler and Dakota Chief 2d.

Mr. W. F. Pershing, of Limon, Colo., has issued a valuable book on the latest land laws, and is advertising to send it free in his advertisement on page 16 of this issue. He has a large tract of good land for sale cheap.

Mr. Levi Jarvis, of Pingree, N. D., has 640 acres of land that he will sell in a body or will dispose of a half or quarter of it at a bargain for the next thirty days. This farm is situated eight miles west of Pingree. See advertisement on page 16.

The up-to-date Poland China breeder, Mr. Jas. Watson, of Madrid, Iowa, claims February 11th for his spring Poland China sale. Mr. Watson, as breeders of black hogs know, raises the good kind, and his coming sale will not be below his usual standard.

Mr. W. R. Bennethum, of Madrid, Iowa, has as usual a fine lot of Durocs. The outlook this year for this breeder is just as bright as ever. His sale will contain excellent individuals. Mr. Bennethum will show some of his pigs at the state fair.

Mr. A. P. Alsin, of Boone, Iowa, claims October 27th for his fall Duroc sale. At the same time a number of good Short-horns will be sold. His Durocs are up and coming and breeders will find them good ones. Mr. Alsin also claims February 12th for his spring sale of Durocs.

Mr. Dan Needham, of Woodward, Iowa, will hold his annual Poland China sale on February 12th. His crop of pigs are doing nicely, and farmers of this breed will find a nice string to go under the hammer when this sale takes place. The sale announcement will explain it all.

A great bargain in a 240-acre Iowa stock farm is offered by Mr. Frank Bissell, of Dexter, Iowa. This farm is well improved and is only two and one-half miles from town, well fenced and growing good crops. It is on the main-traveled road. Price, only \$60 per acre if taken right away.

Mr. J. B. Davis, of Fairview, Kan., is offering some choice spring pigs. The Durocs raised by Mr. Davis have been well advertised all over the country and the herd has made its reputation on the high-class stock shipped. It will pay you to look up his advertisement on page 27 of this issue.

The announcement of the Still College of Osteopathy, of Des Moines, Iowa, will be found on page 4 of this issue of The Homestead. Readers of The Homestead interested in osteopathy would consult their own interests if they would write to the address given in the advertisement referred to.

On September 20th, Mr. A. F. Russell, of Savannah, Mo., will hold a public sale of Duroc Jersey swine. He will have seventy-five head—thirty-five boars and forty young sows—the tops of 150 head, and he advises us that they are "good ones." He has nothing to offer until the day of the sale.

Mr. F. S. Bennett, of Emporia, Kan., is offering a 240-acre farm for sale in his advertisement on page 16 of this issue. This farm is located within two miles of the county seat; the soil is black loam, all under plow, with good improvements. For price and other information see the advertisement referred to.

Mr. W. S. West, of Hanna City, Ill., breeder of Duroc Jerseys, has an extra good lot of fall pigs which please discriminating buyers. His annual public sale will be held on October 11th and breeders should plan to be present on that day. Write Mr. West for particulars regarding his herd, kindly mentioning The Homestead.

Messrs. Snyder & Yutz, of Kansas City, Mo., a well-known real estate firm, desire an influential farmer in every community to act as their agent in selling Texas lands. It will pay the readers of this paper to read their advertisement on page 16 and then write to them for their proposition. When writing mention this paper.

Mr. W. T. Wattles, of Neligh, Neb., has a section of Antelope county land on which there is a seven-room house, horse barn, cattle sheds, cribs and other improvements which he is offering for sale on page 16 of this issue of The Homestead. The price at which the land can be purchased and other information will be found in the advertisement referred to.

Fisher Live Stock Company, of Hastings, Neb., are now offering as strong a lot of Chester White pigs as they have ever raised on their farms. The crop of spring pigs will number around seventy-five, of which about sixty are sired by the great show hog, Norwood Chief. This animal has proven himself a very strong one and his get are very much of his type. The easy-feeding qualities transmitted into these pigs is only one of the many features of this sire's get. It will pay you to look into this of-

fering of spring pigs. You will find the advertisement on page 25 of this issue. Don't fail to mention The Homestead.

Messrs. Hanks & Bishop, of New London, Iowa, claim January 22, 1907, for their coming spring sale of fancy Durocs. We say the word fancy, for their crop of pigs are highly-bred individuals and will fully substantiate all that this word implies. Their sale announcement will show the kind of breeding and will appear in these columns at the proper time.

Mr. Chas. Van Patten, of Sutton, Neb., is now making good prices on a few very strong pigs sired by his former herd boar, Red Reuben. This herd of spring pigs are very growthy and have a very strong line of ancestry back of them. Mr. Van Patten is also offering some very good fall animals of both sex. Look up the advertisement on page 26.

Mr. C. S. Buckley, of Holstein, Iowa, one of the best-known Berkshire breeders in the state, has about eighty spring pigs sired by Conquest and Benjamin's Faithful. Mr. Buckley has some good pigs among the bunch and will be in position to fill orders later on. He will be at the Sioux City, Iowa, Fair, with a show herd, and will also take a few good Short-horns with him.

Mr. Geo. Regennitter, proprietor of the Rock Creek herd of Poland China swine, of Bennett, Iowa, whose advertisement appears on page 24 of this issue, writes as follows: "The boars I am offering are a choice lot of heavy-boned and well-finished hogs, sired by a grandson of Chief Perfection 2d and out of well-bred dams. I am pricing them very low for quick sale and will not ship any but the best."

On October 12th Mr. A. L. Mason, of Early, Iowa, one of the best-known Short-horn and Poland China breeders in Sac county, will sell thirty-five head of his best cattle and fifteen head of fall boars at his farm near town. There will be a number of good young bulls in the sale and some very useful cows and heifers. He will also sell one Shire stallion and one span of colts, together with ten head of Shropshire rams.

The Moon Land Company, of Colony, Kan., have a 2,560-acre farm, located in eastern Kansas, that belongs to heirs, which must be sold to settle an estate within the next sixty days. They are pricing it at an extraordinarily low price in their advertisement which appears on page 16 of this issue. They also announce the fact that they have smaller bargains in Kansas land. For full particulars address them as above.

The E. E. Etter herd of Durocs, owned at Utica, Neb., are coming along nicely. The owner is a reliable breeder and is well posted on the merits of good Durocs. 2d Surprise Redeemer is a very desirable hog to have at the head of the herd. He is a very good individual, as well as being a good sire. The Etter herd is worthy of your consideration. Write him for prices on good Duroc spring pigs. Look up the advertisement on page 26.

Messrs. R. A. Wiley & Son, of Malcom, Iowa, are placing on the market the Poland China boar, O. R. Standard 87959, sired by Mammoth Standard 6259, dam Lady's Light-foot's Best 19008. He weighs 700 pounds and was a prize winner at the Iowa State Fair in 1904. They also have two good boar pigs for sale sired by O. R. Standard, of March farrow, dam Hazel Perfection 95280. For full particulars read the advertisement on page 24 and address the advertisers as given above.

The season of the year is at hand when a great many Homestead readers are preparing to secure their winter wheat and rye seed for next season's crop. We desire to call the attention of those interested to the new advertisement of Messrs. J. B. Armstrong & Sons, of Shenandoah, Iowa, who are asking readers of The Homestead to send for their descriptive list of what they consider the best wheat and rye that grow. They promise to fill orders true to name and give all their patrons an honest deal.

Mr. A. S. Loomis, of 909 Chestnut St., St. Louis, Mo., announces on page 16 of this issue that he will take a highly-improved farm located either in Iowa or Illinois in part payment for a large Missouri stock and grain plantation consisting of 1,900 acres, which he values at only \$25 per acre. Mr. Loomis considers this a good opportunity for some reader of this paper to sell some high-priced land to a good advantage. After reading the advertisement above referred to, write Mr. Loomis for further particulars, if at all interested.

Mr. W. C. McGavock, of Springfield, Ill., claims October 23d for a public sale of Aberdeen Angus cattle, the property of Messrs. G. E. Thornton, C. E. Bopes and others. The sale will take place at Aledo, Ill. Mr. McGavock says that it is the intention of these breeders to make a very high-class sale, and they will include Blackbirds, Trojan Ericas, Queen Mothers, Lady Idas and other superb representatives of other popular families. Messrs. Geo. Aikins, S. Lee and J. E. Reed will also be consignors, all five of the men named being Mercer county, Ill., breeders.

Messrs. Joseph Skinner & Son, in asking us to announce November 2d as the date for the fall sale of Duroc Jerseys of Welch, Skinner & Son, Bedford, Ia., write: "We are not raising as many pigs as we generally do, but what we have are getting extra care. We have about fifty, and never before at this time of the year have had a more even bunch. They are the get of three richly-bred boars: Billie Golden 37037, Expansion 43349 and Addy's Chief 42615. These young spring boars will bear close inspection when driven into the sale ring on November 2d."

Mr. R. J. Peckham, of Pawnee City, Neb., has one of the good herds of the middle West. The large, roomy type of Poland-bred and raised by the above-named gentleman are always appreciated by the majority of breeders. Mr. Peckham has several very choice sows that were secured direct from the well-known herd owned by Mr. John Blain, of Pawnee City. He is useless to go into details about the type of this herd, as everyone is familiar with the Blain type of Poland. Mr. Peckham secured one of the best sons of the great Blain's Tecumseh and has used him successfully for a number of years. Other boars used in the herd are sired by Johnson's Chief and

some closely related to King Do Do. The Peckham herd is well founded, and the stock secured from this gentleman will prove good for any in need of good, vigorous hogs. The Peckham hogs have won their reputation for large number in litters, with plenty of quality combined. Don't forget to look up the advertisement on page 24 and write him for prices. You will get a square deal, with plenty of bog. Mention The Homestead when writing.

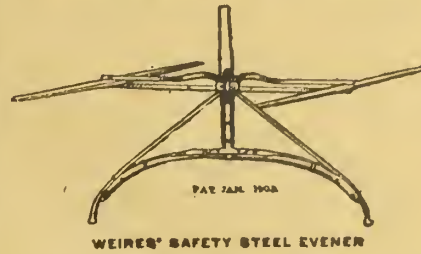
Mr. Frank Alldritt, breeder of Duroc Jersey swine, of Friend, Neb., in sending change for his advertisement found on page 24 of this issue, writes: "I have some ulcc fall gilts by Van's Perfection 11571; also some good fall boars by Van's Perfection and Jumbo Chief 19899. My spring pigs are doing fine. I intend to select forty boar pigs from nine different boars, which I will reserve for my fall sale, October 22d. I will also put in some fine gilts with some sows that have proven their ability as producers. My early pigs weigh from 100 to 130 pounds and will easily reach 200 pounds by sale day. I have one pig by old Higgins' Model and out of a sow by Improver 2d that will be heard from this fall."

Mr. W. T. Frazier, of South Berkeley, Cal., is offering a dairy ranch for sale in his advertisement on page 16 of this issue. This ranch has a seven-room residence, cow and hay barn with room for seventy cows, large horse barn, chicken house, large implement house, two hog houses, large dairy barn, and is fitted with a steam power separator and churn. The land is fenced into fields in each of which is running water for stock, and which is also piped into all the buildings. The land is in first-class condition, so we are advised, and the soil and climate good. The price at which this ranch can be purchased, and other information in regard to it, can be obtained from the advertisement or by communicating with Mr. Frazier at the address given.

The well-known firm of Messrs. Peek & Putnam, of Tecumseh, Neb., are offering some of their high-class Duroc Jersey pigs for sale through our columns. This is one of the good firms of Duroc raisers in Nebraska. They breed the profitable type and get them so the breeder as well as the farmer wants them. The pigs are raised on two separate farms and get the best of care. The herd is headed by Universal Russel and Crimson Gem, a grandson of Crimson Wonder. The sows in the herd represent the blood of Tip Top Notcher, Ohio Chief, Crimson Wonder, Chicago Chief and Top Notcher. The spring pigs are royally bred and have an extra amount of growth. It would pay you to look into this lot of growthy pigs. Write Messrs. Peek & Putnam at Tecumseh. Look up the advertisement on page 26.

Mr. John C. Miller, of Harlan, Iowa, reports the purchase of a good yearling Berkshire boar from the Ardmore Stock Company, of Holstein, Iowa. He calls him Goodfeeder 92831, and he is what his name indicates—a very good one, of extra good feeding quality. He has an extra good, short, broad head; well-dished face; extra thickness and spring of rib, with plenty of length; extra good hams, bone, feet and legs, and very smooth; in short, a very toppy boar. He is sired by St. Patrick of Ardmore 74760, first-prize aged boar at Interstate Fair in 1905, first-prize yearling boar and head of second-prize get of sire group at same fair in 1904, and sire of winners of first and second prize in under a year sow class, first prize produce of sow, first and second-prize boar pigs, and first and second-prize sow pigs at same fair in 1905. The sire of St. Patrick of Ardmore is St. Patrick 60424, first-prize yearling and sweepstakes boar at Iowa State Fair in 1902. From his dam, also, Goodfeeder gets a lot of good show-yard blood. She is Lady Bess of Ardmore 7th 86252 by Ardmore Chief 69886, winner of second prize in yearling boar class at Interstate Fair in 1902, where he was placed second only to the Iowa State Fair champion. Her dam, Lady Bess of Ardmore 61490 is by Columbia's Duke 2d 58731, and out of Lady Bess 52661, who was first in aged sow class at the International in 1901, and one of the third-prize aged herd at same show, first in aged class and sweepstakes sow at Iowa State

Weires' Safety Evener



Made of steel, built to last a lifetime. Absolute safety. Inquire through your local dealer and have one placed on your buggy before muddy roads come on. Look up our exhibit at Iowa State Fair, at Des Moines, August 24-31. It will interest you. If your dealer does not handle the Weires' Safety Evener write to

WEIRES' SAFETY EVENER & MFG. CO.
ALLISON, IOWA.

Seed Winter Wheat and Rye

SEND for our descriptive list of the best that grow. You will get what you order, and an honest deal. We tell you why and how. Address,

J. B. Armstrong & Son, Shenandoah, Ia.

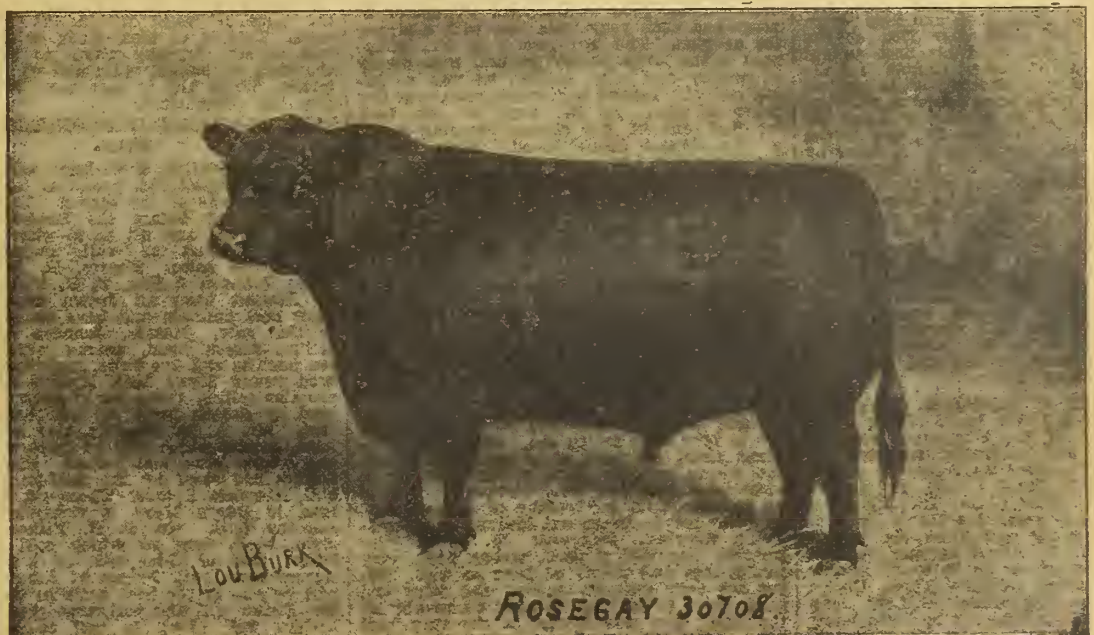
ROYAL PITLESS WAGON SCALE



SOLD on 30 days free trial. For catalog and discounts, address,
Monarch Grubber Co.,
Lone Tree, Ia.

beautiful trees, and a fine lake. The buildings costing \$125,000, are situated on a high eminence overlooking the city and surrounding country for miles in every direction. Kirksville also has a fine high school and three ward schools, a business college and nine churches, also the American School of Osteopathy with about 700 students and many patients. The floating population of Kirksville is at all times from 1,500 to 2,000 people. Kirksville is not a manufacturing city, although it has a new stacker factory, a carriage factory, an extensive poultry house, a creamery and a large flouring mill. The great Wabash railroad crossing the state from St. Louis to the north, and the Quincy, Omaha and Kansas City (now controlled by the Burlington) from east to west afford excellent facilities to the near markets of St. Louis, Kansas City and Chicago. Kirksville has four well-equipped banks and a new government building which cost \$40,000. Kirksville is surrounded by a great stock and grain country. The farmers are prosperous and contented. The city has a fine system of waterworks, electric lights, gas plant, macadamized streets, sewerage system and efficient fire department. Is it not worth more to live in or near a town with a state college? Your children can get a thorough education and be at home. Is this not worth more than can be expressed in money? Will these lands not advance more rapidly than lands of same fertility away from such a town and college? See advertisement on page 16.

Mr. C. F. Shaffer, breeder of Poland China swine and Short-horn cattle, at Wellman, Iowa, maintains one of the best and finest herds of registered Poland China hogs and Short-horn cattle to be found in southeastern Iowa. "At present," he writes, "I have 112 spring pigs sired by my two great herd boars, Black Chief 99855 and G's Perfection Jr. 89471. These two boars are bred royally, and as individuals have no superiors. Their pigs are the type that attracts attention on sight from the buyer, and already shipments have been made to Michigan, Utah, Nebraska, Wisconsin and South Dakota. In Short-horns there are a number of young bulls, six to ten months old, all reds in color, sired by the prize-winning Cruickshank bull, Laurel Knight 170762. These bulls are of the low-down, beefy type, with well-sprung ribs, good broad backs, with nice head and horn. I am not offering anything in the heifer line for sale this year. My recent sale of sixteen head of Scotch heifers to Mr. John Gruber, Eustis, Neb., makes it impossible for me to spare any



Rosegay, the most popular champion Angus bull ever exhibited in American show yards. Every animal included in the great Gardner dispersion at Galesburg, Ill., on Tuesday, August 14th, is either related to this bull, has calf at side by, or is in calf to a son or grandson.

more for the present. Those wishing to purchase a young bull or a Poland China male pig or a sow pig should not fail to write me for prices and description and pictures of herd boars and herd bull, which are free of application." Mr. Shaffer's advertisement will be found a little later on in The Homestead.

Messrs. E. M. Castle & Son, of Joy, Ill., breeders of Duroc Jerseys, have had very good luck with their pigs this season. A detailed description of their herd will appear in these columns next week. If wanting a good herd header or a good gilt write this firm at once, kindly mentioning The Homestead.

Mr. F. E. Hankins, of Sciota, Ill., breeder of Chester White hogs, has a very good lot of young stock for sale, also two herd boars and an extra good lot of fall boars. In these columns of our next issue we will give full particulars regarding this offering. Write Mr. Hankins at once for prices and descriptions, kindly mentioning The Homestead.

Mr. F. C. Thackaberry, of Tampico, Ill., has an advertisement on page 21 of this issue which should interest breeders of Poland Chinas. He has a very good herd and we will give full particulars regarding it in our next issue. Mr. Thackaberry is also offering some extra good Oxford Down rams for sale from both imported rams and ewes. Watch these columns for further particulars and if wanting something good of either breed write him at once, mentioning The Homestead.

A visit to the Claremont herd of Duroc Jerseys is full of interest to the friends and breeders of the red hog. In looking over this herd one cannot help being impressed with the smoothness of shoulder, the length of body and the strength of bone which characterize this herd. On October 2d the owner, Mr. John Weighton, expects to sell at public sale a fine lot of boars of this type. They are a smooth, growthy bunch showing nice heads and ears, strong backs, heavy bone and good feet and legs. They are richly bred, containing the blood of Ohio Chief, Old Orion, Proud Advance and Improver II. A prospective buyer will do well to attend this sale and secure a good one. If any of our readers want a good Duroc Jersey boar they should correspond with Mr. Weighton at once and he will take pleasure in describing the boars he has on hand. There are a number that breeders will want.

Mr. L. C. Reese, of Prescott, Iowa, one of the best-known breeders in southern Iowa will make a sale of Short-horn cattle, Chester White hogs and Shropshire sheep at his farm near town on October 22d. He will sell twenty-four head of cattle, among which will be some straight Scotch. There will be a good Scotch bull in the sale and some good cows and heifers. The bull referred to is sired by the well-known bull, Vermouth, and is out of Imp. Carnation, the cow that cost Mr. Reese \$300 and is considered to be one of the best cows in the state. He will sell forty head of Chester Whites, every one of which will be sired by or is out of prize-winning stock. He will also sell fifteen head of splendid Shropshire sheep, among which is an imported ewe. He has also used an imported ram in the flock. We will tell our readers all about his offering in due time.

Mr. George Allen, of Lexington, Neb., the noted Shropshire sheep and Short-horn cattle breeder, writes as follows: "My sheep are doing very well and I have a bunch of rams which I think are the best lot I ever owned. They are a lot of typical Shropshires and a great many of them suitable to head the choicest of herds. A gentleman from Illinois was looking at them the other day and he said they were without doubt the best bunch of rams in America and he doubted if there was any flock in England that could beat them. The Short-horns are all doing wonderfully well this year and I have some very good young Scotch bulls for sale that are suitable to head choice herds. The herd now numbers about eighty-five head and are mostly Scotch of Cruickshank, Marr, Campbell and Duthie breeding." Anyone wanting a good Shropshire ram or a good young Scotch bull should write Mr. Allen at once, and kindly mention The Homestead.

Mr. J. B. Turbett, of Hauna City, Ill., breeder of Poland China hogs and Short-horn cattle, has selected September 27th as the day on which he will hold his first annual sale. The offering of Poland Chinas is made up of forty head and consists of thirty-two spring pigs and eight tried brood sows. Mr. Turbett's herd boar is Woodview Keep On by Master Keep On by Keep On, and is the sire of most of the spring pigs. A litter by A. H. Sunshine, he by A. H. Perfection, should attract the attention of those in attendance sale day. A litter by Sunlight, he by Conqueror, is another of the good kind that will please discriminating buyers. On the same day Mr. Turbett will offer for sale seven head of horses, including one good brood mare, three yearlings and three sucklers. Mr. Turbett will be pleased to place the names of any breeders interested on his mailing list and will forward catalog promptly as soon as issued. Kindly mention The Homestead when writing and watch for particulars in later issues.

Mr. Roy West, of Bondurant, Iowa, has one of the coming Duroc herds of the West. A representative of The Homestead recently called on him and carefully inspected his crop of pigs. The herd boar now in use is known as Belle's Chief I Am by Belle's Chief, he by Red Chief I Am. In addition to him, Mr. West has secured a Kan't Be Beat boar. This certainly will place his Durocs on a high standard. About seventy head of the following strains are to be found at this place: Proud Orion, Arion's Type, Choice Goods, Advance and a number of Long John pigs sired by Belle's King, he by Echo King. Some very good sows are by King Perfection, dam being Maxwell Bell; also pigs by Malcom's Model out of a Billy K. sow. Mr. West will show some of his good ones at the coming state fair and Duroc breeders will not find them disappointing. At a future date Mr. West will have his regular card in these columns, and we take the opportunity at this time to say that his bred sow sale

will take place on February 4, 1907, at which time a choice lot of bred individuals will go under the hammer.

The Welles Safety Evener & Mfg. Co., of Allison, Iowa, extend a cordial invitation to readers of The Homestead to visit their exhibit at the Iowa State Fair, at Des Moines, Iowa, in their announcement on page 19 of this issue. Write them for catalog, kindly mentioning The Homestead.

DON'T FORGET.

Next Wednesday, August 15th, at Maple Hill farm near Osborn, Mo., Mr. H. C. Duncan, of Osborn, Mo., will hold his mid-summer sale of Short-horns. If you are in the market for good Short-horns this will not be a good sale to miss.

ROYAL PITLESS WAGON SCALE.

The wonder of the age is the Royal Pitless Wagon Scale, manufactured and sold by the Monarch Grubber Company, of Lone Tree, Iowa. How can so good a scale be sold on thirty days' free trial? Particulars may be had for the asking by addressing the Monarch Grubber Company, at Lone Tree, Iowa, mentioning The Homestead.

ONE MONTH FREE.

We again call attention to the announcement of Dr. Williams made on page 17. So confident is the doctor that he has a positive cure for catarrh that he offers all catarrh sufferers one month's catarrh treatment free. Those who visit Des Moines during the state fair can have an opportunity to receive a personal examination as well as one month's treatment free of charge. Whether you take treatment now or not, it will pay you to call and consult Dr. Williams if you are suffering from catarrh or any of its allied diseases.

CAUSTIC BALSAM CURES LUMP JAW.

Mr. Daniel Dupertuis, of Curtis, Wash., under date of July 24, 1906, writes the Lawrence-Williams Company, Cleveland, Ohio: "Among the many ailments which may be cured by Gombault's Caustic Balsam should be included lump jaw in cattle. One application will cure it. It is the best liniment I have ever seen or used and I would like to see it in the hands of every dairyman."

HARVEY & SON TO SELL POLAND CHINAS.

Mr. Jno. H. Harvey & Son, of Maryville, Mo., claim November 17th for the sale of Poland China boars and gilts. Messrs. Harvey breed a type of hog that meets the requirements of the pork raisers of the corn belt, and their November 17th sale will be a good one to attend. Future announcements will appear in due time. Watch for them.

F. A. KRUSE OFFERS GOOD DUROCS.

On page 26 of this issue you will find the advertisement of Mr. F. A. Kruse, of Waco, Neb. This gentleman is one of the young breeders that has made the hog business profitable. His herd is not as large as many, but where it loses in quantity it gains in quality. At the head of this herd we find the good son of Fashion Improver by Improver 2d and out of Fashion. Both dam and sire are show hogs and have won honors at the best shows of this breed. Mr. Kruse will price his hogs worth the money and anyone looking for some good Durocs should not forget to write him.

A GREAT SCHOOL FOR YOUNG MEN.

Young men who wish to gain a foothold in the business world must be prepared to do the work at the business office. This preparation can be made quickly, cheaply and effectively at the Capital City Commercial College at Des Moines, Iowa. This school has been in our midst for more than twenty years and in that time has established a most enviable record for thoroughness. Its graduates always secure good positions. The Homestead suggests that young men who are interested in securing a usable, money-making education should write to the president for a bulletin of information. See the advertisement on page 4.

THE CHAPMAN HERD OF POLANDS.

One of the oldest breeders of the Poland Chlue hog of Nebraska is Mr. H. Chapman, of Pawnee City. This gentleman has been raising good Poland for a number of years and each year finds him with a strong lot of pigs. The hog raised by Mr. Chapman is the large, roomy animal, with plenty of quality and easy feeding, as well as being ready for market at from six months to two years of age. At the head of this herd we find one of the strong breeding boars of the Poland China breed. King Do Do by Expansion has made good as a sire and his get are liked by all who see them. Mr. Chapman has shipped his type of hog to many states and his success in giving satisfaction is hard to excel. Look up his advertisement on page 16 and write him for prices.

VERY STRONG LOT OF SPRING PIGS.

Mr. T. Nelson, of Clay Center, Neb., has one of the growthiest lots of spring pigs the writer has looked over this season. The Nelson herd has some of the royal blood of the Duroc breed and the owner has never let the herd forget the value of the good blood lines. The crop of spring pigs will number about seventy-five in all and they are a very even lot to see. Mr. Nelson has given them the best of attention and with the strong ancestry back of them has made them what they now are. Several pigs sired by Improver Jr. are worthy of special note, as they are fit to go out and make a creditable showing. Improver Jr. is a very growthy hog with a good, strong back, very strong legs and plenty of bone as well. His get are very uniform in size and color and show signs of making animals as worthy as the sire. The sire is one of the very best sons of the old hog, Improver 2d. Mr. Nelson has decided to select a few of the spring pigs for showing this fall. They are very growthy and should prove strong in the best of shows. The other boar doing service in the herd is Gold Billy, sired by Golden Rule, a Choice Goods and Ohio Chief boar. This yearling is a very strong breeder and his get will bear out my statement. The two



Poland China Barrow. Age 18 months. Weight 1,035 pounds. Fed on Iowa Stock Food Bred and owned by Peter Houw, Orange City, Iowa.

FREE To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 20 cents in stamps for postage and packing. Address Dept. A.

IOWA STOCK FOOD CO., JEFFERSON, IOWA

boars doing service in the herd should make a very good combination, as both represent the choicest blood of the day. This firm is reliable in all ways and they have the goods to back their assertions. Don't fail to look up their show herd at Nebraska State Fair.

A WELL-KNOWN DUROC FIRM.

On page 21 appears a fair likeness of Messrs. Sheldon Bros., of Shannon City, Iowa, well-known breeders of Duroc Jersey hogs. There are few herds better known throughout the middle West than that of Messrs. Sheldon Bros. Their father, Mr. H. C. Sheldon, was one of the best breeders of the West. He was a careful judge and a student of pedigree. From this herd came some of the best producing sows of the breed. With Proud Advance as herd boar and the extraordinary collection of sows to be found in this herd, the future of Messrs. Sheldon Bros. is assured. They will be pleased to show their herd to any reader of The Homestead and a cordial invitation is extended to all interested in Durocs to visit them. They are deserving of the support of every breeder and will make an offering in the fall that will please discriminating buyers. Plan to inspect their herd and kindly mention The Homestead when writing them. See advertisement on page 26.

A GOOD STOCK FARM FOR SALE.

We desire to call our readers' attention to the splendid stock farm offered for sale by Mr. L. Brodsky, of Plover, Iowa. It contains 320 acres with good improvements, very choice land and is right adjoining town. There are two silos in the barn that hold 100 tons each, and Mr. Brodsky has the necessary machinery for filling and a good sixteen-horse gas engine for running the same. The land is nearly all tiled out and the farm has been the home of the Ploverdale Short-horns for nearly eighteen years. One hundred steers have been fed on this farm, besides the herd of Short-horns, so it is rich in fertility and would make an ideal dairy farm, being located near one of the best creameries in Iowa. Mr. Brodsky is closing out and he will make good terms on the farm if taken within the next thirty days. This is an ideal stock or dairy farm, and as Mr. Brodsky wants to sell, it can therefore be bought right and on the best of terms. Write him at once about it and mention The Homestead.

THE ROLFE COMBINATION SHORT-HORN SALE.

The combination Short-horn sale at Rolfe, Iowa, on August 22d, promises to be one of the attractions of the season. This sale occurs the day before the Brodsky sale at Plover, Iowa, and all those who attend the latter can just as well arrange to be at the two sales. Messrs. M. P. Hancher, Claus Johnson & Son, T. H. Fisher and A. G. Hewlett have all drawn upon some of their best animals and have consigned them to this sale. Messrs. Johnson & Son are selling fifteen head, among which will be ten females and five bulls, including a richly-bred young Mysie bull, Mysie's Lad. They are also selling a nice lot of cows and heifers bred to Scotch bulls or will have calf at foot. Mr. A. G. Hewlett also sells fifteen head, among which will be three young bulls and twelve cows and heifers. Five of these heifers are sired by the well-known Scotch bull, Aberdeen Prince. Those old enough are bred to Baron Marr, a richly-bred Scotch Dorothy bull. Mr. T. H. Fisher will sell eight head, four of which will be young bulls. One of these will be a son of his former herd bull, Prince of Athens, and he will be one of the best bulls in the offering. Mr. Fisher will also sell some good cows and heifers well along in calf to his present Scotch bull, Prince of Rosebud. Mr. M. P. Hancher is consigning eighteen head, six of which are young bulls. Two of these young bulls are straight Scotch. One is Choice Goods Ury, a son of Carter's Choice Goods and a grandson of the \$5,500 bull, Choice Goods. His dam is Ury Lady of Roseneath and he is one of the best herd heading propositions in the sale. Mr. Hancher is also

selling a good Rosemary bull out of Imp. Rosemary and sired by Golden Lad, a Brawith Bud bull formerly used in his herd. He also contributes the splendid cow, Mina of Oak Ridge 2d, undoubtedly one of the very best Scotch cows that will be sold this season. She will have a calf at foot by Gloster Prince. A good Scotch heifer and some extra good Scotch-topped cows will also be contributed by him and these will all be bred or will have calf at foot by Scotch bulls. The entire offering is a very useful and well-bred lot of Short-horns and it is going to be a good place to buy. Send to Mr. M. P. Hancher, manager, Rolfe, Iowa, for catalog and kindly mention The Homestead.

GEO. KERR BUYS CHOICE OHIO CHIEF SPRING PIG.

The well-known breeder above named has made one of the good deals where he gets possession of one of the best sons of the great Ohio Chief. Mr. Kerr's crop of spring pigs will number around 200 and these represent the blood of some of the best families of the Duroc breed. The purchase of the Ohio Chief pig was made to add more royal blood to the herd. This young spring pig was purchased from Mr. Taylor, of Bethany, Neb. The pig was a very promising one and Mr. Kerr thinks him the best Ohio Chief pig he has seen anywhere. The pig was purchased at a long price and is cheap at \$500. The Kerr herd represents the blood of Crimson Wonder, Kansas Wonder, Orion, Kan't Be Beat, Choice Goods, Harding's Proud Advance and Tolstoi. The crop of spring pigs are coming along nicely and will be in good shape for the fall and winter buyers. Look up the advertisement in this paper and write Mr. Geo. Kerr at Sabetha, Kan.

TRONE'S DUROC JERSEY SALE—LAST CALL.

We wish to impress upon the readers of The Homestead interested in Duroc Jerseys the fact that Messrs. Geo. W. Trone & Sons, of Rushville, Ill., are offering a very select lot of sows and boars for their sale to be held on Tuesday, August 14th. The writer has inspected the offering and is pleased to recommend the stock to readers of The Homestead wanting something good. In both individuality and breeding there are few if any offerings that will compare with this one. The blood of such noted winners as Oom Paul, Gold Finch and Kruger is plentiful in the herd of Messrs. Trone. It is not necessary at this time to go into detail regarding the past history of this herd. The prominent place it has held in Duroc circles for many years is ample evidence of the quality and breeding of the herd. The offering is made up of fifty head of fall and summer boars and gilts and a few spring boars. The blood of such noted boars as Oom Paul, Gold Finch, King Morton, Milton Orion, Kruger and other noted sires is plentifully distributed. This week we wish to call attention to some of the individuals of the offering. No. 2 of the catalog is a yearling boar by Oom Paul and out of May Flower 53556 by Gold Finch. This combination of blood has never failed to produce something extra good, and in this yearling boar someone can find an extra good herd boar. Another fact which breeders should not overlook and which is one of the most important features of this sale, is that there are few boars in the country sired by Oom Paul, and since his death, which occurred a few weeks ago, there will be few opportunities to secure a son of this noted boar. Mr. Trone has selected none but boars which are of the herd header sorts and which will reflect credit upon their noted sire. Kruger Boy, another yearling by Kruger, is a nice, deep, mellow boar weighing between 400 and 500 pounds, has good length, straight, deep sides, fine head and ears, good shoulders, hammed down to hock, wide, arch back, straight, heavy bone and stands up on his toes. He has every appearance of a show hog and is a herd header of the first order. Onward is another yearling son of

Kruger that will attract attention on sale day. Monarch, Diploma and Pedro are three yearling sons of King Morton 14259 by Morton King 8725 and are out of Colonial Girl 44794 by Gold Finch. These hogs are large and growthy, yet have the quality and finish desired by discriminating breeders. One of the attractions of the sale is found in King Morton. He was sired by Morton's King 8725, dam Ohio Belle by Ohio Chief. This boar, is a far better breeder than he looks to be. A number of his get in the sale will give those in attendance an opportunity to see and judge for themselves something of his desirability as a breeder. The females which Messrs. Trone are offering for sale at this time are an exceptionally good lot. There are a number of summer and fall sows which are the get of the hogs mentioned above. They are a very uniform lot, both as regards size and quality, and any breeder expecting to hold a sale this fall or winter will find it to his interest to secure some of these richly-bred sows. Breeders especially who have hogs of note will find that these sows will cross well with their hogs. Messrs. Trone extend a cordial invitation to all those interested in Duroc Jerseys to be present sale day. To those who cannot attend we wish to state that bids sent to Mr. D. M. Pierce, representing The Homestead, in care of Messrs. Trone will be carefully handled. Write today for catalog and plan to be present sale day, as per the announcement on page 22 of this issue, kindly mentioning The Homestead.

SHORT-HORN SALE FRIDAY, AUGUST 24TH, AT WATSEKA, ILL.

Mr. C. E. Iliff, of Milford, Ill., will hold a public sale of his entire herd of Scotch and Scotch-topped registered Short-horn cattle on Friday, August 24th, at Watseka, Ill. Some choicely-bred individuals will go under the hammer at this sale, as may be noted by the grandly-bred Marr bull, Rustler 242648, an international winner and which now stands at the head of this herd. The offering will consist of sixty head from the leading Short-horn families. A number of splendid young bulls which will be ready for spring service will also go. Mr. Iliff is dispersing this Short-horn herd, having purchased it some time ago from Mr. J. G. Withers, of the Stony Creek Farm, at Milford, Ill. The sale will take place on the above date regardless of the weather. This will afford Short-horn breeders a splendid opportunity to secure choicely-bred individuals at their own prices. Watseka is a town easily reached, being only eighty miles south of Chicago on the Chicago & Eastern Illinois Railroad, and 100 miles east of Peoria on the T. P. & W. railroad. Splendid hotel accommodations are at hand, so that visitors will find the best of entertainment. Mr. Allie Powell will be the auctioneer. Catalogs may be had by addressing Mr. C. E. Iliff, Milford, Ill. We trust Short-horn admirers will send for one early. See the advertisement which appears on page 24.

THE FEMALE OFFERING IN THE BRODSKY SALE.

Rarely, and seldom ever, has it been the lot of one breeder to put in as many richly-bred Scotch cattle as will go into the Brodsky sale at Plover, Iowa, on August 23. This herd of Short-horn cattle has been one of the best known in northern Iowa, and has contained as many Mysies and more Dorothies than any other herd in America. Besides these two more prominent strains are also a goodly number of Miss Ramsdens, Airy Buckinghams, Lavinas and other Scotch sorts that will be valuable acquisitions to any herd. There will be about seventeen head of Mysies in the sale and sixteen Dorothies, and these should be sought after by the best breeders. There are so many good things in the sale that it would be impossible to enumerate all of them, but we desire to call the attention of our readers to 7th Mysie of Pleasant View, a daughter of Victor Mysie 2d, together with a splendid lot of heifers and a number of young bulls of this same strain. Many of the best heifers will be sired by his Cruickshank bull, McDiarmid, considered one of the most richly-bred Mysie bulls in the West, and he will also be included in the sale. The female portion of this sale will be largely sired by such well-known Scotch bulls as McDiarmid 168765, Baron Lavender 118001, Highland Chief 3d 150210, Highland Amburst 196938, Baron Secret 118020 and Imp. Fancy's Pride. The cows in this sale are a grand lot of breeders, are invariably good milkers and are the possessors of excellent udders. We might go on indefinitely and talk of the Dorothies and the Mysies, the Secrets and the Buckinghams that will be found in the sale, but the catalog tells the story so completely that we urge all Short-horn breeders to send for it and then go to the sale. It shows as well bred Short-horns as have ever passed through a western sale ring, and take our word for it there will be no disappointments when you see the cattle. He will also sell one imported Percheron stallion, four Percheron mares, bred and safe in foal and one stud colt. Write for catalog to Mr. L. Brodsky, Plover, Iowa, and mention The Homestead.

VERY SUCCESSFUL AUCTIONEER AND DUROC BREEDER.

Mr. Ray Page, of Friend, Neb., starts his advertisement with this issue and we can say that this gentleman is going at a stride that wins in any profession. Mr. Page has been crying pure-bred live stock sales for some time and has made a success of his endeavors. His handling of his crowds has won him much praise. Mr. Page has all marks of a good auctioneer. He has been breeding Duroc Jersey hogs for a number of years and today has one of the good herds of Nebraska. His knowledge of the different strains of blood, as well as his being able to select good animals for the breeders makes him a very desirable man to have around a sale. He was formerly employed by a live stock journal, which experience has been very beneficial to him, owing to the number of herds he visited and getting in touch with the breeders in general. This live auctioneer has built up a trade that is enlarging every season. At this writing he has several sales booked ahead and is still booking them. He is not only good on the block, but is as valuable in the ring. He has handled many bids and has given good satisfaction wherever he purchased animals. His judgment of the pure-bred busi-

ness has helped him wonderfully. His terms are very reasonable. You cannot go wrong on giving this gentleman a chance. He will refer you to some of the very best breeders for whom he has cried sales. The herd of hogs owned by this gentleman has always been classed among the tops. The crop of spring pigs are as strong a lot of Durocs as we have found this season. Look up his advertisement on page 24.

GILBERT VAN PATTEN SELLS A VERY PROMISING BOAR.

The Homestead was responsible for the sale of Bonnie K., by Billy K., to Mr. A. Wilson, of Bethany, Neb. Mr. Wilson is to be congratulated on securing one of the best sons of the great Billy K. hog. Mr. Van Patten received a very nice sum for the yearling boar above mentioned. A recent letter from Mr. Van Patten will give some information as to the boar's strength in the breeder's opinion: "I wish to report the sale of Bonnie K., by Billy K., to Mr. A. Wilson, of Bethany, Neb., for the sum of \$200. This is one of the best pigs I ever bred. You may know he is a good one, for when Mr. Wilson got me to price him he was taken at once. There isn't a single individual in his pedigree as far back as we can remember that was not a good one. It may be of interest to some to know how he was bred. He is sired by Billy K. by Duroc Challenger by Orion Chief by Orion. His dam is Lady Clay by Red Chief I Am by Protection, and second dam No. 28 by Higgins' Model. He is a great pig, without a single weak point, and with it all he possesses an abundance of stamina and vigor so necessary to make a great stock boar and characteristic of the Billy K. type. Golden Rod herd is coming along nicely, with several good males that will make good herd headers."

LAST CALL FOR WILLIAM SMILEY'S BIG SHORT-HORN SALE.

This is the last opportunity that The Homestead will have to direct the attention of its readers to the prominent sale of Short-horn cattle, Scotch and Scotch-topped, to be held by Mr. Wm. Smiley at Malcom, Iowa, August 17th. The initial mention of this sale explained that a large per cent of the offering were straight Scotch and the remainder richly Scotch-topped. There are only seven bulls included in the sale, several of which are herd headers. Mr. Smiley is not endeavoring to make any excuses for this sale, as he is putting in his best cattle. Inasmuch as his sons are in college he finds himself unable to give the cattle the proper attention that he deems necessary, hence he is practically going out of the Short-horn business, at least for the present, and will confine himself largely to steer feeding operations. The splendid bull to which most of the females are bred is Abbotsburn Marshal. He is a son of the noted prize-winning Sharon Marshal, whose sire, Young Marshal, had for dam the world's renowned Imp. Princess Alice, the best daughter of the invincible Field Marshal. Abbotsburn Marshal's dam was Carrie Abbotsburn, sired by the Cruickshank bull, Scotch Chief, her dam being the undefeated show cow, Mary Abbotsburn 7th, an own daughter of the undefeated Young Abbotsburn. A splendid imported cow listed in the sale is in Lot 1 of the catalog, Imp. Daybreak's Princess. This is only a five-year-old cow, right in the prime, and was bred November 17th to Prince Nonpareil. A beautiful daughter of hers is listed as Lot 2, called Princess "E." She was sired by Nonpareil Conqueror. He was sired by Imp. Nonpareil Victor, one of the greatest sires of show cattle that has been imported to America in many years. Following the two females described are the Cruickshank Floras or Narcissus, as was the name of the imported cow. There is a goodly number of this family, some eight all told, which have been the most profitable and useful of the Scotch families in Mr. Smiley's herd. Lot 7 is a beautiful Scotch cow, Lady Annie 16th. She was got by Imp. Red Light and out of Im. Lady Annie 14th, she by New Year's Gift. This beautiful young cow has a fine bull calf at foot dropped June 17th. Lot 8 is a daughter of hers, sired by that most excellent bull, Victorious Count. This is a J. Deane Willis-bred bull, sired by Collynie Favorite. Lot 9 is a full sister to Lot 8, but is one year younger. Lot 10 is a beautiful Scotch heifer called Sunny Blink 12th. She was sired by Imp. Fancy's Pride and out of Imp. Sunny Blink 9th by the Dutchie-bred bull, Abbotsford 2d. This splendid Scotch heifer was bred January 14th

to Bruce Nonpareil. This practically mentions all of the Scotch females. There is a choice line of Scotch-topped Loudon Duchesses, Miss Wylies, or as they are sometimes called, Miss Hudsons. The remainder of the offering are richly Scotch-topped American sorts, such as Young Marys, Floras, Rubies, Young Phyllises, and other standard American families. The bull proposition should not be overlooked, for there are a number of good Scotch bulls listed. The sale is held the day following the big Flynn farm sale at Des Moines, Iowa. Trains from the west reach Malcom at 9 a. m., and from the east at 8 a. m., leaving for west 6:40 p. m., east, 7:50 p. m.

LAST CALL FOR DUNCAN'S MID-SUMMER SALE OF SHORT-HORNS.

The last announcement before the sale of Short-horns to be held by Mr. H. C. Duncan, of Osborn, Mo., at his Maple Hill farm on August 15th will be found on page 16. Mr. Duncan is selling as good a lot of Short-horns as his herd affords, and few sales have given to the public more attractions than are to be sold on this occasion. The bull consignment mentioned in a previous issue is one that should appeal to bull buyers. As Mr. Duncan has listed three as good herd bulls as will be soon found going through one sale. These are Magnet, one of the Maple Hill herd bulls and a great sire that is sold for no fault, but Mr. Duncan retains so much of his get that to hold him in the herd would not be profitable. Scottish Victor, a roan yearling and a show bull, and Golden Headlight, a red son of 8th Linwood Golden Drop, a cow that has furnished as many herd bulls as any living Short-horn cow. The other bulls, while not in the same class as these, will be found valuable atock bulls and should be appreciated by many. The female consignment is strong, indeed. The followers of the pure Cruickshank trikes will find much that will please them, as Mr. Duncan is selling good ones exclusively. A number of these were mentioned last week, and we now wish to remind all lovers of good Short-horns that Mr. Duncan would like to entertain you at Maple Hill farm sale day, whether you buy or not, the trip will be worth the time and expense. Colonels Bellowa, Harriman and White will do the selling. Catalogs give time tables complete and all information.

THE MICKEY HERD OF DUROCS.

The writer had the pleasure of looking over a very strong lot of Durocs, owned by Governor Mickey & Son, of Osceola, Neb. This herd of hogs was founded on the same basis as the grand, good herd of cattle owned by this same firm, and so well known the country over. When they dispersed the herd of cattle, Mr. O. E. Mickey started in to buy a herd of Durocs that would be as well known as the cattle. One of the good purchases made by this firm was that of Homestead Gold Dust by the great Gold Dust Jim. This hog is one of the best sires found among our travels. His get are even in size, as well as carrying a very strong line of individuality with it. One yearling sow sired by this hog promises to make trouble in the yearling class at Iowa and Nebraska this fall. This sow is very even, with a good, strong back, good head and ear, good feet, good side lines and as smooth as you find them anywhere. Several of the spring pigs are showing up as well as the yearlings. The Homestead get are very easy feeders as a rule and you will notice in them a very strong feature, namely, strong back with good feet. Of the 125 pigs of spring farrow about seventy-five are sired by the hog above mentioned. The balance are sired by the great breeding boar, Belle's Echo, by Echo King and out of the great sow, Nebraska Bell. This hog needs no introduction, as he has won his spurs by being the sire of an offering where several of our best breeders purchased of his get, and the hog afterwards sold to Messrs. Mickey and Brown, of Osceola, for the reasonable sum of \$250. This grand sire attracted the attention of some very strong breeders and we will say that he is still breeding as of old. His get are very strong. The Mickey herd has possibly as many of his get as will be found and they are to be watched. This line of breeding is worth watching and you can feel safe in buying one of the Belle Echo pigs, as they have proven that they are not an experiment. We also found several pigs sired by the great sweepstakes boar, Red Knight. This hog has several close relatives located in the Mickey herd. Mr. Mickey was a good buyer at the former home

of Red Knight and secured some very good sows related to the great show hog. These sows are crossing nicely with the two boars mentioned. The herd of sows on this farm is very strong. We noticed several fall yearlings that will be retained for the spring sale. This sale promises to be one of the best held in Nebraska this year, as the owners have decided to offer only the choicest stock. The sows farrowed good, strong litters and were very fortunate in raising them. The advertisement of this firm appears on page 24. If you are ready to place an order for a spring boar you should write these gentlemen for prices.

LAST CALL FOR FLYNN FARM SHORT-HORN SALE.

This is our last opportunity to remind Short-horn breeders generally that the Flynn Farm Company, of Des Moines, Iowa, will hold another annual sale from Walnut Hill on August 16th at the Flynn farm. This sale was planned by the late Mr. Martin Flynn and the selection of the cattle to be sold was all made prior to his demise, hence all these plans will now be carried out to the letter and the Short-horn breeders of the middle West will have another opportunity to get some of the plums from Walnut Hill. Lot 1 of the sale catalog is a good Scotch cow called Rosamond of Clover Lawn. She was sired by Prince Gerald, a splendidly-bred Scotch bull. Her dam, Rosamond of Ashburn, was by the Scotch bull, Village Boy 3th. This is a very attractive young cow, a heavy milker, neat and effeminate, low and close to the ground. She is exceedingly valuable at this time, from the fact that she has a beautiful bull calf at foot, dropped June 27th, sired by Baron Violet, a choicely-bred Cruickshank bull. The cow herself belongs to Mr. Cruickshank's Bloom of Thessalonica family. Lot 2 is Buchan Princess and belongs to the famous Scotch Buchan Lassie family. She was sired by Lord Lassie 14th, he by Abbotsford. This is a splendid cow, with a beautiful red heifer calf at foot, sired by Mr. F. A. Edwards' famous bull, Duke of Oakland 2d. Buchan Princess is a cow, with plenty of scale and substance. She is an ideal representative of the modern Short-horn cow, being a heavy milker and thick flesher. Lot 3 is a Scotch Lady Mary, sired by Golden Lord and out of Imp. Lady Mary 16th by Maximus. This is a splendid heifer, possessed of show-yard character and is due to calve before sale day to the service of Victorious Archer, a splendid son of Scottish Victor. Lot 4 is Mina Lass 2d, a low, thick, blocky heifer sired by Scottish Victor and was bred October 29th to Victorious Archer. This is one of the good things of the offering and will doubtless be appreciated at sale time. Lot 5 is Lady Ellen 2d, a daughter of Golden Lord and traces to the Campbell cow, Imp. Margaret 3d. This is a fine young cow of the choicest breeding and individual excellence. She has a splendid bull calf at foot, dropped June 20th by Victorious Archer. The calf is red and a good one. Lot 6 is Mary Knight, a two-year-old heifer by Imp. Red Knight. She is only three removes from Imp. Rosemary by Breadalbane. This is another good-looking heifer with a splendid bull calf at foot and is re-bred to Lovat Champion. Her sire, Imp. Red Knight, was not only a champion show bull, but in 1903 at the Minnesota State Fair he was awarded first honors on get of sire. At the International at Chicago in 1903, the greatest Short-horn show that the world had then seen, Red Knight's get was awarded first, second and third, also first on young herd. The grand champion bull and grand champion cow at the Oregon State Fair in 1904 were sired by Red Knight, as was the grand champion cow at the Portland Exposition in 1905. Lot 7 is Sweet Briar "C." She is a daughter of Scottish Victor and is but four removes from Imp. Sweet Briar 7th, a daughter of the celebrated William of Orange. This is a family of Scotch cattle that have been very highly prized at Walnut Hill. In fact some of the best Scotch bulls used in modern times are in the top of this pedigree. Lot 8 is a choicely-bred Cruickshank Lavender, sired by the famous J. I. Marengo, bred by Mr. Philo L. Mills. The Lavenders are conceded to be one of the very best families propagated by the sage of Sittytton. Perhaps the greatest Scotch cow ever owned by Col. W. A. Harris, of Linwood fame, was Imp. Lavender 36th. This Lavender is particularly attractive from the fact that her dam is a very heavy milker and the heifer herself was bred October 26th. There are thirteen of these choicely-bred Scotch females which are followed by a choice string of Bates Kirkieington Wild Eyes, Lady Liverpools, Rose of Sharons, Azaleas, Duchess of Thorndales, Duchess of Oxfords, Barringtons, Miss Wylies or Miss Hudsons, Waterloos and a few American families. The bulls run largely of the same families as the cows. The offering may be rated as a desirable one from start to finish: in fact, Walnut Hill does not set forth any other kind. We predict for this sale the success that it justly merits and can assure our readers that some very useful and practical cattle will be offered. The sale catalog is now ready for distribution and will be cheerfully sent free to all readers of this paper who apply to the Flynn Farm Company, Rural Route 5, Des Moines, Iowa. Parties can attend this sale, returning to Des Moines in the evening, stay all night and reach Mr. Wm. Smiley's Short-horn sale at Malcom, Iowa, the morning of the 17th at 9 o'clock.

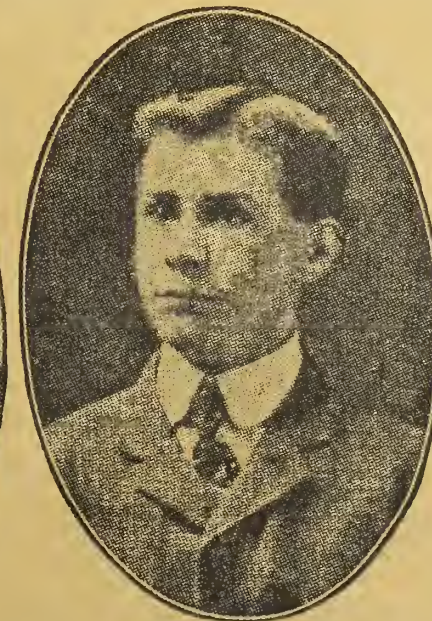
LYNDALE HERDS OF SHORT-HORNS AND POLAND CHINAS.

It is seldom that one meets with a couple where the interests of both in their live stock is more keen than at Lyndale farm, owned by Mr. and Mrs. A. F. Graves, of King City, Mo. Lyndale is naturally beautiful, being one of those fine upland farms, such as are found in northern Missouri. Its 200, and over, acres lie beautifully, the slopes being such as drain to best advantage the knoll where Mr. and Mrs. Graves are building their home and working together for the interests of their herds. These young people are enthusiastic, are lovers of good stock and are people that, when they decided to engage in the breeding and developing of fine stock, realized that a home for these must be provided. Before



CLIFFORD SHELTON

Messrs. Sheldon Bros., of Shannon City, Iowa, successors to Mr. H. C. Sheldon, two of Iowa's most promising Duroc breeders. See field notes.



GLEN SHELTON

the larger purchases were made Mr. Graves had erected a model stock barn for cattle, one of the best hog houses in America, horse barn, bull barn and a most complete work shop, and all watered by a most satisfactory and complete water system. Everywhere and on every side one sees that Mr. Graves has planned for the health and comfort of his stock. By the time the barns were completed he had laid the foundation of two herds—a herd of Short-horns and a herd of Poland China hogs. The same desire to have and to own stock worthy to grace the Lyndale pastures and barns exerted itself and Mr. Graves bought the best to be found of the type he had set out to breed and develop. He attended some of the better sales, was a liberal bidder on the better things and at the Bellows Bros. sale in June Mr. Graves topped the sale by buying Royal Hampton at \$1,025. Royal Hampton was considered by Messrs. Bellows to be the best Scotch bull ever sired by Hampton's Best. He is a beautiful red, and has the thickness and wealth of flesh so essential in a herd bull. In his pedigree is found a grand array of celebrated bulls produced by Mr. Amos Cruickshank and Royal Hampton promises much in the Lyndale herd. When buying females Mr. Graves bought individuals that promised to reproduce and in most cases cows well along in calf were bought; several with calves at foot, also found a good home at Lyndale. Among these was a Young Mary cow that carries four Scotch tops and all good. With this young cow was a white bull calf got by Invincible Hampton, and a calf that is destined to stay at Lyndale for some time to come. He has in the hands of Mr. Geo. Mason, herdsman at Lyndale, developed into a show bull that will, if shown, be one with which every junior yearling will have to reckon and when they have beaten him they will realize that they have been to the show. The best description of him is—a snow-white bull, and every inch a show bull, with no holes that need covering. Thus it may be seen that Lyndale has two good herd bulls. The female end of the herd has not been neglected and both Scotch and Scotch-topped sorts roam over the pastures. The pure Scotch tribes represent such families as Queen of Beauty, Orange Blossom, Butterfly, Clipper, and Victoria. The Scotch-topped sorts are the reliable Young Mary and Rose of Sharon. Some desirable young bulls are now ready for the trade, among which are some pure Scotch and some good, useful Scotch-topped fellows just ready for service. The herd of Poland Chinas was founded along practical lines, as Mr. Graves believes in only such stock as is practical. Size and quality are the requirements in the Poland herd at Lyndale. Sunshine King is at the head of the herd. He was got by I Am Sunshine and out of a daughter of Allerton's Tecumseh. The sows throughout the herd are rich in the blood of Tecumseh and Perfection. Some rattling good fall boars are for sale. These are big, strong fellows from big litters and some herd headers among them. The crop of spring pigs, numbering over 100 head, are an ideal lot, growthy, strong and vigorous. From these many high-class boars and sows can be had. Mr. Graves invites inspection of his herds and he offers only the best. The advertisement of the Lyndale herds will be found regularly from now on in our advertising columns. This week on page 24.

GARDNER'S ANGUS SALE.

The dispersion of the Champion Baby Beef Herd of Aberdeen Angus cattle owned by Mr. Chas. H. Gardner, of Blandinsville, Ill., which will take place at Galesburg, Ill., on Tuesday, August 14th, is one of the most important Angus dispersions of past years. The phenomenal show record made by this herd in recent years, the individual excellence of the offering, should both appeal to the Angus breeders of the central West. The bull consignment is without doubt the strongest of recent years. It includes Vala's Rosegay, the second-prize calf at five months of age at the American Royal, first as junior yearling, junior champion and reserve grand champion at the World's Fair at St. Louis, and first in two-year-old class at the International in 1905. This remarkable bull is by the champion, Rosegay, and from the champion cow, Vala, conceded to be the greatest female production of the breed. This bull should be a winner at all of the big shows of the season. Key 2d, second in calf class at World's Fair, and second as yearling at 1905 International, and Rose's Errol, fourth-prize winner as get of sire at same show, together with Rosegay 2d, a full brother to Rosegay, offer to the breeders unequalled opportunities to secure show-yard bulls to head herds or for show purposes. Concerning his dispersion sale Mr. Gardner in his announcement of catalog says: "I will absolutely disperse this high-class herd of cattle at Galesburg, Ill., on Tuesday, August 14th. One excuse for an auction is as good as another, and as so many reasons for dispersions are often given, the insincerity and untruthfulness of which are often easily apparent, I take it for granted that nothing of the kind is necessary here. I will, however, state as a general proposition that I am not dispersing this herd because I have failed to produce the type or ideal desired. I believe I can say without boasting that my success in the Aberdeen Angus business has been almost phenomenal. From the very outset I produced the type that was popular in the fat cattle markets of this country, and marketed at an early age such well-matured youngsters of such outstanding excellence that my herd was christened the 'Baby Beef Herd.' In 1899 at Evans' dispersion I purchased Rosegay, he being the first sire that I selected for the herd, the Second Duke of Epsill, my stock bull at that time, having been bought with the herd from Mr. Harvey. I secured with Rosegay his dam, Rose of Emerson 3d, that has since become one of the greatest breeding cows of the breed. In 1900 I exhibited Rosegay at the state fairs and the International Exposition at Chicago, winning first and junior championship just about as easy as though there were no other entries. From that time down to the present I have each year exhibited a first-prize or a champion bull at leading shows, and during these years I have sometimes furnished both of the winners of bull cham-

pionships. It is with Rosegay and his sons and grandsons that I have done it. He represented the early-maturing baby beef ideas to perfection, and as my herd at the present day is largely composed of animals carrying the blood of this the most popular of all Aberdeen Angus champion bulls, I believe it might with more propriety be called the Rosegay herd. Every animal cataloged is either related to this bull, has calf at foot or is in calf to a son or grandson. Never before in the history of American Aberdeen Angus auctions have so many outstanding show bulls been offered in one sale, and each one is descended from the renowned Rosegay. I believe they will furnish the first-prize and champion bulls in 1906 and I sell the cows that have produced them and they will continue to do it. In January, 1904, I sold my show cattle at Chicago, and in September of that year, without special fitting, I took two youngsters to St. Louis and one of them was placed second in his class and the other was awarded first and crowned champion of all the juniors there. I have succeeded in breeding and exhibiting prize winners. In 1903 at the American Royal at Kansas City my herd won nineteen out of a possible twenty-one first and championship prizes. I was showing cattle there then, but last year at the same show at Kansas City thirteen cattle of my breeding were within the prize money, including the junior champion bull. I would call special attention to the magnificent group of Trojan-Ericas herein cataloged, consisting of eleven head of superior finish and individuality. The Western-town Roses are a wonderful quartet and the Prides and Barbaras are represented by their best. Standing alone as a representative of a family is Vala's Rosegay, the son of Rosegay, the most popular of champions, and Vala, the recent queen of the beef breeds. His pedigree contains, we believe, the names of more champions and great breeding animals than can be found in the tabulation of any other pedigree in the herd book. The herd is prolific and has been a profitable and paying investment for me, and I offer it to the public at its own price, without protection of any kind. I ask Angus admirers generally to come and see the best offering of Angus bulls they were ever permitted to view, and to value them and their sisters and the sires and dams that produced them." Further mention of this grand offering will appear in these columns in our next issue. We advise our readers to write for catalog to Mr. Gardner at once as per announcement, kindly mentioning this paper.

J. O. JAMES' POLAND CHINAS.

One hundred spring pigs is the sum total of this season's crop belonging to that enterprising young breeder, Mr. J. O. James, of Braddyville, Iowa. These are mostly sired by that grand old boar of his, Pawnee Lad, whose 900 pounds and general make-up has won for him a warm spot in the hearts of the Poland China men of southern Iowa and the West. This boar was bred by that old veteran breeder, Mr. John Blain, and was sired by Klever's Best, a son of Happy Perfection, and out of one of the most noted brood sows in the Blain herd, Big Mariah. This boar has done wonders in the James herd and his pigs are always in great demand by those who want size and quality combined. He is coming four years of age, but is right up on his pins, with a wonderful arch of back and a depth of body, with a bone that the most critical cannot complain of, and he never fails to transmit his best qualities to his offspring. His pigs this year show up well and the boys will have an opportunity on October 11th to pass upon them. One of his best litters this year is out of Rose Perfection, a daughter of Rose Allerton by Allerton's Tecumseh, and the pigs are by Pawnee Lad. This litter will be included in his forthcoming sale. Another choice litter is out of Lady Giant, a daughter of old Giantess, and there are also five sow pigs by Pawnee Lad. Miss Nemo L. by Nemo L's Dude, has another good litter by the same boar and she and her fall and spring litter go in, as do also May Price 2d and her crop of pigs. Pawnee Lad sired the sow that Mr. George White purchased last year and was considered the best sow in the sale. Mr. James has ten fall boars and a good herd boar for sale. The latter is Big Prospect and is a son of Blain's Tecumseh, out of Black Susie L. by Logan's Chief. The grand sires on both sire and dam's side were 1,000-pound hogs, and noted winners. Anyone wanting a tried herd boar should write Mr. James at once. He will make a public sale on October 11th, at which time he will sell fifty head of fall and spring boars, the choice of his spring gilts, and some matured sows.

RED KNIGHT AS STRONG AS EVER.

The Duroc men of the middle West will no doubt be glad to know that the great show and breeding boar, Red Knight, is as strong as ever, and the hog that won first and sweepstakes at Nebraska will again be out for the same honors this season. Red Knight was the undisputed winner and he has made good several times over by siring some of the good pigs of this breed. Mr. Brown, of Osceola, Neb., has wintered this grand hog very well and has him now in a fit condition to go into some of the best shows of the breed. Red Knight is a hog of good size, with a good, strong constitution; good back, good head and ear, with a good spring of rib, and a set of legs that are as good as you find, fitted out with the best kind of feet. The same strong features are noticeable in the get of this great show hog. Red Knight is in good condition at this writing and should make as good a showing as ever. He has grown to some extent and is as active as ever. Several very choice pigs and yearlings sired by this hog are showing up to good advantage. Red Knight was sired by B. Maubkeck by Duroc Challenger and out of Ceres IV. by Rajah Muda. The boar is very strong all over. His great depth, as

50 Tops of the Breed at Auction

Selections from the Willow Stock Farm

RUSHVILLE, ILL., TUESDAY, AUGUST 14TH, 1906.

Fifty head of fall and summer boars and gilts and a few spring boars. The breeding and the individuality of this offering cannot be excelled. The blood of Oom Paul, Gold Finch, King Morton, Milton Orion, Kruger and other sires equally as noted flows in their veins.

The sires used on the gilts are Toko Paul 37819, a son of Oom Paul, grandson of Jumbo Red, his dam Hallena, by Gold Finch, Hallena's dam being Washington-Kruger I. 44013, by Gold Finch 7549, his dam being a granddaughter of Washington 447—Ring Worm, by Milton Orion and he by Orion II., of World's Fair fame, his dam being Ohio Belle, by Ohio Chief 8727 (A.)—Ninety-mile, by Gold Finch 7549, his dam by Dewey 6975 (A.) and out of White Oak Belle III., she being sired by Trone's Hero.

No better or more popular breeding can be found anywhere. Come to the sale and see for yourself that the individuality is there, too. Parties from a distance can reach the sale either by going to Rushville or Frederick. You will be taken care of.

Send for catalog, mentioning The Homestead.

G. W. TRONE & SONS.

Col. Callahan, Col. Reppert, Aucts.

Send bids to D. M. Pierce, representing this paper.

well as side and underline, and easy-feeding qualities are other features not to be forgotten. The crop of spring pigs sired by Red Knight will number around seventy-five to 100. Another boar that has been doing great work in this herd is Belle's Echo by Echo King and out of the great sow, Nebraska Belle. This hog has the reputation of being one of the greatest sires of the Duroc breed. The get of this hog were ready sellers in the Fentress sale last fall. The boar was lately purchased to go at the head of two grand herds owned by Mr. E. J. Brown and Messrs. Mickey & Son, all of Osceola, Neb. Belle's Echo has crossed very well on the get of the great Red Knight, and the cross brings out a good line of breeding. His color is ideal and his get carry that same feature throughout. A pig sired by this hog should prove very valuable. Still another good animal has given good returns, Red Duster, by Homestead Gold Dust, by Gold Dust Jim. This yearling is a massive fellow, with a bone that many hogs of maturity can't show. He has made good as a sire, and we selected several good pigs that will make good. The crop of spring pigs will number around 165 in all. Among the good sows in the herd we find the show sow, Fancy Maid, Echo's Best and others sired by Jumbo Red, Morton Prince, Trone's Wonder, Improver 2d, Crimson Wonder, Star Jumbo and others as well bred. The entire herd represents some of the best families of this breed. Watch for the sale announcement later.

THE BEST WAY TO HANDLE CLOVER SEED.

Many years of experience have taught us that a mower or a harvester cannot be used to the best advantage for cutting clover for seed. We have tried all the known methods of cutting clover for seed and have found the American huncher, an attachment for a mower, the best thing yet. This machine is manufactured by the American



Buncher Manufacturing Company, of Indianapolis, Ind., and if there ever was a doubt as to the best way of handling clover, that doubt has been dispelled by those who have used this huncher. It is attached to the mower and when a bunch of cut clover has accumulated it is dropped by the operator and there is no raking, scraping, shattering the seed or loss in time or seed. There is another advantage in the buncher, it leaves the heads exposed to the wind and sun, where they become thoroughly dried and are all the more easily hulled. If our readers are interested in the best means of taking care of clover, let them put themselves in communication with the American Buncher Manufacturing Company, Indianapolis, Ind., mentioning The Homestead.

PAWNEE HERD DUROC JERSEYS.

On another page of this issue will be found a fair likeness of Mr. Ed A. Baxter, of Pawnee, Ill., proprietor of the Pawnee herd of Duroc Jerseys. To the breeders of the central West Mr. Baxter needs no introduction. During the past fifteen years he has been one of the prominent breeders of Illinois. He has always been willing to pay good prices for good stock and during the past season was one of the most liberal buyers of the tops at the numerous sales. Many sales have had his support, both in time and money, and his persistency in bidding is equaled by few breeders. At the head of his herd is Buddy K. IV. 20861. This boar was first in aged class and sweepstakes at Illinois State Fair last year and will be shown again this year. He has extra length, very good back, extra spring of rib, wide, full hams and stands on the best of feet and legs. During the past year he has developed wonderfully and it will be a hard matter to beat him this year. As a breeder he ranks with the best as is clearly seen by the spring pigs sired by him. He comes from a long line of prize-

winning ancestry and is producing the prize-winning kind. Through Mr. Baxter's continued buying he has some of the best herds represented. The spring boars which he is offering for sale at the present time are of show-yard quality. We wish to commend them to our readers. Red Rover, a daughter of Buddy K. IV., has a nice litter of pigs by Kruger Again, he by the World's Fair prize-winning boar, Kruger. This sow goes in fall sale and her litter will be offered for sale at the present time. Cosmopolitan 115402 by Gold Dust 23343 by Allison Jr. Perfection has a nice litter by He's Our Pride, the boar which now heads the well-known herd of Mr. T. E. Laurie, of Jacksonville, Ill. She also goes in fall sale. Zeda Bell 116538 by Ringleader 37891 by Nash's Model 21395 has a very fine litter by Prond Advance. A boar in this litter is fit to head any herd. He is large, growthy, smooth and has good bone and feet. Anyone wanting a herd boar will not go wrong on this pig. This sow is due to farrow soon to service of Buddy K. IV. and should produce something extra good. At the Fagan, Browning, Hess & McCabe sale this past winter Mr. Baxter secured Golden Queen 91608 by Hugh Idle 11217 by Top Notcher 8803 (A.), dam Queen Golden 64484 by M. D. Lafayette. This sow has a fine litter by Red Express, several boars of which are fit for herd headers. She will go into winter sale. At the Geo. W. Seckman sale Mr. Baxter secured Toppy S. 1st 114144. She was sired by the well-known boar, Major R. 29163, and her dam was Golden Knight 70586 by Tip Top Notcher. Her litter is by Earl of Shadeland and the boars in this litter are extra good ones. May Flower 115536 by Ohio 38157 by Kan't Be Beat 28067 (A.), dam Red Rose 78910 by Fruit's Corrector 8921 (A.), is safe in pig to Buddy K. IV. and goes in fall sale. Tip Top Notcher Baby 71202 by Tip Top Notcher, dam Perfect Gold Dust 22996 by M. D. Lafayette, has a good litter and will be consigned to winter sale. A litter by Major R. that will attract attention is out of Mortgage Lifter II. by A Top Notcher by Tip Top Notcher. Breeders will have an opportunity to bid on her in the fall sale. A litter by Roland is out of My Choice 105800, she by Buddy K. IV. A litter by Double Track, the boar used at the head of Messrs. E. H. Deal & Son's herd, is out of Switzer Case 114142, she by Fashion Boy 33029, he by Stoner's Improver 22611. This sow goes into fall sale and should be secured by some breeder who wishes to secure new blood or breed a good producing sow to some noted boar. The litter out of My Choice (mentioned above) by Roland includes four good boars. The sow is one of the best Mr. Baxter owns and the pigs are of the herd header sort. Tip Top Notcher Baby's litter is one of the best in the herd. Mr. Baxter has just shipped one of this litter to Messrs. Maupin & Applegate, at Shelbyville, Mo., who paid him \$100 and are very well pleased with their purchase. Golden Rod by Buddy K. IV. has a fine litter by Major A. that will please the most discriminating buyer. A litter out of Bianca by Buddy K. IV. is a strictly show-yard lot of pigs. In every way they will please breeders looking for herd boars. A few good pigs by Dumont, out of Red Carnation, the top sow in Deal & Schweizer's sale and others of note afford the buyer an unequalled opportunity to secure something good. Red Carnation now has a fine litter by Buddy K. IV. Mr. Baxter recently secured the boar Red Lad 31091 which he expects to breed to several sows. His sire was Red Hart 12439 and his dam Lady Cad 44892 by Comet 9483, an Illinois State Fair prize winner. Mr. Baxter also has fifteen fall boars which are extra good, strong, growthy fellows that are being priced at from \$40 to \$50. Among the lot are several which should head good herds. This herd numbers around 250 head and gives to the breeders and farmers of the middle West an exceptional opportunity to secure herd headers of the right sort at reasonable prices. We take pleasure in commending this herd to our readers and call their attention to advertisement on page 24. Write Mr. Baxter for prices and other information, kindly mentioning this paper.

NEW ENGLAND AND CANADIAN POINTS.

The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

DON'T BUY GASOLINE ENGINES

UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or alcohol engine, superior to any one-cylinder engine, revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs Less to Buy—Less to Run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mrs. Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.

GREAT TWO DAYS SALE SCOTCH AND SCOTCH TOPPED SHORT-HORNS AND PERCHERON HORSES. A GRAND COLLECTION OF SOME OF THE BEST CATTLE AND HORSES TO BE SOLD THIS YEAR.

ROLFE, IOWA, AUGUST 22d.

55 HEAD REPRESENTING SOME GRANDLY BRED SCOTCH BULLS AND FEMALES FROM THE HEROS OF M. P. HANCHER, ROLFE, IOWA; A. G. HEWLETT, ROLFE, IOWA; CLAUSS JOHNSON & SON, ROLFE, IOWA; THOS. H. FISHER, ROLFE, IOWA.

NO. 3 GAUNTLET'S QUEEN 3D COW
Red; calved December 11, 1904. Bred and owned by M. P. Hancher, Rolfe, Iowa.
Dams. Sires. Breeders.

Got by Golden Lad 241083 A. Williams
Gauntlet Queen Red Gauntlet 2d 149506 E. D. Converse
Miss Gray Bridesman 19th 149968 R. & N. Nicholson
Imp. Fair Queen 4th Gladstone (43286) S. Campbell

NO. 1 MINA OF OAK RIDGE 2D COW
Red; calved July 8, 1900. Bred by J. W. Eaton. Owned by M. P. Hancher, Rolfe, Iowa.
Dams. Sires. Breeders.

Got by Splendid Prince 144292 Jas. Eaton
Mina Hope Double Lavender 3d 125394 Jas. Eaton
Mina Star Star of Hope 100945 W. S. Marr
Imp. Mina 5th Chatham 86686 Wm. Duthie

NO. 4 BRAWITH LAD BULL
Roan; calved June 1, 1905. Bred and owned by M. P. Hancher, Rolfe, Iowa.
Dams. Sires. Breeders.

Got by Golden Lad 241083 A. Williams
Imp. Rosemary 212th Royal Standard (73545) Wm. Duthie
Rosemary 75th Star 8th (53714) Sir W. Armstrong
Rosemary 59th Lorne (46723) Geo. Shepherd
Rosemary 48th Chieftain (42934) Wm. Duthie
Rosemary 33d Duke of Parkland (33714) Geo. Shepherd

NO. 6 CHOICE GOODS' URY BULL
Red; calved November, 1905. Bred by A. B. Carter. Owned by M. P. Hancher, Rolfe, Iowa.
Dams. Sires. Breeders.

Got by Carter's Choice Goods 220910 W. D. Flatt
Ury Lady of Roseneath Morning Star 166499 G. Isaac
Ury of Fraserville Golden Crown 166496 G. Isaac
Ury 14th Comet 114817 S. Campbell
Ury 13th Statesman 1st 77977 S. Campbell
Imp. Ury, alias Ury 7th Duke 22612 J. H. Edenfield

NO. 8 MYISIE'S LAD BULL
Red; calved April 15, 1905. Bred and owned by Claus Johnson & Sons, Rolfe, Iowa.
Dams. Sires. Breeders.

Got by Aberdeen Prince 185852 Bigler
Myisie Bloom Klondike 128814 E. D. Converse
Myisie Bloom of Wayside Ahiquil 128628 Greene Bros.
Myisie Bloom 2d Commodore 118477 H. D. Parsons
Myisie Bloom Home Secret 103632 D. Cookson & Sons
Myisie Violet Imp. Pro Consul 94510 A. Cruickshank
Myisie Venus 5th Imp. Spartan Hero 77932 A. Cruickshank
Myisie Venus 3d Imp. Violet's Emperor 58381 A. Cruickshank
Myisie 39th Crown P. of Athelstane 2d 16584 D. Christie
Imp. Myisie 36th Scotland's Pride (25100) A. Cruickshank

M. P. HANCHER, MGR., ROLFE, IOWA.
COL. GEO. P. BELLOWES AND AL. MASON, AUCTIONEERS.

Kindly mention Homestead when writing for catalog.

PLOVER, IOWA, AUGUST 23d.

90 Head. 50 head Straight Scotch cattle. The largest per cent of Scotch ever sold in the West. I am closing out my entire herd, comprising more Mysies and Dorothys than have ever been sold in a western sale, and other Scotch tribes. Below are a few sample pedigrees.

NO. 2 7TH MYISIE OF PLEASANT VIEW COW.

Red; calved Oct. 26, 1899. Bred by S. H. Thompson & Sons.
Vol. 50. Sires. Breeders.

Got by Victor Mysie 2d 121471 S. H. Thompson & Sons
3d Mysie of Plain View Double Victor 111558 Wm. Cumming & Son
Mysie Venus 2d Imp. Leyburn 60248 A. Cruickshank
Mysie Venus Village Boy 25099 J. I. Davidson
Mysie 39th Crown P. of Athelstane 2d 16555 D. Christie

NO. 29 ADA MARR 8TH COW

Red; calved May 24, 1901. Bred by L. Brodsky.
Vol. 60. Sires. Breeders.

Got by Highland Chief 3d 150210 L. Brodsky
Ada Marr Imp. Amhurst 49768 A. Cruickshank
Helen Marr Earl of Springbank 69628 H. Y. Attrill

NO. 27 ADA MARR 5TH COW

Red; calved March 12, 1898. Bred by L. Brodsky.
Vol. 47. Sires. Breeders.

Got by Cherry's Strathearn 141908 L. Brodsky
Ada Marr Imp. Amhurst 49768 A. Cruickshank
Helen Marr Earl of Springbank 69628 F. L. Parker

NO. 10 BEAVER CREEK MYISIE 5TH COW

Roan; calved July 27, 1903. Bred by N. A. Lind.
Vol. 62. Sires. Breeders.

Got by Imp. Fancy's Pride 182014 Geo. Bruce
Mysie of Aberdeen Imp. Amhurst (47341) 49768 A. Cruickshank
Mysie of Turlington Violet Knight 78287 A. Cruickshank
Mysie 45th Earl of Aberdeen 45992 A. Cruickshank
Mysie 43d Cr. Prince of Athelstane 2d 16585 D. Christie

NO. 1 McDIARMID 168765 BULL

Red; calved March 10, 1901. Bred by B. O. Cowan.
Sires. Breeders.

Got by Lavender Prince 144120 Norton
Mysie 50th Imp. Prince President 77023 A. Cruickshank
Mysie 45th Imp. Earl of Aberdeen 45992 A. Cruickshank
Mysie 43d Cr. Prince of Athelstane 2d 16585 D. Christie

NO. 9 DOUBLE MYISIE 263708 BULL

Red; calved May 1, 1905. Bred by L. Brodsky & Son.
Sires. Breeders.

Got by Magistrate 2d 162933 S. H. Thompson & Son
Mysie Queen Golden Aberdeen 119403 C. S. Barclay
Mysie Venus 5th Imp. Spartan Hero 77932 A. Cruickshank
Mysie Venus 3d Imp. Violet's Emperor 58381 A. Cruickshank
Mysie 39th Cr. Prince of Athelstane 2d 16585 D. Christie
Imp. Mysie 36th Scotland's Pride (25100) A. Cruickshank

Write for catalog at once and come to my sale. Sale begins at 10 a. m. My farm of 320 acres adjoining Plover is for sale. It is well improved and will be sold on easy terms.

L. BRODSKY, PLOVER, IOWA.
Cols. Bellows, Carey M. Jones and Mason, Auctioneers.

Duncan's Mid-Summer Sale of Short-horns

At Maple Hill Farm, Near Osborn, Mo., Wednesday, August 15, 1906, at 12:30 P. M.

10 BULLS, 7 PURE CRUICKSHANK. 10.

Among the bulls are my herd bulls, MAGNET 188058, an Orange Blossom, Golden Headlight 245876 and Scottish Victor 244264, three as great herd bulls as have gone through any sale this year. The remaining Scotch bulls, two Orange Blossoms, one Victoria and one Eliza, are exceedingly good and very promising.

40 FEMALES, 15 PURE CRUICKSHANK. 40.

The Cruickshank females consist of Victoria of Glenwood 14th and heifer calf, Ury of Maple Hill, her yearling heifer, Maple Hill Violet 16th, Maple Violet, China Rose, a Violet, and bull calf, Orange Blossom of Wildwood 5th, Maple Hill Orange Blossom and Gloster of Maple Hill, a Duchess of Gloster. The balance of the females are from seven-eighths to fifteen-sixteenths pure Cruickshank and of families that have been bred on my farm for thirty years.

I am selling as good cattle as I am retaining in my herd. Everything guaranteed. My illustrated catalogs give complete information regarding the offering, time tables and how to reach the farm. I would be pleased to mail one to all who are sufficiently interested to write.

H. C. DUNCAN,



OSBORN, MO.

Col. Geo. P. Bellows and Others, Auctioneers.

Wm. SMILEY'S SHORT-HORN SALE

To be held at MALCOM, IOWA, August 17th

About 50 Head. A choice line of Scotch and Scotch Topped Cattle.

Several Herd Bulls, Pure Scotch, including Bruce Nonpareil and Sheridan. Aside from the 8 head of Cruickshank Narcissus family are such Cows as Imp. Daybreak's Princess, Lady Ann 16th, and other noted celebrities. Beef and milk have been my specialties and this is practically a dispersion sale,

hence the tops go. A goodly number of the Cows have Calves at foot. Others are bred to the very select Bull, Abbotsburn Marshall, a grand son of Young Abbotsburn and the world's champion cow, Mary Abbotsburn 7th.

THIS SALE WILL BE HELD THE DAY FOLLOWING THE FLYNN FARM SALE AT DES MOINES and is only 45 MILES FROM DES MOINES.

Catalogs mailed by addressing

WM. SMILEY, Malcom, Ia.

Col. Geo. P. Bellows, Auctioneer.

MENTION HOMESTEAD

TOO LATE TO CLASSIFY.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. These pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Ired Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

J. H. MICKEY & SON, - - OSCEOLA, IOWA.

"INDIVIDUAL EXCELLENCE" LYNDALDE SHORT-HORNS AND POLAND CHINAS

THE STANDARD LYNDALDE head Short-horn herd. 1906 sale and Champion of Lyndalde head Short-horn herd. Females are Victorins, Secrets, Butterflys, Lavenders, also a few Young Marys and Rose of Sharon. For sale a red Secret, a roan Queen of Beauty, a pure Bites and some nicely Scotch topped bulls ready for service.

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Visitors always welcome.

KING CITY, MO.

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HOME of S. E.'s Model IX 30996a, 114526u. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Prond Advance and Old Orion. Boar Sale Oct. 2. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address, **JOHN WRIGHTON, AUDUBON, IOWA.**

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BREEDER of Poland China swine of the most fashionable strains and popular families. 50 spring pigs of exceptional merit for sale at reasonable prices. Oxford Down rams from imported sire and dam will be priced right considering quality and breeding. Correspondence and inspection solicited.

BUDDY K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of full and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, ILL.

WELL READ Auctioneer, I will sell all breeds of cattle or hogs. I have been breeding pure bred hogs for years and am well posted on pedigrees. My knowledge of the pure bred business enables me to give able assistance. My former work representing live stock journal has given me inside on good of fairs. Prices reasonable. Col. R. Page, Friend, Neb.

Allen's Shropshire Rams and Short-horn Bulls
I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.
GEORGE ALLEN, LEXINGTON, NEB.

OAK VIEW

DUROCS.

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale one two-year-old and one yearling sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. Address,
J. COY ROACH, GIRARD, ILL.

FOR SALE

THE great Poland China boar O. R. Standard, No. 87959. O. R. Standard is sired by Mammoth Standard, No. 62591, dam Lady Lightfoot's Best 190008. This boar weighs about 700 pounds; one of the prize winners at the Iowa State Fair in 1904. He has a large bone and walks around like a pig. We also have two good boar pigs for sale, sired by O. R. Standard, March farrow, dam Hazel Perfection 95280. For further particulars, address,
R. A. WILEY & SON, MALCOM, IA.

ALFALFA MEADOW HERD OF DUROCS.
I HAVE some nice full gilts by Van's Perfection; 11571; some tried sows bred to Royal Prince 41911, that raised good litters last spring and are due to farrow in September, and a few full boars by Van's Perfection and Jumbo Chief 19899, for sale.
F. ALLDRITT, FRIEND, NEBRASKA.

FOR SALE.

30 CHOICE full Poland China boars sired by King Perfection 89209 and Model Perfection 94199 with good bone and length. Prices \$20 and \$25.
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Public Sale of Short-horns

TO BE HELD AT

Watsaka, Ill., Friday, August 24, 1906.

At which time I will offer for sale the entire herd of Scotch and Scotch-topped registered Short-horn cattle, purchased by me from *J. G. Withers*, of the Stony Creek Farm, Milford, Ill. The Marr bred bull, Rustler 242648, an International winner at head of herd. This offering consists of 60 head from the choicest Short-horn families, including 6 young bulls which will be ready for spring service. Sale will take place on above date regardless of weather. Watsaka is a town of 4,000 inhabitants, 80 miles south of Chicago on the Chicago & Eastern Illinois; 100 miles east of Peoria, on the T. P. & W. Ry., with plenty of good hotel accommodations. Bankable notes for six months at 7 per cent will be taken. Write for catalog.

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Model Herd
Chester Whites



WE NOW HAVE TO OFFER YOU
100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.
JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.
D. H. LEWIS, GENESIO, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium. 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R.R. 1, Napoleon, Ill.

KERR'S

O. I. C. 'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,
O. L. KERR, INDEPENDENCE, MO.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Mauneh Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.

BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,
J. L. BARBER, R. R. 3, HARLAN, IOWA.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the set of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All pigs are eligible to record in the O. I. C. Association. Write for our price on the set of Col. Cody, Crescent King, Keiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

HARDIN BROS.'
CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,
F. P. & J. J. Hardin, R. 6, Lima, O.

SANGAMON HERD O. I. C. SWINE
200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.
J. F. HALL, Mechanicsburg, Ill.

Rockford Herd Chester Whites and O. I. C.'s
A CHOICE lot of March pigs for sale ready to ship. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.
JNO. CRAMER, BEATRICE, NEB.

MY SPECIALTIES
CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers write for descriptions and prices.
N. A. RANCK, NOTA, ILLINOIS

SOME CHESTER WHITE BARGAINS.
10 FALL YEARLINGS, 100 FEBRUARY, March and April farrows ready to ship. Our herd hog weighs 900 pounds now. These pigs are of the best breeding strains that money would buy. We ship on approval. Prices right.
E. L. NAGLE & SON, Deep River, Iowa.

OUR spring crop of Chester Whites representing 5 families, good as there is in the U.S., although few in numbers, are extra good in quality. Up to Aug. 1, we will ship C.O.D. and prepay express. 12 fall gilts, bred, for sale.
W. M. Mercer, Prop., Aurora, Ill.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavily boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHOICE CHESTER WHITE MALE PIGS of April farrow from registered stock, R. I. Red poultry. M. A. Guinan, Webster City, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.
F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge Minstrel 8th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

Large Yorkshires

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Ad., Thomas H. Canfield, Lake Park, Minn.

CORN-BELT Yorkshires. I have been using mature breeding stock for years, and have size, quality and prolificacy. All sows in herd averaged better than 11 pigs per sow this spring. (Everything that does not come up to a high standard is unsexed.) Males and females not akin for sale. Some extra good Poland chinas for sale also. Jas. Atkinson, Des Moines, Ia.

Mack Stevens & Sons, Iowa City, Ia.
BREEDERS of Chester White swine. 85 early B spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

CHOICE CHESTER WHITE BOARS
FOR sale ready to ship. Also my herd header Gold Chief record No. 1297. Write me German or English. J. M. Janssen, P. O. Box 627, Sibley, Iowa.

KING B. HERD CHESTER WHITES.
70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices. F. Ruebush, Good Hope, Ill.

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A GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

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"THE auctioneer that makes good." Sales held anywhere. Write for dates; am booking them every day. Terms right. Phone 4115.

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THOROUGHLY acquainted with pedigree and individual merit. Write me before booking dates

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IOWA'S LIVE STOCK AUCTIONEERS.
Write before claiming dates.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

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PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Abernour 41201, Suggested of Cottage Grove 2d 18886, Lowlander 21880 and Newton Hero 46160, 40 choice bulls and some cows for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Danahy, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

10 Angus Bulls 10

For Sale

10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS, GREYSTONE PRIDES and other females by such sires as BLACK JAM 3D 30703, IMP. ABERLOUR 41201, BELL'S ECLIPSE 3D 57424, QUOQUE 46102, LEON ARTIST 33619.

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Address all communications to
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BLACKBIRD to the first prize yearling bull at the World's Fair heads the herd composed of the best families of the breed. We invite you to see them on Springdale Stock Farm joining this city.
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OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,
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CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH AND STANDARD BRED STALLIONS.

WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all the best in their class. Colors, all bays, blacks and dark grays. No old worn out pickings. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write

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Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

IIAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

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Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

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THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

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SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

FOR sale, 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilho & Van Patten, Creston, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

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DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159382. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won fifty prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including twenty-one firsts and ten sweepstakes.
L. G. SHAVER, KALONA, IOWA.

D. S. Polled Durham Bulls.

FOR SALE—4 dark-red blocky yearlings, at \$75 to \$100. One two-year-old herd bull, \$150. Cows and heifers bred or mated by side. Short-horn bulls 17 months old, \$75 to \$85. 2 miles northeast of city.
P. S. & S. Barr, Box 11, Davenport, Iowa.

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IF Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones. Pride, Queen Mother, Favorite, etc. Our herd bull, Front Blackcap 39446, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice 12-mo and heifers cheap. Twenty years breeders of Dobbies.

ALLEN BROS., NEW SHARON, IOWA.

FOR SALE

A BERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 59259 at head of herd. Can ship over three roads. Address,
JAMES SPIAR, STANWOOD, IOWA.

10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old. Will sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rotherie Queens, etc. Address,
JOHN E. GRIFFITH, WASHINGTON, IA.
(Mention Homestead.)

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number of growthy, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d.

Rosenfeld & Siverly, Kellew, Story Co., Iowa.

12 Head Aberdeen Angus Bulls For Sale

OF the Blackbird, K. Pride, Trojan Eric and Queen Mother families ready for service. Will be priced right. Herd headed by Prince of Pilsen 59249, weighing 2020 lbs. and as active as a cat, sired by Crane-wood Black Knight 39477, sold at the Miller sale for \$2,000. Address, WHITE BROS., PERRY, IOWA.

Pleasant Hill Herd of Aberdeen Angus.

STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275.
J. Nissen, Meservey, Cerro Gordo County, Iowa.

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Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd, Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is head of herd. Choice bred bulls, also some heifers and cows for sale at low prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C., M. & St. P. and Rock Island Ry. Address,
G. W. Sharp, Marble Rock, Iowa.

BERKSHIRE HOGS.

BERKSHIRE HOGS.

I HAVE winter and spring hogs of this breed for sale. Write your wants. I can suit you.
JOHN C. MILLER, Harlan, Iowa

T. J. CONGDON'S Winning Berkshires have won honors at the best shows. I am now offering some very choice pigs, sired by the great Charming Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I bred the large, rosy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

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EVERYWHERE to sell our large line of pure cereal foods. We give exclusive territory and make contracts for 1 to 5 years to suit conditions. You can make for \$25.00 to \$50.00 each week and can have territory enough to work in to keep you busy all the time. Write at once for full particulars and send your references.

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SPECIAL ANNUAL

Niagara Falls, N. Y., Excursion,
THURSDAY, AUGUST 16, 1906,
VIA
BIG FOUR ROUTE
New York Central Lines.

RATE \$8.50 for the round trip from Peoria. Return limit twelve days, including date of sale. Stop overs will be allowed on the return trip Westward, for side trip to Chautauqua Lake points. Tickets will be honored on C. & B. Line steamers in either direction between Cleveland and Buffalo. Side trips to Toronto, Thousand Islands, Montreal, etc. Special first train of first class coaches, standard and tourist sleepers, will leave 12:00 noon running through without change. For further particulars call on nearest Big Four agent or address
H. R. Daly, T. P. A., 325 Main St., Peoria, Ill.

DUROC JERSEY HOGS.

GOLDEN DUROCS
HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

SHELDON BROS.,

A NEW FIRM.
BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

OAK GROVE HERD DUROCS.
M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We can closely ship out nothing but good stock and guarantee descriptions of pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906.
Kindly mention Homestead when writing.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

PILOT LAD 15153.

QD prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.
L. H. Bryan, R. R. 1, Neponset, Ill.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springfield, Linn County, Iowa.

KRSCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

QUIRED by Wonder C. 32393 (half brother to Crimson Wonder), Lott's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.
W. J. WENDT, MARCUS, IOWA.

BARGAINS IN DUROC BRED SOWS

I HAVE several sows bred for September farrow. Two are two-year-olds and balance yearlings; in good condition, but not too fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address:
F. A. HAM, SARONVILLE, NEB.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others.
CHAS. VAN PATTEN, SUTTON, NEB.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Dad's Improver, Clifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Illegins's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.
W. J. East & Son, Clay Center, Neb.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 140580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.
J. D. McDERMOTT, ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.
C. F. Robey, Jesup, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address:
A. B. Easter & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

SURED by I Am Pottawatamie, a grandson of the great Nebraska Belle. Pericles and other noted boars. Our prices are always right. Write us. Address:
J. W. Reynolds & Son, Defiance, Iowa.

CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address:
W. J. S. Taylor, Humston, Iowa.

DUROC JERSEY HOGS

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address:

GEO. W. SECKMAN, RIPLEY, ILLINOIS.

Grand Valley Herd of Duroc Jerseys.

WILL have fifty head of Perfection Chief 28367 pigs and fall yearlings to sell after Sept. 1st, including Fancy Perfection 47967 and Perfection Chief Jr. 45827, the two best sons of Perfection Chief ever sired. Look for Pollock and the Perfection Chief herd at the fairs Iowa, Minnesota and Kansas City Royal.

D. J. POLLOCK, THAYER, IOWA.

CLOVER-WAVE DUROC JERSEYS.

SURES in service, Red Orion 23793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Pauline Queen II 86492, 1st Duroc Challenger 11163. We have 110 pigs mostly of Murch and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH, HAMBURG, IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

HICKORY HILL DUROCS.

A FEW extra good, full gilts bred to Double Track and Fashion Boy for summer farrow, for sale at reasonable prices.
E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.
FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.
Fred Schweizer, Elwood, Ill.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads of herd, 75 extra good spring pigs sired by him for sale at reasonable prices.
HARRY RIGGIN, PETERSBURG, ILL.

OAKWNOD DUROCS.
CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address:
G. T. ROGERS, PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's Last, Golden Rule, Veriest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.
WATT & FOUST, CEDARVILLE and XENIA, OHIO

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address:
GRANT WHITE, AFTON, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.
T. W. STONER & SON, HENRY, ILLINOIS

CRIMSON WONDER I AM

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Eds. Sow sale February 25. Inspection invited. 125 pigs. Write us.
W. A. STAPLES & SONS, GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. Stock reserved for public sale August 8.

J. D. NIDLINGER, DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

IS a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly indorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Congdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address:
THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

A SQUARE DEAL FOR ALL.

I HAVE a few Duroc fall boars left that will be priced right. Also recently bred spring pigs sired by such boars as Ohio Chief. A full brother to Crimson Wonder doing service. Red Chief I Am, Billy K., Red Reuben, Higgins Model. Will price right.
F. Alldritt, Friend, Nebraska.

GROWTHY DUROC fall males got by Neb.

Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

PIONEER HERD DUROCS.

ECHO King 13415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address:
Arch Brown & Sons, Waterloo, Nebraska.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles II, also one good yearling and one good fall boar. These are bargains if taken soon. Address:
Norrish & Bevington, Kingsley, Ia.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address:
W. A. RANKIN, CARSON, IA.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired.
K. Z. RUSSELL, BLAIR, NEB.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.
F. A. STRONG, ORIENT, IA.

DUROC JERSEY HOGS.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big I Am and Hambletonian, the two 800 lb. boars assisted by Proud Advance and Veriest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by big I Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free livery. Fall sale Oct. 26, bred sow sale Jan. 30, 1907.
Manlove Bros. & J. H. Norris, Bowen, Ill.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagnu, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.43.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kant-be-beat, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 16th.

JOHN M. MORRISON & SONS, COLLEGE VIEW, NEBRASKA.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MORRISON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address:
J. E. WEHR, PORTSMOUTH, IOWA

Shamrock Herd of Duroc Jerseys

OF Shamrock winning sires and dams. Have a few boars left and some sows and gilts.
F. M. ERSCHEN, Odell, Illinois.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgins's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.
HENRY G. WARREN, INLAND, NEB.

Minnesota's Prize Winning Duroc Jerseys

I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 109 pigs. Good ones. Write me your wants. Prices reasonable.
Wm. Malcolm, Bigelow, Minn.

CHOICE OHIO CHIEF PIGS

WE have a choice lot of pigs by Ohio Chief, Allx Advance (a son of Proud Advance), Iowa Lad, a grandson of Higgins's Model, and Brilliant Advance. We have the good ones. Write us at once.
A. L. & U. S. G. Lynch, Mt. Airy, Ia.

DON'T READ THIS

UNLESS interested in good pure bred Duroc swine or Barred Plymouth Rock chickens. Write your wants when on the market. Address:
Roy Stacy, - Rochelle, Ill.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address:
SMITH BROWN, Waterloo, Neb.

ROSE Hill Durocs. Good ones. 3 sows brought \$1,300. 130 pigs for season's trade, from 3 best boars of breed Jr. Jim, 1st prize last Neb. state fair, Arion winner Des Moines and Lincoln 3 yrs. in succession and Long Allx, litter bro. to Allx II. Size, bone, back, color my specialty. Visitors welcome. Phone 3 miles west of city. Austin Renshaw, Blair Neb.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sires. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale, a sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices.
H. B. GRIFFITHS, BOWEN, ILL.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

A SMALL HERD OF SHORT-HORNS FOR SALE

INCLUDING my Crickshaw herd bull, Red Bud 145102, and 10 or 12 cows and heifers. These are bargains if taken soon. Write me quick.
DELMAR McCANN, Kennard, Nebraska.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for this season's trade. I am now booking orders for future delivery. Address:
A. E. POUSH, - CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

GRANT HERD DUROC JERSEYS.

I AM now ready to book orders for delivery after September 1st. Carl Hansen, Hermau Neb.

DUROC JERSEY HOGS.

Wineland Duroc Jersey Spring Pig Offering.

Fort 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG, LINCOLN, NEB.

Thos. Bennett, Rossville, Ill.

Home again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

HANLEY 42345.
HEADS here. We have the blood of such sires as Top Notcher 20729, Keep On 11137331, Gem's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12845a, Choice Goods 22881, J. C. 38339, Buddy K. IV 20861, Indiana 20758, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40793, Suburban Chief 21847, out of The Lad for Me 10733a, Deaver 11689, J. B. J., Big I Am 29895. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.

MCNEIL BROTHERS, BOWEN, ILL.
100 CRIMSON WONDER DUROCS 100
I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles H. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

MAY & PORTER, REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

CLOVER Blossom herd of Durocs. Herd headed by I. J.'s Chief 12455a, 45747a first in aged class at Ind. State Fair 1905. Col. Perfection 16135a, 4575a for sale. Will make a good fall yearling show. Choice tried sows for sale bred to I. J.'s Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

FAIRVIEW DUROCS Am offering a few choice fall males and gilts. Write me if you want good ones nicely bred.

J. B. DAVIS, Fairview, Kansas.
50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd leaders. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$6 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERING, R. F. D. 7, Iowa City, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. S. J. Butts, Mason City, Iowa.

WELCH'S 75 CHOICE pigs from \$15.00 and up. **DUROCS I. C. WELCH, BEDFORD, IA.**

CHAMPION HAY PRESS
4 Horse Mounted Power or Gasoline Engine. 6 strokes of plunger to one round of horses. Side and end hitch. 2 to 3 tons per hour. Self feed. Automatic Block Dropper and Scale. Full line of belt power presses. **FAMOUS MFG. CO., 77 CHICAGO AVE., EAST CHICAGO, IND.**

POLAND CHINA HOGS.

CHOICE POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

WALKER'S POLAND CHINAS.
I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Moats' High Class Poland Chinas.
75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

HAMAKER'S large, roomy Poland pigs sired by Brilliant Chief and J.'s Chief, by Johnson's Chief. Can sell pigs not akin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan 18 by Logan Chief is the sire of some choice headers. King Do Do Jr., by King Do Do by Expansion is also sire in pig. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

POLAND CHINA HOGS.



MATCHLESS PERFECTION.

30 FALL BOARS 40 SPRING BOARS

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy and Correct I know. Write us at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.

THE JOE YOUNG HERD POLAND CHINAS.
25 FALL BOARS (Great big lusty fellows. Sired by Mass Chief, My Price, Matchless Perfection Jr., Oakland's Prospect, T. H. Tecumseh) **50 SPRING BOARS** (Matchless Perfection Jr., Oakland's Prospect, T. H. Tecumseh and Perfect, a grandson of Corrector. We can fill your order. Address,

YOUNG & DUNCAN, MADISON, NEBRASKA.

200 March Pigs. Highest Average on Polands in the State
WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo 1's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45
Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo 1's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE, IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

F. H. LONG, MANNING, IOWA.

BRIDGFORD & NESBITT, ALEDO, ILLINOIS.

WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrow which we will price at reasonable figures. Also a few extra good fall boars; strong, vigorous, heavy-boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

POLAND CHINA BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE, IOWA STATE COLLEGE, AMES, IOWA

PIONEER HERD POLAND CHINA SWINE
W. Z. SWALLOW, BOONEVILLE, IOWA, Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

45 ROYALLY BRED POLAND CHINA BOARS.
Sired by Robert J. 102827, and Keep Alert, by the great Prince Alert, and by Manager 102825, one of the best sows of the noted Meddler. These are A1 boars.

J. C. Hoag, Manson, Ia.

FOR SALE.

10 CHOICE old sows, bred to Iowa Perfection 102717 to farrow from July 20 to Sept. 10, will weigh from 300 to 500 pounds and heavy bone.

George Regennitter, Bennett, Iowa.

10 GOOD FALL BOARS
I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinsville, Illinois.

ESCHER'S BIG POLAND CHINAS.

WILL be ready about July 15 to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.

E. F. Escher, Manning, Iowa.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Do Do, and Blain's Tec. Everything guaranteed a breeder.

Robt. J. Peckham, Pawnee City, Neb.

Hamilton's Royally Bred Polands.
MY last sale averaged over \$50. My type is the hog-men's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.

L. W. Hamilton, Kearney, Neb.

Choice Lot of Spring Boars for Sale.
POLAND China pigs sired by Dude's Wonder by Nemo 1's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska. '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall.

Jno. J. Schmal, Sutton, Nebraska.

TRIGGS' Big Polands. My herd is headed by Major M. 31527, the great boar that has a combination of great size and quality, and has proven a great breeder. Both his sire and dam will weigh over 1,000 pounds. He also will weigh 1,000 pounds in show condition. When you want a good, growthy pig, write your wants. J. R. Triggs, Dawson, Neb.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

FOR SALE, some bred sows and gilts for August and September farrow, also early spring and fall boars all from leading strains. Good individuals with plenty of bone. These are bargains for anyone. Everything as represented. Priced so any farmer can safely buy them. Address, C. C. Drake & Son, Terre Haute, Illinois.

When writing please mention this paper.

HEREFORD CATTLE.

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Juva. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

W. L. Dodge, Hubbard, Neb.

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxley 4th The Grove 3d, Heald and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

Make Your Own Fence Posts

AND building blocks. Make them of cement and sand. Cheaper than wood. Will last forever. Make for your neighbors. Write for catalog of molds.

EQUITABLE SPECIALTY CO., 714 I. L. & T. Bldg., Des Moines, Ia.

SHORT-HORN CATTLE.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS, NEWTON and BAXTER, IOWA

GEO. BONEWELL, GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; 4 of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 4th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

Pike Timber Herds and Flocks

Short-horns, Shropshires, Poland-Chinas and R. C. Brown Leghorns.

T. A. DAVENPORT, Belmont, Ia.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231432, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 9975 by Chief Per. 2d 42539. Her brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle, 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

FOR SALE Conqueror Best 132910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Mairr Missile with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

LAMONT herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

Pleasant Dale Stock Farm.

Geo. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farm.

HEREFORD CATTLE.

CHOICE HEREFORD COWS AND HEIFERS FOR SALE.



Beau Brummell 4th 194318 at 10 months.

COWS bred to or have calves at foot by Beau Brummell 4th, the greatest herd bull in Iowa. Will make attractive prices to early buyers. 6 choice bull calves, herd leaders; will keep until weaned. Visitors will call at G. W. Way & Son's Hardware store in New Sharon where free conveyance will take them to farm. For particulars address, mentioning this paper.

G. W. WAY & SON, NEW SHARON, IOWA

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BULLS, heifers and young cows for sale. Prices low, try me. New 25 foot cattle dipping tank for sale.

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REGISTERED HEREFORDS.

RICH in blood from the best families of the breed. Twenty bulls and a number of heifers for sale. Fine individuals. Prices low. Inquire of A. Sewell & Son, Waverly, Iowa. R. H. Sewell, Manager.

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10 BULLS, 25 cows and heifers at bargain prices to quick purchasers.

Edmonds, Shade & Co., Kingsley, Iowa.

When writing please mention this paper.

SHORT-HORN CATTLE

Twenty-eighth Annual Sale Event

— AT THE —

WALNUT HILL BREEDING FARM

Thursday, August 16, 1906

Fifty head of females are listed from the most popular families of pure Scotch and pure Bates represented at Walnut Hill. Ten very choice young bulls, including herd headers of absolutely high individual merit, from both Bates and Scotch strains. In this offering is listed a very large proportion of early maturing, milk and beef Short-horns in the Scotch and Bates bred lines and it will without doubt be an event which must attract the more thoughtful Short-horn breeders.

The sale will be held at Walnut Hill Farm, where every possible comfort will be provided for our guests on sale day. Parties from a distance will be provided with free entertainment at the Wellington Hotel in Des Moines.

Catalogs containing all the pedigrees of the cattle to be sold, together with full information concerning the sale, will be mailed to applicants.

Col. F. M. Woods,
" Geo. P. Bellows,
" A. R. Guy,

Auctioneers.

FLYNN FARM COMPANY,
R. F. D. NO. 5, DES MOINES, IOWA.

SHORT-HORN CATTLE.

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IMP, First in the Ring and Choice of the Ring bulls in service. Special inducements to buyers of females. Some choice young bulls for sale. Correspondence solicited. Address,

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WE have seven head of choice bulls for sale. Two straight Scotch, five Cruickshank-topped. These bulls are from eight to fifteen months old. Solid reds, good individuals, big vigorous fellows. Will be priced cheap. Call on or address,

Ruebel Bros.,
Rockwell City, Iowa

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BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127282. Cattle are right; prices are right. Address as above mentioning The Homestead.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH BULL,
A 3 SCOTCH-TOPPED.

SHORT-HORN CATTLE.

CRESCENT STOCK FARM

NOW offers ten Short-horn bulls from eight to fifteen months old, Scotch and Scotch topped. Also twenty females, good useful cows and heifers. Inspection invited and reasonable prices on one or a carload.

A. L. STUTZMAN, NEW SHARON, IA.

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ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

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SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp Prince Oederic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

N. P. HALGREN, - VINTON, BENTON CO., IOWA.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret and a yearling bull by Baron Secret. These bulls are of unequaled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

HENRY MATERN, - LOSTANT, ILL.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the Imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

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Scotch and Scotch-topped Short-horn Bulls
TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAVIS & SON, HARRIS, IOWA

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good 1 yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, - Fairfax, Ia.

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I HAVE a choice lot of young bulls for sale of the Duchess of Gloster Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

Wildwood Short - Horns

ALL REDS AND DEHORND

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

SCOTCH and Scotch topped Short-horn herd bulls
S 1 2-year old Brawith Bud red bull, 1 yearling Wimple bull. Both herd headers. Will sell or exchange my herd bull Wimple Royal 241400. Best bull I have used. I have too many of his sisters to use to good advantage. Also 5 extra good Scotch topped bulls at farmer's price. M. D. Yard, Crawfordsville, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Illusionmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 131231 heads my herd. Five daughters of imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

SHORT-HORN CATTLE.

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WALNUT HILL HERD SHORT-HORN CATTLE

TWENTY-EIGHTH annual public sale will be held Thursday, August 16, 1906. Catalogue of young bulls for sale at private treaty now ready. It includes the pedigrees of our choice string of young bulls among which are many of the best for herd headers and farmers and ranchmen, that will be priced well within their values. City office in People's Savings Bank. Farm 8 miles northwest of city, Clive Station, on C. M. & St. P. Ry. Telephone 523. Address, Flynn Farm Company, Rural Route No. 5, Des Moines, Iowa.

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SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Monrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to head Sittytown Sort heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one topky youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

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ELM GROVE SHORT - HORNS

AND POLAND CHINAS. Lavender Viscount 2d heads our herd of Short-horns. A few choice Poland China fall males and girls for sale. Write your wants.

ISAAC NOVINGER & SONS, Kirksville, Mo

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm



VOL. LI. NO. 33.

DES MOINES, IOWA, AUGUST 16, 1906.

WHOLE NO. 2561.

CHANGING THE ENVIRONMENT OF BREEDING ANIMALS.

The following communication has been received from one of our Missouri subscribers:

"No doubt thousands of your readers enter the ranks of pure-bred stock breeders every year, and few of these have any idea of the difficulties that are likely to confront them. In most cases experience must be relied upon to teach the important lessons. Nevertheless I am a firm believer in education, and I know that by reading good papers and talking with well-informed men many a hard lesson may be easily learned.

"I desire to call the attention of beginners, especially, to the attention that animals should receive when their environment is changed. This was forced on my attention recently by some sales made by myself. I sold some Short-horn calves to go into another state and later had the opportunity of inspecting them. Previous to leaving my farm they were on pasture, though they had access to a comfortable shed both day and night. The bulk of their ration, however, was clover and blue grass. They also had been fed a mixture of corn, oats and bran, from the time they were able to eat.

"Imagine my surprise when I found these calves shut up in a small dry lot with nothing to eat but grain and dry hay. They had fallen off in flesh considerably and did not look nearly so thrifty as when they were taken off pasture. I made inquiry into conditions and the reason given for confining the calves in this way was that there was a shortage of fencing. It was the intention to get them out later on.

"Now, in my opinion, that is one of the best possible ways to produce non-breeders, and the treatment that animals are subjected to after leaving the breeder's hands is very often responsible for much of the kicking that is afterwards done. I think every man who buys an animal from another should inquire closely into the method employed in feeding and caring for that animal, and special pains should be taken to keep conditions as normal as possible. In any event the change will be abrupt, and it is just possible that the animal will fall off in

flesh during the first week or two, but if pains are taken to continue the ration that was formerly fed the old form may be soon restored.

"Avoid, above all things, putting an animal that has been accustomed to plenty of exercise and green feeds into a small dry lot or stall and feeding on dry foods."

There is considerable wholesome advice in the suggestions given by this subscriber. This doctrine applies to all classes of live stock, and, while special mention is made here of young beef animals, it is equally true when applied to hogs. The season is approaching when men are looking around for their young male pigs, and in view of this we call special attention to the importance of carrying the young animals along much in the same way as they were fed

previous to shipping. It is an easy matter to ruin any male animal even in a few weeks by suddenly changing the method of feed and general management. Even if breeding qualities are not impaired, they may be thrown out of condition so that growth is interfered with or the feet and legs permanently thrown out of form. If an animal has been closely confined and highly fed before shipping, one can make no mistake in giving the animal its liberty and supplying plenty of green feed, though of course the change in any case should be made gradually. But to change from succulent foods to dry grain suddenly is a mistake that few will make a second time, and it is hoped that some of those who read the above communication will be prevented from making the mistake even the first time.

Nearly all of these draws have a high-water level. The soil being already moist with deep water from higher levels cannot absorb the surface water when it rains, which then runs off with destructive force. The ditches if left to themselves are annually caving down, getting wider and deeper, encroaching farther and farther up the slopes, carrying the rich soil into the rivers.

We have resorted to a method that puts a stop to it by using tile and blue grass sod. The tile solves the difficulty that is always encountered in the use of straw, etc., making the land dry and capable of absorbing water. The use of tile alone will solve the problem, but as it requires such large tile to carry the storm water in times of a big flood, the blue grass sod is used in connection with it. A depression that can be crossed with any kind of machinery is left in grass, the width depending upon the amount of water. The tile carry water to their capacity. The surplus runs over the grass. In this way the draw never gets any deeper, but usually gets higher each year from the soil that lodges in the grass. It is usually advised to lay the tile on each side of the ditch. If the slough is a wide one and the ditch is not very deep it is the best way. We have one that has a line of six-inch tile on one side and a line of five-inch on the other, with branches running up the hillsides, and it works very satisfactorily. The ditch that was about two feet and a half deep was plowed in and filled half full. It now has a grass strip about a rod wide. The sides have a gentle slope and the strip is easily crossed with any kind of machinery.

In another case a ditch about twenty feet wide and six feet deep in a blue grass pasture was desired filled to make a corn field. A line of tile were put in the bottom usually a little to one side of the center and about two feet deep. The tile were covered with a foot of dirt and then hedge brush tramped in as tightly as possible, then a large amount of brush put in the main ditch. The banks were plowed down raising the center of the ditch and equalizing the conformity. On top of all, strips of blue grass sod three inches thick were laid in by hand to keep the center from washing out. In all ordinary times the tile keeps the land

The Problem of Soil Washing.

By George Steen.

Plowing land deep, thus making a reservoir in the soil to hold the water, has the effect of preventing the soil from washing. Hillsides that are plowed shallow have no storage capacity, consequently the water must run off and in doing so carries the soil along. The soil carried away is the best and what is left behind is the poorest. A large amount of humus in the soil gives more capacity for holding water. Decaying grass roots and manure absorb water, and it explains why the longer land is cropped and the older it gets the worse it washes.

In the great Mississippi valley it often rains in such great amounts that the soil is unable to absorb as fast as it falls. So it runs off, carrying plant food in solution and soil with it. The soil usually at some time of the year is in need of moisture. Anything we can do to retard the storm water and give the soil time to absorb it is within the province of good farming. A short crop rotation will undoubtedly keep the soil in better condition, capable of absorbing a large amount of water and not so easily washed as a field that is continuously in cultivation. Cultivating up

and down the slopes is a bad thing, and should be avoided when possible, especially when laying the corn by.

Sometimes there are small ditches on hillsides that wash out badly but do not usually need any tile. In such places as the land is plowed up strips of sod are left to prevent washing out. If the land is already plowed blue grass sod set in will prevent further trouble. It is one of the problems to prevent big ditches from washing. Corn stalks, brush, straw and manure have been used for this purpose and found wanting. In ditches and draws they serve their purpose for a year or two by collecting and holding the soil washed from higher ground. In the course of time the material rots, a big storm carries out the fill, together with the soil cultivated, and the ditch is washed out deeper and wider than before. I have seen ditches in fields filled with stalks and plowed over and covered with dirt. This being washed out the next spring the process is repeated several times until it can no longer be done, as all the black soil is washed away and the clay shows. It is now less productive and difficult to use machinery.



BIRD'S-EYE VIEW OF THE IOWA STATE FAIR GROUNDS—LOOKING WEST.

dry and will carry away any ordinary rain, the blue grass being only of use in times of big storms.

It is well to have a few catch basins to enable the surface water to reach the tile quicker. They are made of sewer pipe and a grating used to keep out the trash. Some make the mistake of laying their large tile too shallow. They should be in not less than four or five feet to give best results.

This seems to be the only solution of the ditch problem that is enduring. After the first expense, which is rather large, little attention will keep it in repair. About the only thing that needs to be done is to re-sod the whirlpools that sometimes get started.

HOMESTEAD FRIENDS AT STATE FAIR.

Present prospects indicate that the last week of August, 1906, will be a period of unusual significance. At that time will be held in Des Moines the annual state fair, and the preparations that have been made, together with the interest already shown by exhibitors, indicate that the event will be a record-breaking one.

In prosperous times like these the state fair is an annual event that interests all the people, notably those who reside on the farm. All cannot attend, it is true, but the sentiment found on every hand is such as to support the policy of maintaining a great annual exhibition. The remarkable degree of success attained in the past is due to the support that comes from the people, and it is believed that more liberal support than ever is forthcoming this year.

As in the past, The Homestead will be at home to its friends on the state fair grounds. Its booth, located on Newspaper Row, will be open to all comers. It may be made a most convenient meeting place for friend to meet friend. Indeed, we urge our readers to utilize our quarters to the greatest possible extent during the week. Packages will be checked free at all times and there will be those in attendance during the day who will constitute themselves a free bureau of information. If we can serve you in any way it will be no task, but a real pleasure to do so.

The Homestead offices and printing presses can be found at Third and Locust streets. The plant has been enlarged to three times its former capacity so that now it is regarded as one of the interesting sights of Des Moines. The large press on which The Homestead is printed is itself worthy of the time required to inspect it, and all are cordially invited to place this on their program of sight-seeing.

Although the fair begins on Friday, August 24th, yet the first three days are devoted to the installation of exhibits and the fair proper is open to visitors Monday morning, August 27th. With improved equipment on the grounds and with larger appropriations than ever for exhibits, the entire week will be filled with events of interest. We hope to see a large attendance and shall look anxiously forward to the pleasing task of helping our friends enjoy the week.

RYE AS A FERTILIZER.

A Wisconsin subscriber sends the following communication:

I would like to know if it will pay to sow rye this fall when it is the intention to plow it under next spring in preparing land for corn. When would be the best time to sow and when should it be plowed under? The land in this instance will not produce a very good crop of corn unless something of this kind is done, as it has been heavily cropped for ten years; otherwise it is well adapted for corn, being in part of light clay and in part of black loam.

Rye does not belong to that class of plants that has the power to take nitrogen from the atmosphere and store it in the soil. Nevertheless, it is a crop that may be used in a case of this kind to very great advantage. We would advise sowing it just as soon as the land can be prepared after a cereal crop is removed. The more growth that can be obtained this fall, the better it will be for the following crop.

The plowing under in the spring of a good growth of rye means the addition of humus to the surface soil. The leaves and roots upon their decay, furnish the vegetable acids which unite with the mineral elements of the soil and form plant food compounds. No doubt the soil referred to in this instance has been simply robbed of its vegetable matter, and if this is supplied it is altogether

likely that fairly satisfactory crops may be grown.

Regarding the time to plow the rye under in the spring it may be said that it is sometimes of advantage to leave the plowing as late as possible so as to encourage a large growth of rye, although we have known instances where men preferred to plow under their rye crop the first thing in the spring.

Of course it must be borne in mind that the use of a crop in this manner is only a means to an end. Such a soil as is here described must eventually be built up either by the use of legumes, which add nitrogen to the soil as well as vegetable matter, or farm yard manure, or both. To tide over a pinch, however, when one is anxious to make the soil produce in the immediate future, it is good farming to use rye in the manner described above.

A LIVE ISSUE.

Throughout states where sheep are kept there will be found the sheep destroying dog. Dogs are seen everywhere in both country and town. In various localities of some of our more eastern states the depredations done by dogs have been the means of driving many out of the industry. As the mining and manufacturing interests increase they seem to carry with them a horde of dogs which are not at all particular where they get their living, so a large share of it consists of mutton. Much of the mining country of the East is a natural sheep country, being rough, and it is a shame that a great industry has to be driven out by such factors.

Present dog laws where any exist do not abate the nuisance, neither do they furnish enough revenue to pay the losses. But there are signs of awakening on this subject and all who are interested in sheep should make it a point to let their members of legislatures know what is needed along this line. Kentucky has just enacted its first dog law. Ohio has just defeated one bill but has another one before its legislature that farmers should support. West Virginia is without a law and Pennsylvania has a law that is wholly inadequate. Iowa has a law that has proven a dead letter simply because it is impossible to execute it. We would like suggestions from sheep owners of what they would like to see as a solution of the dog nuisance.

The following are a few ideas of some of the laws and some suggestions of prospective laws: The Missouri statute is; "Sheep killing dogs, fate of—in every case where sheep or domestic animals are killed or maimed by dogs, the owner of such animals may recover against the owner or keeper of such dog or dogs the full amount of damages, and the owner shall forthwith kill such dog or dogs; and for every day he shall refuse or neglect to do so after notice, he shall pay and forfeit the sum of \$1 and it shall be lawful for any person to kill such dog or dogs."

The bill before the Ohio legislature last winter provides for the prompt payment of the dog tax, is a commendable one, and farmers should do all they can by letters and petitions to secure its adoption. It requires the assessors to demand the payment of the tax at the time of listment, and to give receipts therefor. If not paid, the same is reported to township trustees, or mayor, or board of public safety, who shall at once notify the delinquents, and if the tax is not paid within ten days the officials must see that the dogs are killed, the cost of destruction to be paid out of the dog tax fund.

In West Virginia the census shows more dogs than sheep, and it is proposed to tax dogs \$5 each and bitches \$10. Sheep breeders will do what they can to prevent a law converting this tax into the school fund as is proposed. There is a feeling in that state that there are too many foxes, wildcats, and other destructive animals to do away with dogs entirely.

At twenty-four out of twenty-five farmers' institutes held in Ohio last winter it was the consensus of opinion that depredations by dogs were responsible for many going out of the sheep business. One speaker in that state "would have the dog taxed out of existence." At such institutes we gather the following individual opinions about sheep and dogs: "Sheep killing dogs seem to lack judgment, as they do not kill the old and worthless sheep, but usually take the best." Another speaker says: "There are entirely too many dogs in



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BOYLES BUSINESS COLLEGE, OMAHA.

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Largest Commercial School and Institute of Shorthand and Telegraphy west of the Mississippi river. Owns and occupies entire building. Graduates assisted to positions. Students may work for board.

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the country," and in the next breath says, "but a farmer needs one dog." One Ohio man makes a dog trap which catches the culprits and they are soon sent to a dog heaven, wherever that is; at any rate, they will not disturb any sheep. This trap is made by providing a lot with fence so constructed that the dogs can jump in, but not out.

The dog nuisance is a hard one to down. The writer is a law abiding citizen, but he takes care of his flock as seemeth best to him. He has a dog proof lot where his sheep are kept. Next to that lot is a lot with a dog guard on the inside. Dogs once in there seldom go home. No poison is used. A gun is indispensable in the sheep business. The right hand should not know when a dog is killed. It is not necessary to advertise that a dog has been sent to the happy hunting ground. It may be necessary to keep dogs, but they should be kept where they belong. The writer owns no dog and is not compelled to distinguish "which dog" when he looks through the sights of his gun.

FALL SOWING OF GRASS SEEDS.

The following communication has been received from one of our subscribers, Mr. W. M. Anderson, of Boone county, Iowa:

I desire to seed down some land this fall, using an oat stubble for the purpose. Will it be necessary to plow the soil or will it be enough to simply disk it before sowing the seed? What would you advise sowing and when would you sow it, it being the intention to use it for hay next year?

The seeding down of land in the fall in the corn belt is not always a success, though in the southern half of it the practice of sowing in the fall is, if anything, increasing.

We would advise the plowing of the stubble lightly; not more than three or

four inches. It should then be thoroughly worked down with the harrow so as to make the seed bed fine. With the rainfall that has prevailed throughout the central West during the last few weeks we are of the opinion that plowing will not be a difficult task, and furthermore that the soil will not be lumpy. Use the harrow from time to time in order to conserve the moisture and also to fit the surface for the reception of the seed.

A mixture of clover and timothy may be sown, though we hesitate to advise anyone to sow clover in the fall, because there is about an even chance that it will be winter killed. The timothy, however, is more hardy and we have known many instances where it has been seeded in the fall and the clover sown in the early spring.

We again give it as our opinion that it would be better to let the seeding go over until spring and use such crops as millet or a mixture of oats and peas for hay purposes next year.

BERKSHIRE BREEDERS' MEETING.

The Berkshire breeders of Iowa will hold a meeting on the state fair grounds during the week of the Iowa State Fair, at 10 o'clock, on Wednesday, August 29, the meeting place being the swine pavilion. Mr. Geo. S. Prine, secretary of the Berkshire association, calls our attention to the fact that there are a number of interesting matters to come up at this meeting, and he is exceedingly anxious to see a large attendance present.

If you have not read this chapter of the continued story by the Litchfield Mfg. Co., you had better not read it unless you are interested in a manure spreader.

Farm Furrows

Turned by a Practical Farmer.

Diamonds have never appealed to me, but if farmers' daughters desire to wear them, they certainly have the right to do so.

We often hear people say that pork is not healthy and that some other meat should be substituted for it, but it goes slowly.

When a man speaks of the short hog crop that is evidently in sight it is well to designate that he means the four-footed crop.

I am one who believes that the world is getting better, but I realize that it takes a great deal of hard work to keep up the improvement.

If some of the quack nostrums of the country could be as thoroughly investigated as were the packing houses, there would be reason for rejoicing.

Bad roads are unprofitable. They put a farmer out of business and make nothing for any man. Who is responsible for a bad condition of the roads?

A friend asks me if he should invest in a patent right. I would advise no man to invest in a patent right. The value of all patents is problematical.

I am still of the opinion that infinitely more meat should be eaten near where it has been produced. In our anxiety to do well, we often lose sight of this fact.

A man asked me what would be a good kind of a badge to get for farmers. I think several ears on the inside of a man's hand would be the best badge of membership.

Every farmer is entitled to an outing, and but few will meet with loss if they arrange to attend their state fair, where an outing can be obtained with a business tinge to it. See your state fair at all hazards.

Sleeping and dining ears have been provided by railroads which have become a necessity rather than a luxury. Now some railroads propose to put on theater ears.

I never tumbled to the word "grub in the head," until recently, although I have been in the sheep business all my life. It means at dinner time when a man goes to take his dinner.

Squirrel tail grass that is so perniciously spreading all over roadsides, in meadows and other places should have war made on it. It does mischief to the mouths of animals eating it.

It always pays to haul out manure on the farm, and it usually pays better to do that work about this time of the year. A manure spreader will be found a most excellent implement on the up-to-date farm.

Signor Liberati with his grand military band, of New York, and his famous soloists, will furnish the high-class music for the state fair at Des Moines. His opening concert will be on Sunday eve-

ning, August 26. The 56th regiment band, U. S. G., of Fort Dodge, will also supply music. All music lovers will appreciate the fine series of concerts.

All sorts of excursion rates are given people at this season of the year to visit places of interest to them. There is no talk about giving the well-fatted steers excursion rates to visit a packing house in some distant market.

When I was a boy, no farmer would stack grain unless he had a stack bottom made of rails. In my farm experience I never had a stack bottom. I don't believe it necessary if proper drainage is given the stack yard.

At the end of the growth of any plant is the time to kill it. In the month of August more weeds and undesirable plants can be killed than in any other month of the year. This applies to briars, bushes, willows, etc.

Word has been sent out by someone who professes to know that weeds are crop-robbers and not soil-robbers. This will be comforting to the farmers who come on the stage of action after the present generation has passed.

Some of the organizations of farmers who would regulate the prices of farm products have just come up to the problem that in some things, such as wheat, there exists a world's competition which they are powerless to regulate.

It has been stated that prosperity is so pronounced in Nebraska that the farm girls wear diamond rings and recently a cow was slaughtered to get a diamond which she had accidentally eaten while being fed by a diamond-ringed lassie of that state.

Book farming is all right, but not always do we find the book farmer right. It is well enough to know the rules of practical agriculture and it is all right to put them to practice, but we often see people who are in practice and they do better than others.

The man who lives near a large city is not coming up to his possibilities if he does not cater to the best markets near his home. There are many farm products the city people would like to have which he could furnish. This is a trade that it pays to cater to.

The wheat producer is told in one paper that it will be best for him to hold his crop for better prices. In another paper equally as reliable he is told that "every decline of one cent per bushel on wheat puts it near the export price, and it is the price abroad that must determine crop values as long as we have a surplus." In the multitude of such counsels it will stand the wheat-grower in hand to "know where he is at."

Entries already made and space secured indicate that the live stock show of the Iowa State Fair, August 24 to 31, will this year surpass in every respect its predecessors and sustain the reputation of Iowa State Fair as unrivaled. All leading breeders will be represented, all the new things and novelties will be seen, the choicest herds and flocks and the greatest prize winners. There will be complete exhibits in dairy, fruit,

THE NEW MOLINE THE IRONCLAD WAGON!!

Five hundred men, masters of the wagon-maker's craft, put the best efforts of their hands and brains into the making of New Moline Wagons.

With its gearing of select Hickory and tough White Oak and its box with Yellow Pine Bottom, grooved and matched, the New Moline Wagon has a foundation that will last for years.

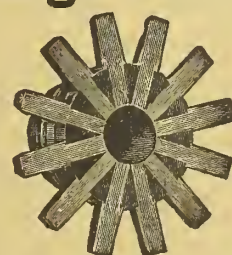


It's so strongly reinforced with extra heavy iron throughout, that farmers call it the "Ironclad" Wagon.

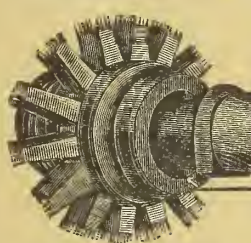
Pole, doubletrees, singletrees, gearing and box are so thoroughly protected and strongly braced with heavy ironing that its solidity and durability defy the test of time.

Its dust-proof skeins keep out every particle of dust and dirt.

Lightest Running Wagon in the World



Section Hub and Spokes. Practically One Solid Piece.



Note Dust-Proof Skein.

The New Moline is built right, from the ground up. It's a light-running Wagon, and the longer you use it the better you'll like it, for it's got more up-to-date features, and gives more years of satisfactory service than any ordinary wagon. We've been perfecting this wagon since 1854.

We fully guarantee every New Moline Wagon that leaves our works.

The demand for New Molines is enormous—taxing the full capacity of our immense factories.

GET THIS BOOK! We want every farmer to have a copy of our wonderful Wagon Book. It don't make any difference whether you are thinking of buying, or not—send for it anyway! It tells just how the genuine "Ironclad" Wagons are made. Shows all the parts SEPARATELY; and you can SEE how they are IRONED and BRACED and DOUBLY REINFORCED, making THE NEW MOLINE the most durable as well as the lightest-running wagon on earth. The book tells you more about a wagon than any other Wagon Book in existence. It is FREE, postage prepaid by us.

MOLINE WAGON COMPANY

MOLINE, ILL.

flowers, agricultural products and machinery.

The toad is a garden policeman. Seventy-seven per cent of his diet is composed of insects and the remainder consists of spiders and worms of all kinds. The toad is in a position to capture his "daily bread" with his tongue. In this respect he is like some who get their living by talking. A toad should be a welcome guest in a garden or flower bed.

The aerial flight of the Knabenshue airship at the state fair will be as sensational as the exhibitions of the same wonderful craft in New York and Washington and at the Portland exposition. It will be a practical demonstration of safe navigation of the air by the only successful airshipping expert in the

world. The initial exhibition will be given on Monday of fair week.

Water in the house will wash away all sorts of discord and unhappiness. There are many places where the water from neighboring springs can be brought to the house. Others will have to raise it by wind power. At any rate let it be brought to the house.

Once upon a time some of my neighbors elected me road supervisor "just for fun," but it did not prove to be so much fun when I made my neighbors work—actually work out their road taxes. Every man put in all the work the law would allow. I was not re-elected.

Sheep feeders are looking about for feeding lambs, and it is safe to guess that the six-cent feeding lambs, if there are any, will be grabbed as quickly as a wolf would a weakling lamb. There is money in sheep, but some "know how" will be required in getting it out.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized home-seeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

INCREASE YOUR INCOME.

Opportunities in all lines of business in new and growing towns in Iowa, Illinois, Missouri and Minnesota along the line of the Chicago Great Western Railway. Write to Industrial Department, C. G. W. Ry., St. Paul, Minn., for "Town Talk" and county map.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

NEW ENGLAND AND CANADIAN POINTS.

The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

Write Today For Free Sample

CONGO ROOFING

There's no question about its good qualities.

Could anything be better than a rubber roof? Well, Congo does everything that rubber does, and outwears it ten times over.

Write for name of nearest agent and free sample.

Buchanan-Foster Co.,
44 Chestnut Street,
Philadelphia, Pa.

Free
Sample
On
Request



This is one of the best sons of the great Nemo L's Dude. He will be shown at the Nebraska State Fair this fall. He now heads the good herd owned by Mr. Jno. Schmal, of Sutton, Neb. See page 26 for advertisement.

THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

PREVALENCE OF HOG CHOLERA OR SWINE PLAGUE.

Information has reached us from different parts of the corn belt indicating that there is considerable hog cholera and swine plague in the central West. In one case a writer states that 200 young pigs and about twenty-five sows were swept away by one of these diseases in but a few days. In localities where these diseases are breaking out many are shipping their pigs and hogs to market whether they are fat or not.

These diseases run their course so rapidly that the fight must be made against their introduction. While it is true that here and there individuals are found who have had success in preventing the spread of these diseases in herds, yet it is a fact that up to date the department of agriculture has little to recommend for their cure and only emphasizes the use of preventive measures.

The list of precautions that should be taken have become almost stereotyped, so frequently are they repeated in bulletins and in such instructions as are given by our experiment station workers. Boiled down to their simplest form, they may be stated briefly as follows: Do not feed any of the hogs on the farm very heavily during the warm months, when there is cholera in the neighborhood. It is much better to delay the matter of bringing them to maturity than to run the risk of heating their blood. Pigs now weighing from fifty to one hundred pounds, if they have access to reasonably good pasture, will get along very nicely with one pound of grain per head daily in conjunction with the pasture. In most cases this grain will necessarily be corn, though it would be a little better if mill feeds could be used. We are not afraid, however, of this small amount of corn, and believe that it is perfectly safe when there is plenty of pasture. Of course as the hogs get heavier, it will be necessary to gradually increase this amount, otherwise they may get a little thin.

The use of a good coal tar product for disinfecting purposes is absolutely essential. A few dollars invested in a good dip may save hundreds of dollars.

LIGHTNING STOPPED

FROM burning out phones or houses or shocking people during thunderstorms by the J. W. Pedigo Lightning Arrestor. It disconnects your house and phone from outside wires. So safe and simple a child can operate it. Easy to install. Cuts and circulars free. Agents wanted.

J. W. PEDIGO,
LUCAS, IOWA.
MUSGRAVE U. S. STANDARD FARM SCALES.

HAVE stood the test for 25 years. Absolutely GUARANTEED. Prices the lowest, consistent with quality. We send them anywhere on trial. Write TODAY.

THE MUSGRAVE CO., DES MOINES, IA.

worth of hogs. Wallows should be disinfected every few weeks, and it is an excellent plan to use a little of the dip around the feed troughs. It takes but little time once a week to wash out the troughs with a dilute solution of coal tar product. Where slops are used, a little of it in the slop will practically amount to the same thing, and the dips are in no wise harmful to hogs, and on the other hand we have always considered them beneficial. Dipping or spraying hogs, in addition to general cleanliness, cannot be too highly recommended. Where one has a spray pump it is an easy matter to call the hogs into small quarters with a little feed, close the door and turn on a spray pump, using a dilute solution.

It is well to leave them in the shade some little time after they are sprayed, for fear that the hot sun may irritate the skin. There is no danger after the hair has dried. Where they can be run through a dipping tank, this is possibly the ideal method.

Some breeders have never resorted to the use of such substances as charcoal, and yet have never had disease on their farms. However, we believe that as these substances are inexpensive, their use is advisable in some instances. Copper sulphate in small quantities put into the slop two or three times a week has a desirable effect by way of keeping the digestive system in order. We say "small quantities," because it is almost impossible to get hogs to eat their feed if large amounts are used, as the compound is exceedingly bitter. An old five-gallon dip-can may be kept near the swill barrel and eight or ten pounds of copper sulphate placed in it. Keep the can filled with water, and as the solution is used from time to time, refill with water. In this way it is handy and will be much more apt to be used than if one has to go to the trouble to dissolve it from time to time.

Where plenty of corn cobs are available on the farm, these may be piled up and burned without much labor. When they are nicely charred, cool the pile off by applying plenty of water. We have always liked the practice of adding a little salt and copper sulphate to the water that is used in quenching the fire. Let the hogs have access to the charcoal at will.

Of course it is unnecessary to say that good, clean drinking water is essential at all times. Unless there is a running spring in the hog lot, we believe that it will pay every man to have plenty of drinking fountains, as these are easily cleaned, and in any event they are difficult to contaminate. By attaching them to barrels or tanks the problem of watering hogs is greatly simplified.

Kansas Weather and Crops.

To the Editor of The Homestead:

This is the ending of the first ten days in the month, when several of our venerable weather prophets said we were going to have a "prolonged drouth," and of course it has been raining just a little more than usual on account of it. The rains have come more in the nature of showers, yet there is no spot in this locality they have not reached. It rained a little the last of last week, gave us quite a wetting on Monday, and yesterday forenoon it gave us some more.

This is not the kind of weather when it is safe to cut down much prairie grass, but it is great on the corn. In reality, the bulk of the corn crop of Kansas is now made to a certainty. Even the man who chronically wants "one more rain" will admit this. Ears in the earlier planted fields hang down from the stalk like clubs, and there are a plenty of them, too. On top of her ninety million bushels of wheat, Kansas is going to raise an eye-opening crop of corn. Taking the state all over, from East to West and from North to South, this has been a great year for Kansas. There is an abundance of everything. No crop is even a failure, or even a partial failure.

The fruit crop is simply greater than there is a demand for. In every orchard apples are rotting under the trees. There is no sale for them, as everyone has plenty of the fruit without buying, or, in case of the town folks, their friends on the farm give them all they can use. Peaches are very much the same. All the women-folks talk about nowdays is canning. Every cellar will be filled to the roof with canned fruit by cold weather, if the pace keeps up.

Even the potato crop is a great one. The quality is perfect, while the quan-

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The Oldest and Best Known Agricultural Weekly Paper in the West.

The Journal of Agriculture

Established 1866.

THE JOURNAL OF AGRICULTURE is a weekly journal that every farmer, every gardener, every stock raiser, every man and woman interested in poultry or the products of the soil, will need and read from cover to cover. No dry rot, no long-winded articles by city farmers who do not know the difference between a "pumpkin tree" and "watermelon bush," but short, meaty, interesting, useful, reliable and seasonable matter in all departments throughout. Besides well written stories of fiction, travel and adventure, current news in condensed form, handsome illustrations, timely cartoons, terse comment on live topics, wit and humor, it contains departments concerning the care and handling of all kinds of farm stock, floriculture and gardening, cooking, hints about the house, veterinary department, poultry, dairying, bees, young people's department, correspondence columns and the LATEST ACCURATE MARKET REPORTS giving the prices of Live Stock, Grain, Seeds, Vegetables and Produce in the leading markets, thus keeping its readers well posted as to what their products are worth and enabling them to get the top price for them.

To introduce THE JOURNAL OF AGRICULTURE into thousands of new homes, we will send it every week for **TEN WEEKS FOR 10c.** Address **Journal of Agriculture, 19 Journal Bldg., St. Louis, Mo.**

Wright and His Stock Feeders Will Be At Iowa State Fair

WITH A FULL LINE OF

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Wright's Sheep Feeders

I will also have my herd

of Duroc Jerseys

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C. A. WRIGHT, MFR., - - - ROSENDALE, MO.

Location: I will be in the big tent, just east of Hog Barn No. 14; Duroc Jersey Dept., between the hog barn and the windmill.

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and will as long as the price of material will allow me to do so. This price includes the right to make others for your own use. What better investment could you make? Don't delay, but buy a Feeder while you are attending the fair. Now's the time when you need the Feeder most. If you want to know more about it first, my booklet will give the information. Be sure to call around and see my exhibit, and make my place your headquarters.



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SEE WHAT IT MEANS—A REGULAR \$18.00 HARNESS FOR ONLY..... **\$10.97**



ST. JOSEPH HARNESS CO., BOX 97, Ref. St. Joseph Bank. **St. Joseph, Ill.**

BINDER TWINE

FOR CORN HARVEST
AUGUST POST,
MOULTON, IOWA.

tity is immense. There will be potatoes to feed to the hogs in this part of the state this year. All garden stuff is more than plenty—it is wasting in the gardens. The Kansas horn of plenty is big at both ends this year.

Though warm between the showers, the ground plows easily, and more and more blackened fields appear as the days go by. Every farmer is getting some ground ready for wheat. This and the countless chores always to be done on any well-regulated farm furnish the work of today. Corn prices still linger around the forty-cent mark, in spite of the crop in sight, while wheat keeps at the sixty-cent figure, a price that is too low for the quality of grain Kansas has this year. Henry Hatch.

Coffey Co., Kan., Aug. 10, 1906.

On page 9 we publish a large picture of the Omaha Commercial College. This school was founded by Messrs. Robrough Bros. in 1884. Under their direction it has grown and prospered. Its new building is a very large and attractive structure containing ample facilities for a very large number of pupils. In addition it has a beautiful auditorium used for entertainments, school gatherings, etc., also a society hall and a fine gymnasium. Pupils from twenty-seven states and territories attended this school last year. A much larger enrolment is expected this year. See page 5 for advertisement.

MAKE A SUCCESS OF YOUR TALENTS.

The opportunity of your life is awaiting in the new towns on the Chicago Great Western Railway. Openings in nearly all lines of business. Write today to E. B. Magill, Mgr., Townsite Department, Omaha, for full information and copy of "Town Talk."

LAKE AND RAIL TRIPS.

During the summer months the Chicago Great Western Railway sells tickets via all steamship lines on Great Lakes in connection with their line to Chicago, or St. Paul and

IT NEVER FAILS

The test of years has proved that Spavin can always be cured by the application of

DEAN'S

Magnetic Sweat Ointment

It quickly removes all bunches or blemishes from Horses or Cattle and makes cauterizing or firing unnecessary. Spavin, Ringbone, Curb, Splints, Puffs and all unnatural enlargements quickly succumb to this powerful remedy. It neutralizes all acid poisons and sweats them out of the system through the diseased parts, and you can work your horse while using it, without any bad effect.

Most druggists sell

Dean's Magnetic Sweat Ointment

If yours does not we will send you a bottle prepaid with full directions, on receipt of 50c in stamps or money.

OLNEY & McDAID,

Sole Manufacturers.

114 Sixth Ave., Clinton, Iowa.

Duluth. From this time until September is the time to sail the lakes and see Duluth, Superior, Isle Royale, the Copper Range, Sault Ste Marie, Mackinac Island, Detroit, Toledo, Cleveland, Erie, Buffalo, Niagara Falls and other points of interest. Call or write for full information. E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

THE BOY ON THE FARM.

BY A. G. KLINKNER.

With unmistakable emphasis the future and common sense are pointing a warning finger at the boy who is leaving the farm to go to the city. There are grave reasons why discerning men and women are counseling the boy—that is, the average boy—to stay on the farm, and these reasons spring not so much from a desire to doom the boy to thralldom or a life of the common-place, but from a healthy instinct that sees in the city a sort of Babylonish captivity.

Many farmer boys are inclined to think that the farm is no place for them. They falsely presume that they are less fortunate than city boys because they can not accumulate that acme of foppishness, which is heartily despised by every true person. They long for the idle luxury of the thoroughfare and the park, little aware that all the luxury of a life in the city is synonymous with languor, and an utter feeling of uncomfortable satiety. Through "rose-colored" glasses the farmer boy views life in the city, imagines it is always a picnic and that existence is a honeyed dream. How futile his visions! Could he look with "honest eyes" upon the less brighter side of city life he would not so lightly exchange his farm home for the uncertain favors of the metropolis. There is so much misery and uncertain success, so much misfortune, and so really little that is truly beautiful and noble.

A boy on the farm has really much to be thankful for. The city may have its treasures of art, but even if he journeyed to Europe and saw the greatest paintings by Angelo, Raphael or Rubens, he would see nothing to be compared with what he may see in his own farm home surroundings. There he can see the lilies painted by the greatest of all artists, whose breath of perfume the canvas cannot contain, hear the music of the birds in the theater of nature, the sweetest singers that live. He is surrounded by the best and truest impulses and here he will bring forth the noblest elements of a truly beautiful and well ordered life.

Boys should remember that in the city, competition in every line is sharp, and often it is necessary to be unscrupulous to rise; therefore boys who have a good farm home should remain on the farm until their character is formed. Emerson tells us that character is nature in its highest form. We can therefore readily see that a boy on the farm can lead a more regular and natural life than boys in the city, where the pitfalls are innumerable, and where vice rears its ugly head to spoil his life in the very flower of manhood.

The farm in its homely setting has always furnished the rugged characters who "shaped the rude outlines of the world." The farm home has nourished in her spotless bosom the prophets and saviors of the world. A boy on the farm, if he can only be made to realize it, lives in a veritable heaven. Living

close to nature he is living close to God.

The world will come to the farm home for you, farmer boy. It will discover your talent and reward your genius. It is time enough for you to come to the city when you have to. Don't make the mistake of leaving the farm home and compromising your future happiness for the prodigal son's husks which were intended for the swine.

Home on the farm is the best place for the average farmer boy. There is where the sun of human love, radiating from your parents' and brothers' and sisters' hearts shines warm upon you, and where is typified the most sacred emblem of human devotion. Mark well that "ambition is a glorious cheat," that its reward is, "praise—when the ear has grown too dull to hear; gold—when the senses it should please are dead; wreaths—when the hair they cover has grown gray; fame—when the heart it should have thrilled is dumb; all things but love—when love is all we want."

Don't leave the old farm home, boys! In the days that are to come you will often wish yourself back in the peaceful haven of its quiet retreat; you would eagerly exchange all your triumphs and heartaches for its waiting embrace—but it will be too late.

Boys, remain on the farm.

The Cherry Slug.

To the Editor of The Homestead:

Within the last few days the cherry slug has made its appearance in a number of orchards, and while heretofore it has not been a dangerous enemy, this year the numbers are so great that many trees have been defoliated and much damage is likely to follow. Moreover, this is an insect which usually produces two broods each season and if the second is yet to come, as is quite probable, protective measures are imperative in many instances, else not only the next crop, but the life of the trees will be the consequence.

The cherry slug comes from an egg which is laid by a four-winged fly. The slug or larvae is dark green, about half an inch long and large at the head, tapering toward the tail something like a tadpole. After eating about two weeks the larvae drop to the ground and bury themselves for a time, emerging in the adult or winged form and lay the eggs for the second brood.

As each female lays several hundred eggs, the second brood will naturally be much larger than the first. This insect is very easily destroyed with poison. There are two reasons for this. It is a greedy eater, devouring everything in reach, and is so sluggish that it will not move as long as there is food within reach. Hence if there is any poison near it, it is sure to get a fatal dose. The proper remedy is lead arsenate, the formula for which is as follows:

Arsenate of soda 5 ounces
Sugar of lead 12 ounces
Water 50 gallons

Dissolve the soda and lead separately in a little hot water in earthen vessels. Mix, stir thoroughly and add fifty gallons of water. One spraying is usually sufficient, but if more worms appear a second may be necessary.

Paris green is also effective. The following is a good formula:

Paris green 4 ounces
Fresh lime 4 pounds
Water 50 gallons

Work the Paris green into a pulp with a little water. Slack the lime and strain into the water. Then add to the water and lime and stir thoroughly.

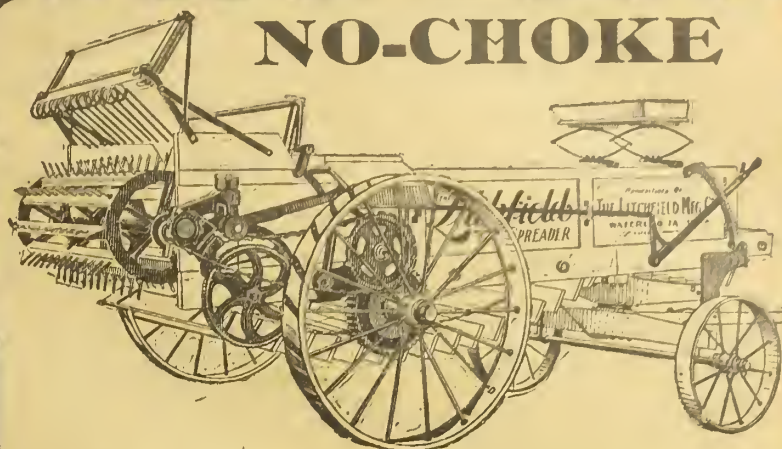
A dust spray for this insect is made as follows:

Air slacked lime 4 pounds
Paris green 4 ounces

Mix well and dust over the affected trees. Care should be exercised not to inhale the dust. Franklin Brown.

Polk county, Iowa.

Let no man labor under the delusion that a dozen hens will make him rich, for they will not do it. It would require several hundred to make him rich, and even then they will require the best of treatment and management. It is safe to say that the ordinary farm flock is not brought up to its possibilities.



Litchfield Endless Conveyor.

IT has been almost universally conceded that an endless conveyor is the most practical kind for a manure spreader and is an ideal form of construction, if the troubles due to clogging up with certain kinds of material in severe cold weather could be overcome. This is even admitted by our competition.

Therefore, to prove absolutely that the Litchfield Manure Spreader is superior to every other machine on the market in this particular part, we have only to prove that the Litchfield automatic self-cleaning swinging section conveyor is the only non-clogging conveyor manufactured.

As evidence to our readers that the Litchfield fully controls the no-choke conveyor we refer to the records of the patent office which will verify our statements. It is easy for anyone to understand why other spreader interests will attempt to throw "cold water" on the growing popularity of the no-choke endless conveyor. It is always a hard struggle for any individual and radical improvement to gain a foothold where competition, by being cut out from the use of this improvement, is continually arguing against it.

We therefore say to our readers: Do not let the arguments against the endless conveyor, that are commonly offered by interests manufacturing the other kind, mislead you. All the arguments that are put up against the endless conveyor do not hold good in any way when it comes to applying them to the Litchfield No-choke Endless Conveyor.

See the machine. See it work and judge for yourself. Investigate the style of construction and the manner in which this conveyor is put into the machine and the way it works and use your own judgment.

We hope no customer will buy a Litchfield Spreader simply because we, or any of our agents, say it is the best. What we want is investigation. All we want is a fair chance and we will show you that the Litchfield Spreader is not anywhere near duplicated by any other make of machine being manufactured in the United States, or elsewhere, today. Time is telling the story very fast and sure. Write us and watch this space next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA



Omaha Commercial College

FREE Our Beautiful Souvenir Catalogue. Besides information concerning the school, it contains many half-tone engravings of the kind you would like to keep—among them is the best bird's-eye view of Omaha ever published.

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GET RID OF YOUR STOVES.

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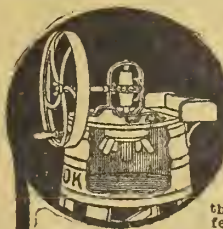
Are you going to be comfortable with a furnace, when you read, or roast your head and freeze your feet beside a stove? Get a

GREEN FURNACE

and put it in your cellar out of the way. You save the dirt in your rooms, and get the space which your stoves now occupy. As simple to operate as a stove. Used in 2300 Des Moines homes, and more going in every day. Economical in the use of coal, will last almost a life time if properly cared for, have large ash pits and long smoke travel. Don't buy something that will make you want to swear every day for ten years, get the kind that satisfies.

Send us your name to-day, also the name of your dealer. We will tell you how and where to get a GREEN FURNACE and tell you all about it. Address

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The Easy Way

A child of ten can run an O.K. washer, standing or sitting, and do the work right. It is just simplicity itself. No complicated and expensive parts like machines that squeeze, pound and force water through the clothes. Fly wheel turns either right or left—pin wheel reverses automatically. Clothes are turned back and forth through the hot

suds, dirt is dissolved and they are cleaned thoroughly and perfectly and quickly.

O.K. washers are sold on their merits alone. We make no "free" offers. So is every other washer sold. Do not be caught by "free" talk. If you don't believe it just try to get one of their machines for nothing.

O.K. sales have increased in six years from 25 a week to 35 a day. Sold, mind you, not given away. It's the washing machine people are glad to buy when they know it. And it's sold at a fair price. Our free book explains. Write for it.

H. F. BRAMMER MANUFACTURING CO.,
1455 Rockingham Road, Davenport, Iowa.



SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS, Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until October 31st. Specially low rate round trip

tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 18th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.

Everything Burned but the Roof.

A BARN burned up down in Decatur, Ill., the other day, that is—everything but the roof.

And the roof was my famous "No-Tar"—the only Fire Proof roofing made. Send me your name and address on a post card and I will tell you all about my roofing—tell you how to test any kind of roofing and send you a sample of my "No-Tar" to test.

I will also send you **FREE** a copy of my book which tells how you can lay "No-Tar" Roofing with only a sharp knife and a hammer for tools.

My book also tells how I make "No-Tar" Roofing and why it is the only roofing that is weather, water, acid and wear, as well as Fire Proof.

"No-Tar" Roofing

won't crack in cold weather and the hottest sun can't melt it.

When you send me your name and address I will tell you why.

You ought to write me at once if you are in any way interested in roofing, for I can save you money—on roofing and on Fire Insurance.

Send me a post card today. Don't let anything hinder you.

O. A. HEPPESS, Secretary,
THE HEPPESS COMPANY,
2401 Fillmore St., CHICAGO.

DAY BY DAY

Agricola

Thank a kind Providence, berry picking is over for this season. Pears, apples, and plums will be a short job compared with the berries.

The Burbank plum is the heaviest bearer that ever grew in the land. The Wild Goose has but little fruit, but the Wyant still makes up all deficiency.

It is a great help to clean plums to have the hen coop with the young broods under the plum trees. They make life a weary burden to the pesky curculio.

The gladioli are now in full bloom, in the height of their glory. And they are glorious. The varied markings and tints are marvelous, and all exquisitely beautiful.

Why should not a farmer's home be surrounded by beautiful objects? Should we be spared until another season, we will have twice as much as now.

Yesterday we guided a gentleman from eastern Iowa through our corn field. "Why," said he, "it is a wilderness. A man would be liable to lose himself."

We are not afraid to compare our corn and gladioli and auratum lilies with any farmer in Iowa.

Received yesterday a postal card mailed from Venice, in Italy.

So by this it seems that postal cards are used all over the civilized world. A penny brings a card from the capital, twenty miles distant, and also from a city located towards the eastern end of the Mediterranean sea. Wonderful!

Peaches are ripe and small boys are getting the colic, for boys devour skins and all. They would the pits only they are too hard.

Melons are coming on. What they need more than other vines is constant rain. A pumpkin seems to be moderately independent. We irrigate them.

Going through the corn we observed that the pumpkin vines were badly dwarfed which were among the corn, but at the edges they were rank and luxuriant. However, we have rows devoted to pumpkins only and there they are magnificent.

Pumpkin pies would, if possible, make the lips of a graven image water to have a bite or two.

We, Agricola, prefer it to apple pie. However, we are fond of pretty much all sorts of pies.

We were never beaten except by one kind of pie. This was of dried apples which

we enclosed in the crust without cooking them. The crust was baked hard and the apples were as we had put them in.

This was while soldiering which always makes boys think of home and mother's good pies. They get hungry for them.

A vase of gladioli adorns the butcher's counter where we purchased our steak. It adds a charm to it.

Any sort of a shop is happier for a vase of flowers. Even a pawn shop is the better in appearance for them.

Wish we had a book all about butterflies, with cuts of the insects in their natural colors. It would be instructive. From now until frost is the time of year for most of our butterflies.

A flock of chickens all of one breed is an attractive sight. It is an easy matter to have such an one. Eggs just now are thirteen cents a dozen.

It is a good plan to go over the plum trees as they are ripening and gather the rotten and stung ones and destroy them.

There is a species of fungus which seems to be peculiar to the plum. We make a practice of going over ours every day.

The native plums, however, such as the Wyant, seem to be clear of disease, but all plums should have lots of air, and also be made the favorite scratching grounds for the poultry.

Plums are ripening which is the reason we talk about them, and also because they will be in these parts quite scarce.

A young and fat chicken makes an excellent Sunday dinner.

The auratum lily is the most magnificent flower in our grounds. They are wonderfully large and fragrant.

There is a white lily, the candidum, nearly as fine. We will plant a lot of both bulbs this fall.

Pinch the chrysanthemums now for the second and last time. They will make fine heads by so doing.

We also prune the young raspberry canes. They make better bushes and so bear more fruit.

Blackberries are now about dried up. The rabbit is the great enemy of this berry. In the winter they eat the bark and ruin the canes.

ACCOMMODATIONS FOR STATE FAIR VISITORS.

The Commercial club of the city of Des Moines will, as heretofore, constitute itself a free bureau of information during the week of the Iowa State Fair, and Secretary Milo Ward sends a special invitation to Homestead readers to use the bureau to the greatest possible extent during the week.

Among other things, the club is in a position to furnish information about board and lodging. Already, 6,000 people have registered for accommodations, though provision is made by the club to take care of many times this number. Prices will be reasonable in every instance.

SECRET VISCOUNT 212705.

Mr. F. A. Edwards, proprietor of the Bluffview herd of Short-horns, has secured a new bull to follow the famous Duke of Oakland 2d. The bull referred to is the beautifully-bred Secret Viscount whose pedigree is set forth below. From a Cruickshank standpoint pen could scarcely portray a more richly-bred bull, coming, as he does, through one of the very best Sittytown families, and topped out with some of the most noted bulls ever bred by Mr. Amos Cruickshank. Mr. Edwards can justly expect this bull to follow the Duke of Oakland 2d with splendid success. The sire of Secret Viscount is the Orange Blossom bull, Orange Viscount, a winner at the American Royal in 1904, sired by grand champion, Lavender Viscount. The second sire in this pedigree is Imp. Craven Knight, a Brawith Bud bull, sired by Cumberland and out of a daughter by the famous Barmpton. The following bulls, Pride of the Isles, Champion of England, The Czar, and Lord Sackville, were all bred by Mr. Amos Cruickshank, and are of such wide and international reputation that we refrain from further comment.

SECRET VISCOUNT 212705.

DAM	Red, white marks; calved May 6, 1903. Vol. 58.	BRED BY
Sunshine	Got by Orange Viscount 157352	W. A. Betteridge
Imp. Sorrel	Craven Knight (96923)	A. Cruickshank
Surname	Roan Gauntlet (45276)	A. Cruickshank
Superb	Pride of the Isles (45274)	A. Cruickshank
Splendor	Champion of England (17526)	A. Cruickshank
	The Czar (20947)	A. Cruickshank
	Lord Sackville (13249)	A. Cruickshank



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In addition it is an excellent fire retardant. You have secured the very best Ready Roofing you can buy for the money when you invest in Amatite.

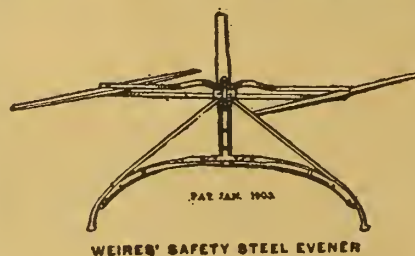
It doesn't shrink, crack, buckle, creep or rot. It's the up-to-date Ready Roofing for up-to-date farm and factory buildings, warehouses, etc.

Write for Testing Sample and Booklet to our nearest office.

BARRETT MANUFACTURING COMPANY
AMATITE DEPARTMENT

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Allegheny	Kansas City	New Orleans
Cleveland	St. Louis	Cincinnati
Minneapolis	Boston	

Weires' Safety Evener



Made of steel, built to last a lifetime. Absolute safety. Inquire through your local dealer and have one placed on your buggy before muddy roads come on. Look up our exhibit at Iowa State Fair, at Des Moines, August 24-31. It will interest you. If your dealer does not handle the Weires' Safety Evener write to

WEIRES' SAFETY EVENER & MFG. CO.
ALLISON, IOWA.

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LARGEST STOCK IN THE STATE. WE PAY THE FREIGHT.

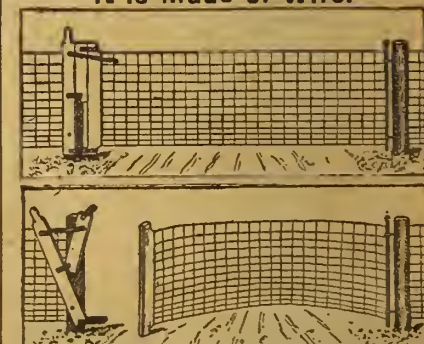
CHASE & WEST, Des Moines, Walnut St. 712-714

stance, though "cheap" places are not taken on the list.

The office of the Commercial Club is located at 314-316 Fifth street, Des Moines, on the second floor of the building. Those who do not write, making arrangements for lodging in advance and who find themselves in the city without comfortable quarters, should proceed immediately to the office of the club and solve the lodging problem before going to the fair grounds. For information of any kind, write Commercial Club, Des Moines, Iowa.

LAND AND CANADIAN POINTS
VIA THE C. & N.-W. R.Y.

Tickets on sale daily until June 30th; also on July 4th and 18th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

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Something New in Gates.
It is Made of Wire.

WE will furnish the equipments for this gate and you buy the wire. Our part will cost you \$1.50. It is strong and durable. Wire is always tight when closed, and works easy, and will not break. Write today and give us your order, and remember we make everything in wood for the farmer.

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CURED to stay cured. My TRUE METHOD kills the deadly germ which causes Cancer. No knife! No pain! Longest established, most reliable Cancer specialist. 16 years in this location. I give a WRITTEN LEGAL GUARANTEE. My fee depends on my success. Send for free 100-p. book and positive proofs. Address:

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\$25 ON 5 TON IS WHAT YOU CAN SAVE
We make all kinds of scales.

Also B. B. Pumps and Windmills. **BECKMAN BROS., DES MOINES, IOWA.**

PATENTS
ORWIG & LANE,
DES MOINES, IA. Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

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BUY A
MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

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See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

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has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should have them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

STALLIONS.

An Iowa Subscriber.—What distance away from a dwelling house does the law require a man to keep a stallion?

Answer.—There is no specified distance prescribed by law.

RAILROAD STOCKS.

Mr. Harry M. Fisher, LaVale, Wis.—(1) Can non-assessable railroad stock become assessable by majority votes of the stockholders? (2) Can non-assessable railroad stock become assessable by receiving dividends on the stock?

Answer.—(1) It cannot. (2) It cannot.

APPEAL FROM BOARD OF REVIEW.

A Subscriber, Dorchester, Iowa.—A. owns a farm of 360 acres and B. lives on it as A's tenant. The assessor came and assessed B's property and assessed the land to suit himself, and never went near A. to have him sign the tax paper. Afterwards A. went before the board when it met to have a change made and the assessor said it was a mistake, but the board would not make it right. What can A. do about it?

Answer.—A. probably has no remedy. He had a right to take an appeal from the action of the board of review to the district court, but most likely he let the time pass without doing it. The law allows twenty days for taking an appeal after the board adjourns.

CONTRIBUTORY NEGLIGENCE.

Mr. N. Schoemann, Panama, Iowa.—I had a horse killed by a railroad train on the crossing of a public highway, about fifteen feet from the cattle guards. It broke through my gate and was caught by the train and killed instantly, and carried 150 yards on the railroad right of way. I think the company is liable because the horse was lying on its property. Can I recover damages from the company?

Answer.—We think not. The real cause of the loss to you, or rather the first cause, was the horse breaking through your gate and getting on the track. This would be considered as the result of your own negligence—contributory negligence, and would most likely defeat your claim for damages. The fact that the dead horse was found on the company's property, has nothing to do with the matter in a legal sense.

DRAINAGE—ASSESSMENT.

A Subscriber, Dallas Center, Iowa.—A number of farmers own land and live near the head or source of a creek. They wish to tile drain their farms and they claim the bed of the creek is too high for the outlet of such drains. They therefore wish to dredge out the bed of the creek for four or five miles through farms of other people who have tile outlets in it which have been there for years, and are in many cases several feet above the bed of the creek. Can these farmers at the head of the creek, by process of law or otherwise, cause men who are not actually benefited by such dredging and deepening of the bed of the creek, to be taxed for the costs and expense of it?

Answer.—The dredging of the creek if accomplished at all, must be under chapter 2 of title 10 of the code, where the following method is provided for assessing property benefited: The county auditor appoints three commissioners, one a civil engineer, to inspect, classify, and report an assessment for benefits, on property supposed to be benefited by the improvement, to the board of supervisors, who then hears the report, and finally determines the assessments to be made, and levies taxes accordingly. It seems from the code, and from a decision of the supreme court, that the question as to whether or not any given lands reported, are actually benefited, rests with the commissioners in the first instance,

and finally with the supervisors that if they determine that lands are benefited, no court has power to change it, so the only thing an owner can do is to convince, first the commissioners, and finally the board of supervisors that his land is not actually benefited.

ANTE-NUPtIAL CONTRACT.

An Iowa Subscriber.—A. is a widow with grown children and some property. B. is a widower with grown children and some property. In case they should intermarry, what legal arrangement would be necessary in order to give each one control of his or her property?

Answer.—It would be necessary for them to enter into a written contract before marriage, setting forth the precise and exact relations which are to exist between them as husband and wife, in reference to the property owned by them respectively. This is called an ante-nuptial contract. It should be prepared by a competent lawyer.

RULES OF SCHOOL.

A Reader, Dysart, Iowa.—A class of pupils in our school obtained permission of their parents to go picnicking a half day during school hours. The principal was not informed about it, and he wrote to the parents asking if they had given permission to the children and the parents replied to him in a disrespectful manner. He then kept the class an hour every evening after school till it made up lost time. Had he a right to do this?

Answer.—The school board has power to make such a rule, and require the teacher to enforce it, and the law will uphold a teacher in enforcing such a rule even though the absence of the pupils from school, to attend a picnic was by the consent and permission of the parents.

INHERITANCE IN KANSAS.

A Subscriber, Coffeyville, Kan.—A married couple live in Kansas and have no children. The husband owns a farm and personal property there. Suppose both husband and wife should die or get killed in a way that it could not be proved which died first, and neither of them had made a will, how would the property be disposed of?

Answer.—The property would go to the parents of the husband if living; if only one parent living, the entire estate would go to the one. If both parents dead, to the brothers and sisters of the husband. In some states the law would presume that the wife died first in such a case, but in Kansas no such presumption exists.

EXEMPTIONS—NORTH DAKOTA.

A Subscriber, Woodstock, Ill.—(1) How much does the law exempt of real and personal property from execution and attachment in North Dakota? (2) A. lives in Illinois and holds a judgment note against B., who lives in North Dakota. B. owns real estate and personal property, both mortgaged. How can A. collect the debt?

Answer.—(1) Family picture, Bible, school books, and a library worth \$100. Wearing apparel, pew in a church, lot in a cemetery, provisions and fuel for one year—then if one is the head of a family, he may select property to the value of \$1,500, or take specific things actually worth more than that, such as household furniture, live stock, farming tools and implements. Besides this in personal property, the homestead is exempt. It may be worth not exceeding \$5,000, and consist in 160 acres of farming land or not more than two acres in a town or city with improvements. (2) Only by a suit brought in North Dakota and execution there against B.'s property which is not exempt from execution.

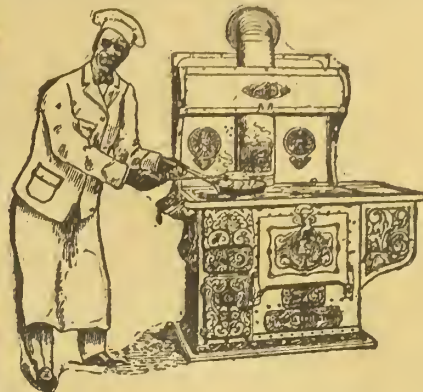
LAW OF ESTRAYS.

A Subscriber, Nora Springs, Iowa.—What is the law in relation to taking up stray stock in Iowa?

Answer.—Any animal of an unknown owner running at large, or trespassing within a lawful enclosure is an estray, and may be taken up, between May 1st and November 1st, except an unbroken animal which is not required to be restrained by a police regulation. The taker up must post written notice within five days, in three of the most public places of the township, giving full description of the animal, and place where taken up. If not claimed in ten days he must go before a justice of the peace and make oath to the notice, and a statement whether marks or brands have been altered. The justice of the peace records the notice and sends it to the county auditor who records it in stray book, and publishes the notice for three weeks. The taker up pays the fees and expenses of justice of the peace and auditor and if the animal is (stock), of the horse, cow, mule or ass kind, one dollar and fifty cents for publishing notice. All these payments must be refunded to the taker up, in case the owner claims the property. If the animal is of the kind above stated it will belong to the taker up if not claimed in one year; if other animals, in six months.

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AUGUST 24th TO 31st INCLUSIVE.



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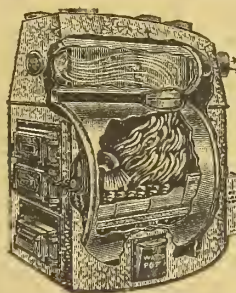
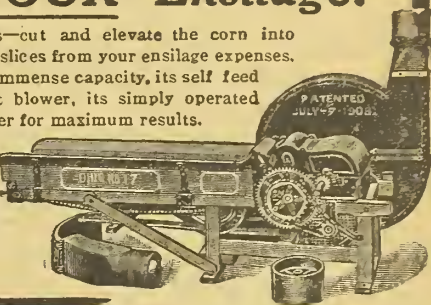
King Bee Air Blast (any kind of fuel)
Peoria Gas Burner (magazine for soft and
hard coal or lignite)
Peoria Oaks (coal or wood)
Brilliant Peoria (hard coal base burner)
Regal Peoria (hard coal base burner)

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"OHIO" Ensilage Cutters cut two ways—cut and elevate the corn into silo at an amazing speed; and cut off huge slices from your ensilage expenses.

How does it "cut" expenses? By its immense capacity, its self feed mechanism, its power-saving direct draft blower, its simply operated silage distributor, its minimum use of power for maximum results.

Silage as a milk and beef producer is far superior to grain. Our book "Modern Silage Methods" (10c) tells all about it. Our Ensilage Cutter Catalog will easily convince the man who wants the best. Send for it. Manufactured only by
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THOUSANDS IN USE. Furnace Radiator 12 YEARS on the MARKET.
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S. G. HUNTER IRON WORKS, ATLANTIC, IOWA.

Within these times the owner may claim the stock by paying the compensation allowed by law, (see sec. 2349, code) and the costs and expenses, and a reasonable allowance for the keep. These are the main features of the stray law.

CHEAP R. R. RATES VIA M. & ST. L.

Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays to Montana, Washington, etc., at one fare plus \$2.00.

Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.

Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.

For particulars call at the M. & St. L. ticket office, 512 Walnut St., Des Moines, Iowa.

SUMMER TOURIST EXCURSIONS

Via Chicago Great Western Railway to points in Alberta, Arizona, British Columbia, California, Idaho, Montana, Oregon, Washington, and Mexico City. Stopovers and side trips allowed. Tickets on sale daily to September 15th. Final return limit October 31st. For full information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

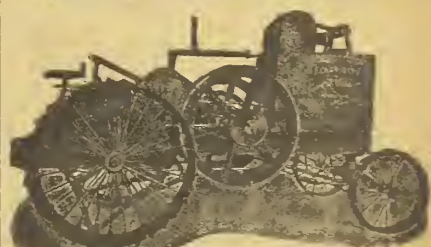
HARVEST HANDS—NORTHWEST.

For parties of five traveling together on one ticket, The Chicago Great Western Railway will have on sale the entire month of August tickets at rate of \$14.50 per capita to nearly all points on the Great Northern, North Pacific and Soo Lines in Minnesota, North and South Dakota. On the return trip, rate will be \$1.50 higher. For full particulars address E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

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100 LBS. FENCE WIRE, \$1.25

No. 14 Gauge Painted Wire Shorts, 100 lbs., \$1.25; No. 16 Gauge Galvanized Wire Shorts, 100 lbs., \$1.40; Other sizes at proportionate prices. Galvanized Barb Wire 2 and 4 point, per 100 lbs., \$2.50; "BB" Galvanized Phone Wire, per 100 lbs., \$2.40; Annealed Wire, per 100 lbs., \$1.90; Graduated Diamond Mesh Galvanized Poultry Netting, per 100 sq. ft., 40c; Indestructible Steel Fence Posts, the best manufactured, each, 35c. Everything in line of Wire and Fencing for all purposes. Now is the time to buy. These prices are for immediate action. Ask for Free 500-page Catalog No. B.A. 500. quotes lowest prices on staple farm supplies of every kind; also offers furniture and household goods from Sheriffs' and Receivers' Sales. Chicago House Wrecking Co., 38th & Iron Sts., Chicago

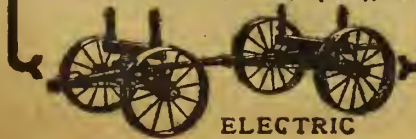
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By every test, they are the best. More than one and a quarter millions sold. Spokes united to the hub. Can't work loose. A set of our wheels will make your old wagon new. Catalogue free.

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VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

TONGUE LOLLING.

What can I do to prevent my four-year-old back mare from hanging her tongue out when a bit is in her mouth?

In bad, long established cases the only cure is to have a portion of the tongue amputated by a veterinarian. In some cases the habit may be checked or cured by buckling a strap around horse's nose at place where bit crosses lower jaw, or by fitting a disk upon bit with the bar as an axle, so that the disk lies upon the tongue.

LOCAL PARALYSIS.

I have a black mare mule one year old last May that has her under lip paralyzed. I put a yoke on her, made of pieces of 1x4, and it got down between her ears, making the cross piece press very hard against her jaw. Her lip seems to hang loose, and she cannot swallow very well. She has been troubled this way about two months. What can I do for her?

Treatment may do a little good, but filly may grow out of the trouble in time. Blister poll of head with cerate of cantharides and internally give fluid extract of nux vomica three times daily, commencing with ten drops at a dose and increasing a drop or two daily until the muscles are seen to twitch involuntarily, at which stage go back to first dose and repeat, if necessary. Allow filly to run out as much as possible.

LAME HOGS.

I have a Poland China grade shoat three months old that has enlargements on the legs near the joints that are as hard as the bone itself. The trouble is of about six weeks' standing, and while at first he was not much lame, he is real lame now, and it seems to pain him very much. I have fed alfalfa, both pasture and hay, sweet milk at night, and new milk fresh from the cows in the morning. The hogs have dry quarters, plenty of exercise, good well water when wanted. Have two more starting the same way. Please advise as to cause and treatment.

Rheumatism sometimes affects hogs in this way and the best remedy is to blister the enlargements, alternately, with cerate of cantharides. Internally, after physicing with epsom salts, give ten grains of salol and iodid of potash alternately every four hours. Feed light slop and keep hogs in dry, sunny quarters.

RETAINED AFTERBIRTH.

I have a fine twelve-year-old Short-horn cow which was quite sick after calving, the trouble seemingly being caused by retained afterbirth. She had quite a lot of corn for three weeks before calving, so have been told she was not in proper condition. As she is due to calve again this fall I would like some advice in regard to caring for her properly. (1) Please tell me how to remove the afterbirth, and how soon this should be done if it is necessary. (2) Which is the best to use to cleanse the womb, a veterinary syringe or a catheter, and could any harm come from performing this operation three times daily? (3) What should she be fed to keep her in good condition for calving? Is bran and some shorts with a little stock food mixed, good? Would ginger be of any benefit, and if so, how much should she be fed at a feed? (4) Should she have any corn within two months of calving time? (5) Which is the better as an injection solution, carbolic acid and sulphate of zinc, or a solution of permanganate of potash in water?

We would advise you to employ a veterinarian to remove the afterbirth, not later than forty-eight hours after calving, as the operation requires skill and experience. After flushing out the

womb and vagina with a 1-per-cent solution of coal tar disinfectant, the protruding parts of the afterbirth are followed into the womb by the cleansed hand and arm, which have been lubricated with carbolized oil. The afterbirth is then stripped free from each cotyledon in turn, until the main portion of the womb has been cleared, after which each of the two horns is dealt with in the same way. The cotyledons are mushroom-like tumors upon the interior lining of the womb, and to these the afterbirth is adherent. Care must be taken not to injure the cotyledons. (2) A syringe serves to inject the antiseptic solution; a catheter is required to draw it off again. (3) Feed no corn, but give bran mash and a little flaxseed meal daily while she is given as much outdoor exercise as possible every day. She will not require ginger, and stock food is quite unnecessary in all cases. (4) No. (5) Coal tar disinfectant or permanganate of potash are admirable as disinfectants for the womb and vagina.

BLOAT OF SHEEP; PARALYSIS.

(1) Can you tell me what will cure bloat in sheep? One of my sheep came in from the pasture apparently all right and in about half an hour she was bloated until she could scarcely breathe, and in twenty minutes more she was dead. (2) Also, what is the cause of pigs getting weak in the back and dragging their hind parts? Is there a cure for this trouble?

In bad cases the paunch should be tapped on left flank by means of a trocar and cannula made for the purpose and for sale by dealers in veterinary instruments. A tablespoonful of turpentine in four ounces of raw linseed oil is a favorite remedy or give an ounce of hyposulphite of soda and one dram of aromatic spirits of ammonia in a cupful of warm water once an hour until relieved. Either medicine is well followed by a four-ounce dose of epsom salts in warm water, adding two teaspoonfuls of ground ginger root. The homeopathic treatment is to place fifteen to twenty drops of tincture of colchicum seeds upon the sheep's tongue and repeat in twenty minutes, if necessary. (2) See recent answers under the head of "paralysis."

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion.



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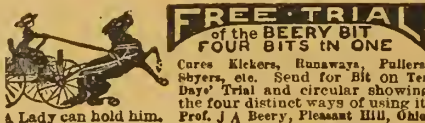
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all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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OUR DAIRY DEPARTMENT.

Contagious Abortion of Cows.

BY A. S. ALEXANDER.

Contagious abortion of cows is caused by microbes or microscopic organisms termed bacteria which invade the generative organs of the female or may be carried there by the tainted bull. The exact character and identity of the special germ in this disease has not yet been determined by scientific investigators, but enough is known to make it seem apparent that in Europe the contagion is more virulent than here, suggesting a difference in the causative germs, but that in both instances the disease may be communicated by local inoculation with discharges from a diseased cow.

When the germs find access to the vagina they set up irritation and start colonies from which others form in the womb or even in the fallopian tubes. Due to the irritation a discharge comes from the affected animal and this discharge contains the germs which have the power of similarly affecting another cow and get to her in the stable by discharge falling into the gutter, getting onto the tail and thence being switched onto the external generative organ whence infection spreads to the inner parts. This form of abortion cannot be caused in any other way than contamination conveying the germs from one affected animal to a clean one and from the latter in turn to a bull or cow and so on until all of the animals in a herd may become infected.

Investigation also seems to have proved that when a cow becomes affected the germs spread gradually until all available tissues are infected; that at first, for say three periods of gestation (pregnancy), the irritation due to the presence of the germ colonies is sufficient to cause abortion, but that each successive abortion comes later in pregnancy than the first one and in time the cow becomes immune to the effects of the germs and carries her calf the entire period of gestation.

In other words the cow that has aborted three or more times may then carry her calf the full length of time, but still be infected by the germ of abortion and while not aborting herself may spread the contagion to cows associated with her in the stable or to them by means of the bull contaminated by her at time of service. In time this immune cow may become free from the germs, as they find no new tissues to affect and it also is fairly well proved that the contagion of abortion may suddenly and without known cause depart from an affected herd so that for years no more cases of abortion occur and the contagion has again to enter in an affected animal before it does further harm.

Experiments in this country thus far have failed to prove that the germs of contagious abortion are contained in the blood of the affected cow or in that of her fetus, but they have been found in the womb, vagina and placental membranes. Despite this fact some contend that the disease is in the blood of the dam and from her conveyed to the calf in her womb, but there is no proof that were the germs in the blood of the cow they could be thus conveyed to the

fetus which does not directly receive blood in utero from the dam.

Personally we prefer to believe that the disease is entirely invasive from without and does not exist in the blood of cow or fetus and that freedom from effects in an infected cow come from the immunity we have mentioned and not from death of the germs or their entire eradication by use of internal and applied disinfectants.

The disease gets into a herd from without. It is not, apparently, spontaneously produced upon any farm. A herd remains clean when kept away from the contagion, but when the germs once are introduced they spread from one cow to another until all have aborted several times, then become immune or spontaneously lose the infection.

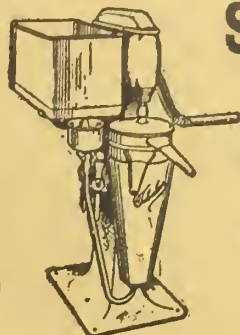
These conclusions are somewhat theoretical, but based upon facts apparently proved in practice and we have at least arrived at a fairly effective method of prevention.

This consists in quarantining every new purchased cow or bull until properly disinfected and seen to have abnormal discharge. The cow requires to be quarantined at least a month and the bull two weeks. During this time of probation the sheath of the bull should be flushed out once daily with a 1-1,000 solution of chlorid of zinc or other effective disinfecting solution and the same strength solution should be used daily to sponge, spray or wash the external genitals of the cow or she may even have a few vaginal injections if there is the slightest trace of discharge of a suspicious nature.

The bull is to have similar treatment before and after each service when released from quarantine and the pregnant cows should have the external treatment daily throughout pregnancy if abortion has been prevalent in the herd. All cows that have aborted are to be kept separate; all of such cows again in calf are to be kept separate; all bred heifers that have not previously aborted are to be kept with pregnant cows that have never aborted or been exposed; the bull that has mated with an affected or exposed cow must not be used with the clean heifers and cows; no cow is to be allowed to calve with or near other pregnant cows; all afterbirths, soiled bedding or aborted calves are to be burned; disinfectants are to be used daily in the gutters back of all cows and the stables are to be kept clean, disinfected and well ventilated. These measures will tend to prevent abortion, but if the disease has been prevalent internal treatment or hypodermic injections of anti-abortion serum should be used.

The favorite internal treatment is pure carbolic acid, but just how it has its effect is little understood considering that the germ is not known to be

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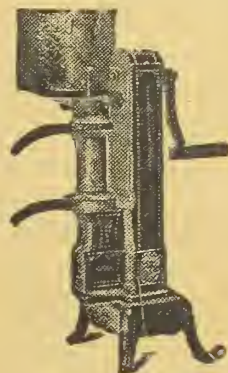
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present in the blood. The average dose is one dram of the pure carbolic acid once or twice daily in water and mixed with the food or as a drench. A heifer may take half this quantity and every other day if merely exposed, but not known to be contaminated. An adult cow may take the full dose twice daily if she has previously aborted and again is pregnant; and even larger doses may be given to cows suffering from leucorrhea (whites). Many people merely give the carbolic acid two or three times a week and claim good results. Others give it in salt at the rate of two pounds of the pure carbolic acid to 100 pounds of salt placed in numerous troughs, before cows that have been allowed to become salt hungry. It also is used as a 3 per cent solution hypodermically, the dose being two drams to be repeated every ten days throughout pregnancy.



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New building of the Omaha Commercial College, located at Nineteenth and Farnam streets, Omaha, Neb. Including site and equipment this structure has cost \$100,000. See page 4.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

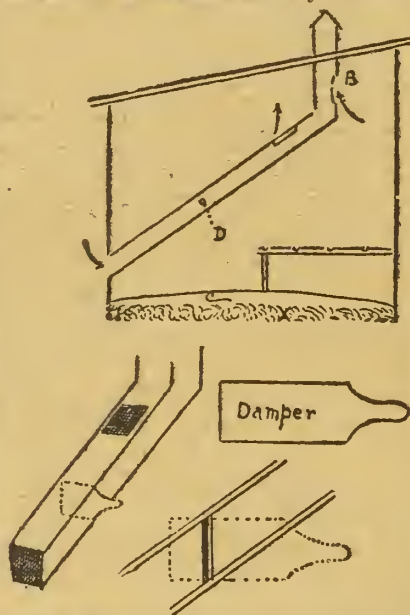
INVESTIGATION OF COLD STORAGE.

The cold storage system as it is operated at present has a great deal to do with the poultry and egg industry. Recent investigations of the cold storage business in Chicago recently brought out some facts that may be termed "trade secrets." Although not new, the methods outlined appear novel and interesting to consumers as well as to producers of poultry supplies. Objection was made to stamping the date on the supplies on the ground that since Illinois only having that law, it would be prima facie evidence that such products came from Chicago and would injure the sale of them to a greater or less degree. The following facts were brought out by the investigation: "Not 5 per cent of the goods in cold storage warehouses in Chicago are sold in that state," declared the witness. "They are either sent abroad or sold in the East. People, when they buy food products, are peculiar. You sell chickens or turkeys in New York or New England market, and you have to tell the buyer they came from New Jersey or Connecticut. The Iowa chicken is better than the New Jersey chicken, but the New Yorker does not think so. He must have his broiler from New Jersey, and the result is that there are more chickens sold in the state in one day than the State could produce in a week. And there is butter. Not enough butter is made in Elgin to supply one-fourth of the Elgin butter which is sold in Chicago every day. The Elgin butter you are buying is mostly made in Iowa and Minnesota, and it is just as good butter as that made in the Elgin territory. The time to inspect a turkey is before it is frozen," said he. "There is no use of inspecting it after it is frozen. The way things are now, we get two classes of goods. The farmer in Illinois, Iowa, Wisconsin or Minnesota sends us his chickens and turkeys and we freeze them. They can be inspected in Chicago before being put in the warehouse. Again, we get a large amount of goods from Kansas City, Omaha and other packing points which are frozen there. They should be inspected before being put in cold storage, but the Chicago inspector can't do it. That is the reason

for a federal inspection, which will cover all cold storage plants." Another objection raised was to the requirement that all fowls be "drawn" before being frozen, and the length of time goods could be kept in storage. It was argued that it was healthier not to draw the birds, and that six months was too short a time, the average for eggs being nine months and fowls ten and eleven.

POULTRY HOUSE VENTILATION.

There are a number of ideas for the ventilation of poultry houses which are very desirable, but most of them are expensive to put into operation. The main benefit to be obtained from ventilation is dryness of atmosphere, which of itself means the circulation of pure air. In any plan of ventilation the air from out-of-doors should be taken in from near the bottom of the house and follow the ventilator until it reaches the top or nearly so before it is allowed to escape into the room. We think the plan of ventilation indicated in the illustration is one of the best known. The foundation for a comfortable dry house is



laid in the floor which is of concrete kept thickly covered with straw. The shaft is run in an angle entering the house at the point indicated by the arrow at the bottom left and escaping into the room at the point in the shaft indicated by the upper arrow, which opening is covered with wire netting. At the point B an opening is cut into the shaft through which the foul air escapes into the shaft and out at the point of the ventilator on the outside of the house. A damper is provided as shown so that the current of air can be controlled in the event of a windy day. The detailed drawing at the bottom of the cut shows how this damper is operated. The whole plan is simple, easily put in operation and will be found very effective.

BOYER'S SUMMER ADVICE.

Michael K. Boyer, of New Jersey, a practical and extensive poultryman, says there is nothing that will wilt the ambition of a wide-awake poultryman like hot weather. The hot, scorching days of summer are inclined to cause one to put off until tomorrow what can be done today. He evidently knows what he is talking about, for he is guilty himself. In the Poultry Success he gives many very good hints for hot weather management of poultry, as follows: "There is an old saying, 'a lazy man will have lazy fowls.' It is still true. Hot weather is apt to produce the fever in both man and bird.

"Avoid too much carbonaceous food during the hot spell, as it is too heating. "See that the houses at night are fully ventilated. The scratching shed plan is the best, from the fact that the birds get the full benefit of the cool at night. "The poultry should not only be supplied with fresh water two or three times a day but care should be taken that the drinking vessel is placed in the coolest spot possible.

"Shade must be provided. Trees are best, but where this is not the case, it is best to build canopies. There must be a shady spot where the hens can go and dust themselves during the heat of the day.

"But the enthusiastic, plucky, willing worker will plod along, knowing that the season will soon be here when the stock will look better, will do better, and when



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—for Growing Pigs

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DON'T fail to visit our exhibit while attending the fair. You will learn more about hatching chickens with an incubator by calling on us in Machinery Hall and seeing how it is done than you could in any other way. The Successful Incubators were among the first in the field and have always given the best of satisfaction. Come around to our exhibit and let us show you how easy it is to raise chickens with the help of a Successful Incubator. The exhibit will be the finest Incubator Show on the ground. Don't miss us.

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EGGS 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

EGGS from pure bred, well marked, standard weight Light Brahma at \$1 per sitting. I ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

SILVER LACED WYANDOTTES. EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm, Lt. Brahma, S. L. Wyandotte and R. C. B. Leghorn eggs for sale, 20 for \$1.50 for \$2.100 for \$3.75. Albert Haus, Waucoma, Ia.

WHITE Wyandotte hens scoring 94 to 96 for \$1.50, \$2 and \$3 each. All yearlings. Mrs. L. M. Eates, Route 2, Audubon, Iowa.

DOGS.

SCOTCH COLLIES.

OUR collies will do one man's work. Write for catalog. Largest kennels in the west.
Geo. T. Underhill, Knoxville, Iowa.

RATS. My Scottish Terriers will make them git. Very fine female puppies from recorded parents. Also a young grown male, a hustler. Pedigree with sale. S. W. Harr, Riverside, Iowa.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Granger, Mo.

PEDIGREED Scotch Collie pups at farmers' prices. If you want one, address, Fred Massure, R. F. D. No. 2, Linden, Iowa.

the prices for eggs and poultry will be of a more tempting figure.

"We have entered a period when dry feeding is becoming popular. On many of the large farms wet mashers are no longer fed; instead, the ground meal is placed in troughs or hoppers, and the fowls allowed to help themselves at will. At first, I admit, I did not take kindly to this method. I was afraid the hen would not be satisfied; that she would not take readily to it, and, in consequence, lose her appetite. But I experimented, and found I was mistaken.

"The hens not only enjoy the food given in that way, but are doing better work. They are not suffering from bowel troubles during this warm weather, as so often is the case while feeding wet mashers; they do not become overfat, and they do not suffer from indigestion.

"We have adopted this dry feeding method for both our old and young stock, and have reduced the dangers of summer to a minimum.

"Green food is another important item. Short, tender grass, lettuce and radish leaves are not only relished, but the very best kind of greens to give. Of course, the best method is a range over a good pasture, but poultrymen do not always have that advantage to give their fowls.

"Green food is a tonic, a medicine, in the bill of fare. It relieves the fowl of too much concentrated food. It is bulky.

"There is more or less dry weather during the summer, and the runs not infrequently become baked, and in heavy soils more or less filthy. The man who has the best interests of his stock at heart will once a week use a hand plow in such yards and stir up the soil so as to make it loose and fresh. If he does



Why Dig a Pit?

What's the use of making a hole in the ground for farm scales when you can get the pitless kind direct to you from the factory at half the price of the old fashioned scales. I make and sell the

Knodig Pitless Scale

But before you buy you may have a set to try for 30 days absolutely free of charge. No deposit. No notes to sign. If you don't like it, send it back. I pay the freight both ways. You'll like the Knodig. It's absolutely accurate. No parts below surface to rust out or accumulate dirt. You can take it down and set it up anywhere. Write for catalogue.

H. C. GUMBEL, Gen'l. Mgr.
Nat'l Pitless Scale Co., 2011 Wyandotte St., Kansas City, Mo.



this at night, the next morning the fowls will get to work scratching, hunting for worms and stirring up things generally. It is wonderful how much they find in this turned-up soil that furnishes both amusement and food.

"It should be a rule that nothing is thrown in the poultry runs that will not be eaten up quickly. To make the runs a dumping place for slop soon furnishes the stock with a lot of sour, tainted stuff that is bound to produce sickness. We never believed in feeding sour slop to our pigs and certainly not to our poultry."

HORTICULTURAL TOPICS

This department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

THE ARBOR VITAE OR WHITE CEDAR

A Grinnell, Iowa, subscriber, sends the following inquiry:

Under separate cover I am sending you some sprays from an arbor vitae hedge which is dying out in places. Can you tell me what is the cause of the trouble and is there any preventive?

The specimens sent are of the native arbor vitae or white cedar. Many of the sprays are found to be infested with the lecanium. This is one of the scale insects which sometimes does considerable injury. If you examine it at this season of the year it will be found that under each scale there are myriads of eggs. These will hatch out in a short time. The young move a short distance, establish themselves and begin to feed upon the plant by sucking the sap. In time each individual is covered with a scale like that of its parent. Eggs are deposited which hatch the next year and thus the cycle is completed. Where the plant is badly infested it is seriously weakened and devitalized through the loss of sap. This insect may be combated by spraying with kerosene emulsion. An application should be made just after the young hatch and before they have formed a shell. It is probable, however, that the presence of this insect is not entirely responsible for the present condition of your plants. In my experience the arbor vitae is not a satisfactory hedge plant for the middle West and full-grown plants frequently go in this fashion. In its native haunts it is a semi-swamp plant and where planted under especially adapted conditions it is apt to suffer for the lack of moisture. If the ground is all dry they winter kill and are also apt to winter scald and as a result present a sickly yellow appearance in the spring. The native arbor vitae is more hardy in this respect than the oriental form, but for general purposes I should use the barberry or some other hedge plant in preference to it.

A. T. Erwin.

"Spare That Tree"—From the Advertising Public.

To the Editor of The Homestead:

I wish it were possible to call an indignation meeting in every rural community, one that would enter such a loud protest that the would-be advertiser would pause ere he pounces upon every beautiful tree along the roadside with his handbills and box of tacks and usurps the privilege of posting every conceivable and often objectionable advertisement upon these conspicuous signboards. Evidently they appeal to him as nothing more than signposts, and he presumptuously supposes that they gré for his especial benefit, and that the gullible public must be attracted in this manner to his wares.

The fact in the case is that every intelligent passer-by is disgusted and annoyed by such an utter lack of reverence and respect for God's beautiful handiwork. We are just awakening to the responsibilities around us in protecting the few trees that have been left standing along our highways. Just a few years back the well-meaning public and the agricultural press were unanimous in advising farmers to clear up the roadsides along their farms. Neatness was the goal that all were striving for, and it is just beginning to dawn upon us that even neatness may be overdone, for with the clearing away of every vestige of nature, we find that our song birds are driven to other haunts and localities, and we are thereby the losers both in sentiment and in practicability. The few trees that are left should be spared the ruthless marring at the advertiser's hands.

I know of a mammoth and stately elm that stands midway in the public road and has stood there, so old settlers declare, for fifty years in all its wealth of beauty like an oasis in a desert on a midsummer day, and I think every man and beast who passes under either side always breathes a prayer for its preservation. I am sure if it could tell the tales and reproduce the innermost thoughts of all the hosts who have traveled by it softly and slowly in the past half century there would be a huge compilation of good thoughts credited to

the side of mankind, for such a tree is an inspiration to catch the passer-by. Likewise a mark to catch the mercenary eye of the advertiser's agent who keeps it posted from base to limbs with his flaunting tokens of irreverence.

How many farmers would dare go into the city parks and nail their business cards, or anything they wished to place before the public, to the shade trees? Would such an act be tolerated? Certainly not. No one would be so presumptuous, yet many business houses in the city start their man out just as soon as the roads are fairly passable with instructions to post their bills in every possible conspicuous place along the country roads. The telephone poles are a source of convenience, but not to be compared with a beautiful tree. The only wonder is that our orchards have not been turned into billboards. Their location is all that has saved them, for farmers are slow in remonstrating and usually so busy that they ignore many impositions rather than assert their rights.

This is the reason when we may expect to even awaken some morning and find our front porches and our front fences heralding the merits of some quack medicine or some chicken remedy for every ailment, and if we each one appoint ourselves a committee of one to destroy every advertisement placed in an illegitimate place we will do away with a great many eye-sores and eventually put a stop to such schemes of advertising. Like everything else, there is a place for advertisements. In this day of free delivery, when every family receives a daily paper, a half dozen agricultural papers, the best magazines, etc., there is no danger of not "catching our eye." It is true and creditable that some papers discriminate and bar objectionable advertisements, but there are others who advertise anything, and these are always the class who appreciate the "fake" advertisement and support it. Look at it from any viewpoint and there is nothing in favor of marring the few shade trees by any scheme of advertising.

A. B. F. Parsons.

Jefferson county, Iowa.

Spraying When Fruit is Grown.

To the Editor of The Homestead:

It is frequently necessary to spray when the fruit is almost quite grown, and sometimes when it is ripening. This is especially true in regard to European plums, as they frequently rot at ripening time if they have not been thoroughly and frequently sprayed with bordeaux mixture while growing. But other plums are much given to rotting at the beginning of the ripening season, and all fruits are likely to require attention at this crucial time when neglect will frequently change an almost realized profit to disastrous loss.

Bordeaux mixture is the panacea for all these fungous diseases, but it cannot be used at or near ripening time on account of the fact that it stains and discolors the fruit. For that reason it is necessary to use some other preparation which is free from this fault. Ammoniacal copper carbonate is the one usually recommended and most frequently used. The formula is as follows:

Copper carbonate 6 ounces
Strong ammonia (26 degrees Baume) 3 pounds
Soap 1 pound
Water 50 gallons

Dilute the ammonia about one-half with water, add slowly to the copper carbonate, stirring the while. Use no more ammonia than is necessary to dissolve the copper carbonate. Dissolve the soap in hot water and pour into the copper carbonate solution. Agitate well and add enough water to make fifty gallons of the mixture.

This should be prepared as used. Stock solutions may be made in any quantity, but the copper carbonate solution must be kept tightly corked and exposed only as it is necessary to prepare the spray for use.

Franklin Brown.

Why should you be troubled with repairs on a manure spreader when the Litchfield Mfg. Co. have reduced the repair question to a minimum? See what they have to say about this up-to-date machine.

THE IOWA LIMITED.

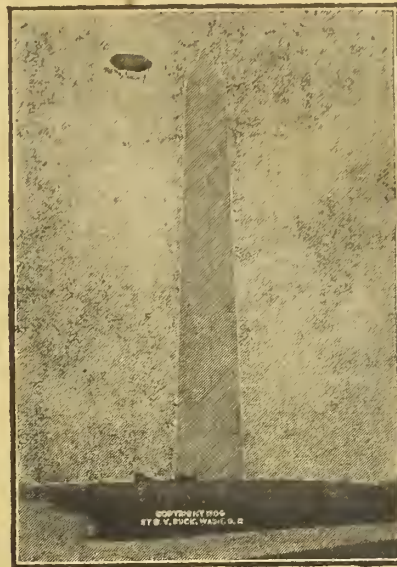
The Rock Island lines showed a great deal of tact and cleverness in naming their new "Fast Express" to Chicago "The Iowa Limited." This train places the Rock Island compet-

See the
Knabenshue Airship
Fly Over
the State House
August 27th.

MAKE AN EXHIBIT OR
Spend Your Vacation
at the

Reunion of
War Veterans and
G. A. R.
Campfire
August 28th.

IOWA STATE FAIR



KNABENSCHUE "AUTO-AIRSHIPPING" OVER WASHINGTON MONUMENT, JUNE 18, 1906

ONE OF THE HIGH CLASS ATTRACTIONS TO BE SEEN AT THE IOWA STATE FAIR, AUGUST 24-31, 1906

DES MOINES,
IOWA,
AUGUST 24-31, 1906.

FOR ANY AND ALL INFORMATION IN REGARD TO THIS GREAT EVENT ADDRESS

J. C. Simpson, Sec., Des Moines, Ia.

Iowa Day, August 31st.
The biggest Day
of all.
See the Grand
Live Stock Parade.

Cash Premiums \$40,000.

"The Greatest Annual Live Stock and
Industrial Exposition on Earth."

Half Fare
on
all Railroads
Beginning
August 23d.



WE CURE
ALL MEN'S
DISEASES



Reliable Doctors

WE are the oldest established firm of Specialists in all diseases and weaknesses of men in the west. We cure after others fail. This is why men travel across the continent to consult us. We treat all Chronic, Nervous and Special diseases, Nerve Debility, Loss of Strength with attendant evils, Varicose or Knotted Veins, Rupture, Blood Poison, Skin Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

Reference, Any Bank or Business House in the city.

CONSULTATION FREE
Write if You Cannot Call.

Drs. Fellows & Fellows Co.
323 W. WALNUT ST., DES MOINES, IOWA

GINSENG is a money making crop. Why not grow it in your garden? Our stock is northern grown. We can start you. Roots and seed for sale. Write us today; literature free. Gilbertson Nursery Co. Address, Dept. M., St. Ansgar, Iowa. (Est'd. 1878).

When writing to advertisers please mention this paper.

itors in the "back row" and is Des Moines' "pet train."

Leaves Des Moines 10:55 p. m., arrives Chicago 8:15 a. m. On the return leaves Chicago 10:00 p. m., arrives Des Moines 7:00 a. m.

The equipment is superb—new coaches and chair cars, Pullman's latest sleepers and mission style diners—electric lighted.

While on the subject of trains we must mention the other good trains.

The Chicago local leaves Des Moines at 6:45 a. m. and arrives in Chicago at 7:35 p. m.

The Rocky Mountain Limited leaves Des Moines at 7:50 a. m. and arrives Chicago at 5:15 p. m.

The Colorado Fast Mail leaves Des Moines at 12:40 noon and arrives Chicago at 10:25 p. m.

The Chicago Express leaves Des Moines at 5:25 p. m. and arrives Chicago at 7:00 a. m.

The Eastern Express leaves Des Moines at 9:35 p. m. and arrives Chicago at 7:17 a. m.

Coming back from Chicago it is just as you desire it.

Leave Chicago. Arrives Des Moines.

7:30 a. m. 9:00 p. m.

8:30 a. m. 6:00 p. m.

10:00 p. m. 7:00 a. m.

10:32 p. m. 9:00 a. m.

11:30 p. m. 11:00 a. m.

2:15 a. m. 11:00 a. m.

The arrangement for sleeper Chicago to Des Moines on "Fast Mail" train leaving Chicago at 2:15 a. m. is especially made for those who desire to take in the theater and get home before noon the next day. The sleeper is open for occupancy at 10 p. m.

There is nothing too good for Des Moines people and the Rock Island lines are surely giving them what they want.

WINTER SEED WHEAT

62 BUSHELS PER ACRE. That's the yield of imported "Malakoff" winter wheat. This wheat was imported by us from Russia, near the Black Sea, five years ago. We have grown and sold thousands of bushels of it. It has been thoroughly tested everywhere. Is as hardy as rye. Many experimental stations pronounce it the largest yielder, surest cropper and best quality of milling wheat grown. Seed wheat circular with full descriptions of winter wheat, rye, timothy, clover and other grass seeds mailed free with sample of "Malakoff" to all who want to make a change of seed. Write today. Address.

RATEKIN'S SEED HOUSE,
Shenandoah, Iowa.

Seed Winter Wheat and Rye

SEND for our descriptive list of the best that grows. You will get what you order, and an honest deal. We tell you why and how. Address.

J. B. Armstrong & Son, Shenandoah, Ia.

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

60 Bushels Winter Wheat Per Acre. THAT'S the yield of Salzer's Red Cross Hybrid Winter Wheat. Send 2c in stamps for free sample of same, as also catalog of Winter Wheat, Rye, Barley, Clovers, Timothy, Grasses, Bulbs, Trees, etc., for fall planting. John A. Salzer Seed Co., La Crosse, Wis.

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

When writing please mention this paper.

OUR HOME DEPARTMENT

All communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

WITH THE EDITOR.

"During the busy season on the farm, the indoor management should provide well-cooked meals promptly, keep late papers handy, and try to make life easy for the outdoor toilers."

It pains us to admit it, but the fact is that sometimes "the indoor management" does neglect the comfort of "the outdoor toilers." It may even be that some women of this Home Department are not providing well-cooked meals promptly, are not placing the late papers handy—in a word are not doing all they might, should, could, to make life easy for "the outdoor toilers."

There are all kinds of women. Some are "no count" because they were ill born and have not overcome the evil effects of their birth and training. The woman whose mother was "no housekeeper" and so failed to teach her daughter housewifely arts and to nurture in her housewifely instincts of cleanliness, daintiness and thrift has small chance of becoming a good cook and a tidy housekeeper. When such a woman gets a home of her own, as a rule, she does as her mother did, possibly not as well; her work is done without system, and cleanliness, is conspicuous by its absence in her house and well-cooked and promptly served meals unknown in the family.

Then there are other women who are no better although they had good mothers and good training, they could not be taught, wouldn't learn. As children they were selfish and lazy, as young women indolent and pleasure-loving, as wives they are slatterns and gossips. Frequently she nurses some imaginary ailment, always she is a social parasite of whom the world would be well rid.

Closely related to the women last mentioned are those whose fond, foolish mothers did the housework while the girls played the piano or dawdled over fancy work. When such girls marry they are apt to have a sort of scorn for the homely duties of life. Useful tasks do not appeal to them, they like to make a cake or a salad, but they object to bread making and churning, they "love" to embroider, but they "hate" to mend or patch. The last thought of such women is "to make life easy for the out of door toiler." Their one ambition is to make life as pleasant as possible for themselves, and they pursue their ambition serenely unconscious that they may be disappointing legitimate hopes, that they may be making life hard for others.

There are other women who fail to satisfy the expectations of the out of door "toiler," but they are unrelated to those of whom we have been speaking. They form a class, two classes rather, entirely by themselves.

A wife is usually not only a housekeeper, but also a mother. She has not only the care of the household, but the care of children whose coming, more often than not, has impaired her health. With the best intentions in the world the mother of a family cannot be the wife, the housekeeper she should. Children, especially during the first ten years, make large demands upon the mother. The young mother is languid when she is not actually weary, her husband and her house are bound to be more or less neglected where, as so frequently is the case, everything depends upon her. The lot of the outside toiler may be arduous in the busy season, but if the father and such a mother could slip not only into each other's shoes, but into each other's skins it is safe to prophesy that before a week the husband would be registering a vow that never again would he find fault with his wife.

When a good girl marries the man who has won her affections her dearest ambition is to be to him the very best wife a man ever had. There is nothing she would not do for him and nothing she would not sacrifice for him, she cooks his favorite dishes and she gives him the best of everything, she effaces herself and finds her highest pleasure in ministering to his comfort. It sometimes happens that the wife who begins by thinking that nothing is too good for her husband ends up by thinking that any old thing is good enough for him. When this happens it is pretty safe to suppose that the wife has tired of playing a lone hand. When consideration is



THIS TRADE MARK

is the best way to tell the Dodd & Struthers Lightning Rod from an imitation.

Burned on the end of every spool, for your benefit; but to get the benefit you must see that it is there.

Look for it and be sure it is burned on the end of the spool, and that it looks exactly like this cut. Write for free booklet.

Also make the agent show you his Agent's Certificate. Be sure he has it; read it for yourself.

Our Rods are so good that our competitors try hard to make something like them, something just as good, and there are some good counterfeits; but you can get the genuine by seeing the Trade Mark and Agent's Certificate.

DODD & STRUTHERS, DES MOINES, IOWA



all on one side it becomes a sort of boomerang, it wounds the most vital parts, it paralyzes the springs of action and gradually makes of duties one time glad some an intolerable weariness—and so it comes about that some meals are not well cooked and not cooked in time and that the outdoor toiler is not met with the smile so generally considered to be his right.

A clever minister can write a half dozen sermons on the self same text, I could write at least one other editorial on the quotation at the head of this article; some day I will.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Go make thy garden as fair as thou canst,
Thou makest it never alone;
Perhaps she, whose plot is next to thine,
Will see it and mend her own.

There is love that stirs the heart,
And love that gives it rest,
But the love that leads life upward
Is the noblest and the best.

—Henry Van Dyke.

The doors of your soul are open on others, and theirs on you. Simply to be in this world, whatever you are, is to exert an influence—an influence, too, compared with which mere language and persuasion are feeble.—Horace Bushnell.

HUSK MATS.

To make a husk mat, begin by taking clean, ripe corn husks. Split them in the center and dampen by sprinkling warm water over them. Hold a piece of husk so prepared between the thumb and forefinger of the left hand, letting the top of husk project an inch or more. Now take another piece and place upon the first, letting it project same as the first, toward the right. Fold the first piece over the second as in simple braiding, only be sure to insert a piece of husk each time a fold is made. Braid several yards in this manner, after which the strand may be sewed into a square, circular, or oblong shape, using a darning needle and stout twine; dampen before beginning to sew. Sew precisely as though making a braided cloth rug, and let the projecting ends of husk lie uppermost. Enough husks can be braided in an evening to make a large rug. These rugs last a long time if kept from dampness or rain. If wanted for kitchen doors, or entry, make of whole husks instead of splitting them.

Husk mats can be disposed of in town and city stores, if neatly made; and a little practice will soon enable one to produce marketable ones. We know one woman who earned her own "pin-money" by the making and sale of husk mats.

TO GET RID OF BED BUGS.

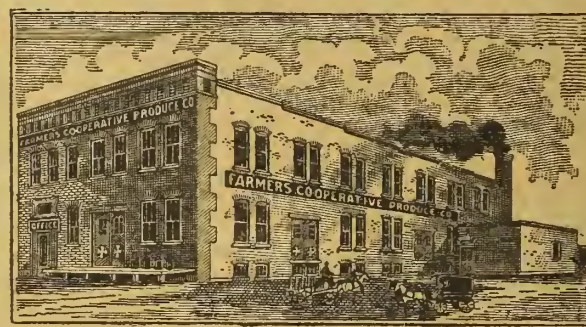
H. B. Geer, of Nashville, Tenn., in the Epitome, says: Get a quart of wood alcohol and four ounces of corrosive sublimate, putting the latter in the alcohol, where it will quickly dissolve. Make a "swabber" by means of a soft rag tied firmly on the end of a stick, after being wrapped about it several times so as to make a sort of ball. Dip it in the solution and after taking the bedstead down, apply it to the cracks and crevices so that the stuff will run in well. This can be done by simply pressing down on the stick so that the solution will run freely from the knotted rag. Keep your hands out of the solution, for while not dangerous it is injurious to the skin. Two applications, a week apart, if thoroughly put on will rid the worst infested bed of the miserable things. Once every three months after that will keep them away. This remedy is a "dead shot"—you can count on it.

It is said gasoline applied in the same way will exterminate them.

HINTS TO HOUSEKEEPERS.

A woman who has traveled in India suggests that one of the daintiest ways of keeping a room cool in summer is by hanging curtains of an eastern grass, which is now procurable here, in the windows. These curtains are drenched in water. The air passing through the moist grass is not only cooled, but also slightly perfumed with an Oriental odor, which is peculiarly refreshing. In lieu of the grass a piece of flannel

EVERY FARMER WHO HAS CREAM FOR SALE SHOULD VISIT OUR TENT ON THE STATE FAIR GROUNDS



WE ARE the people that are getting you the best prices you ever got for your cream. In a union there is strength and we want you to co-operate with us and you make the price on your own product instead of the other fellow. If you have not yet received our plan of working send at once for our prospectus; it tells you all about our new creamery plant, the largest and finest in the state, and how you can benefit by being a member of our company. Don't fail to come to our tent on the fair ground. The knowledge of the

milk business you get from us will be worth many times over what your trip has cost you.

FARMERS CO-OPERATIVE PRODUCE CO.
B. F. Heller, President. DES MOINES, IOWA



Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not faint rain-water. Makes your building cooler in summer and warmer in winter. Absolutely perfect, brand new, painted red two sides. \$1.50 is our price for our No. 15 grade of Flat Semi-Hardened steel roofing and siding, each sheet 24 inches wide and 24 inches long. Our price on the corrugated, like illustration; sheets 22 inches wide x 24 inches long \$1.60. At 25 cents per square additional we will furnish sheets 6 and 8 feet long. Steel pressed brick siding, per square \$2.00. Fine Steel Beaded Ceiling, per square \$2.00. Can also furnish standing seam or "crimped" Roofing. **WE PAY THE FREIGHT TO ALL POINTS EAST OF COLORADO** except Oklahoma, Texas and Indian Territory. Quotations to other points on application. **Satisfaction guaranteed or money refunded.** We will send this roofing to any one answering this advertisement C. O. D., with privilege of examination if you will send us 25 per cent of the amount of your order in cash; balance to be paid after material reaches your Station. If not found as represented, you do not have to take the shipment and we will cheerfully refund your deposit. **Ask for Catalog No. W-500.** Lowest prices on Roofing, Eve Trough, Wire, Pipe, Fencing, Plumblings Doors, Household Goods and everything needed on the Farm or in the Home. We buy our goods at sheriff's and receiver's sales. **CHICAGO HOUSE WRECKING CO., 35TH & IRON STREETS, CHICAGO**

dipped and wrung out of cold water may be hung over the window screen.

In hot weather, when stocks and gravies are kept from day to day, it is well to reheat them each day, putting them into freshly scalded jars. In spring and autumn, when the weather is mild, every other day will be sufficient. Keep them in as cool a place as possible.

To keep flies out of the larder sponge the windows daily with a weak solution of carbolic acid and water. You will not be troubled with flies if you attend to this faithfully.

PLUM RECIPES.

Preserved Plums.—Pour boiling water over the plums, then remove the skin. Make a sirup of one pound of sugar and a teacupful of water to each pound of fruit and when boiling hot pour over the plums. Let it remain over night, then drain, boil again, skim and pour over the plums. Let them remain in this another day. Then put over the fire in sirup and boil until clear. Remove with skimmer; pack carefully in jars; boil the sirup thick, pour over the plums and seal.

Plum Jelly.—Take half a gallon of half-ripe plums, put them in a porcelain kettle, cover with water and let boil ten minutes. Pour off the juice and strain through a jelly bag; add one pound of white sugar to each pint of juice and boil until it will harden when cold. This will require from twenty to thirty minutes boiling.

Plum Sauce.—Boil three quarts of half-ripe plums fifteen minutes; rub through a colander; add one pound of sugar, one teacupful of apple vinegar, half a teaspoonful each of ground cloves, mace and cinnamon; again place on the fire and boil for half an hour. Seal while hot and keep in a cool, dark place.

Spiced Plums.—Boil half a gallon of plums five minutes; pour off the water and add three pounds of sugar, one teaspoonful of ground cloves, allspice and cinnamon and

SPENCER'S LATEST HAY PRESS INVENTION

Makes a 100-lb. bale with 2 feeds in less than a minute. A 14x18 Box Press—one feed to the circle. If it cannot in a short test double the capacity of any other firm's make of two horse perpetual press making two or more feeds to the circle, no sale and freight refunded. Write for our free catalog.



J. A. SPENCER, Dwight, Ill.

one pint of vinegar; boil half an hour, stirring constantly. Seal while hot.

Plum Pie.—Pare and halve enough red plums to fill a deep pie shell; pour a rich sirup over and let stand two hours. Cover the pie plate with rich paste; brush with white of egg; fill with the fruit; dust a heaping teaspoonful of corn starch over the sirup; make a lattice-work of paste; put a bit of butter in every open space; sift sugar over the top and bake in a hot oven. Serve cold.

IT TAKES A WOMAN.

A man may stop a foaming horse that's tearing down the street,
May stop an enemy's advance amid the battle's heat;
In fact, stop almost anything in situations trying,
But not a single man alive can stop a baby crying.

AMONG OURSELVES.

Some little time ago I read about a "Nature Book," in which the owner, a

lover of God's out-of-doors, kept notes of all kinds. She made a record of the comings and goings and doings of citizen Bird, jotted down descriptions of sky effects—the glory of sunrise, the pagantry of sunset, the play of clouds in calm and storm—and made little studies of trees and flowers. As I read I decided to tell the friends about this book so rich in possible pleasures, the coming of a fine letter from Mrs. Cornelius recalled my intention and so this week our meeting is having the benefit of two good ideas along the same line—the wisdom of making the Book of Nature a means of grace:

Something from outdoors? Why, certainly. We couldn't send much from indoors when we spend so much of our time outside with garden fruit, chickens and sometimes the hammock. My contribution shall be a few extracts from my old note books, with the memories they recall. Here is the first entry, made after reading "Birds Through an Opera Glass," and deciding that I could learn something for myself: March 27th—A large flock of birds came to our groves this morning. A thin, sweet chirping song attracted me first. The hedge was full of little brown birds, which I take by the tiny patch on the breast, the ashen under-color, and the lifted brown cap, to be tree sparrows. Dozens of downy woodpeckers—I wonder if I didn't see double?—crept up the tree trunks and skimmed about the grove, one alighting quite near me. They worked spirally about the trunks and posts. A third bird was with them, of which I had only a glimpse. It was dusky above, lighter below and showed white in flying. (Later.) They were Juncos (snow birds.) They came near the house, working among the dead leaves and flying into trees when startled, or to play. Every new description was numbered boldly on the margin and referred to by number till the name was found. May 24th—Had a good view of No. 7 this morning. A pair of them are in the blackberry bushes. I am sure there is a nest, for the little lady scolded like a wren, but her husband looked on unconcerned. What a joy that vireo's nest was to me, through all the season, till the fledglings left it, and I cut the twigs and put it in my little museum.

Next week we shall have a second set of extracts from Mrs. Cornelius' delightful book, meantime I hope some other friend will give us something which will serve to incite us to wild wood rambles in the autumn.

There are some fine topics for discussion reposing in our Among Ourselves cupboard, but I doubt if there is anything better in its way than what "Dessie" is about to suggest to us:

Having been invited by the able editor of Among Ourselves to write upon some subject of general interest I have concluded to do so. Our editor has specified that we bar religion, politics and woman suffrage, so I must cast about in my mind to find some other subject relative to farmers, their lives and their families, or in other words I must simply come right home and talk about "Ourselves" "Among Ourselves." The editor furthermore says our letters may not be our own views, but that we either must affirm or deny some certain fact, and some of the other sisters may then write and express their views. So I'll resolve my letter into a debate as follows: Resolved, that farmers as a rule are very liberal-hearted people. Your writer will now take the negative side, for nearly all the farmers I know are quite stingy. I don't know of very many around here that contribute to any church regularly; I haven't seen any of them taking a few bushels of potatoes or apples to any deserving widow, and I really cannot remember that any of the farmers hereabouts ever went to town on one of our holidays with a fat chicken, duck, or turkey as a Thanksgiving, Christmas or New Year's gift to the poor, and I wonder how many farmers wives do any charity work whatever? Have any of you ever taken a little roll of butter or a dozen fresh eggs to some unfortunate person in the adjoining town as a gift, or how many of us ever send some of our nice fruit, jellies, or vegetables to the hospitals, charity or orphan's homes? And we would miss this so little and they would appreciate it so much! No; we women folks can't take time to bother our heads over these things so I guess we're stingy, too. There may be farmers who contribute to the civilization of the heathens, or they might give a wandering beggar a small sum, but they would be more likely to tell them to work for it, and nearly every pedler, traveling preacher, book agent, or other traveler will tell you that they sometimes have to travel for miles before anyone will take them in and entertain them for the night, and I guess none of us are afraid "lest we entertain angels unawares." Then in the fall some of us stingy women folks will take the new school ma'am to board, charge her up for every meal, whether she eats it or not, charge her for every handkerchief we wash for her and begrudge her a little cob heating stove in her room,

and then ourselves and grown daughters talk about her all over the neighborhood if she gets any of the young men to take her home on Friday evening instead of walking from five to ten miles in any kind of weather. Yes; we're all liberal, the men folks especially, for at the end of the year after farming in partnership with the Lord (for while we sow, tend and reap, he sends his sunshine and rain) why they puff all up, never even thank the Lord, never even dedicate a penny to his service, but just pocket it all. If the women folks want anything extra they can sell butter and eggs or board the school ma'am, and the men take all the credit. Yes; we're very liberal, and the town folks should take example.

Is there, or is there not truth in what Dessie says? I am curious to see how the circle will take what is, in effect, a sort of arraignment. A friend Among Ourselves writes: "I consider the discussion of the large versus the small family one of the, if not the most important thing that has ever been brought up in our meetings. If I had the pen of a ready writer I should consider it not a privilege so much as a duty to add my mite. Hoping to help though I cannot write myself I send you the following which was written by a friend of mine:"

It is very easy for the president and those who sympathize with his views on "race suicide" to point to instances where the mothers of large families have preserved health and good looks. These are not rare when the mothers are required only to bear the children and can have all the help they need in caring for them, but show us the women who have borne many children and from necessity have been the nurses, cooks, seamstresses, etc., for their families as well, and their appearance will tell a different story unless they have slighted the work of making their households comfortable and have lightly passed over the duties of home maker. Often these duties are so multitudinous that no time is left for what should be the sacred privilege of every mother, viz., to see that the moral development of the child is not neglected. But, alas! the physical needs are so very evident that they must be attended to, and the hours are so short for the weary round of work, and so the days slip by while the child falls into this habit or that error which will mar its character and impair its usefulness for life, and all this because there were too many demands on the mother. Many a man and woman can look back to their childhood and see how they were deprived of the counsel which was their right and which would have made them strong to face life's temptations and fight its battles; therefore, can we wonder that to them "Honor thy father and thy mother" has not the force this divine command should convey. If parents would always first consider their responsibility for the physical, mental and moral characteristics of their offspring there would be fewer human wrecks than there are today, and if all gifted in the use of tongue or pen would urge the necessity of producing more perfect specimens of the race instead of increasing the population without regard to quality, we should have less need of almshouses, asylums and penitentiaries—outward evidences of indiscriminate reproduction which is far more to be deplored than so-called "race suicide."

If husbands and wives would read Mrs. Cornman's letter together would not the general good be served? I think it would. Reform in this direction calls for co-operation of the father and the mother.

Miss Nellie Schain wonders if anyone Among Ourselves can give her a little poem whose every other line is "Keep ago'in'." As most of us need encouragement in the line of keeping ago'in' response to this call will bless more than Miss Schain anticipated.

M. E. R. comes in response to my call of a fortnight ago, in good time for tomato canners:

Noticing your request for a recipe for canning corn and tomatoes I will send you my way of canning tomatoes. Wash ripe tomatoes, then scald them, remove the peeling, cook thoroughly. Usually there is enough juice when you put them on to cook without adding water. To can in tin, set the cans near your kettle or vessel of boiling tomatoes, fill full, set on table, heat sealing wax, drop a drop or two of lard into the hot wax to keep it from cracking. If tomatoes in your cans have settled down a little, fill up, put on the top, pour wax round in the crease. In using glass jars, set jars in plates (of course after you have rinsed out with hot water), fill full, set off, put rubbers in shallow dish, pour hot sirup out of your tomatoes over them; put lids in something and pour scalding water on them again; fill jars up full, put rubbers and tops on hot, letting them be as sticky as possible; screw them on loosely for a minute or so, then down as tight as you can. I use a wet dish rag to help out a weak arm. When the handy boy comes round at dinner or supper time, say, "Give those cans tops an extra twist." I have used this recipe for the last two years and never had any spoiled tomatoes. I think the later in season you can tomatoes the easier it is to get them to keep well. I use the same recipe in canning peaches; have now 100 quarts of early ones canned this year; canned from June 10th to July 10th. No loss as yet, July 30th.

Dressmaking and Millinery—No. 529.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be ad-



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41ST
YEAR.

KANSAS CITY, MO.

addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] Advance hints as to fall styles as well as glimpses of the new costumes now in the ready-to-wear stock bring us some assurance as to the probable leading features, and these never come too early for us, even though we may not be quite ready to use them.

Shirt-waist costumes in the light-weight woollens as well as silks are in the lead for early fall wear, but the two-piece costume consisting of jacket and skirt of one material will be the preference a little later when there is necessity for a consideration of warmth, and before it is time for the heavier wraps.

The costume coat or jacket will have as varied forms as in the preceding seasons, only slight modifications being noted. The blouse



[5318—Nine Gored Princess Skirt, 22 to 30 waist.]

jacket with high girdle will claim much of the favor accorded the eton during the past season, and the fitted and semi-fitted hip length jackets will be much used as part of the costume.

In skirts the pleated effects of all sorts will be in favor, and all numbers of gores in the pleated as well as the plain skirts are to be noted. Some of the late models are noted in ten, twelve and fourteen gores. Many of these have extensions cut on each gore that is overlapped to form a pleat, and these pleats are either box or side pleats.

No. 5318 pictures a nine-gored Princess skirt, having only a slight corselet effect. It is snugly fitted at the waist line, the gores are stitched to some depth, below which



[5319—Girl's Tucked Dress, 6 to 12 years.]

each gore is cut with an extension that forms an underfolded pleat. The long lines

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are graceful, and the skirt when neatly fitted and finished is one of the most charming. The pattern provides for making the in sweep as shown or for cutting in round length. For a skirt that is to see general service the latter is a wise selection, and will prevail extensively in fall and winter skirts. The pattern No. 5318 is cut in sizes for a 22, 24, 26, 28 and 30-inch waist measure.

No. 5319 pictures a pretty little dress that is to be made in low neck and short-sleeved style, and that has a gümpe provided that may be worn or omitted. The fullness of both the waist and the skirt is adjusted by means of short tucks, but gathers may be used if preferred. The square yoke and short, puff sleeves are finished with bandings of embroidery. The skirt and waist are joined in a seam. The gümpe is made entirely separate and has the long sleeves and a yoke facing. By having the two styles of sleeves with the pattern one may make these either long or short as she likes, using the pattern in any way suited to individual needs. The skirt has two deep tucks and a corresponding hem encircling it. Pattern No. 5319 is cut in sizes for girls of 6, 8, 10 and 12 years. Order in these sizes (or ages) only, and be sure to say which, when ordering.

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SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON

Third Quarter. Lesson VIII. Luke XVIII, 1-14. Aug 19, 1906.

The Judge, the Pharisee, and the Publican.

Two went to pray; or, rather, say
One went to brag, the other to pray;
One stands up close, and treads on high,
Where the other dares not send his eye.
One nearer to the altar trod,
The other to the altar's God.

—Anonymous.

Most pictorial of parables! On background of temple these antipodal worshippers live and move and have a being. Jesus deals in no abstractions or generalities, no vague ratiocination. He just personifies, incarnates, concretizes truth. In the Pharisee one sees the false and fruitless; in the publican the true and successful worshiper.

How true the Pharisee is to his name, which signifies "separatist!" He stands apart to avoid ceremonial pollution, and to be more conspicuous. He strikes an attitude. He is statuesque. He is in full regalia of talith and phylactery. He stands up close, and treads on high.

He gets as close to the holiest place as a layman dares to tread. With outstretched palms and upturned eyes, he begins his self-laudation before the Deity.

"I thank Thee"—that is a promising prelude. But the next syllables dash us with disappointment. He does not recognize God as the Author of his good character or happy environment. He does not say, "But for the grace of God I might be an extortioner, unjust, an adulterer, or a publican." Depreciation would have followed a sincere confession of grace. He would have cried, "I am not worthy of the least of these Thy benefits," but haughtiness and presumption are his characteristics. He will fain confess the publican's sins for him, as he has none of his own to speak of.

He passes now from the denial of gross sins to the affirmation of his active pieties. Though the Levitical law only required one annual fast, he abstained from food every Monday and Thursday. Though Moses only exacted a tenth of certain items in one's income, he tithes all his annual gains. So, through supererogation, God is his debtor. Superlative audacity! He poses there in absolute complacency before the holiness of highest heaven.

This publican, this inferior tax-collector, has found his way to the temple with a purpose. It was an uncommon thing to see one of this class on holy ground. Whatever their faults, and however numerous, hypocrisy was not one of them. They did not pose as saints. Here was an awakened sinner. He had come up the holy hill to get clean hands and a pure heart. He had faith in the promise and provisions of the first covenant of grace.

He stands on the opposite side of the court from the Pharisee, just inside the inclosure. He dares not "send his eyes" toward the sanctuary. He keeps smiting his breast with self-accusing gesture, and keeps crying in an unprescribed, but noble collect, "God be propitiated toward me, the sinner." He attempts no pallia-

tion. He confesses, "I have sinned and done evil." He is in the oblivion and self-abandon of penitence, only conscious of the Eye that is on him from above. He tries not the ever unwise expedient of comparing himself with others. He looks at himself in the perfect law of God, that mirror that has no aberration. He is emptied of self and hungering and thirsting for righteousness. The moral universe would have tottered to ruin had he not been filled. How long think you it took for his Miserere to chord into the hallelujah of salvation?

"I tell you." That is ex-cathedra—Jesus' own decision from which there is no appeal. No one knows what became of the Pharisee. Of the party who thought so much of himself it is not deemed a matter of sufficient importance even to mention his exit. But in the court of highest heaven the indictment against the publican was ordered erased from the record. Henceforth, because of his penitence and faith, and through the mercy and grace of God, he was to be accounted just and righteous. The way home and home itself was transfigured by the luminous power of an inward experience.

Now follows what a little girl aptly called "the children's gospel." Some parents, knowing that Jesus was about to leave the neighborhood, and that another opportunity might not be afforded, pressed forward with their little folks that they might receive the Teacher's blessing. They hoped that His look and word might be caught upon the sensitive plate of the child's memory. The disciples consider it an intrusion, the waste of time that might be employed in the instruction of adults.

But Jesus encouraged their coming in the immortal words which fix unequivocally the spiritual status of child-life. They, and they alone, who resemble them in spirit belong to the kingdom. The characteristic traits of the child—trustfulness, docility, teachableness, obedience, are the indispensable requisites for citizenship in the kingdom of God.

Analysis and Key.

1. A Pictorial Parable.
Two sorts of worshipers made to live before the reader.
One false, fruitless; other, true, successful.
2. Pharisee: "separatist."
Self-laudation before Deity.
Presumption and haughtiness.
Gross sins denied.
Active pieties affirmed.
3. Publican.
Comes with a purpose.
Penitent. Believing.
Depreciation; no palliation attempted.
No comparisons.

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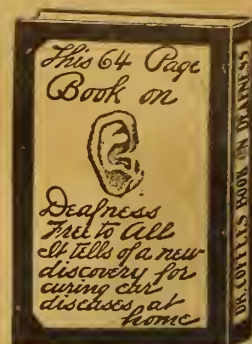
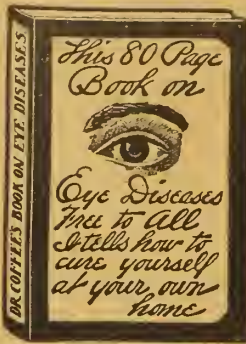
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Pilot Lad 15153 (A.), second-prize boar in under year class at Illinois State Fair, 1905, owned by Messrs. Norton Bros. & L. H. Bryan, of Neponset, Ill. See field notes.

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Hungers for righteousness.

Miserere transposed to hallelujah.

4. Jesus' ex-cathedra conclusion.
"I tell you." Exit of Pharisee unnoticed.
Publican goes "justified."
5. The Children's Gospel.
Spiritual status of child-life defined.

The Teacher's Lantern.

The great influx of pilgrim caravans to Jerusalem was probably the immediate suggestion of the parable. Multitudes were going up to pray—Jesus pictures for all and for all time the false and the true spirit of prayer.

Language of man can not produce a stronger antithesis. Here are two portraits in one frame. Spiritual haughtiness: Penitent humility. The one ugly in the extreme. The other wonderfully engaging.

How about our church-goers of today? Are their likenesses to be found in this parable?

The age-old contrast still maintains—the conflict goes on. It is still "Works" and "Faith." The effort to merit heaven:

to make God one's debtor: to pile up a surplus of good deeds: all this tends to pride, complacency, self-righteousness. This "deadly doing" must be laid down, all down at Jesus' feet.

A parallel Bible-reading:

1. The character of the Pharisee:
"And the Pharisees also, who were covetous, heard all these things; and they derided Him. And He said unto them, Ye are they which justify yourselves before men; but God knoweth your hearts: for that which is highly esteemed among men is abomination in the sight of God." (Luke xvi, 14, 15.)

2. Why the Pharisee was unheard:
"But your iniquities have separated between you and your God, and your sins have hid His face from you, that He will not hear." (Isa. lix, 2.)

"And when ye spread forth your hands, I will hide Mine eyes from you; yea, when ye make many prayers, I will not hear: your hands are full of blood." (Isa. i, 15.)

3. The Humbling of the Proud:
"And the mean men shall be brought down, and the mighty men shall be humbled, and the eyes of the lofty shall be humbled." (Isa. v, 15.)

4. God near to the Humble:
"For thus saith the high and lofty One that inhabiteth eternity, whose name is Holy: I dwell in the high and holy place, with him also that is of a contrite and humble spirit, to revive the spirit of the humble, and to revive the heart of the contrite ones." (Isa. lvii, 15.)

5. God near the Penitent:
"The Lord is nigh unto them that are of a broken heart; and saved such as be of a contrite heart." (Psa. xxiv, 18.)

6. The Exaltation of the Humble:
"When men are cast down, then thou shalt say, There is lifting up; and He shall save the humble person." (Job xxii, 29.)

HARVEST RATES.

The Minneapolis & St. Louis Railway will sell daily, during August, harvest tickets at special rate of \$14.50 from Des Moines to principal Minnesota and Dakota points, such as Fargo, Grand Forks, Minot, Devil's Lake, etc., with special certificate returning. We will also sell round-trip rates daily, until September 30th, good to return until October 31st, to Fergus Falls and return, \$15; Detroit, Minn., and return, \$16.30; Minnawaukan, N. D., and return, \$19.20; Devil's Lake, N. D., and return, \$19.75. Two sold through trains leave Des Moines 8:15 a. m. and 9:05 p. m., making the through connection with all northern lines. Call at city ticket office, 512 Walnut St., or address D. B. Ransburg, C. P. A., or W. K. Adams, D. P. A.

Echoes From a Kansas Farm

By Henry Hatch

There's always a kick coming from some folks. Now that crop prospects are A No. 1, they are going to find it impossible to get help to crib it all "without working all winter."

Took an eight-mile ride this morning, almost all before the sun came up. Reason—hogs to market. Hogs are good property now, so of course everyone wants to "go into hogs." Raisers of thoroughbreds will have no trouble selling all early this fall.

Saw a number of fields of English blue grass with seed crop still uncut. Most would have made five or six bushels of seed to the acre, too. With seed worth better than \$1.25 a bushel, it is easy to see where some western farmers have "leaks."

Some farmers seem constitutionally opposed to buying machinery. We know of one who has let a field of blue grass seed waste rather than buy a binder. He could get no one to cut it for him, as all machines were busy. This man has said that he believes there might have been \$200 worth of seed in the field. It would almost pay for two binders.

Mr. Smiley, of the Kansas Grain Dealers' Association, continues to give reports from time to time, on Kansas crop conditions. His reports are fairly reliable, and the people read them with interest, but when the Kansan wants the simon-pure thing, the report that can be relied upon, he waits for Coburn's report of actual results.

Speaking of the grain dealers' association, it is responsible for a wider margin between the local and Kansas City prices for grain than used to be the case. Time was when 6 or 7 cents was all the dealers asked between here and Kansas City, but now they must have 10. Three cents a bushel on corn means a good deal. It means the cost of husking.

The weather we had after harvest this year proved what is often asserted—it pays to stack grain. We know of several farmers who have waited three weeks on a thrasher, and their grain is still in the shock. Many of those who stacked as soon as the grain had cured have all their stubble ground plowed. The rains that kept back the thrashers made plowing unusually easy for this season of the year.

Wheat raising, with wheat selling for 65 cents a bushel, isn't an everlasting gold mine, yet eastern Kansas will have a greater acreage of wheat sown this fall than ever before in her history. It will mean a change for the ground, if not a profitable crop, but wheat ought to be worth more now than it is. Those who hold on may get more. When wheat sells for 65 cents and corn for 45, corn is king, with a free hand.

Farmers used to run their shoes out to get a mill located in their town, but they do not do that any more. We live almost an equal distance from five towns, and we never think of selling grain in the town where two mills are located. With its two mills, that town is only paying 63 cents for wheat now, while the other towns, two of which are without elevators, are paying 65 cents. The bulk of the farmers are not so keen to help others to help themselves as they used to be.

This western country seems to develop by neighborhoods. It is possible, right here in Kansas, to go less than twenty-five miles and come to a locality that is ten years behind the locality left. Why this is, it is hard to explain, unless it is that two or three good farmers have set the pace in the up-to-date neighborhood, and the others have followed. A neighborhood had far better work to locate the good farmer there than the mill or "factory" in a nearby town.

The cattle feeder is feeling dubious. With beef prices so uncertain and corn over 40 cents a bushel, it looks like a losing proposition to convert much corn into beef. At any rate, feeding operations are going to be cut down to the minimum, which may have a tendency, in time, to make better prices. Usually, with any kind of stock or grain, when everyone "goes in big" prices drop, and

WESTERN NORMAL COLLEGE.

SHENANDOAH, IOWA.

STUDENT'S R. R. FARE PAID
SEND FOR SCHEDULE

COMPRISES FOLLOWING DEPARTMENTS AND COURSES:

SCHOOL YEAR 40 WEEKS
STUDENTS ENTER ANY TIME

Normal Comprising Teacher's, Iowa State, Didactic, State Certificate, County Certificate and all courses for Training of Teachers. Accredited by State of Iowa.

Scientific A thorough, modern Scientific Course, leading to Degree B. S. One year only when student is prepared to enter it.

Literary A fine Course in Literary and other branches leading to Degree B. L. A very popular course for all who aim for culture and polish.

Classic Comprising such exhaustive and modern study of the Classics to lead to Degree B. A.

Preparatory Courses to prepare anyone of any degree of advancement or the most elementary beginner in any lines of the common branches or for any college or technical course. The best instructors have these classes.

Business Both Regular and Advanced Courses. Six to eight instructors. Finest equipments. Largest business exchange. Lowest rates. Most superior business training offered in the west.

Shorthand Courses for Stenographers, Reporters and Teachers of Shorthand. Largest and best shorthand training school in the country. Every graduate put in good position. \$40.00 for scholarship. Time unlimited.

COMPLETE BULLETIN FREE.

ADDRESS J. M. HUSSEY, PRESIDENT, SHENANDOAH, IOWA

Typewriting Courses in Typewriting to accompany every Shorthand Course. Touch System. Finest furnishings. Four standard kinds of machines.

Pen Art Fine plain Penmanship made a specialty in all courses free. Pen Art Courses at lowest rates. Taught by one of the best penmen in the west.

Music Beginning and Advanced Courses. Artist teachers. Complete Conservatory, Piano, Organ, Voice, Violin, Mandolin, Chorus, Public School Training, etc. Fine pianos and organs and practice rooms.

Elocution Best Courses taught by Specialists. Also Oratory and Physical Culture.

Correspondence Courses in most branches by correspondence. Instruction thorough, rates low.

Summer School Opens second Tuesday in June each year. All review and advanced branches for teachers and all lines of professional training. All regular courses of College open to all.

Remember Rates twelve weeks, including furnished room and board, \$39.90. Music, \$3.00 higher. Railroad fare repaid as per schedule. Enter any day.

when the majority "quit," there is soon a demand and better prices.

Five years ago an implement dealer predicted that "within five years corn

will be handled the same as small grain; cut, bound, then shredded." His prediction has not come true, mainly because all the fodder cannot be profitably used. Where a person does not want the fod-



THE FARMER'S 'PHONE

By J. SORFLATEN

Copyrighted 1906, by W. E. Ashby, Telephone Cut Out Co.

Up to date? Well I should say!

Up to date in every way,

Are the farmers of today

Isolated and alone,

Like the bull pup with his bone?

No sir; he has got the 'phone.

If some help he wants to hire;

Case of sickness, case of fire,

Messages flash o'er the wire.

Markets also are in reach,

Extras? Well that 'phone's a peach!

Long experience will teach.

Produce, will you trade or sell?

Just step up and ring the bell:

Business men the terms can tell.

And the ladies, I should smile!

Like to use it, all the while.

'Phones are certainly in style.

If you're suffering from the blues,

Just ring up and hear the news.

Call by wire, and save your shoes.

If some friends you wish to see,

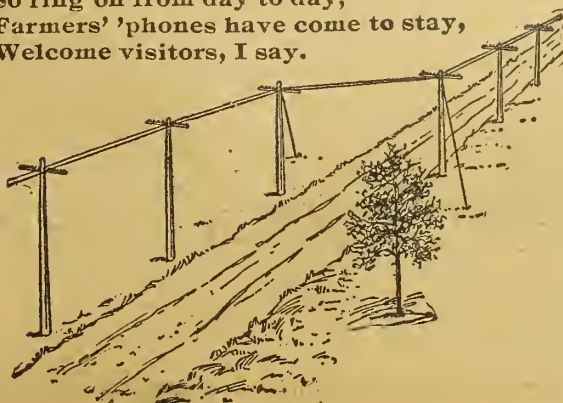
Find out if they home would be.

April fooling! Not for me.

So ring on from day to day;

Farmers' 'phones have come to stay,

Welcome visitors, I say.

AT THE IOWA FAIR POWER HALL
Get our "NO RISK" LIGHTNING ARRESTER
TO TRY FREE.

Come around to our booth, show us your name and address on a card or envelope, and put one of these No-Risk Arresters in your pocket and take it home. Try it on your telephone through a severe electrical storm. If it proves good—if you are satisfied it is the protection you need, a possible preventer of death and fire from lightning—send us \$2.00 and keep it. If not, return it at our expense. That costs you nothing. It must sell itself to you—we won't bother trying to talk you into buying it; so come around, take one home and try it.

We have good things to offer agents. Anyone can sell it. It's practical and a real necessity on all phones. Made by W. E. ASHBY TELEPHONE CUT OUT CO., 101 Square St., Chariton, Iowa. If you can't come to the Fair, write us.

der, the cheapest way to get the grain is to husk it. Handling all the fodder just to get the grain is too expensive. When a person wants the fodder, though, the cheapest way is to harvest with a corn binder, then to rash or shred the fodder from the field. When we say the cheapest, we mean if you are as short of help as the average farmer is.

Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa Section, from the central station at Des Moines, Iowa, for the week ending Aug. 13, 1906:

The average temperature for the past week was slightly above the normal in eastern half of the state, and slightly below in the western districts. The rainfall was unequally distributed, as usual at this time of the year, but all parts of the state received some benefit from the showery weather that prevailed the first half of the week. The heaviest showers were reported from stations in the Northwest, North Central, and East Central districts. In the Northwest district the heavy rains retarded the wheat harvest, and continued wet and cloudy weather caused grain in shocks to sprout. In limited areas considerable damage to spring wheat and oats resulted from the unfavorable local conditions. For the state at large, the copious rains for the week have been of inestimable value. The corn crop has been relieved at its most critical stage; pastures show marked improvement, and late potatoes give promise of an ample yield. In portions of the southern section more rain is desired within a few days, but in the central and northern sections there is an ample supply of moisture to bring all crops to maturity.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron Mountain Route will sell round-trip tickets to points in Texas and Louisiana for \$20 from St. Louis and \$25 from Chicago on the first and third Tuesdays of each month. Proportional low rates will apply from other points; also one fare plus \$2 to points in Indian Territory, Arkansas and Missouri, and \$5 from Chicago to Pueblo, Colorado Springs and Denver, with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory, which are limited to thirty days, stopovers going and returning.

Mexico: Less than one fare on the first and third Tuesdays, with stopovers.

California: Low round-trip rates on sale daily to September 1st.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2, good thirty days, on sale daily.

Remember the Missouri Pacific Railway and Iron Mountain Route reach the principal points in the above-named states without change of cars.

For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

EXCURSION TICKETS TO GERMAN VETERAN FESTIVAL AND REUNION
OMAHA, NEB.

Via the North-Western Line, will be sold at reduced rates August 31st to September 2d, inclusive, limited to return until September 4th, inclusive. Apply to agents Chicago & North-Western Ry.

....LANDS AND HOMES FOR SALE....

**We Will Take In
Registered Stock**
As part payment for some of our first class improved

North Dakota LAND

The best in America. Send for our illustrated land book. Write us what kind of stock you have and how you wish to deal.

J. B. STREETER, JR., COMPANY,

BANKERS, North Dakota
Responsible Agents
wanted everywhere.
Larimore, Capital and Surplus, \$250,000.

IOWA FARMS

120 ACRES 4 miles from town of 8,000 population; fine, level, black prairie land; well improved; good home farm. Will sell on favorable terms.

160 ACRES 6 miles from Independence; 2 miles from creamery, store and blacksmith shop; near school and church; rich land; good improvements; good orchard and small fruit; fine home.

200 ACRES 5 miles from Independence; 3 miles from a good market town; good black land; well improved.

Write for prices and terms and send for our new list with pictures.

NORTHERN IOWA LAND CO.,
Independence, Iowa.

FOR SALE

A SECTION of land in Antelope Co., Neb., located in the alfalfa and pumpkin pie belt of the state. 7 room house, horse barn, cattle sheds, cribs, stock scales, windmill and storage tanks, 3 acres fruit, 200 acres in cultivation, balance can be cultivated, all fenced and cross fenced, some tame grass, corn now growing that will yield 50 bus. to the acre, oats 50 bus., winter wheat 25 bus. Located 5 miles from the county seat. Price \$25 per acre, half cash, balance on long time payments, owner not a farmer and is offering at a sacrifice. Address, **W. T. WATLES, NELIGH, NEB.**

FARM WANTED.

I WANT a highly improved Iowa or Illinois farm worth from twenty to thirty thousand dollars in exchange as part payment for a large well watered central Missouri stock and grain farm on navigable river, 5 miles from Rock Island railroad, midway between St. Louis and Kansas City, containing 1,900 acres. Present price is \$25 per acre. This property is capable of great development. If interested describe fully and address.

A. S. LOOMIS,
909 CHESTNUT ST., ST. LOUIS, MO.

IOWA FARMS FOR RENT.

WE want 50 renters, men who have help, horses, and machinery enough to run whatever size farm they undertake. Will rent for two-fifths of the crop and \$2.50 to \$3 per acre for pasture and hayland. Only good men need apply. Send references with first letter, or come and see, and bring them with you. We want to rent early so that the renter can get the fall plowing done in season.

The Allen Land and Loan Company,
Laurens, Iowa.

FOR RENT

FARM of 760 acres, southeastern Minn., one mile from Iowa line, including 50 to 100 head of cows; all fenced, partly tiled, good shelter, with all improvements. A perfect stock and grain farm. Will easily carry 200 head cattle, 100 hogs. Good inducements for right party. Address,

FIRST NATIONAL BANK, LE ROY, MINN.

LAND SNAPS.

100 acres in Gove county, Kansas,\$5.00
100 acres in Meade county, Kansas,\$3.00
100 acres in Rollins county, Kansas,\$5.00
100 acres in Banner county, Nebraska,\$4.00
All these are prairie land and cheaper than dirt. Don't wait but write today or send check for part pay and deeds and abstract sent to your bank for you. Western Farm Land Realty Co., 908 N. Y. Life, Kansas City, Mo.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

THOUSANDS OF MEN WANTED AT ONCE TO HARVEST THE CROPS IN MINNESOTA AND THE DAKOTAS.

Low rates in effect from all points on the Iowa Central Railway. Tickets for sale daily August 1 to 31, 1906.

Splendid wages are offered, ranging from \$1.75 to \$3.00 per day, including board. For rates call on agents or for full particulars address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

MISSOURI LAND

IT'S BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement. A lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.



WE BUILD YOU A HOUSE FREE OF CHARGE

and sell you fertile land at a low price and on easy terms, within 25 miles of St. Paul and Minneapolis. This is the greatest proposition ever made to readers of this paper. You have your choice of 40 acres or more out of two million acres of the splendid lands of Northwestern Wisconsin. The price is only \$7.50 to \$12. an acre, and to give you a good start we will build your house on the land. The finest climate in the world, pure soft water, ample rainfall, fuel for years on your own land, near to the finest markets. This with a FREE HOUSE and land that will grow the FINEST KIND OF CROPS. What more can you ask? Write TO-DAY for MAPS and FULL INFORMATION.

AMERICAN COLONIZATION CO.,
Cumberland, Wisconsin

CANADA WHEAT LANDS.

PARADISE Valley, Northern Alberta, the finest farming country in the world; wheat runs 50 bus., oats 100 bus. to the acre; cattle shipped last month averaged 1,600 lbs., fattened on grass; beautiful park country with clumps of trees, mostly open prairie, gently rolling; lakes of good water, ample rainfall; deep black loam topsoil, clay subsoil; a few good agents wanted; \$8 to \$12 per acre, easy payments. Write for maps and route to **W. T. STEVENS, Mgr. Paradise Valley Land Co., 220 Endicott Bldg., St. Paul, Minn.**

OUR CANADA LAND will make you more money than anything else you can do. For maps and particulars write SCAND. CANADIAN LAND CO. Room 910-20, 172 WASHINGTON ST. - CHICAGO

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address,

HAMILTON BROS., WINTERSSET, IOWA

I CAN SELL YOUR REAL ESTATE

PROPERTIES and business of all kinds sold for cash in less than 90 days in all parts of the United States. Don't wait; write today, describing what you have to sell, and give cash price on same. If you want to buy I can save you money. **A. EDGAR DAVIS, Real Estate Broker, Home Dept., Lincoln, Neb.**



IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1906 descriptive list. Address,

J. G. SHRIVER, WINTERSSET, IOWA.

"FACTS about the Wichita Falls Country" is the title of our new illustrated folder; it contains a good map of Texas, together with reliable information concerning this section; we will be pleased to mail it upon request to those in search of a healthy, fertile country, where wheat, small grain, cotton and fruit are raised in abundance. Address, Cobb, Bean & Stone, Wichita Falls, Texas.

A 240 Acre Iowa Stock Farm

THIS is one of the best bargains in the state; 2 1/2 miles from town and well improved. Have several others just as good; also do a general land business. Address, **Frank Bissell, Dexter, Ia.**

Central Missouri Farms

IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address, **W. Ed. Jameson, Fulton, Mo.**

A BARGAIN.

A section of wheat land in Thomas county, Kan. \$17 per acre. 200 acres of wheat goes with this section. The best improved section in Thomas Co. For particulars address the owner, **H. C. Croco, Colby, Kansas.**

Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MENK, Chillicothe, Missouri.**

FARMS

In western Kansas at owners' prices. **Dodge City Realty Co., Dodge City, Kan.**

FOR SALE

Farms, Reno and adjoining counties; ranches west. Write me what you want. **A. M. Jewell, North Main St., Hutchinson, Kan.**

Eastern Kansas

I HAVE for sale at owners' prices over 300 choice improved farms of all sizes in Lyon and Coffey counties, located in the heart of the best part of

NEOSHO RIVER VALLEY

All smooth, level land, no hills, stone, sand or hardpan; best black soil with clay subsoil. No hot winds; plenty of timber, fine water, tame grasses and fruit of all kinds. Long farming season and short, mild winters. Splendid school and social advantages. A live, up-to-date business town of 1,000 population with two long distance and local telephone systems, 5 rural mail routes; 3 large, new grain elevators; best shipping facilities; 100 miles to Kansas City market. Prices cheaper and selection better than near country seats. Write for new illustrated descriptive circular. Mention The Homestead when writing

ED. F. MILNER, Hartford, Kansas

FOR SALE

240 ACRES, 2 miles from county seat. All black land and under plow. Good improvements. Good well at house and barn, flowing well in pasture. Land will grow alfalfa, red clover and timothy. Best farm in eastern Kansas. Price only \$10 per acre, terms to suit. **P. S. Bennett, Santa Fe Immigration Agent, Emporia, Kan.**

LAND, LAND, LAND.

Cheap Nebraska Lands.

WE can sell you land in Lincoln, Keith, Perkins, and Deuel counties. All rich soil, at from \$3 to \$12 per acre, and will sell you land in Buffalo, Dawson, Custer, and Phelps counties, at from \$10 to \$80 per acre. We hold the best of cheap Nebraska lands. Write us for our new price list just out. We sell dirt cheap.

W. F. SMITH REALTY CO., KEARNEY, NEBRASKA.

FOR SALE

IN FRANKLIN COUNTY, IOWA.

TWO FINE STOCK FARMS.

300 ACRES and **240 acres**. Good soil, good improvements; 1 1/2 and 4 miles from town. Easy terms to right kind of purchaser.

A. L. Stuntz, Greene, Iowa.

EXTRAORDINARY KANSAS BARGAIN.

A 2560 acre farm in eastern Kansas, one hundred miles from Kansas City, for sale in the next sixty days at the extraordinary low price of \$15 per acre. This belongs to heirs and must be sold to settle the estate. Best bargain ever offered in the state of Kansas. Some smaller bargains. For particulars address, **The Moon Land Co., Colony, Anderson Co., Kan.**

Land For Sale

640 ACRES; will sell all, half or quarter at a bargain; next 30 days, 8 miles west of Pingree, North Dakota. **Levi Jarvis, Pingree, N. D.**

FOR SALE

ONE of the best 240 acre farms in the county; best of improvements and location. \$73 per acre. Address, **BOX 664, WINTERSSET, IOWA**

Geo. W. Johnson Land Co.,
State Bank, Gary, South Dakota.



Farm Lands For Sale.

THE cheapest and the best on the market. These lands are in Minnesota and S. Dakota in fourth tier counties north of Iowa. Soil and land is like Iowa. You can raise anything in these parts you can in Iowa. Corn last year went 50 bushels per acre, wheat 25, oats 40 to 75. Timothy and clover does well in these parts. Fruit does well here. Good water and a healthy climate. We have some well improved land near town, good buildings, price \$40 per acre. Other good lands with fair improvements \$30 and grain lands as low as \$20. These are as good stock and grain lands as Iowa. You who want farms don't fail to invest in our lands. Buy ticket over C. & N. W. R. R., take receipt, bring the same to us and on any purchase we will refund the money. Write for particulars.

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF, THE LAND MAN, 415 KANSAS AVENUE, TOPEKA, KANSAS.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere, send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer, 415 KANSAS AVENUE, TOPEKA, KAN.

FREE.

A Vest-Pocket Indexed Township Map of the STATE OF WISCONSIN. This also includes information about the Selected Hardwood Timber Lands, Drained Marsh Lands, and other varieties of land owned by the state. Write me if you wish to find a new home in a good farming community. We have good climate, good water, good schools, good roads and good crops. Prices and terms reasonable. Address,

WM. J. STARR 23 Ingram Bldg., Eau Claire Wis.

GOOD LANDS

IN Great Platte Valley, Lincoln county, Nebraska. Nice smooth table land of best quality within 5 miles of St. R. town, unimproved, for \$7.50 per acre. Improved farms same locality, \$10 to \$15 per acre. Improved stock ranches, \$8 to \$17.50 per acre. Wild grazing lands from \$2.25 to \$5 per acre. Address **Buchanan & Patterson, Land and Im. Ags., U.P.R.R. North Platte, Nebraska.**

DON'T GO WRONG

and its crops, before you decide—then you'll buy here. Write to

E. E. McCall, WINTERSSET, IOWA.

MISSOURI 28 MILES FROM KANSAS CITY

160 ACRES in Jackson County, Mo., and one of the best farms in the state, with a 7-room house, and other good improvements, orchard, etc. All level land, black limestone soil. Must sell. Price \$85.00 per acre. For photographs, descriptions and full particulars, see

A. J. JONES & CO., PLEASANT HILL, MO.

KING AND QUEEN COUNTRY.

CORN is King and Wheat is Queen in northeast Kansas. Bluegrass sits in the shade of fine tall timber and judges herds of fine stock and with Alfalfa, Clover and Timothy execute the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want to S. M. Strawn, Valley Falls, Jefferson Co., Kan.

BARGAIN

For quick sale. 161 1/2 acres in Wayne Co., Iowa. Well improved, good soil. Price \$55 per acre. Mortgage \$3,000. Requires \$5,000 cash. Other land same quality in same locality selling for \$70 to \$80 per acre. For particulars write **Edith Realty & Trust Co., 544 Bee Building, Omaha, Neb.**

FOR SALE.

160 ACRES, Kossuth county, Iowa. Fine set of new buildings, five miles from two towns. An ideal stock farm, \$57.50 per acre. For full information write the owner, **G. E. Hamilton, No. 1411 24th Street, Des Moines, Iowa.**

SOUTHERN Iowa Farm for sale. 110 acres, 2 1/2 miles from town; new 8-room house, new barn and all out buildings. **Emory Kough, Belknap, Ia.**

COLORADO, ROUTT COUNTY, IRRIGATED RANCHES. B. L. Bart, Camera, Col

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

LAMBS IN HOT WEATHER.

One has said that when a lamb gets his stomach full of milk soon after he is born his chances for making a sheep are very good. The lamb has plenty of trouble and many drawbacks in growing to be a sheep. His path is not strewn with roses. There are dangers on every hand for him. Occasionally a lamb will get shut away from his dam for some period of time and will become very hungry. In the meantime the udder of the dam will have become well-filled, and when the lamb gets to his belated meal he will over-eat, which in some cases causes death. This is not a common trouble, but it occasionally occurs. It is not helped any by hot weather.

Contagious sore eyes seems to be one of the troubles that is augmented by hot weather. Most shepherds have come to the conclusion that it is contagious and it is dealt with accordingly. The contagious sore eyes are caused by a germ—no germ, no sore eyes. When lambs are so afflicted, their growth is checked and thrift cannot come. We have been troubled but very little with this disorder, but we have been successful in treating it. A small amount of coal tar dip diluted with water will make a very good eye wash, curing by killing the germ which causes the trouble. It will be a good plan to see that the head and cheeks of the lamb are well saturated with the dip so as to destroy all germs that may be lurking there.

Lambs are quite often afflicted with sore mouths, and sometimes they become so troublesome as to cause the death of the lambs. The remedy for sore mouth is found good as in the case of sore eyes. In addition to the above disorders there are all sorts of parasites which have to be treated in a vigorous manner.

WESTERN SHEEP SITUATION.

Already there is getting to be a great deal of inquiry about feeders. The present indication is that they will not be very cheap unless some unforeseen factor arises to change the present appearance. In some of the western localities where a great many sheep have been fed in the past there has been a short crop of grain and hay and it is possible that the number placed in feeding yards will not be up to that of former years. To the extent that such localities lack, to that extent there will be sheep to fill the demand in some other locality.

Owners of good wethers cannot exactly name their prices, but they can come as near it as is good for the general trade. Prospective feeder buyers are showing a commendable disposition to use a little more discrimination than in some former years. In the Chicago market it was easier to sell good, open wool seventy-pound yearling wethers and ewes, mixed, at \$5.50 than it was to get \$4.50 for heavy-hided ninety-pound wethers.

No one knows just how many sheep are available, how many purchasers there are, or what the prices will be. For making the most satisfactory gains sheep for feeding ought to be on the farms where they are fed by September 1st.

Milk Oil Dip
For
Cattle, Sheep,
Hogs.

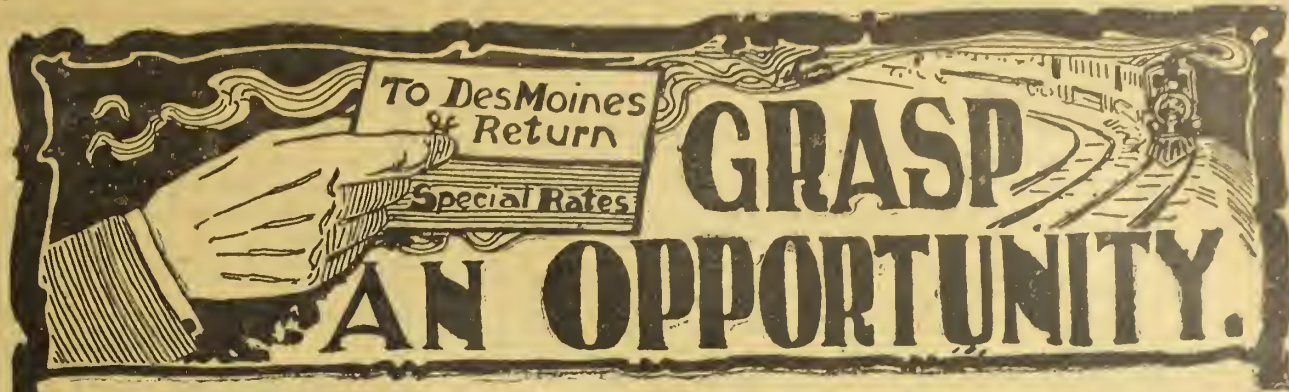
Oldest American Dip. Cheapest, most effective, strongest obtainable. 1 gal. can \$1.00, 52 gal. barrel \$40. Catalogue Stockmen's Supplies Free. F. S. BURCH & CO., 177 Illinois Street, CHICAGO.

CLOVER HILL
SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST
CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Nock, Minton, Cooper, Williams and Buttar. Also best of home-bred. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KELLERTON, IOWA

Allen's Shropshire Rams and Short-horn Bulls
I have a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.
GEORGE ALLEN, LEXINGTON, NEB.



FOR seventeen years I have been offering to those visiting Des Moines during the State Fair an opportunity to investigate my TREATMENT for CATARRH free of charge. This year special preparations have been made to give my personal attention to all sufferers who call. No charge will be made for this consultation and examination. If you did not call last year you should take advantage of this opportunity.

To those who will be unable to call I will gladly send free of charge my Complete Symptom Blanks and I will make a careful diagnosis of your case and tell you just what I can do for you. Read what those who have used my treatment say:

LEROY, Ia., May 11, 1906.

Doctor:—I can say I am much better every way. My eyes and nose and head feel all right and I have quite a lot of the medicine yet to use. I have missed only one day of using it as directed. I don't think I need any more medicine now, but I will use all you sent me before I quit.

I will praise your medicine to all who are ailing with CATARRH. Many thanks for my improvement.
Your friend,

J. W. HOOD.

LOST NATION, Ia., April 12, 1906.

Dear Sir:—I suppose you wondered why I did not answer your letters, but I thought I did not need the treatment any longer. I am letting my system rest from the treatment a while and if any of the symptoms arise again I will be sure to order more treatment. Your treatment has done a great deal for me and I will not hesitate at any time to recommend it to the afflicted.

Thanking you for your liberal offer, I remain,
Yours very truly,

HORACE B. HANSEN.

KNOXVILLE, Ia., July 2, 1906.

T. F. Williams, M. D.,
Des Moines, Iowa.

Dear Sir:—Yours of the 27th at hand. I am now feeling better than I have for some time. Before I began taking your treatment I could scarcely breathe through my nose, now I can breathe as freely as ever. My nose bled almost every day, but is entirely cured. I have a much better color than when I began taking the treatment. I shall not need any more medicine.

Allow me to say your treatment is certainly all that is claimed for it. It has done me a world of good.

Thanking you for the personal interest taken in my case, and wishing you the best of success in the future, I beg to remain,
Yours very truly, CLYDE C. DARNELL.

DES MOINES, Ia., June 27, 1906.

Dr. T. F. Williams,
Des Moines, Iowa.

I have been troubled with CATARRH for many years; have consulted different physicians and taken many different treatments. A few of them relieved me temporarily, but did not receive any lasting benefit from any of them until in January, this year. I was persuaded to take treatments from Dr. T. F. Williams.

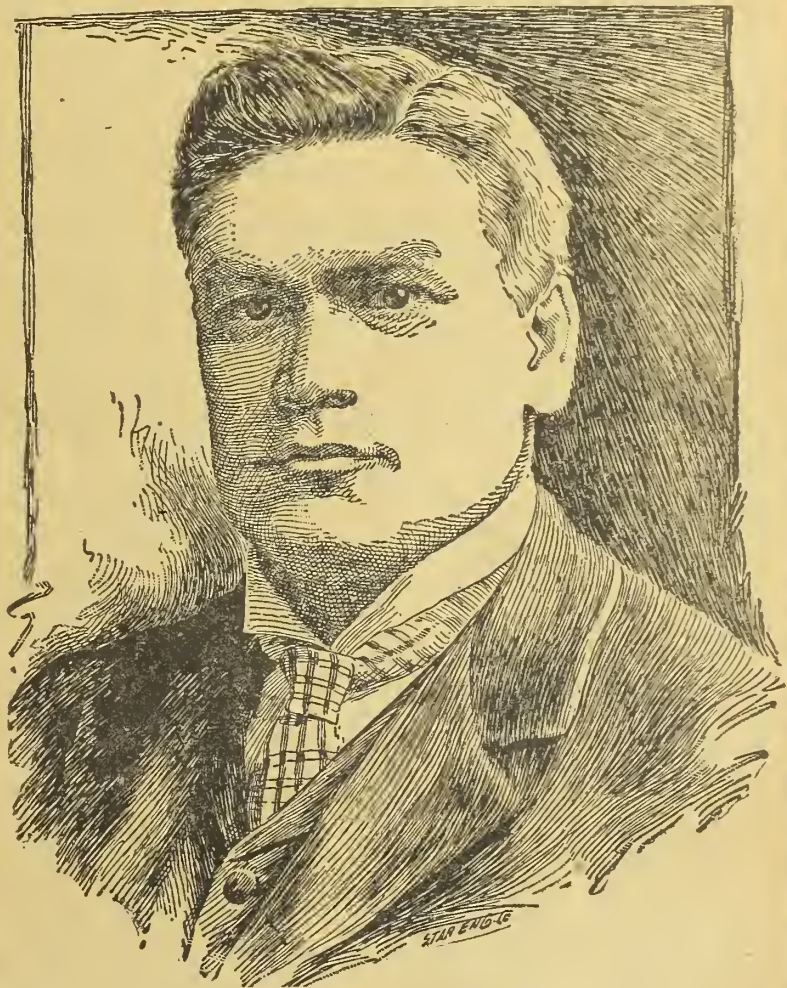
I had only taken his treatment for about sixty days until I felt that there was no necessity of continuing the treatment any longer. I was relieved from CATARRH almost from the beginning of the treatment.

I voluntarily make the above statement, trusting that some other sufferer will be led to taking treatment from the Doctor which has certainly done me a world of good.

Very truly yours,

MRS. W. M. HAGERMAN,

825 W. 17th St., Des Moines, Iowa.



T. F. WILLIAMS, M. D.,

Offices and Consultation Rooms, 211-218 Crocker Building, Corner Fifth and Locust Streets, Des Moines, Iowa.

The present appearance is that yearlings are going to be offered quicker than lambs, owners preferring to graze the latter another year. There is no objection to buying the yearlings, as they will withstand more grief than lambs, but will not be so well suited to feeding a long time.

SUMMER VACATION IN COLORADO.
LOW RATES VIA ROCK ISLAND LINES.
Colorado, as a place for recreation, is the choice of many thousands of summer tourists.

Colorado is a land of clear, pure air and golden sunshine. It is a land of sparkling mountain streams and glassy-surfaced lakes. There are more enjoyable things to do, more grand sights to see in Colorado than any other place under the sun.

From June 1 to September 30 Rock Island Lines will sell summer tourist tickets at rate of \$21.75 from Des Moines, Iowa, to Denver, Colorado Springs or Pueblo and return. Return limit October 31. July 10 to 15, inclusive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.

This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.

Very low rates will also be in effect to Glenwood Springs, Colo., Salt Lake City and

Ogden, Utah, Yellowstone National Park and to the Pacific Coast, with cheap rates for side trips to nearby points of interest en route.

New and improved train service via the Rock Island is an important feature for the Colorado traveler to consider.

Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of Twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory which are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st

to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific Ry. and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

EACH TUESDAY THIS YEAR

THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 614 Walnut St., Des Moines, Iowa.

NEW YORK AND RETURN \$18.00

Plus \$2.00 via Erie R. R. from Chicago. August 28th and 29th, good to return until September 4th, inclusive, good to stop over at Saegertown, Cambridge Springs, Pa., Chautauqua Lake, N. Y., and Niagara Falls. Apply to your local ticket agent or write J. A. Dclan, T. P. A., Erie R. R., Chicago, Ill.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Sept. 20, A. F. Russell, Savannah, Mo.
 Sept. 20, A. W. H. Orr, Lorimer, Iowa.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Skeen, South Auburn, Neb.
 Sept. 26, Peek & Putnam and Lamh Bros., Tecumseh, Neb.
 Sept. 26, W. A. Craver & Son, Fillmore, Ind.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, John Weighton, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Osborn, Weston, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, E. Z. Russell, Blair, Neb.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Senneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Groat, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelbina, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Alldritt, Friend, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Skinner & Welch, Bedford, Iowa.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 17, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. G. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manilla, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 26, O. L. Mossman, Polk City, Iowa.
 Jan. 26, A. L. Mossman, Radcliffe, Iowa.
 Jan. 28, H. B. Griffiths, Bowen, Ill.
 Jan. 28, Claud Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Norris & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Ed. A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Aisin, Boone, Iowa.
 Feb. 12, Harry Riffin and C. T. Rogers, at Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelbina, Mo.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 28, Albert McMahon, Craig, Neb.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Aug. 17, Wm. Smiley, Malcom, Iowa.
 Aug. 22, Claus Johnson & Sons, P. Hancher, G. Hewlett and T. H. Fisher, Rolfe, Iowa.
 Aug. 23, L. Brodsky, Plover, Iowa.
 Sept. 7, Combination sale, D. J. Cronin, Mgr., O'Neill, Neb.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. Janes, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Rohb & Son, Morning Sun, Ia.
 Oct. 23, T. A. Davenport, Belmont, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.

HEREFORDS.
 Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Vou Seggern, Wisner, Neb.
 Sept. 23, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.

POLAND CHINAS.
 Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meese & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Jas. Watson, Madrid, Iowa.
 Feb. 12, Dan Needham, Woodward, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.

ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.
 Sept. 14, Combination Sale, J. F. Schoby, secretary, Algona, Iowa.

SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Fautett, Mo.

ABERDEEN ANGUS.
 Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.

POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.

SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

Public Sale of 150 Choice Breeding Cattle

IN THE NEW AMPHITHEATER,
 HAMLINE, MINNESOTA,
 DURING THE STATE FAIR,
SEPTEMBER 3 TO 8, 1906.

50 ANGUS WILL BE SOLD
 TUESDAY, SEPTEMBER
 4TH, AT 1 P. M.

50 HEREFORDS WILL BE
 SOLD WEDNESDAY, SEP-
 TEMBER 5TH, AT 1 P. M.

50 SHORT-HORNS WILL BE
 SOLD THURSDAY, SEP-
 TEMBER 6TH, AT 1 P. M.

For Catalog of Angus and Hereford Sales write W. C. McGavock, Springfield, Illinois. For Catalog of Short-horn Sale write B. O. Cowan, Assistant Secretary, 17 Exchange Avenue, Chicago, Illinois.

Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

SHORT-HORN CATTLE AND TROTTER-BRED HORSES.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Charlton, Iowa, C. W. Huntley, Secy.

PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.

Oct. 22, L. C. Reese, Prescott, Iowa.

POLLED DURHAMS.

Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.

STANDARD BRED AND DRAFT HORSES.

Sept. 26, McNeil Bros., Bowen, Ill.

DUROCS AND SHORT-HORNS.

Oct. 27, A. P. Aisin, Boone, Iowa.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

FIELD NOTES.

Mr. John Lefebure, of Fairfax, Iowa, advertises a choice lot of Chester White boars and gilts of March farrow for sale on page 23 of this issue of The Homestead.

On page 16 of this issue of The Homestead there is advertised what is claimed to be one of the best 240-acre farms in the county. The address of the advertiser is Box 664, Winterset, Iowa.

A well improved Iowa Stock Farm is offered for sale by Mr. Frank Bissell, of Dexter, Iowa. It is a grand good bargain and \$60 will get it. Who is the buyer? He will have to hustle, as it is a splendid bargain.

The advertisement of the Gilbertson Nursery Company, of St. Ansgar, Iowa, offering ginseng roots and seeds for sale, appears on page 11 of this issue. They are sending out literature which will be of interest to those of our readers who contemplate the raising of ginseng.

We take pleasure in calling the attention of those wanting farm lands to the G. W. Johnson Land Company advertisement on page 16. We can recommend Mr. Johnson as being an honest and upright man, and will say to the public that conditions will be found as he represents them.

We would call attention to the advertisement on page 16 of Paradise Valley Land Company, Endicott Bldg., St. Paul, who are leading dealers in the wheat lands of western Canada. We prefer our people to remain in the States, but if you think of investing in Canada, you cannot do better than consult this company, who have 200,000 acres in the very best district of northern Alberta, Canada.

The Allen Land & Loan Co., of Laurens, Iowa, make the announcement on page 16 of this issue of The Homestead that they want fifty renters; men who have the health, horses, and machinery to run whatever sized farm they undertake. Any reader of this paper who desires to rent a good Iowa farm should send his references with the first letter, or go and visit the above firm, as they wish to rent early that the tenant may get the fall plowing done in season.

A few letters from sheep breeders who have fed Wormine manufactured by the Iowa Stock Food Company, of Jefferson, Iowa: Gentlemen:—Replying to your favor of recent date will say that I am well pleased with the results I have obtained in feeding Iowa Wormine to my sheep. I kept it mixed with salt where my sheep could get it as they wanted it. It kept my sheep free from stomach and intestinal worms. My sheep are in fine condition. I can heartily recommend Iowa Wormine to sheep men. Truly yours, H. W. Miller." Mr. G. A. Parker, superintendent of Keney Park, Hartford, Conn., writes as follows, under date of June 1, 1905: "In reply to your inquiries of May 5th regarding the results obtained by the feeding of Iowa Wormine to the sheep last year, will say that we consider it a decided benefit, so much so that we

are using no other, and have, as you know, ordered a considerable quantity for this year." Mr. Geo. Groff, of Wellman, Iowa, writes as follows under date of May 8, 1905: "The Iowa Worm Powder I ordered of you last October for sheep was a success and also the Iowa Wormine. My sheep are in good health and good condition. I had less dead lambs and less born dead this year than any other year. I have been in the sheep business seven years. I advise all sheep men to feed Iowa Wormine to their sheep. I shall not be without it."

Mr. C. J. Martin, of Churdan, Iowa, makes the announcement that he will sell at his farm at Adaza, Iowa, on May 19, 1907, a draft of fifty Aberdeen Angus cattle, almost entirely all of which are of his own breeding. His herd is now in pasture and doing fine. He says that he is not making any preparations to attend the shows this year, as both he and his cattle are taking a rest. Crops in Mr. Martin's locality, he reports, never looked better than they do at the present time.

The illustration of Dude's Wonder appears in this issue of The Homestead. This grand yearling is owned by Mr. John Schmal, of Sutton, Neb. Mr. Schmal will show this grand yearling at the Nebraska State Fair and will certainly be in line to make a good showing for his herd. Dude's Wonder is one of the best sons of Nemo L's Dude and is very much the type of the old animal himself. The herd of hogs owned by Mr. Schmal represents the blood of Nemo L's Dude, Chief Tecumseh 3d, and Mogul. Look up this hog at the Nebraska State Fair.

On page 23 of this issue, over the address of lock box 447, Collins, Iowa, there is offered for sale a bay trotting-bred stallion, age two years. The advertiser writes us that while this animal is not recorded he is said to show more breeding than the average recorded horse. It is not often that one of this kind of horses appears for sale and it will pay any of our readers who are looking for an animal of this kind to investigate this offer. The advertiser have no use for the horse and will sell him at a price that will make it an inducement for someone to buy.

The First National Bank, of LeRoy, Minn., is offering for rent a 760-acre farm, situated in southeastern Minnesota, within one mile of the Iowa line. There are between fifty and 100 head of cows on the farm at the present time. It is all fenced, partly tiled, has good shelter, and all necessary improvements, and is considered to be a perfect stock and grain farm. It will carry at least 200 head of cattle and 100 head of hogs. The bank will make good inducements to the right party. If there is any reader of this paper who wants to rent a good farm, this is a fine opportunity. See the advertisement on page 16.

Messrs. W. A. Lang & Co., importers and dealers in Percheron, Belgian, Clydesdale, Shire, French Coach and German Coach stallions, in remitting for advertising already done, write: "Horses are all doing well and sales are still going on. We have recently sold one of our new importations of Belgian stallions to a company of German farmers near Colesburg, Iowa, which is about ten miles from our stables. We have also sold a Belgian to a company at Ricketts, Iowa, one at Shawnee, Okla., one at McCloud, Okla., and one at Wanette, Okla. Our stables are full of good ones and we will import again this fall. We have built another new barn and expect to be compelled to build another this fall."

It is only about a week now until fair time, and a great many of our readers are planning their trip to the fair, making their arrangements and getting ready to have a grand, good time such as always can be had by attending the Iowa State Fair. There are a great many interesting and instructive things to be seen at the fair and among them is the exhibit of Messrs. Dodd & Struthers, the lightning rod men, of Des Moines, Iowa. We call the readers' attention to this exhibit especially because almost every day reports come to us telling of buildings being struck and damaged by lightning. The losses from this source are very great and after having watched the business of Messrs. Dodd & Struthers for a number of years we wish to say that none of this damage is caused where their rods are used. We feel sure that we can do our subscribers and friends a great deal of good if we can only get sufficient interest aroused so that they will post themselves on this matter and learn how their buildings may be properly rodded according to the methods and system of this firm. We feel safe in saying that no institution in Des Moines stands better in business and in financial circles, and assure you that any dealings you may have with them will be entirely satisfactory to yourself. A visit to Messrs. Dodd & Struthers' factory would also be a profitable trip and can be taken without additional cost, as their factory is located at 720 Sixth avenue, just four blocks north of the Union depot, and can be reached by a Sixth avenue or a West Ninth street car, but it is only a five-minutes walk from the Union depot. You can do yourself good by seeing Messrs. Dodd & Struthers' exhibit on the fair grounds and going to their factory can learn how their rods are

PILES

FISTULA--NO MONEY TILL CURED

MR. C. P. KINNEY, GLENWOOD, IOWA, WRITES:

"It is with the greatest satisfaction to myself and family that I can write you today that I am a well man and have been since taking your treatment for Fistula in April, 1902."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....
Town..... State.....

made and see the work done. See advertisement on page 12.

Ohio Chief boars are being offered for sale by F. A. Strong, of Orient, Iowa.

W. N. Booth, of Danbury, Iowa, offers some great bargains in Poland China boars.

Mr. Grant White, of Afton, Iowa, offers a grand lot of Proud Advance pigs for sale.

Some good Shropshire rams are offered for sale by Mr. Geo. Allen, of Lexington, Neb.

Four good young Short-horn bulls are offered for sale by Mr. W. E. Cutler, of Corydon, Iowa.

Now is the time to buy that large Yorkshire and Mr. F. Rabeller, of Leigh, Neb., has some good ones.

Mr. Carl Hansen, of Herman, Neb., is now booking orders for Durocs, either sex, for September delivery.

Anyone wanting a good Duroc Jersey boar can get one at a reasonable price of Mr. W. A. Peterson, of Lyons, Neb.

Read the Duroc Jersey advertisement of Harman Gruver, of Brewster, Minn., if you want to buy a good sow. He also has a fine bunch of boars on hand.

Mr. G. E. Hamilton, of Des Moines, Iowa, has a 160-acre farm for sale. His advertisement, giving further information appears on page 16 of this issue.

A few very choice Duroc Jersey boars are offered for sale by Mr. J. A. Wehr, of Portsmouth, Iowa. These are sired by one of the best sons of Proud Advance.

The E. J. Ingwersen Manufacturing Company, of Lyons, Iowa, are placing a new style of wire gate on the market. Their advertisement appears on page 6. Write them for full information.

Messrs. Reubel Bros., of Rockwell City, Iowa, are offering three young Short-horn bulls for sale sired by Victor of Hilton 3d. They are making a special price on these if taken right away.

Mr. Wm. Cash, of South Amana, Iowa, has requested The Homestead to name November 13th as the date on which he and others will hold a public sale of Aberdeen Angus cattle at the new pavilion at Holbrook, Iowa.

Read the Poland China advertisement of Messrs. Wm. Ray & Son, of Defiance, Iowa, if you are after the tops. They have a nice litter by the great boar, Impudence, and other good boars. Write them if you want a boar.

Mr. August Post, of Moulton, Iowa, is advertising binding twine for corn harvesters on page 4 of this issue. Mr. Post is a responsible dealer and The Homestead would recommend him to those of its readers who wish binder twine.

Mr. T. A. Davenport, of Belmond, Iowa, is offering Shropshire rams for sale from his Pike Timber Creek flock. He has a good lot of yearlings got by the imported ram, Lord Byron, some of which are out of imported ewes. See announcement on page 23.

Mr. A. W. H. Orr, of Lorimer, Iowa, claims September 20th for his fall Duroc sale. Mr. Orr will put up a nice lot of pigs and we trust Duroc admirers will be on hand to attend this sale. At a future date announcements of the sale stuff will be given.

Forty good Poland China boars from the Pike Timber Creek herd, the property of Mr. T. A. Davenport, of Belmond, Iowa, are offered for sale in his advertisement on page 23 of this issue. These boars are sired by Mr. Davenport's herd boar, Superior Sunshine 92455.

One of the best known and most reliable Duroc Jersey breeders in Minnesota is Mr. Wm. Malcolm, of Bigelow. He has a splendid lot of those good Malcolm's Model sows in his brood and they have farrowed some excellent pigs this year. He has some good ones ready for the trade.

Messrs. T. W. Stoner & Son, breeders of Duroc Jersey swine, of Heary, Ill., advise us that they have decided to cancel the date that they claimed, October 10th, to hold a fall sale. All their best males therefore will be sold at private treaty. They report the sale of several head the past week.

The new advertisement of the J. W. Pedigo Lightning Arrestor appears on page 4 of this issue. This little instrument is a preventive of danger by lightning during thunder storms. It is simple and easy to install. Write Mr. J. W. Pedigo, of Lucas, Iowa, for circulars, which will be sent free. He also wants agents.

Mrs. Laura Mather, of Clarksville, Iowa, in ordering the insertion of her advertisement on page 23 of this issue, writes: "I have raised about 600 Rose Comb Brown Leghorns this season and am now offering them at very reasonable prices, as I have too many. They are fine layers and are sure to please. First come will be first served."

Mr. E. W. Richardson, of Ogden, Iowa, has a nice crop of spring pigs. While his herd is not the largest in Iowa, yet in quality they are equal to any. Mr. Richardson raises both Durocs and Chester Whites. His crop this season will average well. At a later date the card will appear in these columns and it will set forth just what he has for sale. Mr. Richardson takes pride in describing his pigs accurately, and he does this so well that buyers when get-

ting his description depend upon it absolutely. Watch for his advertisement.

Two young Orion boars are offered for sale by A. B. Easton & Sons, of Fremont, Neb.

A section of wheat land is offered for sale at a very low price per acre by Mr. H. C. Croco, of Colby, Kan., on page 16 of this issue.

Two hundred choice Duroc Jersey pigs are offered for sale by W. J. Wendt, of Marcus, Iowa. You can certainly get a herd breeder out of this bunch.

Scotch Collies are announced to be sold at bargain prices for the next ten days by Mr. S. W. Harr, of Riverside, Iowa, in his advertisement on page 23.

Arch Brown & Sons, of Waterloo, Neb., have the best bunch of Duroc Jersey pigs they have ever raised, and they wish to hear from all those wanting boars.

Dr. H. Pritchard, of Wisner, Neb., is offering some excellent Poland China boars, sired by Wisner Chief and Big Tom 2d, his 1,000-pound boar. Size, bone and quality is the doctor's motto.

Readers of The Homestead who lose chickens from rats should read the advertisement of Mr. S. W. Harr, of Riverside, Iowa, on page 23. He is advertising Scottish Terrier puppies from recorded parents for sale.

Messrs. C. W. Daws & Son, of Harlan, Ia., offer some cracking good young Short-horn bulls for sale, among which are two sons of the champion, Nonpareil King. One of these is a show proposition for somebody.

A bargain in a quick sale of 141½ acres of Wayne county, Iowa, land is offered for sale by the Fidelity Real Estate & Trust Co., of Omaha, Neb., in their advertisement on page 16. For particulars read the advertisement and write the company.

Unimproved, smooth table land of the best quality, located within five miles of a railroad town is offered for sale by Messrs. Buchanan & Peterson, immigration agents for the Union Pacific Railway at North Platte, Neb. They also have improved farms in the same locality, an improved stock ranch, and a wild grazing ranch, prices per acre for which are named in their advertisement which appears on page 16. If interested, write the above firm for full particulars.

Mrs. L. M. Estes, of Audubon, Iowa, in sending change for her advertisement found on page 23 of this issue, writes: "I have 400 White Wyandotte chicks that are coming on nicely and I wish to sell my 1906 brood to make room for them. My hens score 95 and 96, are yearlings and I will sell them at \$1.50, \$2 and \$3 each. I have twenty-nine chicks hatched from eggs direct from Mr. J. C. Fisher's best pens and expect to head my yards next year from these."

On October 2d, Mr. C. F. Hood, of Battle Creek, Iowa, will hold a public sale of Short-horn cattle, at which time he will sell thirty cows and heifers and ten young bulls. Mr. Hood is one of the oldest Short-horn and Poland China breeders in northwestern Iowa and he intends putting up some very useful cattle in this sale. His present crop of calves on the farm are sired by Sunshine 205781, a straight Scotch bull, and a grandson of the well-known bull, Gaveston. He has about 100 spring pigs, mostly sired by Pilatus I know and he will have some good things to offer the trade this fall.

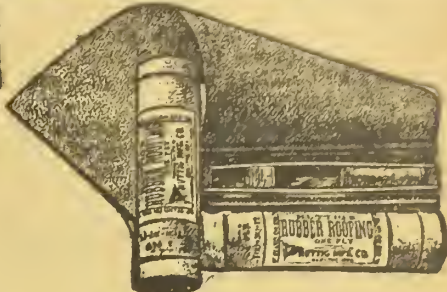
Mr. S. G. Collicott, of Lake City, Iowa, one of the enthusiastic young Duroc Jersey breeders of that section of the state, writes under date of August 6th: "I have recently purchased a fall yearling boar of Mr. U. G. Davidson, of Manson, Iowa, which I intend to use this fall. He is a son of the sweepstakes boar, Crimson Wonder I Am, and is out of Fashion Lady, one of his very best brood sows. I think he will make the boys go some another year. My pigs are doing fine and I expect to have as nice a bunch of sows for my spring sale as will be put up for sale. All my sows that I intend to sell in my sale will be bred to my new boar."

If any of our readers want a good Duroc Jersey boar they had better write Mr. T. A. McMahon, of Craig, Neb., who starts an advertisement in this week's issue of The Homestead. He is one of the best young breeders in the state and we say this advisedly and he has some good things to offer the public who are out for a good Duroc Jersey pig. He has one litter of five males sired by Trone's Oom Paul that are going to make something very good, and another litter by Duroc Standard, a grandson of the noted sweepstakes boar, King Perfection, are big, rangy fellows and will make large, big-boned hogs. He has several litters by Agitator, one of the best sons of Proud Advance, and these are out of his best brood sows, and there are some exceptionally good pigs among the number. We would like to say this for Mr. McMahon, that if any of our readers care to send him an order they can depend on getting just the kind of a pig that he describes, and he knows a good pig, too, so you do not need to hesitate in sending him an order. Kindly write him and mention The Homestead. See page 23.

PERSONAL CONSULTATION FREE.

During the state fair Dr. Williams is offering to all who are afflicted with catarrh and its allied diseases, consultation and examination free. Not only this, but he is offering one month's treatment free to convince the patient that his methods are effective. Special railroad rates will be made to Des Moines during the state fair. This will give you an opportunity to personally investigate the doctor's methods of treating catarrh in all its various forms. Special arrangements will be made to receive

ROOFING THAT WILL LAST.



What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.

visitors, and he will give his personal attention to all sufferers who call. See page 17.

GREATEST MEDICINE ON EARTH.

Mr. John A. Adams, of Elvaton, Md., writes to the Dr. B. J. Kendall Company, of Enosburg Falls, Vt., and says: "Please find enclosed a two-cent stamp for your 'Treatise on The Horse And His Diseases.' I have used your Kendall's Spavin Cure for two years and have found it the greatest medicine on earth for what it is intended." See advertisement on page 8.

SECKMAN'S DISPERSION SALE.

Duroc Jersey breeders intending to add new blood to their herds or who are in need of an extra good herd boar should remember the forthcoming dispersion sale of Mr. Geo. W. Seckman, of Ripley, Ill., whose advertisement appears on page 23 of this issue. Write to him for full particulars of the offering he is going to make, and apply early for catalog, kindly mentioning this paper.

HORNING DISPERSION SALE.

Mr. Geo. Horning, of Liberty, Neb., has purchased property in Lincoln, Neb., and has decided to close out his herd and move to that city. This herd is one of the strongest of the Duroc breed. He has several very strong families in the herd and the sale on September 11th will give the breeder an opportunity to get some of the good sows that have done good work for him. Watch for his announcement.

WHEATLEY AND WARD HAVE GOOD ANGUS BULLS FOR SALE.

The Wheatley & Ward herd of Aberdeen Angus cattle was founded some years ago with the object of producing the beefy type of Angus. The better families were drawn on for breeding matrons. For herd bulls this firm went out and bought the best they could buy and have mated them with their cows, using their best judgment as to how the various crosses would turn out. Few missteps in this respect have been made and as a result they have a class of bulls to offer that are the true Angus type and are thick, meaty fellows. Some herd heading material can be found in Messrs. Wheatley & Ward's herd and we take pleasure in recommending this firm and their cattle. See page 26 for their advertisement and if wanting an Angus bull write them and kindly mention this paper when doing so.

COTTINGHAM'S FORTHCOMING SALE.

Mr. Ira Cottingham, of Eden, Ill., well known to our readers as a breeder of Short-horn cattle and Poland China hogs, has selected October 9th as the date for his annual sale. Mr. Cottingham is putting into this sale twenty-five Short-horns and forty-five Poland Chinas. Several of the cows and heifers are bred to Proud Star II, by Imp. Star of the North. Mr. Cottingham's present herd bull, while others are bred to Champion Archer, his former herd bull. The cattle are a well-bred, useful lot and will please those present sale day. The Poland Chinas are of the large, heavy-boned type with plenty of quality and finish. The sire of the earliest spring pigs and all of the fall pigs included in the offering is Harcourt 34569 by Faultless Perfection II, 94441, dam Lady Lad 237094. Long Sunshine 106223 by Sunshine Chief 76813, dam Extra Long A. 23850 by Surprise Wonder 4th 53693, is the sire of several litters of spring pigs. Those of our readers who have purchased stock from Mr. Cottingham have always been well pleased and we are sure that the offering selected for October 9th sale will meet with the approval of all breeders sale day. Further particulars regarding this sale will be found in these columns in later issues.

If you are not now on Mr. Cottingham's mailing list, write him at once and catalogs will be sent promptly as soon as finished. Kindly mention The Homestead when writing.

J. R. TRIGGS' GOOD HERD OF POLANDS.

This paper is now advertising the well-known herd of Poland China hogs owned by the above-named gentleman, of Dawson, Neb. Mr. Triggs has one of the best herds of this breed in the state of Nebraska and his hogs are of the type that meet with the approval of the hog men in general—the rooney type. The great Major M. by Blain's Tecumseh is possibly as large a hog as can be found among this breed today. He is not only large, but is strong as an individual. The boar should have been shown last fall by all means. He is very strong in head and ear for a hog of his size, as well as having a strong back, good bone, very deep body and two good ends. Mr. Triggs has refused several very tempting offers for his great herd boar. The get of this grand sire is very much the type of the sire, and shows signs of making very profitable herd boars and brood sows. The offering of pigs from this herd on October 24th should be of interest to all breeders who are seeking the type that are noticeable at all times. The sows in the herd are very strong. They represent the blood of Johnson's Chief, Nebraska Chief, Sir Gaspard and many more of note. Any farmer or breeder looking for good Poland should watch this herd. Look up the advertisement on page 26.

THE AUGUST AMERICAN BOY.

Three boys in a sailboat in a spanking breeze look out from the cover page of the August American Boy. The names of Stratemeyer, Tomlinson, Alger and Harbour stand out in the text in four stirring serials now running. Every boy knows that where these names appear there is something of interest to him. The titles of the stories by these well-known writers are additional evidence of their stirring character—"In Defense of His Flag," "The Camp-fire of Mad Anthony," "The Young Book Agent," and "Four Boys in Camp." But this is not all of the good material in this number. "Silver Prince" is a story of a homing pigeon by L. C. Byce. "Follow Your Leader" by James R. Perry is a story that will appeal to young boys. "Billy's Grit" is a baseball story of absorbing interest. Boys who like stirring adventure will enjoy "Capturing a Python" by Captain Hawser. Those more inclined to the substantial will read with interest "The Nicknames of the States," by Prof. Eugene Parsons, ex-editor of "The World Today." Another instalment of "My Young Sportsman," series of articles descriptive of firearms and their use, appears in this number, with the concluding part of "Drums and Drummers" by J. C. J. Langbien, Commander of the Medal of Honor Legion of the United States. Captain McVaine occupies a page that will interest every one with his "Riga and the Butterfly," and the mere title, "The Return of the Coyote" will interest boys who like the study of animals and their ways. Humor that boys will enjoy is found in "Hennipin and Fields, Sensationalists," by John J. Biddison. "Tom's Commission Houses" by Frank H. Sweet is a story of a boy's rise to prominence in the business world through fidelity to duty. "Amigo Fritz" is a bear story by Meyer Mansbach, who has spent almost his whole life among the Indians and the wild beasts of the forest. "Robert E. Lee" is number ten of the "Boyhood of Great Americans." "How to Play Base Ball" by Professor Norris, of the Wenonah Military Academy, tells about team batting and base running. Then there are puzzles, prize essays, clever work with a pocket knife, how to make dry batteries, chemistry for boys, workshop notes, photographs, stamps, coins, and curios, and interesting matter with reference to The

Two Days Sale of Scotch and Scotch Topped Short-horns

Breeders' Combination Short-horn Sale ROLFE, IOWA, AUGUST 22, '06.

55 HEAD IN THIS CONSIGNMENT. 55

FROM THE M. P. Hancher, Claus Johnson & Son, HERDS OF Thos. H. Fisher, A. G. Hewlett.

Including a number of really choice Scotch bulls, among which is a splendid son of Carter's Choice Goods, a good Missie and a grandly bred Cruickshank Rosemary bull. There will be a good lot of Scotch-topped bulls, with exceptional individual merit.

Some of our best Scotch cows go into the sale, and it is an offering that we all feel proud of. Many cows will have calf at foot by good Scotch bulls, and all old enough will be bred and safe in calf. We extend a cordial invitation to all to be with us on sale day. Write for catalog to

M. P. HANCHER, Mgr., Rolfe, Ia.

Col. Geo. P. Bellows, Al P. Mason, Auctioneers.

Brodsky's Closing Out Sale PLOVER, IOWA, AUGUST 23, 1906.

90 Head In The Sale. 50 Head Scotch Cattle.

Including seventeen richly bred Mysies, sixteen celebrated Dorothy's, six Miss Ramsdens, besides a number of Miss Buckingham's, Lavinias, Bonnie Belles, Sweet Roses, and other Scotch tribes. There will be twelve bulls in the sale and ten of them are straight Scotch, including my royally bred Cruickshank bull, McDiarmid. I will also sell one imported Percheron stallion and one stud colt; four pure bred Percheron mares and one filly.

L. BRODSKY, Plover, Ia.

Col. Geo. P. Bellows, Carey M. Jones, Al P. Mason, Auctioneers.

PLEASE MENTION THE IOWA HOMESTEAD WHEN WRITING FOR CATALOG.

American Boy Legion of Honor and the Order of The American Boy, with sprinklings of good advice from the editor. In addition there are over eighty illustrations. Subscription price, \$1 a year. The Sprague Publishing Company, Detroit, Mich.

OAK PARK DUROCS.

Mr. W. J. Hartung, proprietor of the Oak Park herd of Duroc Jersey swine, of Maxwell, Iowa, writes that he will have five pens of Duroc Jersey hogs in Pen No. 15 at the coming state fair and that the first man who will remit \$5 will receive one of them. He says: "My pigs are coming along fine and are as good a bunch as I ever raised."

MR. J. H. MOYER, OF NEWTON, IOWA, SELLS A GOOD SHORT-HORN BULL.

The well-known Short-horn breeder, Mr. J. H. Moyer, of Newton, Iowa, whose announcement appears in The Homestead regularly, has recently sold the very good Short-horn bull, Beauty's General, to Messrs. Williams & Arhood, of Earlham, Iowa. Mr. Moyer had a number of inquiries for this bull, but the above firm came early and secured this fellow at the bargain price of \$150. Mr. Moyer has other good bulls that he will sell at prices equally as advantageous to the buyer. He is located but a short distance from Mr. H. D. Parson's Malaka herd. One trip will suffice to visit both these worthy and reliable breeders of Short-horns. Mr. Moyer reports his herd as doing nicely and The Homestead can certainly recommend him to its readers.

THE WISNER LIVE STOCK SHOW.

The fourth annual show of the Wisner Live Stock Association will be held at Wisner, Neb., September 12th to 14th, at which time there will be one of the best collections of cattle and hogs that has ever been shown in that section of the state. This show is open to the world, and while there are no premiums given, it is, nevertheless, going to be a show that breeders can afford to attend and show their stock. This section of the state has bought more high-priced stock in the last year than any other part of Nebraska and the breeders in that vicinity are exerting every effort to make this show a great success. Choice Goods, Ruberta and other noted winners will be shown here. Anyone interested should write Secretary Buck, of Wisner, Neb., at once and he will furnish you full particulars about the entries.

ADVANCE PREMIUM LIST OF THE FIRST INTERSTATE SHOW TO BE HELD AT ST. JOE, MO.

Mr. M. B. Irwin, manager of the Interstate Live Stock and Horse Show, to be held at St. Joseph, Mo., September 24th to 29th, inclusive, has issued a neat advance premium list that should be in the hands of every breeder who contemplates showing this fall. Most liberal premiums are offered and every dollar of these are hung up by the association. No breed association contributes a dollar, as their appropriations were exhausted before the Interstate show was fully organized. This shows the spirit of the men behind the show and they merit the support of the show men. It is their first annual show and is the first of three great shows, viz.: The Interstate, at St. Joseph, Mo., September 24th to 29th; the Missouri State Fair, Sedalia, Mo., September 29th to October 6th, and the American Royal, October 6th to 13th. Address Mr. M. B. Irwin, manager, South St. Joe, Mo., for premium list and complete information, and kindly mention this paper when writing.

REGISTERED SHORT-HORN SALE.

Mr. C. E. Iliff, of Milford, Ill., who is advertising the dispersion sale of the famous J. G. Withers herd of Scotch and Scotch-topped Short-horn cattle to take place at Watseka, Ill., Friday, August 24th, has issued a cordial invitation to the public to attend this sale. He writes: "In placing this grandly bred herd before you in their present condition we realize that it is doing them an injustice as well as their breeder and former owner, Mr. J. G. Withers, of Stony Creek Farm, Milford, Ill., who spent a quarter of a century in bringing the herd to its present high standard of excellence. Mr. Withers had gathered about him from all corners of the Short-horn world kings and queens of royally bred families, which, with their descendants, we are placing at the mercy of the public in this, our initial bow to the Short-horn fanciers. For the breeding and individuality of these cattle we have no excuses to offer, but their condition at the time of the sale will bear us out in the assertion that no special preparation has been given them for this occasion. In fact, one week ago there was no thought of their being placed on the market and a continuous drouth in this section of the state, which

has shortened pastures to almost the starvation point, has made it necessary for this dispersion. The buyer will therefore see them in their natural condition, stripped of the mask of flesh which too often covers up the defects and detracts attention from the real type of animal under inspection. The sale will include the imported bull Rustler 242648, an international winner, also several imported females with their produce." Interested readers should write Mr. Iliff for catalog after reading advertisement on page 25.

DOING A BIG BUSINESS.

On page 4 of this issue can be found the advertisement of the St. Joseph Harness Company, of St. Joseph, Ill. This company is composed of Messrs. C. W. Couden and C. W. Dale, both practical harness and business men. They have been engaged in this business for some time, having sold thousands of sets of harness which they are advertising, and in all their experience have never had one set returned. If you are in need of a set of single harness you will profit by purchasing one of theirs. They are making a specialty of handling single driving harness, devoting all their time to this one line, selling nothing else, hence their claim that they can sell a better harness than could possibly be obtained any place else for the same money. It would pay the readers of this paper, if ever in their city, to drop into their mammoth factory and look through it, and at the same time become acquainted with the proprietors of the establishment, both of whom are genial, affable gentlemen.

HEREFORDS FOR SALE.

Mr. W. L. Dodge, of Hubbard, Neb., has for sale a few choice young Hereford hulls and a number of females. Mr. Dodge is breeding some very choice stuff. The bulls are sired by Whitney, a grandson of Boatman, and Master Donald 2d, a full brother to Prairie Donald, first-prize bull at the American Royal and International, which was sold for such a large price. Mr. Dodge could fit out young breeders with foundation stock to good advantage. You could select a number of females that he would price at very reasonable figures that are not in any way related to the bulls which he has for sale. To the young breeder who is in search of some choice foundation stock and does not care to spend such a large amount, he will find some good bargains at this Hereford farm. He could furnish yearling heifers, open or bred, or cows ranging in age from two to four years old. His cows all have calves at foot and can be purchased at very reasonable figures. If interested write to Mr. Dodge and in writing please mention The Homestead.

BLUFFVIEW SHORT-HORNS.

Elsewhere in this issue will be found the announcement of Mr. F. A. Edwards' famous Bluffview Short-horns. Mr. Edwards is located at Webster City, Iowa, and has been breeding Short-horns in this locality for over a quarter of a century. More than twenty years ago he realized the advantage of using thick-fleshed Scotch hulls, one of the first being a son of old Imp. Spartan Hero, one of the best sons of old Barmpton (37763). Following this hull Mr. Edwards used other Scotch hulls of more or less note, but probably none, outside of the Duke of Oakland 2d, gave the Bluffview herd as much prestige as did old Lord Victor, the first Scotch bull used. For several years Mr. Edwards has been making annual sales from the Bluffview herd with marked success, attracting the attention of buyers from many states. Recently he has been fitting a few young cattle and exhibiting at Des Moines, simply to give the breeders of the state who had not attended his sales an idea of the character of the Bluffview Short-horns. This year he will be at Des Moines as usual with a herd consisting of his beautifully-bred Cruickshank hull, Secret Viscount; the splendid roan cow, Fennimore Princess, which has a beautiful hull calf at foot that will show with her. She is by Imp. Englewood and is out of the Young Mary family with six Scotch tops. It is certainly a feature not to be overlooked by Short-horn men when any breeder presents as good a Short-horn cow as Fennimore Princess with a fine big hull calf suckling. She has not only shown her ability as a producer, but also an ability and adaptability to take on flesh while suckling. Lavender Rose is a beautiful, smooth, two-year-old heifer that will be shown, sired by Duke of Oakland 2d. She is very smooth and is possessed of a lot of scale, and is the making of a magnificent matron that is a credit to any breeder. A beautiful red yearling heifer, called Edelweiss, will hold up the yearling end of the herd. She

has been a winner as a calf and promises well for the future. The heifer calf will be a beautiful roan, calved September 4th, and is a daughter of Duke of Oakland 2d. This forms the herd, so far as class contestants are concerned, but in the show for get of sire Mr. Edwards will present a beautiful red cow by Duke of Oakland 2d, a splendid Broadhooks two-year-old roan heifer, the heifer calf, and two-year-old heifer above referred to. At this particular time he is desirous of selling two good Scotch bulls; one is a red roan, four years old in August, called Great Light, a son of Imp. Red Light and out of an imported dam. The other is a roan Brawith Bud out of a dam by the Duke of Oakland 2d. This is a very smooth calf, one year old and is worthy a place at the head of some good herd. Note the announcement on page 23.

MISS COWAN'S HANDSOME POSTER.

The publicity department of the American Royal Live Stock Show is distributing a handsome, colored poster advertising this year's show, which is to be held at Kansas City, October 6th to 13th. The poster is in five colors. The central figure is that of a handsome girl, and is surrounded by a circle of heads of typical animals of the several breeds included in the show. The poster is pronounced one of the most artistic of the series issued by the American Royal. Especial interest attaches to this poster by reason of the fact that it was designed by Miss Cora E. Cowan, of Chicago, daughter of Mr. B. O. Cowan, assistant secretary of the American Short-horn Breeders' Association. Miss Cowan is a young artist of decided talent, her work having received much praise from leading artists of this country. Her pronounced success in this, her first venture in the field of poster designing, would indicate that she is destined to achieve prominence in this line of work. Ten thousand copies of this poster are being sent out to railroad stations, banks, business houses and breeders. As long as the supply lasts copies will be sent free on application to Mr. J. M. Hazelton, superintendent of publicity American Royal Live Stock Show, 1710 West Sixteenth St., Kansas City, Mo.

YOUNG MEN AND WOMEN WANTED.

There never was such a scarcity of young men in our cities, during the history of the country, as there now is. Any young man possessed of energy and ability, and who has the knowledge necessary to handle an ordinary position, is assured of good wages and an opportunity to advance to the very top notch in the business world. Almost every great business man who is attracting the attention of the world today was born and reared on a farm—country air and country food seem to be required to give a man the stamina necessary to stand the great strain of modern business methods. City boys break down under this strain in a short time and become nervous wrecks, while the country boy, or girl, who has built up under favorable country conditions, an iron constitution, wins, and wins easily, in the race for wealth and distinction with far less effort and damage to health than his or her city cousin. The man who has a good constitution to start with need fear but little that it will fall him if he takes good care of himself. Look at Russell Sage, who recently died, at a ripe old age, and who, although he passed through one of the most strenuous lives of any noted American, never knew what it was to have a day of sickness until old age drove him from active business life. He was bred and brought up in the country, and his history is the history of hundreds and thousands of other noted Americans. Young man, if you live on the farm and have energy and perseverance you stand a much better show to win in life's race than the boy who is raised in the city, if you will fit yourself to win. In a conversation with Mr. H. B. Boyles, president of Boyles Commercial College, 1504 Harney street, Omaha, Neb., a few days ago, he said: "At the present time we have calls for far more young men and women than we can fill. We have standing orders from some of the largest corporations in the West for all of the young men and women we can send them who have advanced far enough in the commercial courses to do ordinary work. If we could get twice the number of young men and women we are now getting, who have ability after short training, to hold good positions, we could place them. During the last year we enrolled over 1,100 pupils and a large majority, all that were eligible, are now holding remunerative positions. The business world is looking for good men and women as it never looked before, and the supply is short. Send in

your young men and women to the cities. We will take care of them, and I will be glad at any time to tell any young man or woman who wishes to better his or her condition how to do it if they will write me." See advertisement on page 2.

THE ARDMORE COMPANY BUYS PAYMASTER.

One of the very best purchases in the way of a Berkshire boar made so far this season was recently consummated by the Ardmore Stock Company, of Holstein, Iowa, when they secured from the noted Berkshire breeders, Messrs. A. J. Lovejoy & Son, of Roscoe, Ill., the great young hog, Paymaster 90000, at \$500. This young boar was considered one of the best sons of the great Masterpiece, and Messrs. Lovejoy & Son write us as follows concerning him: "This choice boar was reserved by us to add to our own herd and is a boar full of the true Berkshire type, having a great head and ear; fine, arched back; strong hams and the best of feet and legs. His sire, Masterpiece, needs no introduction to the breeders of Berkshires as a sire or show hog and we sold him to Mr. W. S. Corsa, of Whitehall, Ill., for \$2,500, and last week Mr. F. W. Morgan, of Beloit, Wis., bought a double grandson of Masterpiece for \$3,000, which goes to show how the breeders are after Masterpiece blood. We would not have sold Paymaster only for the fact that we had just bought a Premier Longfellow boar to use on Masterpiece sows and had selected a younger Masterpiece pig to use in the herd the coming winter. Too much cannot be said for this young boar, and we predict he will make a great nick on those Royal Majestic and St. Patrick of Ardmore sows in the Ardmore herd. We certainly think the Ardmore Company made a master stroke in securing such a grand individual to put at the head of their herd, coupled with the best blood now known to the Berkshire breed."

IMP. MUTINEER AND HIS GET.

Among the breeders of Short-horns in Missouri who have exceptionally good breeding hulls is Mr. A. C. Berry, of Unionville, Mo. The writer has just paid a visit to Mr. Berry, has inspected his herd and especially the herd bull, Imp. Mutineer, and his get. As an individual Imp. Mutineer ranks among the good hulls of America, showing an amount of quality that is pleasing, a head that is good and masculine enough to denote prepotency. Going back from the head one finds Mutineer exceptionally smooth over shoulders, showing a wonderfully good front with full, rounding brisket; over crops and loin he is good, with a level line over the tall head. Like a majority of the Missie hulls he carries his thickness from end to end and has a bottom line that is in keeping with his top line. That he comes by his individual excellence by inheritance will be seen by all who study his pedigree. He was bred by the late Mr. W. S. Marr, of Uppermill, Scotland, and was got by Bapton Chief, he by the same sire and his dam by the same sire as Bapton Diamond, Mr. Dan Hanna's great breeding bull. Mutineer's dam, Imp. Missie 167th, is also the dam of the grand champion, Whitehall Marshal, and was got by Lord of Fame by Lord Douglas out of Lillie Fame by Dittyton Fame, used one season by Mr. Duthie and sold for export to Argentina. His bull calves for the season sold for an average in excess of \$1,000. The next sires along down the list in Mutineer's pedigree are William of Orange, Ventriquoist, etc. Better Missie pedigrees are seldom, if ever, found. As we have said before, Mutineer has the individuality, and on this our second visit to Mr. Berry's farm we are more favorably impressed with his ability to sire good stuff than ever before. Mr. Berry has a number of the get of Mutineer that are now of such age and size as to show his worth as a sire and herd hulls may be found here. Among these is a Secret, a bull that will stand inspection by the most critical. In conformation he is one of the hard ones to pick to pieces. Over the back he is a marvel for width, carrying it from end to end, with as even a coating of mellow flesh as one could wish for. His well-sprung ribs, smoothness over shoulder and evenly-proportioned quarters form a carcass that would be a credit to his ancestors, no matter where shown. His head, too, is near perfect and decorated with moderate-sized drooping horns. The man hunting for an all-red yearling herd bull should look into this proposition. Another good one is a Victoria, now sixteen months old, a red and, like all the get of Mutineer, he has the feeder's head, is a loose-hided fellow, good over crops and loin, has the desired spring of rib, the even quarters and will make a

desirable stock bull. Another Victoria and a red is a bull that should please some critical buyer. Among the other good sons of Imp. Mutineer is a Secret out of Sally 9th by Imp. Prince Favorite, the best son of Hapton Favorite, a Queen Bess out of Lurcne by Imp. Matabee Chief. The latter three are coming yearlings and will do for light service this fall and winter. Mr. Berry is pricing these bulls worth the money and those hunting herd bull material will make no mistake by investigating. See page 23 for advertisement and address, and kindly mention this paper when writing.

MINNESOTA STATE FAIR SALE OF ABERDEEN ANGUS.

Through the efforts of the Minnesota State Board of Agriculture, breeders of Aberdeen Angus cattle will participate in the series of sales to be held at Hamline during the week of the state fair. Tuesday, September 4th, is the date of the auction, and Mr. W. C. McGavock, of Springfield, Ill., who has had charge of all of the auctions held under the auspices of the National Association of this breed, has been selected to manage this sale. Some very high-class entries have been secured and the following herds are represented: W. J. Pickard, Richland Center, Wis.; W. J. Miller, Newton, Iowa; W. L. Gelbach, Lancaster, Wis.; S. Melvin, Greenfield, Ill., and Arthur Meeker, Chicago, Ill. Quite a number of the animals cataloged will be shown at the fair and are expected to be prize winners there. Blackbirds, Prides, Ericas, Queen Mothers, Heather Blooms, Minas and other leading families are represented. It is an offering that would do credit to breeders anywhere and it should be appreciated in Minnesota where was produced Clear Lake Jute 2d, that is probably the most celebrated of all fat stock show champions, be having been a champion over all breeds as a calf, yearling and two-year-old, and in his two-year-old form was awarded the grand championship at the International Exposition at Chicago. The breed has a remarkable record for the production of fat stock show champions and market-topping steers, and one of the cows included in the auction is a sister to the first-prize steer at the World's Fair at St. Louis. Catalog will be mailed on application to Mr. McGavock.

PITTMAN OFFERS CHOICE OHIO CHIEF LITTERS FOR SALE.

On page 23 of this week's Homestead will be found the Duroc Jersey advertisement of Mr. W. D. Pittman, of Lake City, Iowa, who is offering some very good Ohio Chief boars for sale, as well as a number by Crimson Wonder Jr., Orion 2d, and Leather Stockings. Mr. Pittman will be remembered as one of the good buyers at the Manley, Smith Brown, R. J. Harding and other well-known sales and it stands to his credit that he never bought a poor one. The tops always fell to the Pittman bid and in consequence he now has some of the good things to offer the boys. He has two good litters sired by the great Ohio Chief that he is now offering for sale. One of these litters is out of a granddaughter of Echo King and Duroc Challenger and the other is a granddaughter of Ak-Sar-Ben 4th. He is ready to book orders for these at any time from now on and the breeder who is looking for an Ohio Chief pig had better get in touch with Mr. Pittman as soon as possible. He has a splendid lot of other boars sired by Crimson Wonder Jr., Orion 2d, and Leather Stockings, and some of these are out of daughters of the great Nebraska Belle. Mr. Pittman has about seventy-five pigs in all this year and they are the best he has ever raised and are good enough that any breeder can go there and get a herd header. He has eight or nine fall boars sired by Tip Top Notcher out of a granddaughter of Nebraska Belle. If you are on the market for an Ohio Chief boar you should lose no time in getting in touch with Mr. Pittman. He also breeds Shire horses and Aberdeen Angus cattle and he has young stock for sale at all times. Write him at once and please mention The Homestead.

HOLBROOK DODDIES.

Breeders of improved cattle throughout the universe are always pleased to learn of the success of the enterprising, painstaking, careful breeder of pure-bred cattle. It has often been said that all the world loves a lover. This is equally as true among breeders of improved stock who love to see their neighbors and fellow breeders succeed in one of the most notable achievements of man—the further improvement of our improved breeds of live stock. We introduce to our readers in this issue a group of breeders of Aberdeen Angus cattle, located at Holbrook, Iowa county, Iowa, namely, Messrs. P. J. M. H. and Mike Donohoe, John and Michael Cash. These five breeders have allied themselves together for the purpose of benefiting the breed and disposing of their stock. Their combined herds number 200 head of as choice and fashionably-bred Aberdeen Angus cattle as can be found in America. Perhaps the greatest Angus bull of modern times heads these allied herds. We refer to Black Wood Lawn 22088, the International champion of 1902. This famous old bull is in active service and has been assisted by Wood-Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. These breeders are all located in one community and the five herds can be seen in less than one-half day of inspection. Mr. P. J. Donohoe, at whose farm Black Wood Lawn is kept, will be at the Iowa State Fair with a very creditable herd of doddies, consisting of some eleven head, all but two being the get of this famous bull. The show herd will be headed by that very select, thick-meated two-year-old bull, Morning Star 2d. This is a bull unusually smooth and even in his flesh, possessed of the proper doddie type and is a bull that will be hard to down in any show-yard company. Mr. Donohoe will show for his cow, Blackbird Favorite 2d. This cow is not a debutante this season, but has many times graced the show-yard arena; however, she comes forth this season arrayed in her best gown and more fully entitled to be called the belle of the season than at any former period. Two beautiful two-year-old heifers will uphold this class, namely, Pride of Clover Leaf and the Erica heifer, Eileen, a daughter of Heather Lad of Emerson 2d. Two nice yearling heifers, both by Black Wood

Lawn, are being fitted, namely, Black Martha and Brookside Pride 4th. In the heifer calf class, Brookside Rose 2d and Brookside Pride 5th will uphold the banner for Holbrook in this class. The yearling bull that Mr. Donohoe exhibits is one of the best specimens that has made his appearance in several years. Like all other Angus bulls, he is of absolute perfection, yet he approximates this high standard in a marked degree. He is unquestionably a bull that will have to be reckoned with in every big show this season. Summed up in a nut shell, it may be stated that in the two-year-old bull class, yearling bulls and two-year-old heifers, Mr. Donohoe will have to be consulted. This showing from Holbrook is unquestionably one that will do credit and honor to this famous locality, and we predict the merited success to which the herd and its owner are entitled. Mr. Donohoe will be pleased to meet all lovers of Angus cattle at his barns during the week of the Iowa State Fair.

A VALUABLE FREE BOOK FOR THE DAIRYMAN.

A new twenty-four-page book is being given away by the Sharples Separator Company, of West Chester, Pa., which takes up the subject of business dairying and the science of making cows pay. Wasted food is wasted money, as every dairyman and farmer knows. To thoroughly understand what foods make muscle, blood and milk, and what foods produce heat and fat, is to have the secret of successful dairying. Business Dairying tells in a practical way what foods are best for the dairyman to feed and why. It also touches on the care of milk and cream, butter making, churning, working and packing, as well as how much milk for a pound of butter. The selling value of cream is another point taken up, and how wastes can be turned to profit. A close study of Business Dairying will reveal many ways to the intelligent dairyman for cutting off losses and improving every opportunity to save. Another feature of the book is "Stable Hints and Suggestions," and the value of manures. While the practical experience of dairying is usually and best confined to the local conditions there is enough valuable information in Business Dairying to more than pay for the time and trouble in writing for it. The points to be observed in judging cows will be worth many dollars in selecting dairy cattle. This is illustrated with table of points to be considered and diagram of the perfect dairy cow. Profitable dairying is in the "knowing how" and this book tells in a brief, intelligent way how to reduce the cost of milk production and how to cut off the waste. A postal card addressed to the Sharples Company as above will secure you the book without cost. Be sure to mention the Homestead when writing for "Business Dairying."

LAST CALL FOR THE ROLFE COMBINATION SALE.

Breeders who intend going to the L. Brodsky sale should make it a point to be at Rolfe, Iowa, on August 22d, when they can attend the combination sale under the management of Mr. M. P. Hancher. We have called the attention of our readers to this sale in previous issues, and desire to repeat that anyone who is in search of a good young bull or well-bred cows and heifers will find them in this offering. The cattle are a representative lot, there being a number of Scotch bulls and some good Scotch cows and heifers in the offering. They come from the herds of Claus Johnson & Son, M. P. Hancher, A. G. Hewlett and Thos. H. Fisher, all well-known breeders in the vicinity of Rolfe. Messrs. Claus Johnson & Son are selling ten head, four of which are young bulls. One of these is a richly-bred Mysie, about sixteen months old, a red in color and a good individual. Here is a herd bull for some man and he will bear inspection on sale day. They also sell a good Scotch-topped Young Mary bull, sired by Aberdeen Prince and out of Shaffamade, one of their best cows. They sell two other Aberdeen Prince bulls and are all red in color. Among the females that they sell is a good five-year-old cow with calf at foot by Victor Prince. Another good cow that they sell is Charming Lady, by the noted bull, Baron Secret. She will have a good daughter in the sale by Imp. Revelry. Several others that they sell are good, useful cows and are all bred to Scotch bulls. Mr. A. G. Hewlett sells fifteen head, three of which are young bulls, sired by Aberdeen Prince. One of his best cows is Lily Louan, a five-year-old daughter of Highland Amhurst. She is due to calve in August to Baron Marr, his present Scotch herd bull. Two other cows that he contributes are daughters of Highland Amhurst. Vestibule Maid is a daughter of Vestibule and out of a daughter of Imp. True Briton and she will have a calf at foot by Aberdeen Prince. He also sells a large Ianthe cow, a daughter of Vestibule, a roan in color and bred to Baron Marr. Mr. M. P. Hancher sells eighteen head—six bulls and six heifers, the rest matured cows. Some of the best things in the sale come from his herd. One of these is the ten-months-old bull, Choice Goods Ury, a son of Carter's Choice Goods, and out of a daughter of Morning Star. He belongs to the Ury tribe and is a herd-heading proposition for some man. Another good bull that he sells is Brawith Bud, by Golden Lad and out of Imp. Rosemary. This is a large roan bull and will make a 2,500-pound bull when matured. He also contributes one of the best Scotch cows in the sale—Mina of Oak Ridge 2d. She is a splendid individual and she will have a good bull calf at foot by Gloster Prince. He is selling several other good cows and heifers that are worthy of mention, but we will let the catalog and the cattle speak for themselves on sale day. Mr. Thos. Fisher is selling eight head—four females and four

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All of these valuable periodicals for the low price of \$1.25 a year, if ordered within a reasonably short time, as for sufficient reasons, we must reserve the right to withdraw this unusual offer at any time.

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bulls. One of the best bulls in the sale will be sold by him. He is a son of Prince of Athene, his former herd bull. He sells a well-bred Bates cow with calf at foot by Prince of Rosebud and he also sells a good Scotch-topped heifer. All those who attend this sale can get to the Brodsky sale on the following day. Write to Mr. M. P. Hancher, of Rolfe, Iowa, for catalog, and mention The Homestead.

BARBER'S PREMIUM CHESTER WHITES.

One of the very best herds of Chester Whites in the state of Iowa is owned by Mr. J. L. Barber, of Harlan, whose advertisement is appearing regularly in The Homestead columns. Mr. Barber showed last year at the Iowa State Fair, also at the Pottawattamie county and the Shelby county fairs, where he won, all told, twenty-eight premiums, consisting of eleven firsts

and two sweepstakes over all breeds. Mr. Barber is now using at the head of his herd the prize-winning boar, Captain 14119 and he is the sire of the most of his present crop of pigs. He was a winner of first in yearling class at the Iowa State Fair in 1904, also at the Minnesota State Fair, and was first and sweepstakes winner at Sioux City the same year. He was also first and reserve champion at the World's Fair the same year and was a first-prize winner in 1905 as well. He also has a number of good things in the herd sired by Monarch Jr., the boar that took first and sweepstakes at the Shelby and Pottawattamie county fairs in 1904 and he also got fifth place at the Iowa State Fair in 1905. Among the many good sows in the Barber herd is one that deserves special mention and that is Miss Hanna. This sow was a first and sweepstakes winner at the Shelby and

Pottawattamie county fairs in 1905 and she won third at the Iowa State Fair the same year. He has a number of her get on the place and they are worthy a place in the herd of any Chester White breeder. Mr. Barber has a grand good herd and he has a crop of boars and sows now on the place that are hard to beat. He is now booking orders and he will ship at any time. If any of our readers want a boar or a sow they will do the proper thing by writing to Mr. Barber at once and mentioning The Homestead.

THE JOURNAL OF AGRICULTURE.

The St. Louis Journal of Agriculture, founded in 1866, has been purchased by the Lewis Publishing Company, publishers of The Woman's Magazine and The Woman's Farm Journal, St. Louis. For over forty years the subscription price to the Journal of Agriculture was \$1.00 per year, and the first move of its new owners was to reduce the subscription price to fifty cents per year. However, the Lewis Publishing Company believe that the people should know what kind of a paper the Journal of Agriculture is before paying even fifty cents in advance for a year's subscription, and they are offering the Journal of Agriculture ten weeks for ten cents so that the people may take the paper ten weeks at this nominal price and see what kind of a paper the Lewis Publishing Company is going to give them at the regular price of fifty cents per year. Their advertisement, giving full particulars, appears in this paper on page 4.

CRITICAL TIMES FOR PIGGIE.

The Iowa Stock Food Company, of Jefferson, Iowa, have solved the problem of how to keep pigs, sheep and cattle healthy. Directions: Hogs—For disinfecting and cleansing feeding floors and sleeping quarters sprinkle with one part Iowa Dip to 100 parts water. The best method to clean hogs of lice and mange is by dipping. If animals are sprinkled they should be wet thoroughly with the solution. In dipping hogs for lice use one part Iowa Dip to fifty parts water. In case of mange heat the water to 100 degrees Fahrenheit. In bad cases of mange it may be necessary to use a solution of one part Iowa Dip to forty parts water. Animals should be dipped two or three times, a week between dippings, in order to destroy lice that may hatch out from nits that are on the hair and to destroy mange parasites that may develop. Sheep—For a sheep dip for ticks, maggots or lice, use one part Iowa Dip to fifty parts warm water. For scab on sheep use one part Iowa Dip to fifty parts hot water, and give a second dipping in ten days. In bad cases of scab it is sometimes better to dilute one part to thirty-five parts hot water. In case of scab, animals should be held in emulsion one to two minutes. For a disinfectant around sleeping quarters and feed lot, use one part to 100 parts water. Cattle—For a cattle dip or spray, for lice, use one part Iowa Dip to fifty parts water. For mange, itch or scabies use one part to thirty-five or fifty parts hot water, the strength of the solution depending upon the virulence of the disease. Water should be kept at a heat of 100 to 105 degrees Fahrenheit and the animals held in the solution one to two minutes. A second dipping should be made within ten days for scabies, and in extremely bad cases a third dipping may be necessary.

THE BULL OFFERING IN THE BRODSKY CLOSING OUT SALE.

The dispersion sale of L. Brodsky, at Plover, Iowa, on August 23, furnishes a particularly strong lot of Scotch bulls. In fact nearly all that go into the sale will be Scotch, there being about twelve all together. Included in the number will be the herd bull McDiarmid, one of the most richly bred Mysie bulls used in the West. He is a large, thick-fleshed bull, with a splendid breadth of beam and a very mellow fellow. His get in this sale is all the recommend he needs as a breeder, and proves him a valuable herd bull. While calling attention to the herd bull it should not be overlooked that there is a splendid lot of young Scotch bulls also that will afford buyers a splendid selection from which to secure a choice herd header. Several are of the same family as McDiarmid, and a number are of Brodsky's favorite Cruickshank Dorothy family. The oldest of the young bulls is Douglas 233215, a two-year-old bred by N. A. Lind and sired by Imp. Morning Star, while his dam was Imp. Lady Blanche Douglas, by the Duthie bull Scottish Victor. Douglas is a dark roan of good type, and is mellow fleshed and full of quality. The rest of the bulls, except one, are reds, and nearly all are yearlings. Several are by McDiarmid, among them the richly bred Miss Ramsden calf called Lad For You, his dam being Baron Miss, by the former herd bull Baron Lavender. The second dam was Lad's Miss, a Miss Ramsden, by the Robbins show bull The Lad For Me (by the champion St. Valentine), while the next dam was by the champion Imp. Gay Monarch. This is a good big calf of the blocky type, with an extra good, smooth back, and a good, wide, short head. His dam is also in the sale. There are also one or two good Dorothys by McDiarmid and several choice ones sired by Magistrate 2d. One of these is of the Mysie family, and as the sire is a double Mysie, it makes the bull a very strongly bred Mysie. He is called Double Mysie 3d, and he is a very promising young bull, being straight lined with a good back, heavy quarters, straight legs, and a good head. His dam is Seventh Mysie of Pleasant View, one of the greatest breeding cows in the herd. Another is Lord Champion, a red calved December, 1904. He was sired by Lord Craibstone, and his dam was Bonny Bell C., by the Crawford Scotch bull Champion, while the next dam was by Imp. Craven Knight. Lord Craibstone topped John Ramsden's sale as a yearling. He was sired by Imp. Golden Crest and out of Imp. Craibstone Baroness, a granddaughter of William of Orange. Lord Champion is a straight-lined, deep-bodied young bull of good length and with a strong back. He is good enough that Mr. Brodsky has been using him some. There will be ninety head in the entire offering, and there will be an unusually attractive lot of Scotch cows and heifers. The catalog shows up some of the best Scotch breeding that will be put in a sale this year,

and those who want something of this kind will do well to attend the sale. He will also dispose of one imported Percheron stallion, four pure bred Percheron mares and one stud colt. The catalog tells the story. Write for it and mention Iowa Homestead.

HAMLIN SHORT-HORN SALE.

During the Minnesota fair an important sale of Short-horns will be held. This will be an excellent opportunity for stock men to get choice cattle to improve their herds. These cattle have been consigned to this sale by the most prominent and successful breeders of the Northwest. The following will be represented in the sale: H. F. Brown, F. W. Harding, N. P. Clarke, Col. R. A. Wilkinson, Arthur Meeker, Judge D. B. Searle, Arthur Cooper, J. B. Gilfillan, Samuel Fletcher, W. W. Brown, L. J. Norris, D. J. McLean, O. F. Henkel, Todd Bros., J. R. Hudgin and others. As beef animals Short-horns have no superiors, while they have a creditable record in the production of milk and butter. The sale will be held under the management of the American Short-horn Breeders' Association. For catalog write Mr. B. O. Cowan, assistant secretary, 17 Exchange Ave., Chicago, Ill. Come to Minnesota fair and remember the sale, Thursday, September 6th, 1 p. m. See page 13.

WRIGHT AND HIS FEEDERS WILL BE AT THE IOWA STATE FAIR.

One of the interesting exhibits that will be at the Iowa State Fair will be a full line of Wright Stock Feeders, manufactured by Mr. C. A. Wright, of Rosendale, Mo. He will have with him a complete assortment of sheep, hog, calf and poultry sizes, painted and set up and ready to ship. He has arranged for a tent 19x23 and will be located just east of hog barn No. 14 in the Duroc Jersey department, facing the street between the hog barns and the windmill. He will also have a herd of Duroc Jerseys with him which he will drive out to show the Iowans that old Missouri is not behind when it comes to breeding red hogs. Mr. Wright says he has enjoyed a good trade this season in feeders and the most encouraging feature about the whole thing is that those who purchase are well pleased. He has thousands of testimonials to this effect and he will be more than pleased to have hog men, chicken fanciers, cattle and sheep men call around at the tent and let him show them the good features of the Wright Feeder.

REUBEL BROS.' POLAND CHINAS.

The well-known Poland China and Short-horn firm of Messrs. Reubel Bros., of Rockwell City, Iowa, start their hog advertisement in this week's issue of The Homestead and they are now offering thirty head of good boars for sale sired by R's Keep On, Iowa Chief, Winning Perfection and Imperial Perfection. This is an array of herd boars that is hard to beat, combining the blood of the most noted hogs belonging to the Poland China breed. R's Keep On is a son of the champion boar, Keep On, and his dam is the noted brood sow, Expressive, that sold in the Brumback sale for \$320. She is also the dam of the Indiana State Fair winner, Missing Link. As a sire he has more than met the expectations of Messrs. Reubel Bros., and he has a grand lot of very stretchy, good-boned and good-backed pigs on the farm. He has sired a very lengthy pig combined with abundance of quality and he has put a good head and ear on them as well. Their old hog, Iowa Chief, a son of the noted Thickset, and the best son that has ever been seen in the West; has also a good lot of pigs to his credit. This boar has been in use in the herd for some years and has proven himself to be an excellent breeder. They also have boars sired by Winning Perfection and Imperial Perfection. They have purchased some of the very best brood sows from the most noted herds and the pigs that they are now offering are out of some of these same sows. They will sell a number of sows sired by R's Keep On and Iowa Chief and they are good ones. The boys have aimed to breed a large, heavy-boned hog combined with sufficient quality to make him acceptable anywhere, and they have that kind in abundance. They guarantee satisfaction and when they send out a pig they know he is all right or they will make it good. If any of our readers want a Poland China boar or a sow they can feel that they will get what they order if they send to Messrs. Reubel Bros. See page 23.

MAUPIN & APPLGATE AND THEIR DUROCS.

Among the progressive breeders of Durocs in northeast Missouri is the firm of Messrs. Maupin & Applegate, of Shelby, Mo. These gentlemen are breeding the Durocs because they like them and it is their object to breed a class of hogs that will command the attention of the breeders of the corn belt as well as the farmer who raises the pork hog. With this object in view this firm have recently made some purchases of herd boar material. Among these is a boar from Mr. S. R. Murphy, of Savannah, Mo. He is from Mr. Murphy's great Nebraska Belle gilt and was got by Ohio Chief. Messrs. Maupin & Applegate had to pay a long price for this young boar, but after looking the field over they considered him good enough. Another boar, recently purchased, was a son of Proud Advance and out of a sow bought at Messrs. Sheldon & Son's sow sale. He was secured from Mr. A. E. Poush, one of Iowa's more progressive breeders. From the herd of Mr. Ed A. Baxter, of Pawnee, Ill., a son of the Illinois champion, Buddy K., was purchased. His dam was got by the great Tip Top Notcher. With these three boars Messrs. Maupin & Applegate feel that they have strengthened their herd greatly. Their former herd boars were Paul Kruger (got by Kruger and out of an Oom Paul sow), Missouri Chief, and Bowman's Top Notcher (got by Goldie's Top Notcher). Their sows were got by good boars of popular breeding and are a good, useful lot of breeding matrons. On October 17th Messrs. Maupin & Applegate will hold a sale of boars and gilts and on Feb. 15, 1907, they will hold a sale of bred sows and gilts, at which time the buyers of bred sows will be given an opportunity to get the blood of their three new herd boars. Until the sale days come around these gentlemen will have nothing to offer, as all their spring and

\$25

From St. Paul to

North Pacific Coast Points

Sept. 15 to Oct. 31, 1906

The opportunity of the year to go West on Low One-way Colonist Excursion Rates, applying to Montana, Idaho, Washington, and Oregon. Secure a farm in the great irrigation districts, where the yield is enormous and crops are independent of rainfall.

Three Transcontinental Trains in each direction daily. Large 18-section Pullman tourist sleeping cars. Stopovers west of Billings, Mont., except between Logan and Garrison, inclusive. Write C. W. MOTT, G. E. A., St. Paul, Minn., for information about land, etc. For details of rates and train service write

E. D. ROCKWELL, District Passenger Agent,
318 Citizens Bank Bldg., Des Moines, Iowa.

To Helena and Butte \$20; Spokane and Ellensburg, \$22.50; Portland, Tacoma, Seattle, Ashland, Ore., and Astoria, Ore., \$25.



Northern Pacific Railway

St. Paul and Minneapolis to the Pacific Northwest

A. M. CLELAND,
General Passenger Agent,
St. Paul, Minn.

fall stuff is being held in reserve. Watch for future announcements and remember that Messrs. Maupin & Applegate will enjoy entertaining you sale day.

HULBERT'S POLANDS.

Mr. Chas. H. Hulbert, Oakland, Neb., the bustling and wide-awake Poland China breeder, and the man that made the highest average in the West last year, writes about his present crop of pigs: "I wish the readers of The Homestead could see a draft of sixty spring boars that I have selected for my early trade. Among the draft are one litter, farrowed January 1st, of six sows and three boars. This litter will average 200 pounds. I expect to show the gilts at the Iowa State Fair. They are by Oakland's Prospect and out of Diamond Dust. If they don't find a place down at Lincoln it will be a hog show. Oakland's Prospect is coming along just as you would naturally expect, and he also is slated for the capital. I will show one of his yearlings, called Cain. His dam, One Thousand, is the only sow we ever bred to Oakland's Prospect that raised Cain, and we will let the boys see how well she did the work. Breeders can expect to see the best lot of sows ever sold in Nebraska next February, when we put up the cream of 200 head. It just seems to me I never had a more promising outlook. I am going to take a few boars and also a like number of gilts from our March crop, just to show the boys what we have at home. I am issuing one of the most attractive private

sale catalogs ever published for the herd and I think they are deserving of it. I can mail them out in about two weeks. I have had several inquiries for a price on Oakland's Prospect." Mr. Hulbert has offered to sell his great herd boar, Oakland's Prospect, and some enterprising breeder is going to get a money maker if he only wakes up to the opportunity. Seven of his gilts sold in his last sale for over \$500 and ten boars brought the same. Who is the man that is going to get him? Look out for Mr. Hulbert and his Oakland's Prospects and his Chief Enterprises at the fair. If you are wanting a boar pig, write Mr. Hulbert at once. He has them good and plenty.

HIGH-CLASS HEREFORDS AT HAMLIN, MINN.

The Minnesota State Board of Agriculture has this year taken charge of the Hereford auction to be held at Hamline during the state fair on September 5th, the date following the Aberdeen Angus auction and the day before the Short-horn sale. The board selected Mr. W. C. McGavock, of Springfield, Ill., to take charge of the auction and he has succeeded in securing high-class entries for the event. The Cosgrove Live Stock Company, of Le Sueur, Minn., consign ten head, four bulls and six females, that are exceedingly useful animals and in just the condition to go on and prove prolific and profitable to their purchasers. They are sired principally by Hamline Hesiod, a bull that represents a combination of the blood

of Anxiety 4th and Hesiod 2d, bulls that made the fame of Messrs. Gudgeon & Shipson, and James A. Funkhouser. A few of the entries are sired by Minnesota Gold Bug, a bull that also combines the blood of the famous Anxiety 4th with that of Garfield, Sir Bartle Frere and other celebrities of the Shadland herd. The dams are by Hesiod 30th, The Grove 3d bull, Silky; the Wilton-Anxiety bulls, Wildy 29th, Wilton Anxiety and Wild Eyes. A daughter of Bright Duke, a son of Lamplighter, also appears in the list of dams. Mr. J. C. Andras, Jr., of Manchester, Ill., is selling some high-class show cattle sired by Prince Improver and Perfection Yet, sons respectively of the celebrated bulls, Improver and Perfection. Mr. G. H. Hoxie, of Thornton, Ill., includes the two-year-old heifer, Petunia, one of the best daughters of the champion and champion sire, Perfection. Other breeders with high-class consignments to the sale are Messrs. Tom Smith, Crete, Ill.; A. R. Haven, Greenfield, Ill.; R. A. Wilkinson, Crookston, Minn.; Zander & Tong, Goodenow, Ill.; H. J. Fluck, Goodenow, Ill.; David H. Powers, Delavan, Wis.; David Boss, Zumbro Falls, Minn., and H. F. Mussman, Grant Park, Ill. The catalog can be obtained by addressing Mr. McGavock at Springfield, Ill.

GREENE COUNTY, IOWA, DUROC JERSEYS.

Readers of this journal for many years were familiar with the name of Messrs. Wm. Roberts & Son, proprietors of the Iowa herd of Duroc Jerseys. At the time of the death of Mr. Roberts the main portion of the herd, together with the good will and name of the herd, was sold to a neighbor at Paton. Since that time Mr. L. H. Roberts, the son, has decided to rebuild the old Messrs. Wm. Roberts & Son's reputation and has succeeded admirably thus far. Mr. Roberts kept a small portion of the family that gave them their reputation, namely, some brood sows of the Ohio Anna strain. The sow which formed the nucleus for the new herd was Ohio Anna 7th. From her the herd has enlarged with the addition of a few other sows to more than 200 head. Mr. Roberts has taken into partnership with him in the rebuilding of the Roberts herd under the name of Greene County herd, his son, and hereafter the style of the firm will be Messrs. L. H. Roberts & Son. The writer of this article was acquainted with the late Mr. Wm. Roberts for about twenty years, and was probably in as close touch with him in his breeding operations as was any other living man, hence we speak from knowledge in dwelling upon the earlier history of the improvements of the Duroc Jerseys. Mr. Wm. Roberts was a scientific man, a thorough student of animal husbandry. Nature endowed him with many special gifts enjoyed by few men. Coupled with these natural advantages, Mr. Roberts was one of God's honest noblemen. Years ago Mr. Roberts recognized that the Duroc Jersey was susceptible of vast improvement. He set about single handed to make this improvement. The chief points of the Duroc that were objectionable to him were the long neck, bad feet (more designed for sled runners than for the locomotion of porkers), cat hams and hollow backs. Rarely did the writer engage in conversation with Mr. Roberts but what he would lament on these weaknesses of his favorite breed. His herd was founded in 1881 and in 1887 began the improvement of the Roberts herd. It was at this time that old Criterion 1623 was secured to commence the evolution of the Duroc Jersey. This bear was sired by Bayon 1205 and out of Belle Grinnell 3d 4514. He was bred by Mr. Chas. H. Holmes, one of the early promoters of the famous Cherry Blonches. Good results followed the use of Criterion, yet needed improvements, even on his get, were plainly visible. Criterion was of the compact, deep-bodied type, with a splendid head and ear, short neck, but lacked materially in feet and legs, as well as being slightly off in color. Hence Mr. Roberts saw the necessity of selecting another herd bear that would improve feet, back, hams and give more scale. In 1889 Exchanger 2539 was secured of Mr. Seth Macey, of Colfax, Iowa. Exchanger was Imperial 2d 2267, dam Belle of Chester 2d 6030. Exchanger, while not a handsome animal to gaze upon, worked out for Mr. Roberts the type of brood sows that he was striving to obtain. Here was laid the foundation for the present improved type of Duroc Jersey. The next prominent bear used was Panic 4107, a son of Hoosier King, dam Ivy V. In order to fix and preserve this improved type that wise old head used a bear called Allison 5267. He was a son of Panic and out of Diana, a daughter of the Iowa State Fair prize winner, Iowa Banner 2871. Young breeders may not see the philosophy of using on the herd a son of one of the leading herd bears, but the man who did more to improve the Duroc Jersey to the type of the Poland China than any other living man (Wm. Roberts) saw the advantage of using a bear somewhat inbred in order to fix a type that would not be easily lost. The type being now fixed, Mr. Roberts secured Orion, one of the most shapely Duroc Jersey bears of the Poland China type that was in existence in his day. Orion was a son of Ben Hur H. 4539, Orion's dam being Nellie C. 2d. The Duroc Jersey world needs no enlightenment on the history that has been made by Orion and his sons. In fact, Duroc Jersey circles were shaken from the center to circumference when Messrs. Wm. Roberts & Son went down the line of state fairs, capturing everything in sight with the get of Orion. Later, bears were used of Mr. Roberts' own breeding, perhaps one of the most notable being Lord Roberts. Duroc Jersey breeders have come and gone, but have been little missed; however, the name and remembrance of Mr. Roberts, the founder of the present type of Duroc Jersey, lives on to do honor to the greatest of all men that ever yet engaged in the improvement of the red hog. Messrs. L. H. Roberts & Son have about forty-three brood sows at their home farm adjoining the city limits of Paton, two-thirds of which descend from old Ohio Anna 7th. A representative of this paper spent a day with Mr. Roberts last week in review of the Greene County herd. We found two sons of Ohio Chief, also King of Iowa, in service as herd bears. The crop of about 150 pigs at the home farm give promise of furnishing some valuable stock for fall trade. Arrangements are being made by the present firm to hold the

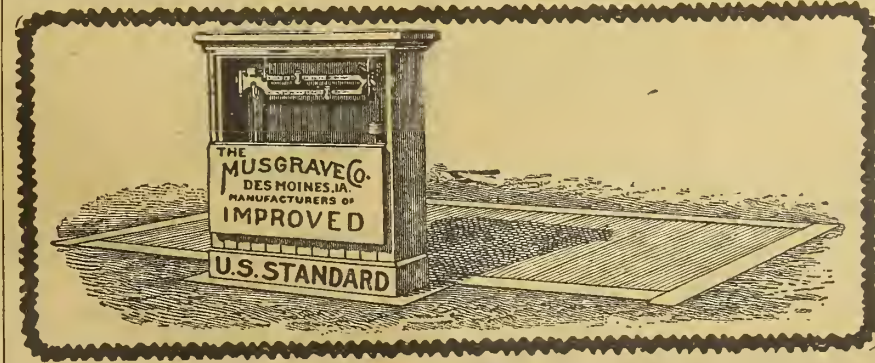
first annual sale under the new name on Oct. 23, 1907. It will consist of yearling brood sows, which are now pigs, and of the type and character that will certainly be great attractions when fully developed. The equipment for handling Duroc Jerseys by Messrs. Roberts is unsurpassed anywhere. The knowledge and experience of Mr. L. H. Roberts in training with his father for a quarter of a century in the swine industry has certainly placed him in position to know how to mold and maintain the ideal type of Duroc Jersey known as the modern hog. We predict the success for the new firm that was so rapidly achieved by the venerable Mr. Wm. Roberts in the building up of the Iowa herd. About fifty good, early spring bears are now ready to be put on the market and will be sold at modest prices, even at farmers' prices for many of them. This paper takes pleasure in recommending the new firm of Messrs. L. H. Roberts & Son.

TEST THIS HARROW FREE TO PROVE ITS GENUINE MERIT.

The American Harrow Company, of Detroit, Mich., offer to let any responsible farmer use their new Detroit Tongueless Disk Harrow a month, to prove the following: That the new Detroit takes all weight off of the horses' necks and leaves them free to pull; that it saves much of the strength of the team by doing away with the tongue which, on ordinary disk harrows, heats up the horses' legs and worries their life out in the turns; also that with this Tongueless Harrow there is none of the "side draft" common with all disk harrows. This is probably the fairest offer ever made to prove the genuine worth of one of the greatest—if not the greatest—improvements ever made in harrows. It will soon be time for fall harrowing, so get your request in early if you want one of these new Tongueless Disk Harrows. Write to the American Harrow Company, 140 Hastings St., Detroit, Mich., for their new Harrow Book. Pick out the size harrow you want and tell them. They will ship it to your railroad station, freight all prepaid—and you can take it home and use it a month to prove their claims for it. They ask you to test it out in good shape. And—if you don't find it as claimed, you can take it back to the railroad station and tell the agent to ship it back to Detroit at the makers' expense. If it is as represented, you can pay for it on time. The American Harrow Company make their terms to suit their patrons' needs. You could hardly figure out a more favorable proposition for yourself, and it is the offer of an old established house that you can depend upon to do just as it agrees. They make a specialty of these Tongueless Harrows, which they sell direct to farmers on the plan outlined above. This harrow improvement was developed in the factory of the American Harrow Company, and, doing away with the tongue and having a front truck to take all the weight of harrow frame and driver, is certainly a wonderful invention. The truck swings on a pivot and in the turns the team is free to pull, instead of having to pry the harrow about as with the old-fashioned tongue disk. Your horses are saved a lot of labor and the amount of harrowing you can do in a day is largely increased. There is a lever to control each section of the new Detroit Tongueless and these you work from the seat. To get one of these Harrows for the month's free approval test, you should write at once to the American Harrow Company for full particulars of their offer. Farmers everywhere are taking advantage of this chance, and, of course, only a certain number of the harrows can be made this season. Write today to make sure of getting one. Address American Harrowing Company, 140 Hastings St., Detroit, Mich.

Nidlinger's Duroc Jersey Sale.

Mr. J. D. Nidlinger's Duroc sale held on Wednesday, August 8th, at Decatur, Ind., brought breeders from Nebraska, Iowa, Illinois, Indiana, Ohio and Kentucky. The quality of the stock consigned to these sales is well known in Duroc circles and the breeders present got good values for their money. Mr. C. E. Kimm, of Blairstown, Iowa, topped the sale, paying \$210 for the yearling boar, J. D.'s Improver 17095. Mr. Frank M. Erschen, of Odell, Ill., being the contesting bidder. This boar was a winner of five ribbons at five shows last year, including the Ohio and Indiana State Fairs. Mr. W. F. Harris, of Morganfield, Ky., topped the female portion of the offering, paying \$200 for the yearling show sow, Grace F. 2d, Mr. W. A. Craver, of Fillmore, Ind., being the competing bidder. Mr. Craver secured an under year daughter of Longfellow that will be heard from at the fairs.



THE MUSGRAVE SCALE.

Experts have estimated that during the life of the average farm scale there are weighed products of the farm, stock, etc., to the value of \$300,000. They also estimate that there is a 5 per cent loss during this time through the inaccurate weighing, either resulting from a poor scale to begin with or the use of a scale which can be manipulated, if any one desires to defraud or practice dishonest methods. Figuring on this basis the 5 per cent loss would equal the sum of \$15,000.00. These figures are startling and demand the attention of every farmer and stock raiser. There is only one way to avoid this and that is to purchase a perfectly reliable scale in every particular. Such a scale is the Musgrave U. S. Standard Farm scale made by the Musgrave Co., Des Moines, Ia., whose advertisement appears elsewhere in this issue. The company guarantee this scale to be made of only the very best material throughout by skilled workmen and each scale sent out must give entire satisfaction to the purchaser in every particular or they agree to take it back and promptly refund any money paid. Write them for descriptive matter and best prices, or call upon them at the Iowa State Fair at their exhibit just to the right of street car entrance.

TOO LATE TO CLASSIFY.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ar Sar Ben 4th. I also have pigs by Crimmon Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for herd heads or write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN,

LAKE CITY, IOWA.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird 1st, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sows of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimmon Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains.

T. A. McMAHON,

CRAIG, NEB.

TEXAS LANDS.

WE WANT a reliable influential farmer in every community to act as our agent for the sale of Texas lands. We own 350,000 acres of the best lands in Texas. For sale on easy terms. Write us for particulars.

Snyder & Yutz, Dwight Bldg. Kansas City, Mo.

SCOTCH Collie bargains for the next 10 days. Beautiful pups. Also brood bitches. Pedigree with sale. Write at once. S. W. HARR, Riverside, Iowa.

She is No. 24 of the catalog and sold for \$100. Messrs. Taylor & Son, of Kokomo, Ind., secured a March boar sired by Hanley at \$152 that will be heard from during the show season. Messrs. Taylor also secured the yearling show sow, Red Silk 39500, at \$100 and were liberal bidders throughout the sale. Mr. Frank M. Erschen, of Odell, Ill., secured Hanley 2d, a half brother to Hanley, both out of the same dam, at \$100. Mr. Erschen was a liberal bidder and secured many good things at reasonable prices. Messrs. Hood & Baker, of Dunlap, Iowa; Mr. Smith, of Panama, Iowa; Mr. Ira Jackson, of West Milton, Ohio, and Mr. Ollie Markley, of Bluffton, Ind., were among the liberal bidders and secured bargains for their persistency in bidding. Colonel Reppert opened the sale with a very strong plea for Duroc interests. He was followed by Colonel Keil, and he by Colonel Luther, who made a very instructive as well as strong talk on the breeding of Durocs. Colonels Carrell and Bowers also assisted in making the sale a success. Below is found a list of animals selling for \$25 or over.

No.	Price.
1 Ira Jackson, West Milton, Ohio.....	\$62.50
2 F. M. Erschen, Odell, Ill.....	100.00
3 T. W. Logan, Portland, Ind.....	55.00
4 Same	35.00
5 Taylor & Son, Kokomo, Ind.....	82.00
6 J. D. Kemper, Decatur, Ind.....	50.00
12 Jacob Isch, Pulaski, Ind.....	34.00
13 S. B. Paulding, Portland, Ind.....	29.00
17 H. E. Browning, Hersman, Ill.....	50.00
18 F. M. Erschen	40.00
19 Chas. Magley, Decatur, Ind.....	52.50
20 O. E. Markley, Bluffton, Ind.....	55.00
22 T. M. Niel, Bristow, Iowa.....	25.00
24 W. A. Craver, Fillmore, Ind.....	106.00
26 Volney Beamer & Son, Wabash, Ind.....	50.00
28 Hood & Baker, Dunlap, Iowa, and Mr. Smith, Panama, Iowa	25.00
37 W. E. Merinos, Decatur, Ind.....	41.00
38 S. L. Moore, Cyclone, Ind.....	40.00
39 Strood & Son, and Colbert, Warren, Ind.....	81.00
40 Taylor & Son	152.00
41 W. T. Harris, Morganfield, Ky.....	65.00
42 C. E. Kimm, Blairstown, Iowa.....	210.00
43 Taylor & Son	100.00
44 W. T. Harris	200.00
45 A. R. Bringer, Monroe, Ind.....	51.00
47 J. E. Swope, Frankfort, Ind.....	25.00
51 O. Markley	125.00
54 I. G. Lorton, Union City	25.00
56 Hood & Baker, and Mr. Smith.....	65.00
57 F. M. Erschen	26.00

SUMMARY.

37 head sold for ...\$2,327; average....\$62.92

Have a Home Of Your Own

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A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 167th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

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I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd leader, come and see me. Address,

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4 Good Young Short-horn
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Sired by Victor Maple 203379 he by Grand Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

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TWENTY-EIGHTH annual public sale will be held Thursday, August 16, 1906. Catalogue of young bulls for sale at private treaty now ready. It includes the pedigrees of our choice string of young bulls among which are many of the best for herd leaders and farmers and ranchmen, that will be priced well within their values. City office in People's Savings Bank. Farm 8 miles north-west of city, Clive Station, on C. M. & St. P. Ry. Telephone 523. Address, Flynn Farm Company, Rural Route No. 5, Des Moines, Iowa.

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SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep Red Scotch bull, 14 months old the picture of his sire and from a daughter of Baron Montrath 20, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to breed Sittytown Sort heifers which are an exceptional lot. Address,

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Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

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HERD headed by Imp. Scottish Pride 126543 and Imp. Lord Mount Stephen 208904 (both Missies) and Superlunus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

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4 Red Bulls For Sale 4
ALL OVER 1 YEAR OLD. 1 SCOTCH BULL,
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SCOTCH and Scotch topped Short-horn herd bulls. 1 2-year old Brawith Bud red bull, 1 yearling Wimple bull. Both herd leaders. Will sell or exchange my herd bull Wimple Royal 241400. Best bull I have used. I have too many of his sisters to use to good advantage. Also 5 extra good Scotch topped bulls at farmer's price. M.D. Yard, Crawfordville, Ia.

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TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd leader. Address,

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SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

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Public Sale of Short-horns

TO BE HELD AT

Watseka, Ill., Friday, August 24, 1906.

At which time I will offer for sale the entire herd of Scotch and Scotch-topped registered Short-horn cattle, purchased by me from J. G. Withers, of the Stony Creek Farm, Milford, Ill. The Marr bred bull, Rustler 242648, an International winner at head of herd. This offering consists of 60 head from the choicest Short-horn families, including 6 young bulls which will be ready for spring service. Sale will take place on above date regardless of weather. Watseka is a town of 4,000 inhabitants, 80 miles south of Chicago on the Chicago & Eastern Illinois; 100 miles east of Peoria, on the T. P. & W. Ry., with plenty of good hotel accommodations. Bankable notes for six months at 7 per cent will be taken. Write for catalog.

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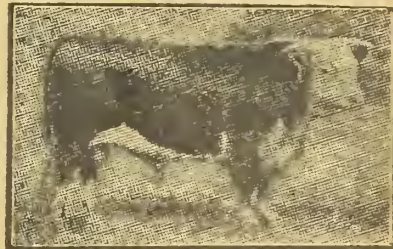
WALNUT Grove Short-horns and Poland Chinas. Clear the Way 23452, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

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Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me

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10 Angus Bulls 10

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10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS, GREYSTONE PRIDES and other females by such sires as BLACK JAM 3D 30709, IMP. ABERLOUR 41201, BELL'S ECLIPSE 3D 57424, QUOQUE 46102, LEON ARTIST 33619.

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BLACKBIRD to the first prize yearling bull at the World's Fair heads the herd composed of the best families of the breed. We invite you to see them on Springdale Stock Farm joining this city.

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OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,
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BERKSHIRE HOGS.

I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.
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We have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all the best in their class. Colors, all bays, blacks and dark grays. No old worn out pick-ups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than in any other place in America. Write

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at which times I will have with me township plats showing the homestead land in those localities.

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Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones. Pride, Queen Mother, Favorite, etc. Our herd bull, Proud Blackcap 39946, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice cows and heifers cheap. Twenty years breeders of Daddies.

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FOR SALE

ABERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address,
JAMES SPEAR, STANWOOD, IOWA.

10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old.
WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,
JOHN E. GRIFFITH, WASHINGTON, IA.
(Mention Homestead.)

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number of growthy, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d. Rosenfeld & Siverly, Kelley, Story Co., Iowa.

12 Head Aberdeen Angus Bulls For Sale
Of the Blackbird, K. Pride, Trojan Erica and Queen Mother families ready for service. Will be priced right. Herd headed by Prince of Pilsen 52449, weighing 2020 lbs. and as active as a cat, sired by Cranewood Black Knight 39477, sold at the Miller sale for \$2,000. Address, WHITE BROS., PERRY, IOWA.

Pleasant Hill Herd of Aberdeen Angus.
STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275.
J. Nissen, Meservey, Cerro Gordo County, Iowa.

BERKSHIRE HOGS.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charming Duke 20th., by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

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W. A. LANG & CO., GREELEY, DELAWARE COUNTY, IOWA
—IMPORTERS AND DEALERS IN—
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH AND STANDARD BRED STALLIONS.

We have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all the best in their class. Colors, all bays, blacks and dark grays. No old worn out pick-ups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than in any other place in America. Write

Greeley
Horse
Importing
Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

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GREELEY, IOWA.

LAKEWOOD FARM THE GREAT
BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

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THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

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SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

FOR sale, 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilbo & Van Patten, Creston, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

POLAND CHINA HOGS.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three extra good yearling Poland China Boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE,

IOWA STATE COLLEGE, AMES, IOWA

POLAND CHINA HOGS.



MATCHLESS PERFECTION.

30 FALL BOARS 40 SPRING BOARS

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy and Correct I Know. Write us at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.

THE JOE YOUNG HERD POLAND CHINAS.

25 FALL BOARS {Great big lusty fellows. Sired by Mass Chief, My Price, Matchless Perfection Jr., Oakland's Prospect, T's Tecumseh and Perfect, a grandson of Corrector. We can fill your order. Address,
YOUNG & DUNCAN, MADISON, NEBRASKA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Entomprise and Nemo L's Onklund, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 9999, Dakota Chief 2d 35977, It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,
WM. RAY & SON, DEFIANCE, IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

F. H. LONG, MANNING, IOWA.

BRIDGFORD & NESBITT, Aledo, ILLINOIS.

WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrow which we will price at reasonable figures. Also a few extra good fall boars; strong, vigorous, heavy-boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

F. C. Thackaberry,
TAMPICO, ILLINOIS

BREEDER of Poland China swine of the most fashionable strains and popular families. 50 spring pigs of exceptional merit for sale at reasonable prices. Oxford Down rams from imported sire and dam will be priced right considering quality and breeding. Correspondence and inspection solicited.

FOR SALE

THE great Poland China boar O. R. Standard, No. 87959, O. R. Standard is sired by Mammoth Standard, No. 62591, dam Lady Lightfoot's Best 190008. This boar weighs about 700 pounds; one of the prize winners at the Iowa State Fair in 1904. He has a large bone and walks around like a pig. We also have two good boar pigs for sale, sired by O. R. Standard, Murch farrow, dam Hazel Perfection 95280. For further particulars, address,
R. A. WILEY & SON, MALCOM, IA

FOR SALE.

30 CHOICE fall Poland China boars sired by King Perfection 89209 and Model Perfection 94199 with good bone and length. Prices \$20 and \$25.
GEORGE REGENNITTER, BENNETT, IOWA.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,
GEO. E. PATCH, Blandville, Illinois.

ESCHER'S BIG POLAND CHINAS.

WILL be ready about July 15 to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.
E. F. Escher, Manning, Iowa.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King DoDo, and Blain's Tec. Everything guaranteed a breeder.
Robt. J. Peckham, Pawnee City, Neb.

Hamilton's Royally Bred Polands.
MY last sale averaged over \$50. My type is the hog-men's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.
L. W. Hamilton, Kearney, Neb.

Choice lot of Spring Boars for Sale.
POLAND China pigs sired by Duke's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall.
Jno. J. Schmitt, Sutton, Nebraska.

TRIGGS' Big Polands. My herd is headed by Major M. 31527, the great boar that has a combination of great size and quality, and has proven a great breeder. Both his sire and dam will weigh over 1,000 pounds. He also will weigh 1,000 pounds in show condition. When you want a good, growthy pig, write your wants. J. R. Triggs, Dawson, Neb.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

FOR SALE, some bred sows and gilts for August and September farrow, also early spring and fall boars all from leading strains. Good individuals with plenty of bone. These are bargains for anyone. Everything as represented. Priced so any farmer can safely buy them. Address, C. C. Drake & Son, Terre Haute, Illinois.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm.
Box 151, Independence, Iowa.

40 Poland China Sows

AGED and tried sows, fall yearlings and spring gilts, all bred and safe in pig to Chief Perfection 1st 48023, Challenger 81225 and Prince Charming 93281 no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice lute boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old.
J. L. Slick & Son, Lanark, Ill., on C., M. & St. P. R. R.

CHOICE
POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by imported Hamner bred ram, Hamner 152071 for sale.

W. G. Griffith, McNabb, Ill.

DORR'S POLAND CHINA BOARS.

115 SPRING pigs, 17 cracking good fall boars sired by Dor's Tecumseh, Keep On and Indiana King. My prices are within reach of all.
HENRY DORR, REMSEN, IA.

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.

DR. H. PRITCHARD, - WISNER, NEB.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Ureeda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

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WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shumrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

HAMAKER'S large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs not akin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

LARGE Growthy Polands. I have the hog that is a hog. If you want sized bone, feet and unh, I have it. Logan B by Logan Chief is the sire of some choice herd leaders. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

PIONEER HERD POLAND CHINA SWINE

W. Z. SWALLOW, ROONEVILLE, IOWA, Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are AI boars.

J. C. Hoag, - Manson, Ia.

When writing please mention this paper.

CHESTER WHITE HOGS.

Model Herd Chester Whites

WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.

O. H. LEWIS, GENEO, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, 1905; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R.R.1, Napoleon, Ill.

KERR'S O. I. C.'S

O. L. KERR, INDEPENDENCE, MO.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.

BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 80 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

O. I. C.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the lot of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the lot of Col. Cody, Crescent King, Kaiser to record in the O. I. C. Association. FISHER LIVE STOCK CO., P. O. BOX 8, HASTINGS, NEB.

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper.

F. P. & J. J. Hardin, R. 6, Lima, O.

SANGAMON HERD O. I. C. SWINE

200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.

J. F. HALL, Mechanicsburg, Ill.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship. A lot of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.

JNO. CRAMER, BEATRICE, NEB.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.

N. A. RANCK, NIOTA, ILLINOIS

SOME CHESTER WHITE BARGAINS.

10 FALL YEARLINGS. 100 FEBRUARY. March and April farrows ready to ship. Our herd hog weighs 900 pounds now. These pigs are of the best breeding strains that money would buy. We ship on approval. Prices right.

E. L. NAGLE & SON, Deep River, Iowa.

OUR spring crop of Chester Whites representing 5 families, good as there is in the U.S., although few in numbers, are extra good in quality. Up to Aug. 1, we will ship C.O.D. and prepay express. 12 fall gilts, bred, for sale.

MAPLELAWN FARM, Aurora, Ill.

A. M. Hissworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHOICE CHESTER WHITE MALE PIGS

April farrow from registered stock. R. I. Red poultry. M. A. Guinan, Webster City, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Onk Lodge Minstrel 8th 1855 and O. L. Fausler 6443. Two imported boars and Hannover Emperor 7035 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

Large Yorkshires

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Ad., Thomas H. Canfield, Lake Park, Minn.

CORN-BELT Yorkshires. I have been using mature breeding stock for years, and have size, quality and prolificacy. All sows in herd averaged better than 11 pigs per sow this spring. (Everything that does not come up to a high standard is uneused.) Males and females not akin for sale. Some extra good Poland chinas for sale also. Jas. Atkinson, Des Moines, Ia.

Mack Stevens & Sons, Iowa City, Ia.

BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

CHOICE CHESTER WHITE BOARS

For sale ready to ship. Also my herd header Gold Chief record No. 1237. Write me German or English. J. M. Janssen, P. O. Box 627, Sibley, Iowa.

KING B. HERD CHESTER WHITES.

70 SPRING pigs for sale, pairs not akin. B. H. Burt, Coggon, Linn Co., Iowa.

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices. F. Ruebush, Good Hope, Ill.

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TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A LIFETIME IN THE CATTLE BUSINESS.

A GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

C. C. KEIL, LADORA, IA., LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

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THOROUGHLY acquainted with pedigree and individual merit. Write me before booking dates

J. WEST JONES, LEXOX, IOWA. CAREY M. JONES, DAVENPORT, IOWA. IOWA'S LIVE STOCK AUCTIONEERS.

Write before claiming dates.

RED POLLED CATTLE.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equid to the best. Kestel & Schrotberger, New Lenox, Ill., or Garduer, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at low prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address, G. W. Sharp, Marble Rock, Iowa.

DUROC JERSEY HOGS.

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding, Macedonia, Ia. PUBLIC SALE, October 3, '06

At which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.

Prairie Glen Herd of Duroc Jerseys

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand pound hog, he by Winchester Chief 18077, he by Morton's King 8725, Tientin 17261, Imp. Wonder 4861, A. L. Advance 4331, Odebolt Chief 38271, a son of Perfection Chief 425 bog, Pleasant Hill advance No. 44251, and other good sires; last but not least, Ohio Chief, two sons of this great sire and show boar. Tientin No. 17261 for sale, size of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable, quality best. Address, P. S. Eight Number males of rare quality; three Top Notcher bred.

A. L. MOSSMAN, RADCLIFFE, IA. TELEPHONE 88-3.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of epring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. 05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

J. H. MICKEY & SON, OSCEOLA, IOWA.

CLAREMONT.

HOME of S. E.'s Model IX 30996A, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar Sale Oct. 22. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WEIGHTON, AUDUBON, IOWA.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quincy, Iowa.

CILOVER Blossom herd of Durocs. Herd headed by C. I. J.'s Chief 12455A, 45747n first in aged class at Ind. State Fair 1905. Col. Perfection 16135A, 4575n for sale—will make a good fall yearling show. Choice tried sows for sale bred to I. J.'s Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

FAIRVIEW DUROCS Am offering a few choice fall males and gilts. Write me if you want good ones nicely bred.

J. B. DAVIS, Fairview, Kansas.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$6 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. S. J. Butts, Mason City, Iowa

Cor. 11th Street and University Place (One block from Broadway Cars.)

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A Modern FIRE PROOF Hotel—a dining room that is famous for its excellent food and moderate prices. Special Club Breakfasts, 30c, 35c, 50c—Lunches, 40c; and our Famous Course Dinners, 75c.

ROOMS. \$1.00 With Private Bath, \$2.00 With Detached Bath, \$1.50

Quiet and Comfort! Within easy walking distance of the Great Department Stores, Wanamaker's two minutes; Siegel Cooper's, eight minutes, etc. Easy access to all points of interest. Also close to WHOLESALE DISTRICT.

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When writing please mention this paper.

POLLED DURHAM CATTLE.

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 1st Knight X1374-15982. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from Iowa. We won fifty prizes at the Iowa, Nebraska and Kansas state fairs this fall, including twenty one firsts and ten sweepstakes.

L. G. SHAYER, KALONA, IOWA.

D. S. Polled Durham Bulls.

FOR SALE—4 dark red blocky yearlings, at \$75 to \$100. One two-year-old herd bull, \$100. Cows and heifers bred or calves by side. Short-horn bulls 17 months old, \$75 to \$85. 2 miles northeast of city.

P. S. & S. Barr, Box 11, Davenport, Iowa.

When writing please mention this paper.

DUROC JERSEY HOGS.

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

O. E. Osborn, Weston, Ia. PUBLIC SALE, October 4, '06

At which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

Prairie Glen Herd of Duroc Jerseys

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand pound hog, he by Winchester Chief 18077, he by Morton's King 8725, Tientin 17261, Imp. Wonder 4861, A. L. Advance 4331, Odebolt Chief 38271, a son of Perfection Chief 425 bog, Pleasant Hill advance No. 44251, and other good sires; last but not least, Ohio Chief, two sons of this great sire and show boar. Tientin No. 17261 for sale, size of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable, quality best. Address, P. S. Eight Number males of rare quality; three Top Notcher bred.

A. L. MOSSMAN, RADCLIFFE, IA. TELEPHONE 88-3.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of epring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. 05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

J. H. MICKEY & SON, OSCEOLA, IOWA.

CLAREMONT.

HOME of S. E.'s Model IX 30996A, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar Sale Oct. 22. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WEIGHTON, AUDUBON, IOWA.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quincy, Iowa.

CILOVER Blossom herd of Durocs. Herd headed by C. I. J.'s Chief 12455A, 45747n first in aged class at Ind. State Fair 1905. Col. Perfection 16135A, 4575n for sale—will make a good fall yearling show. Choice tried sows for sale bred to I. J.'s Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

FAIRVIEW DUROCS Am offering a few choice fall males and gilts. Write me if you want good ones nicely bred.

J. B. DAVIS, Fairview, Kansas.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$6 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. S. J. Butts, Mason City, Iowa

Cor. 11th Street and University Place (One block from Broadway Cars.)

THE NEW Hotel Albert NEW YORK

A Modern FIRE PROOF Hotel—a dining room that is famous for its excellent food and moderate prices. Special Club Breakfasts, 30c, 35c, 50c—Lunches, 40c; and our Famous Course Dinners, 75c.

ROOMS. \$1.00 With Private Bath, \$2.00 With Detached Bath, \$1.50

Quiet and Comfort! Within easy walking distance of the Great Department Stores, Wanamaker's two minutes; Siegel Cooper's, eight minutes, etc. Easy access to all points of interest. Also close to WHOLESALE DISTRICT.

The Best Hotel in New York City
Guide Book of N. Y. City sent FREE on Request.

When writing please mention this paper.

BUDDY K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER, PAWNEE, ILL.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG, LINCOLN, NEB.

OAK VIEW DUROCS.

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale one two-year-old and one yearling sired by Male Ohio Chief, one of the best sows of Ohio Chief. These boars are strictly of showyard type and quality. Address, J. COY ROACH, GIRARD, ILL.

Thos. Bennett, Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 3731, Gem's Top Notcher 34038, A Top Notcher 23723, Chief No. 1, a grandson of Ohio Chief 8727A, Cook Robin 12845A, Choice Goods 22831, J. J. C. 83333, Budder K. IV 20881, Indiana 20733, Manley Oriou 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40793, Suburban Chief 21847, out of The Lad for Me 10733A, Denver 11689, J. B. J. Big I Am 29995. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.

MCNEIL BROTHERS, BOWEN, ILL.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced head leaders. Prices right. W. A. Kirkpatrick, Lincoln Neb.

DIROC JERSEY HOGS.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big 1 Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

SHELDON BROS.,

A NEW FIRM.
BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger 11, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We call closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now looked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906. Kindly mention Homestead when writing.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief 1 Am, Glendole Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.
L. H. Brynn, R. R. 1, Neponset, Ill.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springfield, Linn County, Iowa.

A FETTERED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimson Wonder), Lott's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.
W. J. WENDT, MARCUS, IOWA.

BARGAINS IN DUROC BRED SOWS

I HAVE several sows bred for September farrow. Two are two-year-olds and balance yearlings, in good condition, but not hog fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address,
F. A. HAM, SARONVILLE, NEB.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Teuben and others.
CHAS. VAN PATTEN, SUTTON, NEIL.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Ed's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very worthy. Will price right.
W. J. East & Son, Clay Center, Neb.

A GOOD YOUNG SCOTCH BULL FOR SALE

GENATOR 241887, two years old in July; sired by 1 Imp, Fashion Favorite 145580 and out of Imp, Augusta Bruce, a grand good bull, a herd header. Write me quick.
J. D. McDERMOTT, ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp, Golden Archer, dam Imp, May Blossom by Prince of Archers. Also some young stock.
C. F. Robey, Jesup, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,
A. H. Enster & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

Sired by 1 Am Pottawattamie, a grandson of the great Nebraska Belle. Pericles and other noted boars. Our prices are always right. Write us. Address,
J. W. Reynolds & Son, Defiance, Iowa.

CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address
W. J. S. Taylor, Hinton, Iowa.

DIROC JERSEY HOGS

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,

GEO. W. SECKMAN, RIPLEY, ILLINOIS.

Grand Valley Herd of Duroc Jerseys.

WILL have fifty head of Perfection Chief 28367 pigs and fall yearlings to sell after Sept. 1st, including Fancy Perfection 47967 and Perfection Chief Jr. 45827, the two best sons of Perfection Chief ever sired. Look for Pollock and the Perfection Chief herd at the fairs Iowa, Minnesota and Kansas City Royal.

D. J. POLLOCK, THAYER, IOWA.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 25793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lon Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandellon 12165. Duroc Standard 4417 by Duroc Paragon 29181, by King Perfection 16353; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH, HAMBURG, IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

HICKORY HILL DUROCS.

A FEW extra good, fall gilts bred to Double Track and Fashion Boy for summer farrow, for sale at reasonable prices.

E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

ROSEMARY DUROCS.

OLD Finch, champion International 1903, heads of herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

G. T. ROGERS, PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's 2d Last, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, CEDARVILLE and XENIA, OHIO

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CRIMSON WONDER I AM | SOWS and gilts bred to this great sweepstakes boar for fall farrow.
U. G. Davidson, Manson, Iowa.

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Eds.
} Sow sale February 25. } Inspection invited. 125 pigs. Write us,
W. A. STAPLES & SONS, GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. Stock reserved for public sale August 8.

J. D. NIDLINGER, DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

IS a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Coughdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address,
Phone F-336. THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

PIONEER HERD DUROCS.

ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sire Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, Arch Brown & Sons, Waterloo, Nebraska.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address,
Norris & Bevington, Klingsley, Ia.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address,
W. A. RANKIN, CARSON, IA.

ALFALFA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection; 11571; some tried sows bred to Royal Prince 41911, that raised good litters last spring and are due to farrow in September, and a few fall boars by Van's Perfection and Jumbo Chief 19589, for sale.
F. ALDRITT, FRIEND, NEBRASKA.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired.
E. Z. RUSSELL, BLAIR, NEB.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.
F. A. STRONG, ORIENT, IA.

DUROC JERSEY HOGS.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big 1 Am and Hambletonian, the two 800lb. boars assisted by Proud Advance and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by big 1 Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free livery. Fall sale Oct. 26, bred sow sale Jan. 30, 1907.
Manlove Bros. & J. H. Norris, Bowen, Ill.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE La. For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagin, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kant Be Bent, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 59 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 16th.

JOHN M. MORRISON & SONS, COLLEGE VIEW, NEBRASKA.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MINNISON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,
J. E. WEHR, PORTSMOUTH, IOWA

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY G. WARREN, INLAND, NEB.

Minnesota's Prize Winning Duroc Jerseys

I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder 100 pigs. Good ones. Write me your wants. Prices reasonable.

Wm. Malcolm, Bigelow, Minn.

CHOICE OHIO CHIEF PIGS

WE have a choice lot of pigs by Ohio Chief, Alfr Advance (a son of Proud Advance), Iowa Lad, a grandson of Higgins' Model, and Brilliant Advance. We have the good ones. Write us at once.
A. L. & U. S. G. Lynch, Mt. Airy, Ia.

MAY & PORTER,

REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37685 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

DON'T READ THIS

UNLESS interested in good pure bred Duroc swine or Barred Plymouth Rock chickens. Write your wants when on the market. Address,
Roy Stacy, Rochelle, Ill.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,
SMITH BROWN, Waterloo, Neb.

ROSE HILL DUROCS. Good ones. 3 sows brought \$1.

300, 130 pigs for season's trade, from 3 best boars of breed Jr. Jim, 1st prize last Neb. state fair, Arion winner Des Moines and Lincoln 3 yrs. In succession and Long Alfr. Litter bro. to Alfr II. Size, bone, back, color my specialty. Visitors welcome. Phone. 3 miles west of city. Austin Renshaw, Blair, Neb.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance. Keep On and Addy's Choice Goods. Public sale, October 3d.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's 5th Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

A SMALL HERD OF

SHORT-HORNS FOR SALE

INCLUDING my Crickshank herd bull Red I had 145102, and 10 or 12 cows and heifers. These are bargains if taken soon. Write me quick.
DELMAR McCANN, Kennard, Nebraska.

ENTERPRISE HERD DUROCS

CHOICE spring males by live prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,
A. E. FOUSH, CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Meadow Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

GRANT HERD DUROC JERSEYS.

I AM now ready to book orders for delivery after September 1st. Carl Hansen, Herman, Neb.



THE LONG HOURS ON THE FARM.

The following communication has been received from one of our subscribers, Mr. H. L. Kelley, of Bremer county, Iowa:

In an editorial published in your paper of recent date I note the following: "Few will win out in the future on the old plan of working from 5 o'clock in the morning until 8 or 9 in the evening unless it be at exceptional times when a rush of work is on," and citing some of the best farmers as having chores all done at half past 6 so everybody could have a long evening to do as they pleased.

It seems to me that there are several reasons why such a plan would not be practicable for a man who had rent or interest to pay and a family to bring up and educate, and I must confess I can see very little to be gained by it. In the first place, we cannot hire help as cheaply as we used to. I can remember a few years ago when farm hands could be had for from \$160 to \$175 per year, while now they are getting from \$260 to \$275 and a horse kept besides. In the second place, we have to furnish and keep in repair more machinery than formerly, and it takes more horses to run it and consequently more time must be spent in caring for the horses. This same labor-saving machinery makes farm work of such a character that it is no hardship for a man to work long days (from 5 in the morning until 8 or 9 in the evening, if you please), and why shouldn't he? What excuse can a man have for not working up to his full capacity?

The hired men who are really worth having are not the ones who are looking for a soft snap, but are perfectly willing to work as long as the boss does, just so they get good wages; and the boss who doesn't have interest enough in seeing things move to want to work from 5 in the morning until 8 or 9, or even later, and do it all summer, is not a successful farmer, although he may appear so. The chances are that this 6:30 man got his start from someone who did work long days or else he got it by sharp, not to say dishonest, practices.

Now, two hours a day means one day a week, and if we pay a man for all his time, why should we have to give him one day of each week to keep him good-natured, besides furnishing him with all appliances to make his work lighter? What benefit would it be to him anyway if he spends his time loafing around town, smoking, drinking or gambling, or if he goes to dances, or even if he doesn't do anything worse than stay at home and read the murders and scandals in the daily papers? He is far better off physically, mentally and morally to be at work. To be sure, he may spend his leisure wisely, but the hane of these times is not too little reading, but too much, and too little thinking, and if a man really wants to improve his mind by good reading he can read enough in half an hour to keep him thinking all day.

So here's for the long day on the farm, with everyone busy and happy in the consciousness of doing with our might what our hands find to do. Surely a life that is not a battle is not worth living, and really if that 6:30 man lived in this neighborhood we would call him for want of a better name, "lazy."

We acknowledge that there are two sides to this question, and, indeed, we are free to confess that it is sometimes very difficult to keep up with the work unless long hours are put in every day. The complaint is here made that while formerly men could be obtained for \$160 a year, they are now receiving at least \$100 more than this. In order to earn this extra amount and also a profit on same, it is contended by Mr. Kelley that the hours must be long, every day's work extending well into the evening. It should be understood that one reason for the increase in wages is the long days on the farm as compared with the city. Men are attracted to centers where the work day is shorter and thus leaving a scarcity of men for farm work, and consequently an increase in wages. It is true that there are a number of other factors that enter into this equation, causing the rise in wages, but this is one of them.

Our thought in advocating more regular hours and shorter days was to equal-



WHERE THE NEW MOLINE WAGON IS MADE.

The best effort of 500 masters of the wagon maker's craft have combined to make the New Moline wagon a marvel of combined strength and lightness. Gearing of select hickory and tough white oak, a box with yellow pine bottom, grooved and matched, all parts ironed, braced and strongly reinforced, combine to produce a wagon that is the farmer's delight and to which he has given the name "Ironclad." The Moline Wagon Company will send to any farmer who will write for it a wagon book full of valuable information about how wagons are made—facts which every successful farmer, being from necessity his own master mechanic, desires to know. Homestead readers would do well to write the company at Moline, Ill., for a copy of the wagon book. It will be sent to you free, postage prepaid.

ize matters and thus, if possible, make farm life a little more attractive to those who are obliged to "work out" and also for the growing boys and girls. The making of money should not be the only end in view, and while we are all anxious to realize good profits on our investments and good wages for our work, at the same time it is not difficult to find men who are wealthy and yet who are driving all the forces on the farm at the rate of fifteen and sixteen hours a day. In too many cases such men find that when the boys grow up they do not take to farm life. The real cause of the desertion of the farm may never be known, nevertheless the long days are responsible for much of it.

THE BREEDER'S REPUTATION.

The breeding of pure-bred live stock with the average man who is engaged along this line is a serious business proposition. From the very beginning, careful investments must be made, and the herds or flocks must be handled in such a way, so that they not only pay their way, but also pay a profit on the investment and on the labor utilized. The man who runs a breeding farm as a side issue to some larger proposition is in a position to pursue quite a different policy, and to him these words are not addressed at this time.

While we believe that stockmen are as careful, and even more so, of their reputation as are men in any other calling, yet examples loom up occasionally which indicate that too large a percentage of breeders do not realize that the reputation they create for themselves may be made a valuable asset. It is by no means uncommon to find cattle, for example, selling for 25 per cent higher at a sale of an old-time reputable breeder than the same animals would bring on the farm of a beginner or even an old-timer who has failed to fix in the mind of the public that a square deal is always assured. This, then, is an asset, not merely in the matter of fame, but in cold dollars and cents.

Our suggestion to those who are beginning the business would be to suppress their anxiety for a time to plunge immediately to the top as a "big" breeder. If you are handling hogs, it matters not how well your breeding animals may

be bred, or how well they are cared for, they should not all be sent out for breeding purposes, no matter how keen the demand. We recently heard a very reputable swine breeder make the statement that in his opinion not more than 40 per cent of the pure-bred pigs raised should be used by anybody as breeders. His practice for thirty or forty years had been to send to the meat market more than half the number raised, and the result is that this man has no difficulty whatever in always disposing of his good ones at prices considerably higher than the average. This is reputation of the right kind, and the individual we have in mind is making more money today, and has been for the last quarter of a century, than would have been the case had any other policy been adopted. In carrying out the doctrine of the Golden Rule, one incidentally employs the very best business principles.

It would not be surprising if much of the disease that is found among hogs is directly traceable to the practice of breeding from animals that should never have been used for breeding purposes. In many cases these may come from established herds, and there may be no dishonest intention in sending them out, but this is not the way to build reputation. There are plenty of herds today in the corn belt that are noted for their constitution and stamina, and all animals purchased from such herds may be depended upon as begetting thrifty, hardy stock. If beginners can be induced to employ sound principles, we believe that it will only be a matter of time when to a very large extent disease could be stamped out, and, as said before, that is after all the most profitable line of business to operate along live stock lines.

SAVING THE STRAW.

Enough thrashing has already been done in the corn belt to indicate that there is likely to be an immense amount of straw wasted during the coming year. Since the introduction of the modern stacker, the practice of hand-stacking has almost become a thing of the past. As a result you will find rot heaps dotted here and there throughout the entire central West.

We are willing to give the new stack-

ers all the credit that is due them, and believe that their introduction is a real benefit to grain growers. It is not their fault if men do not use them wisely. Our experience is that two good men, where a blower is used, can put a straw stack in such shape that it will turn water until the straw is used, providing it is not kept over another year.

Because straw has little commercial value out on the farm is no indication that it is not valuable to the farm itself. The reason why a farmer cannot dispose of his straw for anything like a reasonable cash price is that its bulkiness interferes with shipping. Pressing, of course, partly solves the problem, but this means labor, and labor is high.

While there is much less straw wasted now than when the country was new, yet there is too much wasted still. It can be put to such an excellent use in bedding down yards and stables during the fall and winter months that it is surprising to see how sparingly it is used. It takes labor, of course, to put it where it is wanted, but the additional comfort of animals that are well bedded contributes to the thrift, so that there is this value added to its manurial value.

As an absorbent to be used around stables it is ideal, and as liquid manure is always rich in fertility elements it pays to save it. If you will think the matter over, you will find that the man who utilizes all his straw around his stables and yards year after year is the individual who is growing large crops.

It is specially important that plenty of straw be used around hog quarters, notably fattening hogs. If this is not done, one can scarcely expect to get much benefit from the manurial standpoint from the feed consumed by hogs.

SUPPRESSING TUBERCULOSIS IN CATTLE.

Most of our readers will remember that some excitement prevailed among breeders of pure-bred stock a year ago over the prospect of having laws passed which would result in the slaughter of all cattle that were found to be tubercular, as indicated by a reaction of the tuberculin test. The scare has to a large extent subsided, but tuberculosis has by no means been wiped out. What is known as the Bang method for handling tuberculosis is likely, if put into practice, to free the herds of America from this disease. The object of this method is to replenish a tuberculous herd with as little loss as possible. It requires that all animals that show physical symptoms of the disease shall be destroyed. Those that give a tuberculin reaction but which exhibit no evidence on physical examination of being tuberculous, are isolated. They are still kept for breeding purposes, however. The reacting animals are carefully watched, and if any of them develop obvious symptoms of disease they are isolated.

In Denmark it was found at one time that 35 per cent of dairy cows were tuberculous according to the tuberculin test. In order to replenish the herds with healthy cows before the total destruction of the reacting animals, the following plan is put in force:

1. A herd is tested with tuberculin. The animals that are in a bad condition are slaughtered. The re-acting animals that show no physical evidence of the disease are isolated. They are kept for breeding purposes.
2. The offspring from the reacting cows are promptly removed from their dams and fed milk from non-reacting cows, or the pasteurized (heated to a temperature of 185 degrees Fahrenheit) milk from the re-act-

ing ones. The milk of the isolated cows after pasteurization is also used for human food.

3. If any of the isolated cattle give evidence of the disease advancing, such as enlarged glands or emaciation, they are slaughtered.

4. The non-reacting animals are tested from time to time and if any individuals react they are placed with the isolated ones.

5. The calves that are raised from the reacting cows and which fail to react to tuberculin are placed in the sound herd.

As the herds were replenished the isolated cattle were fattened and killed. In this way the people of Denmark have been able to greatly reduce the high percentage of tuberculous cattle and at the same time minimize the loss they formerly sustained by the frequent death of diseased animals.

The Wisconsin Experiment Station have put the Bang method to a practical test. In 1896 this station started with a herd of sixteen reacting animals and eighteen healthy ones. In 1899 they had twenty-seven healthy ones, all the progeny of tuberculous cattle.

It will be seen from this that tuberculosis may be present in the animal's system and yet the animal may give birth to a perfectly healthy calf—one apparently not even predisposed to tuberculosis. Of course under no circumstances is it permissible that the calves shall be given unsterilized milk from tuberculous cows, and when this principle is complied with, the cows may be bred year after year just as if they were healthy. Eventually they go to slaughter and may even then be utilized for meat, providing the disease is confined to certain members of the internal organs.

On this rational basis it would appear that breeders of pure-bred cattle in America should favor the passage of such laws as will aim to stamp out this disease, to the end that there shall in the future, as was the case in Denmark, be less loss from tuberculosis and that the danger of communicating the disease from animal to man shall be practically stamped out.

THE HOMESTEAD "AT HOME."

The Homestead is always "at home" when the farmer whose name appears upon its rolls of subscribers or advertisers pulls its latch-string. Primarily our subscribers, now a vast army of the competent and prosperous farmers of the corn belt, and secondarily our advertisers, have made possible the growth of this great and growing journal of practical and scientific agriculture; and the friendship and appreciation we owe to these supporters of our enterprise are always uppermost in our minds and hearts. When a farmer or his wife or children, or better yet, when a farmer and his entire family come to see us, it affords us one of the greatest satisfactions of our lives to express the greetings to which such friends are entitled. Any occasion which brings these friends to us in large numbers is especially welcomed and heartily appreciated.

One of the chief of these occasions is the yearly Iowa State Fair, which is always attended by thousands of Homestead subscribers from Iowa and surrounding states, hundreds of whom invariably take advantage of the fair to visit our plant and acquaint themselves with its methods of management, its interesting mechanical equipment, and the sights incident to the production and distribution of a large publication; while hundreds more make a rendezvous of our pavilion on Newspaper Row on the fair grounds, stopping to rest there or chat with friends, or leave their parcels for safe keeping.

Speaking to all our subscribers, whether personally known to us or not, we wish to emphasize what has been said heretofore in welcoming them one and all to our building at 301, 303 and 305 West Locust street and to our booth at the fair grounds. Members of the Homestead staff will be detailed to welcome you at either place at all times during fair week; and if we do not succeed in making you feel at home it will not be because you are not most cordially welcome, but because of our inability to serve you according to our desires.

The Homestead plant, the largest in the world devoted exclusively to the printing and distribution of agricultural papers, is now housed in a building three times the proportions of our old office. Our great perfecting press and other modern machinery constitute one of the most interesting sights of this flourishing western city. Our electrotyping plant, our type-casting machines and the equipment of our mailing department are pro-

nounced by experts to be equal to any in the world. We want you and your friends to come and see them, and, if there is anything about them which you do not understand, we trust you will feel free to ask all the questions that may occur to you. They will all be cheerfully answered, with the feeling that it is quite as much of a favor to us for you to come and see us as it is for us to show you how The Homestead is made.

Our pavilion at the fair grounds is to be considered more yours than ours. Do not hesitate to make it your headquarters. Make it the meeting-place for yourself and friends; leave your lunch-baskets, wraps, packages, umbrellas, etc., there during the day without charge, taking our checks for their return. If we can serve you by giving you information or otherwise, do not fail to command our best endeavors.

In short, it will be the aim of The Homestead management to add in every practical way to the comfort and enjoyment of your outing at the fair. You will confer a real favor upon us by giving us this slight opportunity to serve you as one of the members of its great family.

DESTROYING MUSTARD WITH CHEMICALS.

The period of growth of wild mustard is over for this year, and in too many instances the crop has been allowed to seed. This means trouble for years to come, as the mustard seed is somewhat oily in its nature and because of this remains in the soil for almost any length of time without losing its power of germination. Although an annual, mustard is one of the worst weed pests that grows in the central West.

The University of Wisconsin has been conducting experiments to ascertain the value of iron sulphate as an agent of destruction to the mustard plant. Professor Moore, of that station, has prepared the following statement concerning the use of this material in destroying mustard:

The material used was a 20 per cent solution of iron sulphate, which was placed in a mounted tank and pulled by one horse. From twenty to twenty-five acres of ground can be covered by the sprayer in a single day. The Platz sprayer, imported from Germany, was used for the work. With hose attachment it will cover a strip of ground twenty feet in width at a single spraying.

To make the solution, empty a 100-pound sack of granulated iron sulphate into a fifty-two-gallon barrel (kerosene or vinegar barrels are generally gaged for fifty-two gallons), and fill with water; stir vigorously for a few minutes until sulphate is in solution. The solution can be put in spraying tank and used immediately or kept in cask until the desired time for using.

The iron sulphate solution is not poisonous and can be readily handled without fear. White clothing coming in contact with it will be discolored, but not burned.

The test should be made on a calm, bright day after dew has disappeared, as the work is more effective if the solution is put on in warm sunlight. Where rain follows the spraying within a few hours, the extermination of the mustard will not be so perfect.

In tests made where rain followed sixteen hours after spraying the mustard was found to be destroyed. Where it rained two hours after spraying no less than 50 per cent of the mustard plants retained sufficient vigor to produce seed. The following day after spraying, the tips of the blades of grain were somewhat blackened, but no detrimental effect could be noticed to the crop or grasses seeded with the same two weeks after spraying.

Daisies, cockle burs, bind weed, rag weed, sheep sorrel, yellow dock, and many other weeds were partially or wholly eradicated from the fields where tests were made for the extermination of mustard.

The grain fields should be sprayed when the mustard plants are in the third leaf or before the plants are in blossom in order to have the spray do most effective work.

Iron sulphate can be purchased for about \$11 per ton in small quantities, and in bulk for considerable less. One hundred pounds of iron sulphate will make sufficient solution of the proper strength to spray approximately one acre.

In the eradication of mustard, the treatment of the Canada thistle by similar process was also included, although the season was advanced and the thistle too far developed to make the tests final. But even under the adverse conditions the thistle yielded to the destroying effect of the treatment. It was shown fairly conclusively that earlier treatment with sulphate of iron, when the thistle was not so far developed, would absolutely destroy it.

The Canada thistle, unlike mustard, is a perennial and propagated by roots and seeds and therefore would require treatment every year for several years in order to eradicate and finally clear the fields. But it was shown that one application of sulphate of iron spray, in the same manner and at the same time as applied to wild mustard, would kill the Canada thistle for the season, thus preventing its further drawing upon the soil, seeding and consequent distribution to the fields.

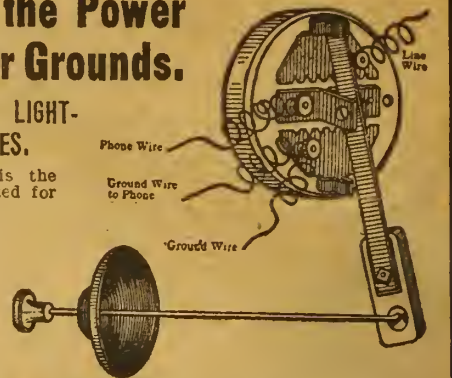
Attention is simply called to this matter at this time so that those who are troubled with this pest may be in better shape to destroy it in the future than in the past. By the chemical method, one can prevent the mustard from

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going to seed, and at the same time allow a cereal crop to mature. Rather than allow the soil of the corn belt to become infested with this pest, we believe that the cost of spraying materials, as well as the labor involved in applying it, is a matter of secondary consideration, providing the chemicals will do the work. According to Professor Moore's statement, iron sulphate is very effective, and not unreasonably expensive.

MISSOURI STATE FAIR.

Possibly our readers are aware of the fact that the board of directors of the Missouri State Fair have just completed one of the finest live stock pavilions that can be found anywhere in the corn belt or out of it. This pavilion is 187x237 feet, built on solid concrete foundation with vitrified brick walls, tile roof and steel truss supports. The arena is 125x175 feet and the seating capacity is 12,000. This pavilion will add much to the comfort of sight-seeing this year. The fair, as has been previously announced, will be held from September 29th to October 5th. This change of date, as compared with former years, gives promise of bringing out a mammoth agricultural exhibit. Practically all crops at that time of year will be mature and may be shipped and installed with the reasonable expectation of their keeping in good condition.

The live stock entries indicate that the Missouri fair will be larger than ever before, as many of the important herds will land there before going to the American Royal, at Kansas City.

Many interesting features have been added during the last year. For example, the National Saddle Horse Breeders' Association offers a solid silver cup valued at \$100, for the best saddle under two years old exhibited at the fair. A number of good ones from Kentucky have already been entered in this class. Another interesting feature includes a display of hand-made blacksmith work. The directors of the fair believe that the country blacksmith with his anvil, furnace and hammer must ever be an important figure among agricultural people. Liberal prizes will be offered for the best exhibit along this line.

Persons desiring further information concerning the exhibition of agricultural products or products of any kind should communicate with Sec. John R. Rippey, Sedalia, Mo.

KANSAS CROPS.

The Kansas State Board of Agriculture recently issued a statement of the acreage and probable yield of winter wheat in Kansas in 1906, and the acreage and condition of the growing corn, as reported on Wednesday, August 8. It says:

Wheat—The year's yield of winter wheat, as stated at this time by the men who have grown it, and who are now thrashing and marketing it, is 91,385,676 bushels, a very large proportion of which is of more than the usual high quality. The average on the entire area sown is given as 14.7 bushels, but the government report issued August 10th estimated the average yield per acre at 15.3 bushels. The year's crop, as reported at this time, is 20 per cent larger than that of last year, 41 per cent more than the 1904 yield, and is the state's second greatest. No figures are given as yet of the year's production of spring wheat, but the yield from its largely increased area will add considerably to the state's total wheat output. While the winter wheat yield reported is a careful approximation that doubtless will answer every practical purpose it should be understood that the figures represent but a preliminary estimate by correspondents, and are, of course, subject to such amendment as the more complete thrashing returns seem to require in November. Recent rains that have been so beneficial to corn have delayed thrashing in many neighborhoods, and in some portions more or less damage is reported from the

sprouting of wheat, much of which is yet in the shock. In line with advices last fall the probable area sown to winter wheat was placed at 5,900,000 acres; in their conservatism the board's reporters somewhat underestimated, as the returns of assessors from 104 of the 105 counties showing an increase of about 214,000 acres, making the state's total area in winter wheat 6,214,000 acres, from which this year's crop was harvested. Assessors also report 197,088 acres in spring wheat, an increase over 1905 of more than 20 per cent, 335 per cent greater than in 1904, and the largest since 1893. In 1904 thirty-three counties had no spring wheat; this year the number is five. In the more western and northwestern counties considerable macaroni wheat is reported as having been sown, which may in a measure account for the marked increases there in the past two years. The area of wheat (winter and spring), sown for the 1906 crop was the greatest in the state's history, or 110,048 acres more than the next largest, in 1902. The area sown to winter wheat for the crop of 1902, however, was greater than that for this year's. Present reports indicate that, owing to the favorable soil conditions now almost uniformly existing, this fall sowing will be on a scale never before equaled, only eight counties reporting decreases. As to this year's yield, twenty-nine counties raised more than 1,000,000 bushels each, and eleven counties exceeded 2,000,000 each. Barton leads, as last year, all the others, with an aggregate of 4,615,352 bushels; Sumner next with 4,390,665 bushels, while Reno takes third place with 3,862,145 bushels. The larger yields per acre are in the eastern third of the state, Nemaha county leading with thirty bushels, closely followed by its neighbors, Brown and Atchison, with twenty-nine and twenty-eight bushels, respectively; the lowest are four bushels in Ellis, and five in Lane, Rush and Hodgeman. In the past ten years Kansas has raised wheat crops aggregating 706,000,000 bushels, and in three of those years the state has to her credit yields of more than 90,000,000 bushels each—a record that stands without a parallel.

Corn—The area planted to corn is 6,562,556 acres, using last year's figures for the one county whose assessors have not yet reported. This is 236,899 acres less than last year. While nearly two-thirds of the counties report present conditions—based on 100 as a satisfactory situation—ranging from ninety to 100 or above, the other third, comprising not a few of the foremost in area of corn, brings the average for the whole state to eighty-eight; the report for June gave it as seventy-nine—a gain since then of nine points. Twenty-two counties report conditions of 100 or above, Harper leading with 115, and the adjoining county of Sumner next, with 109. Forty-five counties range in condition from ninety to 100, making sixty-seven counties with conditions of ninety or above. The lowest condition is fifty in Smith, a county ranking fourth in area planted. Its neighbor on the west, Phillips, standing seventh in area, reports an average condition of sixty-nine; its neighbor on the east, Jewell, second in area, has a condition of seventy-seven, while Republic, adjoining Jewell on the east, and ranking fifth in area, reports a condition of sixty-eight. Marshall county, with the largest area in corn, 204,155 acres, averages in condition eighty-three. Thus it is seen that the state's most noted corn district, of the more central counties of the northern tier, presents a prospect not entirely flattering, but far from discouraging, as recent quite abundant rain in most of these counties is rapidly bettering the situation. The thirty-eight counties with conditions of less than ninety average seventy-eight. Twenty-five counties having one-half of the state's corn acreage report an average condition of eighty-five. In a majority of the 105 counties the weather and soil have been favorable for vigorous growth, and the more or less general recent rains have greatly improved the prospect throughout.

PRELIMINARY CLASSIFICATION FOR INTERNATIONAL.

W. E. Skinner, general manager of the International Live Stock Exposition, Chicago, informs us that the preliminary classification for the 1906 exposition is now ready for distribution. As a number of changes have been made, notably in the sheep and swine classes, it is hoped that all persons who contemplate exhibiting will send, without delay, for a copy.

The Litchfield Mfg. Co. are furnishing a continued story on the "Litchfield Manure Spreader" that should be very interesting to every up-to-date farmer. Do not miss it.

Farm Furrows

Turned by a Practical Farmer.

State fair dates—August 24th to 31st.
Don't forget the fair.

I believe more homes will be equipped with heating plants the coming fall than in any year for a long time. Farmers are living up to their opportunities more and better as the years go by. A house is made comfortable and a home is made better by having a good heating plant.

There is one thing that is staring our county officials in the face. It is that all bridges should be constructed so as to accommodate the traffic of heavy thrashing outfits. It is awful to think of any man losing his life in the manner so often given in papers throughout the country. Let bridges be made strong and durable.

A neighbor has spent so much time in politics this year that his corn has been neglected and the growth has not come up to its possibilities. His corn lies just over the fence. I spent enough time in politics, but did not let anything keep me from doing my duty to my corn. My first duty is to raise corn.

More than twenty acres will be covered with the state fair exhibit of machinery, implements and vehicles. An electric plant is being installed for the operation of all machinery. A novelty will be the manufacture of steel wire on the grounds. All the newest labor-saving farm machinery will be shown this year.

A poultry department is to be added to the equipment of the Iowa Agricultural Farm at Ames. I once sent the dean of the agricultural department at Ames a pen of pure-bred Asiatic fowls, and the students killed and roasted every one of them, at least that is what the dean told me. I remember that the dean at that time was particularly fond of roast chicken. A different condition now presents itself.

I have observed for almost twenty-five years that one never minds the price of binder twine when the crop is generous. Have just heard from a cousin farmer in Indiana that his winter wheat yielded fifty-seven bushels per acre. This wheat grew on a farm that my grandfather opened up from the woods early in the history of the state, say in the '30's. I would just like to grow one crop of winter wheat with such a yield.

The pleasure program for the Iowa State Fair is one of the best. The races will be fine. The music is the best. A strictly high-class and clean vaudeville show will be given every evening, closing with a great fireworks exhibition. Reserved seats can be secured in advance. A special train service for the night crowds will make traveling pleasant and over-crowding impossible. Excursion rates as usual.

I have spent many years trying to convince myself that grain does not sweat in the stack. I have come to the conclusion that if the grain is dry when it is stacked, it does not go through the "sweat," but if stacked damp it will go through what might be termed a "sweat." It is also my experience that the farmer sweats more about stacking than does the grain. The conditions are usually there that will cause him to sweat.

I have often wondered why there was any use made of long, scientific names of plants and things. It may be that scientific terminology is an aid in identification, but what's the use? One man desires to exterminate "old wife," and people are led to believe that he desires to set aside his wife, but not so, that being another name of "heartsease," a very troublesome weed, a weed of the

buckwheat family, and found so abundantly in western corn fields.

Money properly expended will build good roads, but it is observed that in some localities where the most money is available, they have poorer roads. It is applied work that makes roads. Let us have money enough to hire work enough to put the roads into good condition.

The Irishman who said he would rather be a live coward than a dead hero puts me in mind of something just now found in prominence in the press. "How would you like to be dead and own all Russell Sage's money?" Money does a dead man little good. It does a live man little good if unused.

The facilities for camping at the Iowa State Fair are unexcelled. The camping ground, especially laid out, is in a delightful grove of young trees, where every convenience can be had. Thousands of Iowa people annually take advantage of this to spend their vacation living in tents at the greatest fair of the country.

A farmer had engaged to take the kitchen wastes of a large hotel in the city near his farm for hog feed. His hogs began to die, and it was suggested that hogs would not do well on modern viands. But not so; it was the washing fluids and powders that were used in dish-washing that the hogs could not stand.

A farmer, learning that packing house meats had been preserved by the use of sodium chloride, decided to have none of it in his. It is awful to contemplate when packing house men will preserve their meats in sodium chloride, which is only common table salt, after all. I like sodium chloride in meat, but I do not like it to excess.

A thinking man is asking this question: "What would become of this rip-roaring old world, if the boys did not leave the farm?" That's the question, what would become of it? Water will seek its level. Sons of illustrious parentage will rise to their environment. A boy that does not wish to stay on the farm will be of no especial value there.

"Go to the ant and watch his ways." Yes, it has been found that the ant is responsible for the dissemination of the corn-root louse. It collects the eggs of the louse and stores them away in winter, hatching them carefully in the spring. A study of the communistic relations of ants and other insects shows some extraordinary displays of reason and intellect.

Met a friend in town recently who is a resident of the place. He greeted me with the usual compliments of the season, and then said: "I hope the corn is doing all right these hot days. It is so awful hot one can't sleep, but it is all for the good of the corn." It is always safe to believe that corn is doing well when the average city man sweats down one collar a day.

A lady writes me that she was successful in putting up corn in Mason cans last year in the following manner: To nine cupfuls of corn, cut off the cob, add one cupful of sugar, one-half cupful salt, one-quarter cupful water. Cook ten minutes and can while boiling hot. When preparing for the table soak over night in cold water. In canning corn it is essential that the cans be filled as full as possible.

It was my privilege recently to pass by where a number of men were taking exercise in playing a field game known as golf. I observed that the office young men had their sleeves rolled up and their arms and faces were tanned as brown as the skin of an Indian. They wanted to get a healthy color. At the same time the average young man on the farm was wearing gloves to keep his hands white and nice. So there you have it.

A few years ago two widely known dairymen got into a discussion at a farmers' institute about the merit of their cows. One was a breeder of Holsteins and the other kept Jerseys. The Jersey breeder said to the farmers: "If you wish to test the milk of a Holstein cow, just take a ten quart pail, milk it full and place a dollar in the bottom of the pail. If you can readily discern the dollar in the pail through the milk, there

is some Holstein blood in the cow that gave the milk." The Holstein man said: "If you wish to ascertain if there is any Jersey blood in a cow, just place a dollar in a ten-quart pail and if you can get enough milk from the cow to cover the dollar, there is some Jersey blood in the cow." Honors were about even.

Women of Iowa need not fear danger from undue fatigue or excitement while attending the Iowa State Fair, for their comfort and welfare has been considered above all else in the women's rest building and the emergency hospital. From the broad verandas of the rest a fine view of the fair is obtained, and it is an ideal place for weary women and little children to spend a quiet hour. There is a competent matron in charge of the women's building and a doctor in attendance at the hospital nearby. These provisions, especially for women who have come long distances and from the farms insure against danger from sudden illness by reason of over-exertion, and they have come to be greatly appreciated by many of the fair visitors. The seeing of the fair is now a matter of comfort and safety for all members of the family.

DAY BY DAY

Agricola

The damp ground makes it a first-class time to pull weeds in the melon patch.

Now, too, we go through the raspberry canes and prune them. Cutting off the long canes which are reaching to lay hold of the ground causes them to branch cut and we have more places for the berries.

We should also gather the wormy plums under the trees and destroy them. By so doing we destroy the bugs which sting and ruin the fruit. "A stitch in time saves nine."

The abundance of the apple crop is seen in the cheapness of apples at the groceries. It is also seen in the fruit going to waste under the trees.

Thank a kind Providence that black-berry picking is about over. It has been pick, pick, every day, since raspberry ripening. This has been as great a fruit year as any since the civil war.

Agricola is becoming famous. He received yesterday a spike of gladiolus named for him by its originator, Mr. Goodrich, of Luther, Iowa. The gladiolus is charming. Agricola isn't sure that he is.

Little, round muskmelons which look without character bring a dime at the groceries.

The Russian domestic pot seems to be boiling all the time. Morals are not native in Russia. Here comes Gorky to this land, bringing a woman with him who is not his legal wife according to our standards. He has been told so by our own folks and it makes him angry and so he is flinging mud, but somehow nobody sympathizes with the pair.

Our Chautauqua is going on with full attendance. The talent engaged is first-class. We are hearing notables of all sorts, from Chaplain McCabe to a man with trained birds. A good brass band—local—furnishes excellent music.

The progress of civilization can be clearly seen in the growth of music. Good singers are in demand all the time.

When we were on the staff of Gen. P. Edward Connor, of Utah, we were in an Indian expedition. We had a troop of friendly Indians with us. They took a few Sioux scalps. They sang and danced over them night after night. There was no music in it. Our old cow, mother of a herd, bawling, is heavenly, compared with such savage strains. This was in 1865.

Just finished breakfast and I was reminded that Washington and the first Adams sat down to boiled corn beef and potatoes in a room without gas, lamps, stove, carpet, without coal in winter or ice in summer. Franklin said it took him four days to go by coach from New York to Philadelphia, and the driver as they jogged along spent his time knit-

Mr. Edison says:

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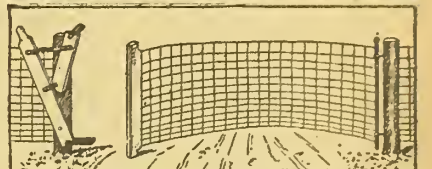
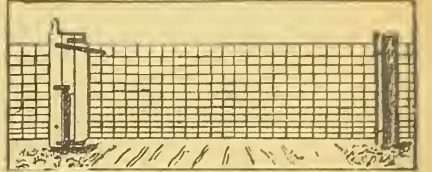
FREE TRIAL The Edison positively on free trial in your own home! If acceptable pay lowest cash price at \$2.00 A MONTH (larger installments for larger outfits) without even interest on payments!

WRITE TODAY for the great Edison catalogs and full explanation of this wonderful Edison Phonograph offer—FREE!

GUSTAVUS BABSON, Manager
Edison Phonograph Distributors
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THE DAISY. Something New in Gates.

It is Made of Wire.



WE will furnish the equipments for this gate and you buy the wire. Our part will cost you \$1.50. It is strong and durable. Wire is always tight when closed, and works easy, and will not break. Write today and give us your order, and remember we make everything in wood for the farmer.

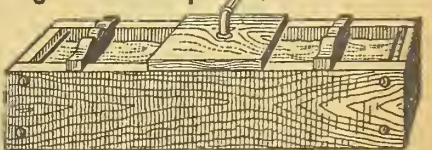
E. J. Ingwersen Mfg. Co., Lyons, Iowa.

LIGHTNING STOPPED

FROM burning out phones or houses or shocking people during thunderstorms by the J. W. Pedigo Lightning Arrestor. It disconnects your house and phone from outside wires. So safe and simple a child can operate it. Easy to install. Cuts and circulars free. Agents wanted.

J. W. PEDIGO,
LUCAS, IOWA.

THE ONLY
Hog and Sheep Waterer.



HAS all the virtues of the others and none of their faults. It won't break, it won't rust, it won't run over nor run dry and best of all it will do its work in the dead of winter. The Only waterer is the product of 25 years experience in raising hogs. Send 10c for our booklet, "How I raise 1,000 hogs a year," written by the man who did it. Write us today.

The Only Mfg. Co., Hawarden, Ia.

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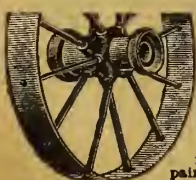
ting stockings. Henry Clay learned to write by filling a box with sand and making the letters with a pointed stick.

EXCURSION TICKETS TO GERMAN VETERAN FESTIVAL AND REUNION

OMAHA, NEB., will be sold at reduced rates August 31st to September 2d, inclusive, limited to return until September 4th, inclusive. Apply to agents Chicago & North-Western Ry.

MAKE A SUCCESS OF YOUR TALENTS. The opportunity of your life is awaiting in the new towns on the Chicago Great Western Railway. Openings in nearly all lines of business. Write today to E. B. Magill, Mgr., Townsite Department, Omaha, for full information and copy of "Town Talk."

NEW ENGLAND AND CANADIAN POINTS. The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.



STEEL WHEELS

with wide tires double the usefulness of the farm wagon. We furnish them any size to fit any axle. Cheaper than repairing old wheels. Catalogue free.

EMPIRE MFG. CO., Box 103A, Quincy, Ill.

THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

SUBSCRIPTION RATES—Single subscriptions, \$1 a year; ten copies one year, \$10, and an extra copy together up of club. In clubs of one hundred or more, 25 cents a year. Single subscription three years in advance, \$2; five years in advance \$3; ten years in advance, \$5. Remit by draft, registered letter, postoffice or express money order. In renewing subscription, use same name and initials as address on paper, or explain why you change. In changing your postoffice address, send the old address as well as the new. Errors in address or failure to receive paper within two weeks should be promptly reported to the publisher.

Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

SOME LIGHT ON THE SEED DISTRIBUTION.

The Annual Year Book of the department of agriculture gives a little information on the character of the service given to the people in connection with the free distribution of seeds. Concerning the improvements that have been made in this service, the report says:

One of the most important tasks which the department has to perform is the securing and distribution of the large quantity of seeds made necessary by the congressional seed distribution. In the earlier work of the department it was the practice to secure this seed, put it up and send it out entirely with a departmental force. As the demand for seed increased and the work grew, it was found difficult to handle the complicated questions involved in this way. For the time the handling of the congressional distribution was placed in the hands of contractors, but this was found unsatisfactory.

The bureau of plant industry was charged with all matters pertaining to the seed work, and for the past four years has been giving special attention to improvements in the methods of securing, handling and distributing. The department has made a special effort to secure home-grown seeds from growers and dealers in the United States.

A special effort has been made in the matter of encouraging bulb culture. While the actual number of miscellaneous vege-

table seeds distributed has increased, the cost of the work has been diminished and the saving effected thereby has been devoted to the purchase, distribution and encouragement of the use of improved seeds of various kinds. A special feature has been made of encouraging school garden work through the seed distribution. Formerly it was the practice to send the same kind of seeds to the cities as was sent to the country districts. Now special arrangements have been made for placing in the hands of senators and members of congress who have city constituents seeds especially designed for encouraging garden work in the public schools. Circulars of instruction have been prepared and issued with these seeds. Special attention has also been given to the securing and distribution of improved forage-crop seed, cotton seed, and other seeds.

It has been apparent for some time that Secretary Wilson has greatly reformed the work of seed distribution. Seed packages are labeled much more correctly than in former years and they are almost always reliable from the germination standpoint. If congress is to continue its liberal appropriation for this purpose it is commendable that the department of agriculture should co-operate to the end that the people shall be given the best possible service for the money appropriated.

Some time ago we took occasion, before congress had made its last appropriation for seeds, to denounce the practice and expressed the hope that the department of agriculture would be given the amount annually used for this purpose to use in other and more important work. The comments afterwards received from our subscribers on the stand taken by us were not all favorable, several expressing themselves as believing that the common people were entitled to some such favor at the hands of their national government. We still maintain that the practice of distributing seeds free has outgrown its usefulness, because it is almost impossible to find "new and useful" seeds for distribution. The resort to the use of common vegetable seeds, promiscuously distributed among those who use them and those who do not, is senseless legislation. We hope that at some future time there will be found sufficient nerve in both houses of congress to vote down forever the practice of distributing free seeds.

A HANDSOME POSTER.

The publicity department of the American Royal Live Stock Show is distributing a handsome colored poster adver-

tising this year's show, which is to be held at Kansas City, October 6th to 13th. The poster is in five colors. The central figure is that of a handsome girl, and is surrounded by a circle of heads of typical animals of the several breeds included in the show. The poster is pronounced one of the most artistic of the series issued by the American Royal.

Special interest attaches to this poster by reason of the fact that it was designed by Miss Cora E. Cowan, of Chicago, daughter of B. O. Cowan, assistant secretary of the American Short-horn Breeders' Association. Miss Cowan is a young artist of decided talent, her work having received much praise from leading artists of this country. Her pronounced success in this, her first venture in the field of poster designing, would indicate that she is destined to achieve prominence in this line of work.

Ten thousand copies of this poster are being sent out to railroad stations, banks, business houses and breeders. As long as the supply lasts, copies will be sent free on application to Jno. M. Hazelton, superintendent of publicity American Live Stock Show, 1710 West 16th street, Kansas City, Mo.

Kansas Weather and Crops.

To the Editor of The Homestead:

Kansas is having her summer now. It has been blistering hot for the past four days, and today has been the hottest of them all. Just how hot it has been, we have no means of telling, as we have no thermometer, but we know it has been just as hot as we care to see it, and at the same time work in the hay field. There has been no breeze, which makes the heat all the more noticeable.

Almost everyone is at work putting up prairie hay. It is fine weather for that as far as curing the hay is concerned. That mowed in the forenoon is ready for the rake and stack right after dinner. There will be no hay put in the stack or mow too green as long as this weather lasts. The crop is an average one—about the same as last year's. It is selling for a good price, and many are baling from the field and shipping. Getting the hay up is being retarded by lack of help. The grass is already at the stage where it ought to be cut to make the best hay. In reality, however, the work of putting it up has just started.

Secretary Coburn has footed up the figures of yields of wheat as reported to

him, and finds that the present estimate of this year's crop is over 91 million bushels. This is 20 per cent more than the estimate made earlier in the season, caused by the grain thrashing out better than expected. There has been only one larger crop raised in the state, but this present one is large enough to put Kansas way in the front rank as a wheat producer. No other state in the Union can come anywhere near us in quantity or quality.

Coburn's report on the corn crop also makes interesting reading. It shows that Kansas is booked for a big crop of corn. There used to be a saying that corn and wheat never "hit" together. If there was a big wheat crop, the corn would be short, or vice versa. This is one of those years when everything "hits" in Kansas. As the Boston paper says, "more pianos for the girls on the Kansas farms."

It is going to take no small amount of disking to work some of the early plowed fields into shape for seeding. From a distance, some of the earliest plowed look like a newly started meadow, but the crab and water grass is yet small and tender, and a good disk will easily turn it out. Should we have two weeks of wet weather, though, it would be more like a meadow than ever, and a disk might not do the work. The air is perfectly still this evening, and it is hot. What we ask for is a puff of northwest wind. We don't need any moisture, but we could use a little breeze here in this corner of the "Windy West."

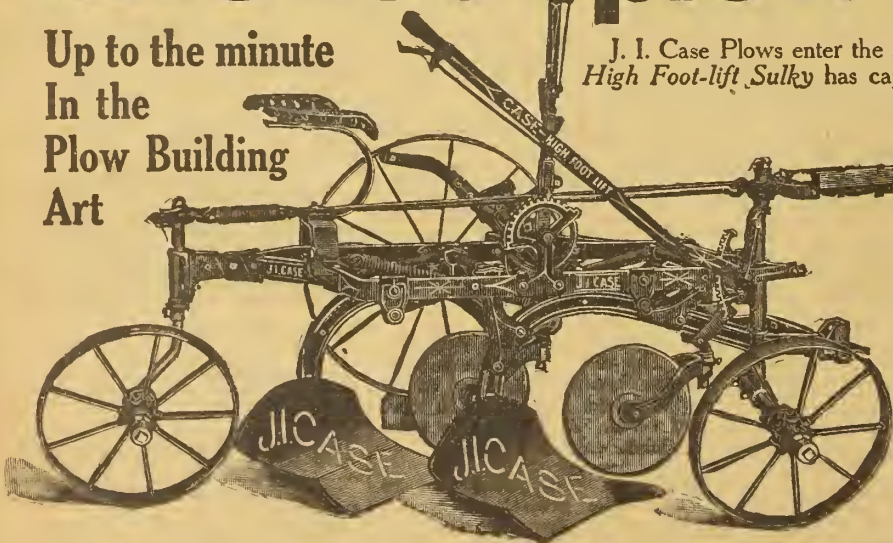
Henry Hatch.

Those of our readers who are coming to the Iowa State Fair next week will do well to write or call on Mr. L. A. Jester, secretary of the East Side Commercial League, who can locate board and lodging for fair visitors. He can be found on the ground floor in the Capital City State Bank Building, on the southwest corner of East Fifth and Locust streets. This building is a six story building one block east of the Northwestern depot and four blocks west of the capitol. Mr. Jester is an affable and cordial gentleman and will be glad to locate visitors in good homes on the east side of the river.

Read what the Litchfield Mfg. Co. have to say this week about the "Litchfield Spreader," and watch their space next week. They may surprise you.

J. I. Case plow supremacy

Up to the minute
In the
Plow Building
Art



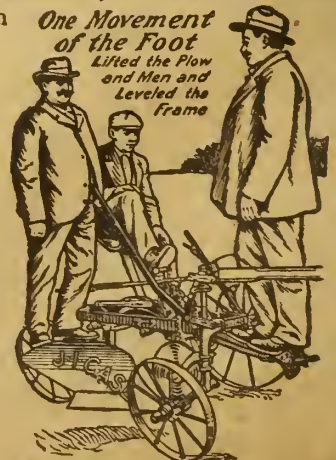
J. I. Case Plows enter the season 1906-7 absolutely supreme. The J. I. Case Self-leveling, High Foot-lift Sulky has captured the entire country. It is a marvel to farmers everywhere.

It has brought out many advantages that were heretofore thought impossible. It is the only real High Foot-lift and more nearly approaches the ideal than any riding Plow ever built.

One movement of the foot-lever raises the bottoms from six inches in the ground to six inches above the ground. You do not need to operate a hand-lever, in addition to the foot lever, in order to complete this operation as in other makes of Plows. This single lever feature, for raising and lowering the bottoms and leveling the frame in one operation, is original with J. I. Case Plows and is a labor saver.

And remember, one movement of foot-lever not only raises the bottoms way up high in the frame, out of the way of the trash, but the same operation levels the frame. Two results with one operation. Other so called foot-lift Plows require the handling of a hand-lever, in addition to the foot-lever, in order to level the frame, or the operator must ride in an uncomfortable position.

One Movement
of the Foot
Lifted the Plow
and Men and
Leveled the
Frame



while having a powerful leverage in the foot-lever, is aided by a strong lifting spring so that even a boy can lift the bottoms out of the ground with ease.

Further, the foot-lever and height of seat can be quickly adjusted to suit the reach of a tall or short person, thus making the high foot-lift self-leveling feature equally effective for any size of operator.

The bottoms enter the ground point down, heel up and start plowing at once. They come out point up, heel down.

It is provided with an adjustment to raise and lower the heel of the landside according to the condition of the soil.

It stays in no matter how hard the soil. It plows straight on the roughest ground.

It is light draft because the friction of the bottoms are carried on the wheels instead of on the ground.

We will gladly furnish you a complete description of this remarkable gang, for the asking, also our catalogue of the entire J. I. C. line. Read our free offer below and write today.

FREE Farmer's Encyclopedia Have you had your copy? There is one waiting for you. 146 page cloth bound volume.

Simply tell us what implements you need the coming season, enclose ten cents for packing and postage, with the name and address of your dealer. Address

J. I. Case Plow Works Department J22, Racine, Wis.

Echoes From a Kansas Farm

By Henry Hatch

Sometimes it is thirty acres when sown, twenty acres when thrashed, and just eighteen acres when the neighbor who harvested it is paid.

We have the chronic kicker and the chronic borrower. Which is the worst to have in a neighborhood, it is hard to say. Then, too, there is the free borrower and the stingy lender.

Early plowed land is showing a tinge of green. It is crab-grass. Crab-grass is a great nuisance and pest, but sometimes we think it a good thing. Without it, many would not work their land enough.

The corn-belt farmer of eastern Kansas is finding that wheat growing isn't all a snap. He finds that it takes work to get land ready for seeding, and it is work that must be done in hot weather and at a time when there is enough of something else to do.

The ten-disk drill is large enough. Ten disks, each eight inches apart, just take two rows in corn-stalk land as ordinarily planted, which is quite an object when drilling in spring grain or disked stalk fields. Eight inches is also the right distance between the disks; any closer causes clogging in damp ground.

Difference in the first cost causes some to buy the hoe drill, but they regret it in a year or two. The disk drill is positively ahead of any other style on the market, either hoe or runner. The hoe drill is a trash gatherer and the runner drill a horse puller. Disks roll through trash and leave it where it was before, while the difference in draft is as the draft of a sled is to a wagon, on bare ground.

Any old place has grown hay here this year. A seven-acre patch of this spring's seeding of clover yielded fifteen big loads of hay recently, on this farm, with another growth coming on. Five years ago we were told this land would not grow clover, and ten years ago several told us it would not grow anything.

So far as this section of the Southwest is concerned, the weather prophet who predicted a dry summer has got badly left, yet this does not prevent him from predicting a hard winter. Why is it customary for the majority of the weather-wise to predict hard winters? Why don't some of them speak for a mild winter once in a while?

It may be an inopportune time to ask it, but we would like to know what has become of the man who was going to furnish us farmers' fertilizer so condensed in the form of bacteria that enough

of it could be carried in the vest pocket to fertilize an acre of ground?

We know of a man who started out to do something this spring. He did not say he expected to do it, but we know his idea was to beat all the rest of us with a big yield of corn. He used commercial fertilizer at the time of planting, and drilled his corn so the stalks are from ten to twelve inches apart. He has a lot of nubbins in that field and but few good ears. When we start to do something big, we are apt to overdo, and get less for it.

Another neighbor hauled out a manure spreader yesterday. He lives two miles from town, so went in with four horses and brought a load of manure from one of the livery stables. It was coarse stuff, as liverymen always use coarse hay if they can get it, and much of it was with the manure. His spreader tore it in pieces so fine that it looked like dust when being spread. He has the seventy-bushel size, and it takes four horses to make easy work hauling it. Buying manure spreaders beats buying commercial fertilizer.

The newspapers give special prominence now to any story of bad beef sold by the packers. Last evening we read of a family being poisoned by bad beef that had been shipped from a packing house. In every case we believe beef leaves the packers in good shape, but in hot weather it does not take beef just out of cold storage long to become unfit for use. No doubt the methods of some of the packers are bad enough, but we believe the way some of the local dealers handle the beef after they get it from the packers needs looking into, also.

Land lookers are on the move again. Every excursion day the trains are packed, and the present is only a foretaste of what will probably come later. September, October and November is when the greatest rush is on. The agents are busy trying to get farmers hereabouts to list their farms with them, and many of the agents, when they strike a man who names a reasonable figure, buy at once, in their own name. There are many farms not for sale at any price, this one included. What is the use of selling, when a person is satisfied where he is?

INTERSTATE GOOD ROADS MEETING

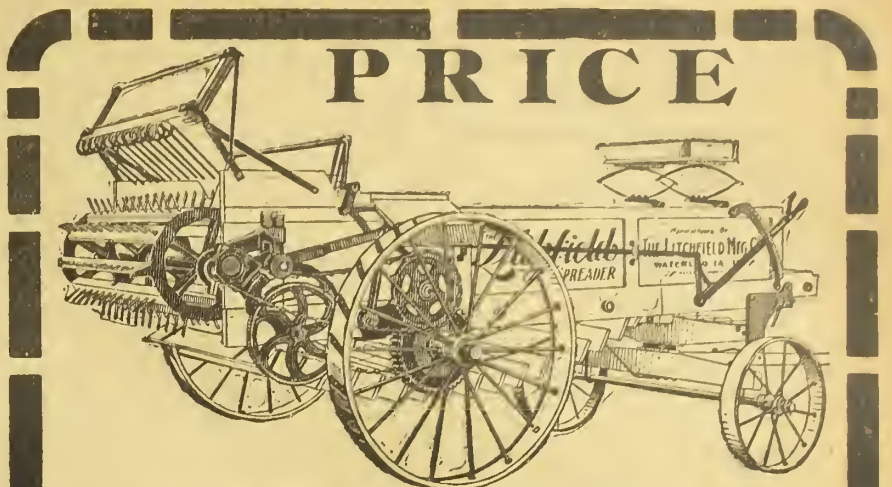
An important road meeting will be held from September 3d to 8th at Chillicothe, Mo., under the auspices of the Missouri State Board of Agriculture. It will be known as the Interstate Good Roads Convention, the program including speakers from a number of corn-belt states. The object of the convention is to crystallize sentiment in favor of some definite, practical, progressive scheme for road improvement in the central West.

We believe the importance of the road question justifies every county in the corn belt having a representative person at this convention. The program as furnished by Sec. George B. Ellis, of the Missouri State Board of Agriculture, is as follows:

Monday, September 3d—Preparation Day, "Laying Out Demonstrations in Road Construction, etc."

Tuesday, September 4th, 9 a. m.—Address of welcome, Prof. Allen Moore, Chillicothe; response, "Why Are We Here," Hon. Norman J. Colman, member of board of agriculture, St. Louis; appointment of judges and committees; demonstrations in road construction. 1 p. m.—"Better Roads For Missouri," Hon. Joseph W. Folk, governor of Missouri; "Road Maintenance," D. Ward King, "The Good Roads Apostrophe," Maitland; Senator T. J. Wornall, Liberty, Mo., one of the most prominent farmers and live stock breeders in the state, has made a tentative promise and will probably be on the program during this or the evening session. 7:30 p. m.—Paper, Hon. John Howatt, Clarksville, (Mr. Howatt was formerly a member of the board of agriculture of Iowa); an address, Judge I. C. Dempsey, Bowling Green; "Road Drainage," Mr. W. R. Goit, Kansas City, (Mr. Goit has had wide experience in the use of tile in road construction).

Wednesday, September 5th—All forenoon devoted to an examination of the road construction which will be in progress on the roads near Chillicothe. 1 p. m.—Paper, Hon. F. M. Filson, Cameron, (Mr. Filson is postmaster at Cameron and has recently organized the nine rural routes in his territory, so that practically every mile of road on these routes will be improved); "Value of Skilled Supervision in Road Work," F. P. Spaulding, dean of engineering department, Missouri State University; "Work of the Illinois Highway Department," Hon. A. M. Johnson, chief highway engineer of Illinois, (Mr. Johnson was formerly chief road engineer of the United States Department of Agriculture and has had a wide, practical experience in road building). 7:30 p. m.—Paper, E. E. Zimmerman, county clerk, Savannah, Mo.; "How to Build Roads," Mr. G. W. Donaghey, Conway, Ark., (Mr. Donaghey is an experienced road contractor);



PRICE

IS NOT THE WHOLE THING.

WE always admire a close buyer. It usually indicates a man who will appreciate a good thing when he gets it and who will take care of it. At the same time we like to see him a good buyer. If we can sell our Manure Spreaders to close buyers and good buyers, we prefer them every time for customers. We say to our customers, however, "Do not lose sight of what you are buying when you are figuring on what you pay for it."

Ordinarily, a horse is worth more than a dog, and a wagon worth more than a wheel barrow. So do not let the price of the dog fix the value on your horse, because if you do you may get a dog instead of a horse, or possibly may have to push a wheel barrow where you intended to ride in a wagon.

When you buy a Litchfield Spreader you get spreader value and not something else. The Litchfield Manufacturing Company has made farm machinery for twenty-seven years and the farmers of this western country have bought their machines. We are today selling to sons whose fathers bought Litchfield's goods during a previous generation. This is because for every dollar charged they got a dollar's worth.

It is to maintain this reputation that the Litchfield Spreader is built as it is today, with the high-class steel wheels in place of the cheap wood kind, which might answer the purpose. It is for this same reason that two and three-sixteenths-inch cold-rolled steel axles are used in place of the one and three-fourths-inch common steel, as many other manufacturers are using today. This is why the expensive, endless conveyor, with its no-choke system of sections is used in place of the half length, returning conveyor like we find in most other spreaders.

It is to maintain this reputation and strengthen it that these Spreaders are built with the modern style of expensive beater wheel construction and the new, improved Spreader body at the rear, also the adjustable pole for center or side hitch, the wide-faced tires on the wheels, the heavy system of drive from both wheels and the general, all-round construction that is made in this machine the best that the manufacturers know how to produce. "Seeing is believing" and if you will take occasion to see this machine operate you can appreciate our statements.

"How would you like to trade? We still have some Indian pictures left and, if our readers can give us the names of prospective Spreader buyers, we want to trade."

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

"Missouri and Good Roads," Hon. Walter Williams, Columbia, (few men are more widely known in Missouri than Mr. Williams, and everyone will be interested in hearing what he has to say on this subject).

Thursday, September 6th, 8:30 a. m.—Business session, discussion and adoption of resolutions. Witnessing road demonstrations. 1 p. m.—"Country Roads and Country Schools," Dr. R. H. Jesse, president Missouri State University, Columbia, Mo., (Dr. Jesse has recently made a tour of Europe and made a study of the road and school systems of several European countries); "A Random Talk," Hon. W. J. Stone, United States senator from Missouri, (Senator Stone needs no introduction to the people of Missouri; he will have something to say that will not only interest, but instruct, and everybody should hear him). 7:30 p. m.—Paper, Hon. Benton Gabbert, Dearborn, Mo.; "Concrete Construction in Road Work," Hon. Thomas H. MacDonald, chief highway engineer for the state of Iowa, (this lecture will be illustrated with stereopticon views, and will be highly entertaining and full of information on a subject of very great importance); an address, Hon. H. H. Weaver, Rush Tower, Mo., (Mr. Weaver has had a great deal of legislative experience, and what he has to say will be valuable in formulating proposed legislation).

Friday, September 7th, 8:30 a. m.—Business session; road demonstration and awarding of prizes. 1 p. m.—"Good Roads Legislation," Hon. Wm. W. Rucker, Keytesville, Mo., (Mr. Rucker is a member of congress from the second district and is very much interested in the subject of improved roads); an address, (subject to be selected), Hon. Samuel Lancaster, consulting engineer, office of public roads, department of agriculture, Washington, D. C., (the United States Department of Agriculture for several years has been building object-lesson roads in several different states, and everyone interested in practical road building should not fail to hear Mr. Lancaster's address).

ST. PAUL AND MINNEAPOLIS POPULAR EXCURSION.

On Friday, August 31st, the Chicago Great Western Railway will have a popular excursion from Des Moines to St. Paul and Minneapolis at rate of \$4.50. Tickets will be good going on special train, leaving Des Moines at 9:30 p. m., and good to return on all regular trains Saturday and Sunday, September 1st and 2d. Special coaches will be reserved for ladies and gentlemen, checks for which may be obtained at City Ticket Office. Berth rate in tourist sleeper, \$1. Reservations should be made early. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

CHEAP R. R. RATES VIA M. & ST. L. Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays to Montana, Washington, etc., at one fare plus \$2.00.

Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.

Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.

For particulars call at the M. & St. L. ticket office, 512 Walnut St., Des Moines, Iowa.

\$24.95 BUYS THE NEW IMPROVED MODEL K ECONOMY HAND CREAM SEPARATOR

400-pound per hour capacity, the best separator made in the world, provided we receive your order within 30 days.

SEND NO MONEY. Cut this ad and send to us and we will send this big, 400-pound per hour capacity, New Improved, Model K Economy Hand Cream Separator by freight, C. O. D., subject to examination. Examine it at your nearest railroad station, and if you are convinced it is the equal of any separator you can buy anywhere for \$100.00, then pay the railroad agent our special thirty-day offer price \$24.95, and freight charges. The separator weighs about 200 pounds and the freight will average about \$1.00 for each 500 miles.

TAKE THE SEPARATOR HOME, give it a thorough trial, compare it with any other separator made, and if you do not find this new big, 400-pound per hour Model K Economy Hand Cream Separator will skim closer, skim colder milk, run easier, clean easier, and handle better than any other separator made regardless of name or price, if you are not satisfied it will wear any other separator made, if you are not convinced it is in every way the highest grade cream separator made in the world, you can any time after giving it the most thorough trial for any part of 60 days, return it to us at our expense and we will immediately return your \$24.95 together with any freight charges paid by you.

THIS OFFER IS GOOD ONLY FOR 30 DAYS. To get this new, big, 400-pound per hour capacity Model K New Improved Economy Separator for only \$24.95, less than one-half the price for which separators are sold to dealers in carload lots, and one-fourth the price at which inferior separators are sold at retail, to take advantage of this extraordinary \$24.95 price WE MUST RECEIVE YOUR ORDER WITHIN 30 DAYS.

WE HAVE 3,000 of these new, big, 400-pound per hour capacity Model K Economy Separators on hand and as a most extraordinary offer and inducement to dispose of them all within 30 days we make this astonishing offer: Send no money. Pay the \$24.95 to the railroad agent after the machine has been received, then try it 60 days and if the separator is not entirely satisfactory return it to us and get your money back.

THIS SEPARATOR is covered by a written binding 20-year guarantee. We will always furnish you repairs in the years to come. We guarantee the machine to do everything that any other separator will do and do it easier and better. Don't wait until next spring and then pay \$75.00 or \$100.00 for an inferior machine. Send us your order immediately. Your order must reach us within 30 days to get the benefit of our \$24.95 price on this big 400-pound per hour capacity Model K Economy Separator, the best separator made in the world. If you don't order this Big Machine at \$24.95, don't fail to write for our free Cream Separator Catalogue. Address, SEARS, ROEBUCK & CO., Chicago.

ROYAL PITLESS WAGON SCALE

SOLD on 30 days free trial. For catalog and discounts, address, Monarch Grubber Co., Lone Tree, Ia.

Make Your Own Fence Posts

AND building blocks. Make them of cement and sand. Cheaper than wood. Will last forever. Make for your neighbors. Write for catalog of molds. EQUITABLE SPECIALTY CO., 714 E. L. & T. Bldg., Des Moines, Ia.

PATENTS
ORWIG & LANE,
DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

AKIN HUSKER

Now, husk corn in comfort. Send 25c for the Akin Husker that fits the hand snug and solid. New adjustable peg is made of cold drawn steel and mounted with a spring.

NO BLISTERED HANDS and fingers. Relieves strain on wrist and hand. You can husk rapidly and easily. If your dealer hasn't it send 25c right off and learn how to enjoy husking more. Sent postpaid.

25c

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MUSGRAVE U. S. STANDARD FARM SCALES.

HAVE stood the test for 25 years. Absolutely GUARANTEED. Prices the lowest, consistent with quality. We send them anywhere on trial. Write TODAY.

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CURRENT EVENTS AND COMMENTS

On Friday last 1,200 persons lost their lives in the city of Valparaiso on account of an earthquake which shook that city. The property loss from the shake, as well as from the fire, is estimated at over one hundred million dollars. The population of the city is upwards of 150,000 and it is the most important town on the western coast of South America. Other towns along the coast have experienced rather severe shakes.

The important events of the next few weeks are the state fairs. In the corn and wheat belt the dates for these fairs are as follows: Iowa, at Des Moines, August 24-31; Nebraska, at Lincoln, September 3-7; Ohio, at Columbus, September 3-8; Minnesota, at Hamline, September 3-8; Indiana, at Indianapolis, September 10-14; (Kansas, at Topeka, September 10-15;) Iowa Interstate, at Sioux City, September 10-15; South Dakota, at Huron, September 10-15; Wisconsin, at Milwaukee, September 10-15; Missouri, at Sedalia, September 29-October 5; (Kansas, at Hutchinson, September 17-22;) Illinois, at Springfield, September 28-October 5; Missouri, (American Royal), at Kansas City, October 8-13.

It looks now as though Speaker Cannon, of the house of representatives, was, in the estimation of those who make and unmake statesmen, the logical leader of republicans as a candidate for president. He was given his seventeenth nomination by acclamation at Danville, Ill., a few days ago, and commended to the Republican National Convention of 1908 for nomination as candidate for president. Speaker Cannon is seventy years old. President Roosevelt, at a conference recently held at Oyster Bay, predicted that Speaker Cannon would be the next president. President Roosevelt stated that no necessity could arise that would induce him to accept the nomination again, even if it were tendered him.

Certain sections of the corn belt were visited last week by the heaviest rain storms that have been known for years. In some instances, as much as five inches of rain fell in as many hours. Fortunately, but little wind accompanied the rain, and no damage was done to corn by lodging. Intensely hot weather followed these rains for a few days, accompanied by an atmosphere highly charged with moisture. As a natural result much suffering in the populated centers was experienced, and not a few deaths. Corn, generally speaking, was benefited by the rain, though the effect will be to delay the maturing date to some extent.

Preliminary classification catalogs for the International Live Stock Exposition, to be held in Chicago in December, are now being sent out. Numerous changes have been made in several classes, and those who contemplate exhibiting should secure one of these catalogs. Application should be made to W. E. Skinner, Union Stock Yards, Chicago.

The Iowa State Fair.

It is not so much a boast as a statement of fact with reference to the Iowa State Fair to say that it is the greatest annual state exposition held anywhere on earth. For the fifty-second time the gates will open again on August 24th. The managers of the Iowa State Fairs take pride, and pardonably so, in the all-round completeness and perfection of their annual exhibitions. There have been other greater industrial expositions and sometimes a larger number of prize-winning farm animals are got together, but as an annual affair this one in Iowa and for Iowa is such that comparison with all others is invited.

Everybody knows what a fair is, but nobody can know the Iowa State Fair unless he spends more than one day on the grounds. A good catalog will give the main points, but the progressive farmer who desires that he get full value for his pains must spend several days at the fair grounds. The fair naturally divides into several features, namely:

Educational and instructive: A summer school of agriculture; a dairy school and milk cow test; great show of fruit and flowers and all farm products; seed corn judging and competition; contest

of the greatest herds in the world and exhibition of prize-winning live stock; show of all the best farm machinery and appliances for economy and labor saving. Recreation and pleasure: Splendid speed program; great airship exhibition; unrivaled vaudeville show of high-class and clean exhibitions; fireworks and choicest music; soldiers' campfire and opportunity for summer camping.

Profit: Best opportunity in the world for making intelligent selections for improvement of herds and flocks; chance to study best machinery and make comparisons; exchange of views and information as to farm methods.

In the past ten years there has been much done to improve the 226-acre park where the Iowa fairs are held. More than \$174,000 has been expended in permanent improvements in six years, and about \$25,000 is being expended this year. All this and more is really needed to care for the increasing number of entries and the greater demand for opportunities for all sorts of exhibitions.

The live stock departments are especially fine. No finer herds of cattle are seen anywhere. The best breeders of all the midland country attend with their choicest products. Ex-gov. Packard, of Marshall county, has had charge of this department and has made the Iowa cattle shows famous among all lovers of fine stock. The horse department is now in charge of Prof. C. F. Curtiss, of Ames, and he is bringing to this department a broad experience and large abilities.

This year, so it is announced, the machinery and implement exhibit will occupy far more space than ever before. An especially good show will be given of all the latest farm machinery, such as manure spreaders, stackers, ditchers, etc. An electric plant is being installed for the operation of machinery. An exhibition of steel wire making will be given. There will be a larger number of vehicles on the ground than ever before.

One of the features of the Iowa fair appreciated by the people who come long distances is the women's rest building and the emergency hospital. Women and small children find the rest building ideal for a quiet hour in which to recover from the fatigue of sight-seeing, and the matron and doctor in charge are ready to quickly attend to all wants of those who may be ill. Sight-seeing at the fair is thus made free from the danger of illness.

It is the belief of President Murrow, Secretary Simpson, and others of the fair managers, that while the central idea of the Iowa State Fair as a purely agricultural and live stock show and an industrial exposition with educational features should never be deviated from in the least, there is a genuine demand for wholesome amusements that will prove attractive to all fair visitors. To this end the incidental program is varied in nature and filled with novelties.

The speed program is excellent in every way. Interspersed with the races

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You know the old chickens can stand outdoor wet, but not indoor dampness. You know that little chickens can't stand either. Then why run the chance of having one leaky spot kill the little ones in a few hours? Why risk a damp coop that will give your strongest hens rheumatism—kill them in a few days? Get a rain and damp-proof roof. Get

Rex Flintkote Roofing

An ordinary farm-hand can lay it perfectly. Once down it stays despite all wind. Water can't get under it because there are no rough, turn-up edges. Dampness can't get through it because it's non-porous. Sparks can't ignite it for it is treated by our chemical process. Makes perfect siding. Used everywhere on all kinds of buildings. Artistic effects can be attained with our new paint adapted to Flintkote Roofing. Send for free booklet. For 4 cents in stamps we send a valuable book, "Making Poultry Pay."

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CATALOGUE FREE.

there will be best music and vaudeville acts. The music will be by the famous Liberatori military and concert band, of New York, and his soloists; also by the Fifty-sixth regiment band, I. N. G., of Fort Dodge, and an orchestra for the pavilion.

The vaudeville features from which the four splendid night shows will be made, include the Miller performing elephants; the Allison troupe of acrobats from Europe in wonderful exhibitions; the four Pickards, in feats of skill in aerial bar work; the sensational "Double Gap of Death," wherein riders of bicycles pass each other in mid-air; the seventeen Zouaves in exhibitions of wall-scaling and drills; Clayton, Jackson and Jasper, in comedy mule act; the "Dark-town Circus," and similar features. The

fireworks display will be the best ever brought to the state.

But the one great sensational feature of the amusement program this year will be the exhibitions of the Knabenshue airship, in aerial flight from its station on the fair grounds to the city of Des Moines and return, at a high altitude. This is the only successful air craft outside of France and it will be the first exhibition in Iowa. No one thing will be more sensational and really interesting than this airship show. The first trip will be made on Monday of fair week.

With good crops, with abundant prosperity, with the spirit of progress leading on, there is every reason to anticipate that the Iowa State Fair of 1906 will lead all others.

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY. On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



Farm house on the Monona, Iowa farm offered for sale by Mr. Z. T. Lindsey, of Omaha, Neb. The farm contains 567 acres and is quite fully described in the advertisement on page 17.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should result \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

ROAD BOSSES.

A Subscriber, Ames, Iowa.—A road supervisor has dug a large hole in the public road on a side hill, so that the road is narrowed to about seventeen feet in width. The hole is about nine feet deep and on a corner and makes a dangerous place for people traveling on the road, especially after night. The hole was dug to obtain sand and gravel, but only fine sand was found, which is of no use in repairing roads. What remedy is there in such a case?

Answer.—Call the attention of the township trustees to the matter. If they will not act, about the only practicable remedy the people have is to elect another board. In this country the officeholders, even including trustees and road bosses, are supposed to be the servants of the people, anxious to carry out their will. If they will not do so with alacrity and cheerfulness, the people can eventually retire them to private life. In such cases the remedy seems to be political and not legal.

CITIZENSHIP.

Mr. Henry Salvason, Gilmore City, Iowa.—I was three years old when I came to the United States with my father. I have lived in the United States ever since, and am now twenty-five years old. My father took out his first naturalization papers in 1900. (1) Do I have to be naturalized before I can vote in Iowa? (2) If a foreigner has taken out his first naturalization papers, can he enter a homestead in North Dakota? (3) Do I need naturalization papers in order to take a homestead in North Dakota?

Answer.—(1) If you were under twenty-one years of age when your father was naturalized, you are a citizen of the United States, and can vote in Iowa without being naturalized; if you were over twenty-one years old when your father was naturalized, then you must be naturalized, before you can vote in Iowa. (2) He can. (3) If you were over twenty-one years old when your father was naturalized, you must make your declaration of intention to become a citizen of the United States, (first papers) before you can enter a homestead in North Dakota, or elsewhere.

PEDIGREES—STALLIONS AND BULLS.

Mr. J. W. Pierce, Republic, Iowa.—Please publish the new law in relation to the pedigrees of stallions and bulls, and state when it will take effect.

Answer.—The new law passed by the legislature of 1906 on the subject of pedigrees is too long for publication in full in this department, but its main provisions are as follows: The owner or keeper of any stallion or bull kept for public service, or for sale, exchange or transfer, who represents such animal to be pure-bred, thoroughbred, standard-bred or registered, must cause the same to be registered in some stud book or herd book recognized by the department of agriculture at Washington, D. C., and obtain a certificate of registration of such animal. He must then forward such certificate to the secretary of the state board of agriculture of Iowa, who examines it and if he finds it correct, issues a certificate to the owner or keeper, which certificate must be posted on the door or stall of the stable where such animal is usually kept. Any patron is entitled to a copy of such certificate upon request. The fee for issuing the certificate by the secretary of the state board of agriculture is one dollar. In case of sale or transfer of the animal, the purchaser may have a new certificate issued in his name by filing

the assigned original certificate and paying fifty cents. The penalty for fraudulently representing the pedigree of a stallion or bull, or posting or publishing a false representation of such pedigree, is a fine not exceeding \$100 or imprisonment in the county jail not exceeding thirty days, or both. The law is now in force.

TENANTS IN COMMON—PARTITION.

Mr. J. E. Davis, Girard, Kan.—A and B. each own a half interest in a livery barn. B., who is a veterinary surgeon, uses half the barn for a hospital and feed barn. He wishes to buy A.'s interest in the barn. A. refuses to sell because he owns another livery barn in the same town and fears the competition. Can B. compel A. to either sell or rent his interest in the barn to him?

Answer.—He cannot, but he can bring suit for partition, and force a sale by order of court and a division of the proceeds. At such a sale B. would have an opportunity to bid in the property like any other bidder.

SALE OF LAND—DECEIT.

A Subscriber, Benton, Iowa.—Last summer I traded farms with B. through A., his agent. A. showed me around the farm and represented the well near the house to be fifty feet deep and that it supplies plenty of water. I moved on the place after the trade and found that the well was only twenty feet deep and good for nothing. I have a witness to these representations. Who, if anyone, is liable to me?

Answer.—It is somewhat doubtful whether you could hold anyone liable for damages. The matter is complicated by several things. First, the fact that you, being on the ground, did not half investigate for yourself. Second, what authority the agents had, if any, to make such representations. Third, the loose, uncertain nature of the representations made except as to depth, etc. All these things would make the result of a law suit uncertain. Compromise with B., if possible, without litigation.

TAX TITLE—HEIRS.

A Subscriber, Miller, Mo.—A. deeded to each of his children a piece of real estate in Missouri. To his youngest daughter, B., he deeded 120 acres of land for her life time, then to her heirs. B. has eight children. Her husband has induced her to let the land be sold for taxes. He hopes to buy it in at the tax sale and in this way beat the children out of their inheritance. (1) Can either of B.'s children pay its proportionate share of the taxes and prevent a sale of its share in the land? (2) In case B.'s husband should obtain a tax title, would it exclude B.'s heirs at her death from inheriting the land?

Answer.—(1) No; because if a tax sale takes place at all, it is the whole land that is sold; not in shares or undivided parts. B.'s children should pay all the taxes on the whole tract of 120 acres; if it has already been sold for taxes, B.'s children should redeem it. (2) Such a title would cut off B.'s children from inheriting the land from their mother at her death.

DIVISIBILITY OF CONTRACT.

A Subscriber, Oelwein, Iowa.—(1) Ten persons signed a contract with a company. The company released one of the signers. Can it hold the others to fulfill the contract? (2) A company entered into a written contract for the sale of two certain horses. The company shipped one of the horses out of the country. Can it compel the buyer to take the other horse?

Answer.—(1) On general principles, the company can hold the others liable, but we could give a more precise and reliable answer, if we knew more about the nature and terms of the contract. (2) If both the horses were the subject of one contract and not bought separately, by distinct contracts, the company cannot hold the buyer to the bargain to the extent of one of the horses, but if the horses were bought in separate agreements, each one being the subject of a contract, then the company can hold the buyer liable for the price of the one delivered.

HOMESTEAD—MARINE SERVICE.

Mr. W. A. Paine, Eagle Grove.—A young man served five years in the marine corps of the United States navy, but was not in the war of the rebellion, nor in the Spanish, or Philippine wars. He has taken a homestead in North Dakota, and they tell him at the Dickinson land office that he has no rights other than any American citizen and must reside on his claim for the period of five years. Where can I find the law on the subject?

Answer.—The land officers are correct. It is provided in the Act of June 16, 1898, Chap. 458, 30 U. S. Statutes at Large, page 473, as follows: "In every case in which a settler on the public land of the United States under the homestead laws, enlists, or is actually engaged in the army, navy or marine corps of the United States, as a private soldier, officer, seaman or marine, during the existing war with Spain, or during any other war in which the United States may be engaged, his services therein shall in the administration of the homestead laws, be construed to be equivalent to



Now Is The Time

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THESE ARE THE REASONS:

Your corn crop will reach that state of perfect maturity before long—when the ears begin to glaze.

If you have a good reliable corn harvester and binder or harvester and shocker on your place at that time, you are all ready to go over the field rapidly and secure the whole 100 per cent feeding value of that crop.

If you don't have a corn binder or shocker at that time, you will likely snap or husk the corn in the field and leave the stalks standing.

If you do that, you will lose 40 per cent of the feeding value of your crop—because the stalks, leaves and husks contain 40 per cent of the crops' feeding value at the time of maturity.

Gather only the ears and you lose that stover value for good. If you cut the stalks at the right time and cured in the stack, they are practically worthless. When left standing in the field they lose their nutritious juices and become little more than woody fibre in a short time.

Harvest the whole crop, instead of simply gathering the ears, and you will add \$16.00 extra profit to every acre you cut.

The stover will give you that much extra feeding value, because, when the crop is cut at the right time, properly cured and run through a husker and shredder, the stover is nearly equal in feeding value to good timothy hay.

It is worth \$8.00 a ton; you will cut at least two tons from each acre, thereby realizing \$16.00 more profit per acre than your neighbor who

snaps or husks in the field. The hay crop is light this year, and the demand will be so great that you can readily market your entire crop at a good price. If you will cut all of your corn and *shred* the fodder, you will have enough forage to keep your stock all winter—and you can sell your hay.

If you didn't know the value of the corn plant when properly cared for, you might think we put the case this way simply because we want to sell you a corn binder or shocker.

But, most likely, you do know that what we have said are undisputed facts, demonstrated and taught by various Government Experiment Stations, the best farm papers and other high authorities.

When we say, cut your whole crop at the right time and run it through a shredder any time during the fall or winter—we only repeat what the highest authorities in the country are teaching and have been teaching for a long time.

The dairyman gets the full value of his crop by using a corn harvester and making ensilage. You can do even better than the dairyman if you invest in the right corn machines. You can feed the stover and market the grain separately.

This proposition must appeal to you, and as you cannot handle the whole crop successfully and economically without a first class corn binder or shocker and shredder, we urge you to call on the nearest dealer and get a catalog and examine the merits of any of the following makes:

Deering, Milwaukee, McCormick, Osborne and Champion Corn Binders; Deering, McCormick and Plano Huskers and Shredders

In each of these machines you have all the advantages made possible by the unequalled manufacturing facilities of the International Harvester Company.

The International Harvester Company owns its own timber lands and saw mills, its own iron and coal mines, its own coke plants and rolling mills, from which it produces a large percentage of all raw materials used, selecting in every instance only the best material and working it out in the best way in the above great manufacturing plants. These are advantages which no buyer can afford to overlook.

The International lines are represented by different dealers in your town. Call on them for catalogues and investigate their machines.

International Harvester Company of America, Chicago, Ill. (INCORPORATED)



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THOUSANDS IN USE. BURNS ANY KIND OF FUEL. 11 YEARS on the MARKET.

Having BOVEE'S Improved Hot Blast Ventilating System and Return Circulating Radiator, which gives perfectly pure air and saves One-Third of the Fuel. Any handy man can properly install one of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first-class. We can save you 40 per cent on the cost of your heating plant, our price being but little more than good stoves. Send for catalog. We have the largest and best line of furnaces in use, including our Celebrated WATERLOO Furnace, complete for..... \$43

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BINDER TWINE FOR CORN HARVEST

AUGUST POST, MOULTON, IOWA.

all intents and purposes, to residence and cultivation for the same length of time upon the tract entered or settled." It is not necessary that the marine or soldier should be actually engaged in any fighting, but he must serve during a war. Your question answered on the 15th of February, 1906, was not full as to the statement of facts.

SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS. Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until

October 31st. Specially low rate round trip tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 18th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y., until December, 1906, to authorized homeseeper points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

Don't Guess At It.
You want correct weights. You want scales that are always in order. You want scales that will endure. Get **The Howe Standard** the 50 year favorite with farmers. It has stood the test. Ball bearing, steel frame, compound beam, adjustable stock rack. Get free book for particulars.
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VETERINARY MATTERS.

PROFESSIONAL. Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

LAME COLT.

I have a horse colt about three and a half months old, still suckling, that will weigh about 500 pounds, which is lame on one of his hind legs. He favors the leg when he trots or stands. I thought it might be spavin, but there are no signs of it on the hock. What would you call it and what would you prescribe as a cure?

You give no hint which would enable us to even guess at the location or cause of the lameness and it is evident that an examination will have to be made by a veterinarian on the spot.

DIPPING PIGS.

My pigs have some sort of skin trouble; they rub and seem to be a little scabby, and I thought of dipping them when I castrate them. Should I dip them before or after they are castrated? As I have no tank, I thought I would use a barrel, and make a dip of one part Kresol dip to seventy-five parts water.

The pigs should be dipped before castration and the disinfectant will be an advantage in making infection less liable to happen from the wounds in scrotum. The solution mentioned will prove effective. A fee of one dollar must accompany an inquiry to which an answer is desired by mail.

SICK MARE.

I have a fourteen-year-old mare which had a colt this spring and got along all right until about ten days after I had bred her again (to a stallion that weighs a ton), when I noticed her straining some as if in heat. She continued worse for a week and since that time seems about the same. She humps her back and drags the points of her boobs on the ground when walking; draws in her flanks, and is getting very poor, although she has a voracious appetite. Her flanks are drawn very tightly from hip bone down toward point of belly. She is very uneasy and rests first one hind leg and then the other. Is there a possibility of the stallion hurting her inwardly at time of service?

This is a case for the local veterinarian who will have to make an examination of the vagina and womb for injury or disease due to service of stallion. Without such an examination we are unable to give an opinion as to nature of trouble present.

LAMENESS.

I have a valuable registered trotting stallion, one year old the 30th of last April. Last October he got lame in one of his hind pastern joints and then got all over it, but in about a week or ten days he became lame in the other hind pastern joint. He continued this way until April of this year, never being lame in both joints at once, but one at a time, with a little time intervening sometimes. He has not been lame now for four or five months, but his hind pastern joints are a little enlarged and seem to be a little tender when touched, although not much. I would like to know the cause of the lameness and also if anything can be done to help the joints. Will he outgrow it? Last summer he ran in the pasture with his dam, and last winter was kept in a good barn at night and allowed to run in the lot in the day time, his feed being largely oats, with some corn, and all the good hay he would eat. He is now running in the pasture with his dam.

The symptoms suggest lameness as the cause of the recurring lameness and it implicates the sheaths of the tendons. He likely will grow out of it, but should he have another attack we would remove the hair and blister the joints with cerate of cantharides or some other effective blister and internally give salicylate of soda in two dram doses twice daily. Meanwhile do not blister, but simply hand rub the parts thoroughly once or twice daily, using a little oil on the

hands. Allow plenty of out-door exercise and keep him growing by generous feeding on oats and bran along with fodders.

SALT FOR HOGS.

Should I salt my hogs? One of my neighbors advises me to, and another says not.

It is usual to add salt to slop for hogs at the rate of about a handful to the barrel.

LAMENESS.

I have a black roan mare, three years old, which I have had to leave tied in the barn for two weeks. She kicked the partition a good deal, and is now so lame she will not stand on that foot when taken out for exercise. She will walk on the toe of her foot for about half a mile, and seems to drop forward on that ankle, after being driven on a walk for two or three miles will scarcely limp at all, but as soon as stopped will stand on toe again. The past day or two she rubs the lame joint with her upper lip. What can I do for her?

It is probable that if you simply turn her out to grass for a month the lameness will pass off, but if it proves tardy in disappearing a blister should be applied to affected part.

SORE ON UDDER.

I had a three-year-old black heifer come fresh about two months ago and began milking her. On brushing her udder I discovered on the right side at the top of the udder a rough place, as though it had been scratched by wire. I supposed it would heal up, but later found that it was a sore. I immediately quit using her milk, and now the place extends nearly across her udder and is about two inches wide. What can I do for it?

Cleanse parts thoroughly with soap and hot water and when scales have been removed and part is dry apply a little benzoated oxid of zinc ointment. Repeat application twice daily.

GOITER.

Will you please tell me what is the matter with my calves? I have had several of them drop this year with a lump or large neck. The local veterinarian says it is goiter. What is the cause of it and what can I do for it?

Your veterinarian is correct in his diagnosis, and doubtless is competent to treat the cases. They indicate, as a rule, weak constitution, mal-nutrition, an excess of lime in drinking water and food, in-and-in-breeding, or some debilitating cause. Avoid any cause such as we have suggested. Rub tumors (enlarged thyroid glands) with iodine ointment daily and give iodid of potash in drinking water under direction of your veterinarian.

SCIRRHUS CORDS.

I had a yearling colt castrated last spring. He seemed to get along all right and has grown well all summer, but when I examined him a few days ago I found that the skin had grown to the cords, leaving the ends exposed. A watery pus exudes from the ends of the cords. What treatment would you advise me to give the colt?

It will be necessary to dissect the cords free from their attachments with the scrotal walls and then sever them above the tumors. The operation is somewhat dangerous on account of the bleeding which is apt to take place, so that it would be safest to employ an expert. Such cases are easily avoided by making free incisions in the scrotum at castration time and cutting the cords high, so that they will not become caught between the healing scrotal wounds. In bad cases infection with a fungus known as botryomyces complicates matters and explains growth of tumor and formation of pus.

LOCK JAW.

What should I have done for a horse that died of what was pronounced to be lock jaw? He was a four-year-old, large, strong, and a willing worker. Some time before he took sick he got a sore in his front foot, caused, apparently, by snagging it. This I kept open, using turpentine. The sore got well as far as could be seen, and I was working him. One forenoon he did his work as usual, but on coming from the field at noon he refused to drink, and I noticed that he was not well. He began showing signs of lock jaw by the haw of the eye drawing over the eye-ball. There being no good veterinarian here I proceeded to do the best I knew. I first gave him salts, then an injection of tobacco tea, cleaned out the foot he had the sore in, and put on a flaxseed poultice. The next day I gave him a dose of aloes, gentian and croton oil, but it had no effect on him. He stood panting, and every muscle seemed to be drawing its utmost. I kept on giving him injections of tobacco tea and washed his mouth out with it, which seemed to relieve him somewhat and make him rest easier, but in a day or two he died.

The disease was due to infection of the wound in the sole of the foot by entrance of the tetanus bacillus which gives rise to toxins (poisons) which affect the nervous system and produce the symptoms characteristic of the disease. The disease might have been prevented by keeping the wound in the sole open and disinfected by frequent use of a 1-500 solution of corrosive sublimate. When attacked, unless severely affected, there is a chance of recovery if horse is kept



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perfectly quiet, supported in slings and fed on slops. Fussing and dosing with medicines only aggravate the spasms and induce death sooner than it would occur in fatal cases. We have had many cases recover without use of medicine; none where animal was frequently dosed and fussed with. Hypodermic injections of equal parts glycerine and pure carbolic acid give good results; better than from use of tetanus antitoxin used in similar way.

FISTULA.

I have a three-year-old mare that has a running sore at the base of her ear. I do not know of how long duration it is, as I just bought her, but it has been there for six months or more. She seems to have some pain in it and will not let one touch it. Will you kindly tell whether there is anything that can be done for it or not?

In some cases the discharge comes from a fistula connecting with a supernumerary molar tooth which can be located by probing and removed by a veterinary dentist. In other cases, there is a fistula connecting with the bursa mucosa and this is very difficult to cure even by crucial surgical operation. In either case a graduate veterinarian will have to be employed.

PARALYSIS.

I have a two-year-old heifer that calved about two weeks ago and now cannot raise herself on her hind legs. The calf was dead when born. In other ways the heifer seems to be all right; what shall I do for her?

The paralysis may be from absorption of decomposing matters in womb, and as she has been down two weeks, we would consider the case desperate. Womb should be cleansed with 2-per-cent solution of permanganate of potash and heifer be given hypodermic injections of strychnia by a qualified veterinarian or increasing doses of fluid extract of nuxvomica by owner, commencing with half a dram twice daily, increasing dose daily and when muscles twitch involuntarily, going back to first dose and repeating.

LAKE AND RAIL TRIPS.

During the summer months the Chicago Great Western Railway sells tickets via all steamship lines on Great Lakes in connection with their line to Chicago, or St. Paul and Duluth. From this time until September is the time to sail the lakes and see Duluth, Superior, Isle Royale, the Copper Range, Sault Ste Marie, Mackinac Island, Detroit, Toledo, Cleveland, Erie, Buffalo, Niagara Falls and other points of interest. Call or write for full information. E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast,



DIPPING TIME

Is happy because he is being FREED from LICE that torture and torment. August, September, October, are best months to dip hogs to kill lice. Dip-OLENE, the best Hog Dip, works quickly and thoroughly. It KILLS HOG LICE, destroys all disease germs, prevents Hog CHOLERA, saves loss, keeps your hogs healthy and growing. Every hog-raiser needs it. Dip-OLENE is easy to use; the cheapest hog insurance you can buy. Write for booklet and enough dip to make a gallon, FREE.

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that make a horse Wheeze, have Thick Wind, or Choke-down, can be removed with

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MADISON, WIS., Veterinary Editor The Homestead. CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.



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OUR DAIRY DEPARTMENT

All communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

DETECTION OF SKIMMED MILK.

In his recent work on milk testing Prof. L. L. Van Slyke, of the New York Experiment Station, devotes some space to the discussion of the above subject. Among other things he says:

The percentage of fat in milk in relation to the other milk solids is reduced either by direct removal of fat through some process of skimming or by the addition of separator skim milk to normal milk. Milk containing less than 3 per cent of fat is generally skimmed. Watering milk does not disturb the relations of the constituents of milk to one another, since it reduces the percentages of all uniformly, but the removal of fat does very seriously affect the amounts of the constituents in respect to their relative percentages. In skimming milk, the solid constituent most largely removed is fat, comparatively little casein, sugar, etc., being taken with the fat. The removal of fat therefore leaves the milk containing less fat, but with most of the casein, sugar, etc., still remaining. In normal herd milk, containing over 3 per cent of fat, the percentage of fat is rarely as low as the percentage of casein and albumin. In 5,500 analyses of samples of American milks, compiled by the author, with a fat content lying between 3 and 5 per cent, the fat averages 3.92 per cent, and the casein and albumin together, 3.20 per cent; that is, for one part of casein and albumin there is an average of 1.225 parts of fat. In skimming such milk, the fat may be decreased to 1 per cent or .1 per cent, but the remaining milk still contains about 3.20 per cent of casein and albumin. Milk is open to the suspicion of being skimmed when the percentage of fat falls below that of the casein and albumin.

The percentage of fat removed based on the legal standard may be calculated, according to Professor Van Slyke, by multiplying the per cent of fat in the milk by 100 and dividing the result of the legal standard for fat, subtracting this from 100. It is pointed out that where milk contains originally as much

as 5 per cent of fat and had been skimmed down to 2½ per cent, this formula would only indicate the removal of 16½ per cent. On ordinary milk the author says more accurate results will be obtained in detecting whether milk has been skimmed or not by multiplying the per cent of fat in the milk by 100 and dividing it by 3.75 instead of 3 and then subtracting the result from 100.

The Cost of Milk.

To the Editor of The Homestead:

In order to make dairying a success, you must first of all see to it that the raw material—the milk—is produced as cheaply as possible. I have read of tests being made in Denmark in which the cost of production from 200 cows varied from 15.1 cents to 78.5 cents per pound. These experiments show that the profitable dairy cow is found, not only by selecting a particular breed, but also by paying strict attention to each individual cow. The "average" cow is the curse of dairying.

It requires no great intelligence to see that it is better to milk six cows giving a good profit than to milk ten, four of which reduce, if they do not annihilate, the profit of the other six. But this is what is being done on a great many farms. It is well to remember, though, that it takes a dairyman to care for a dairy cow, and the best cow alive may be unprofitable in the hands of an unskilful, careless man.

All foods consist of various elements that are grouped mainly as proteids, muscle-producing elements and carbohydrates, fat and heat-producing elements. Various experiments have shown that the best result is obtained when these are present in the food in a certain proportion, and that it is largely waste when either is given in too great excess. What this proportion should be is a mooted question, and some have proposed to vary it according to the quantity of milk given, but it seems to me that the economical ratio will depend somewhat on circumstances; that is, on the local price of the various feeds. Judgment must be used to decide whether, for instance, to sell oats and corn and buy bran and oil meal or not, and cost of freight and hauling both ways must also be considered.

In our western states, the carbohydrates are produced in excess, and consequently the mistake of feeding too much of them is often made, as when corn is given in excess. The rations should be balanced up by adding bran, peas, linseed or cottonseed meal, the latter containing over three times as much protein as corn and only half the amount of carbohydrates. Every dairyman should inform himself as to the cost of various commercial feeds, and then calculate the most economical ration for his cows under his conditions. It is a simple matter to write to your experiment station and state what feedstuffs you have and their selling value, as well as local prices of bran, oil meal, etc., and ask for suggestions as to proper rations. But always bear in mind that chemical analyses of feeds are averages, and may not fit your case exactly.

One thing is certain—where corn will grow, no cheaper basis exists than a well preserved silage. In summer, the most common mistake which increases the cost of production is to allow the cows to shrink in yield when pastures are getting poor, instead of supplementing them at once with some sort of a soiling crop.

Most farmers, as well as scientists, labored for years under the delusion that an increase in the feed, and especially in that rich in fat, would increase the percentage of fat in the milk. Later experiments have proven that this is not true to any extent worth mentioning. Feeding to excess or feeding very rich food may for a short time increase the richness, but it soon drops into the percentage normal for each cow, and the ambitious breeder who tests his cows that way has a fair chance of ruining them for life. Increasing the feed of a cow not fed up to her full capacity will increase the milk yield—the total amount of butter fat produced, but not the percentage offat in the milk. If this old belief were correct we should be able to make Holsteins give Jersey milk.

A cow should be fed all she will pay for—no more, no less. The right cows being secured, and the right feed given at the regular hours, the advantages gained may yet be lost if the cows are kept shivering in the lee of a straw stack or suffocating in a dark, close stable. If she is left to shiver in the

MILK CANS ROB YOU

Look through a microscope at milk set to cream in pans or cans and you'll see how they rob you. You'll see the casein—the cheese part—forming a spider web all through the milk. You'll see this web growing thicker and thicker until it forms a solid curd. How can you expect all the cream to rise through that? It can't. This



casein web catches a third to half the cream. You stand that loss just as long as you use pans or cans for they haven't enough skimming force to take out all the cream. But, just the minute you commence using Sharples Dairy Tubular Cream Separator, you stop that loss.

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BUTTER-BRED Holstein bull calves, 6 to 8 months old, bred by Prince Inka, (18 A. H. O. daughters), and out of A. H. O. dams, \$50 each. No females now for sale. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

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ADDRESS ALL LETTERS TO BELLOWS FALLS, VT.

448

fall rains and snow, the cow will not only utilize a large amount of her feed as fuel to keep warm (an expensive fire-wood, indeed), but, as experiments in Denmark have shown, she will change the composition of the butter fat in her milk so much that the butter is liable to be mistaken for oleomargarine. There is no need of providing fancy stables. We may even make fairly good ones with a clay floor and the walls and roofs of straw, if we only provide ventilation and light. Com-

fort is an important element in cheap milk production, and while fixed stanchions may make it easier to keep the cows clean, we need only observe them when lying in the pasture to know how cruel and unnatural their position must be in those "animal stocks." The better system is to tie them, or, if it can be afforded, buy one of the modern stalls, and a liberal supply of bedding to keep them clean should never be forgotten. Wm. Sorensen.
Howard Co., Neb.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

AILMENT OF GOSLINGS.

"I have a number of goslings that are almost feathered out, they eat well and they have a large range, no creek to run to, have plenty of fresh drinking water, some grit and meal. Some are poor and others are in good condition. They have no lice on them. They fall down suddenly and do not appear to have any strength to get up again for some time. They flounder about, fall on their heads, sit up awhile, then flop their wings and go to eating. Some days they have several spells and then they will miss a day. What is the cause and the cure?" B. S.

Verailles, Illinois.

Geese are freer from disease than any of the domestic fowls. Were it not for the fact that these goslings have no lice we would at once believe they have large head lice on them. Two parasites of this character will cause goslings to act in the manner described by our inquirer. When highly fed goslings will sometimes give evidence of being somewhat affected with attacks of apoplexy or vertigo, but such cases are most rare. The only advice we can give in this case is to ascertain the cause of these attacks and remove it.

SELLING EGGS BY WEIGHT.

It will be remembered that a great deal was said in the papers last spring about selling eggs by weight, and that the Iowa legislature had arranged to have them sold that way, and that by this law each vender in eggs was required to sell his eggs so that one dozen would weigh at least one and one-half pounds. No such a law was passed by the Iowa legislature, but in a table of



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More than your money's worth in incubators during the summer. We have them all beat; 40, 60 or 90 days to prove it. 6 year guarantee.
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EGGS from pure bred, well marked, standard weight Light Brahmas at \$1 per sitting. 1 ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

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EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm. Lt. Brahma, S. L. Wyandotte and B. B. Leghorn eggs for sale, 20 for \$1, 50 for \$2, 100 for \$3.75. Albert Haus, Waucoma, Ia.

PEKIN ducks wanted. We send cash with free coops, del'd. Send stamp, give strain and number. Drakes, 1906 hatch only. Fairacres Farm, Joliet, Ill.

HENS scoring 94 to 96, yearlings, \$1.50, \$2 and \$3 each. 29 chicks from eggs from Fishel's pens. Mrs. L. M. Estes, Audubon, Iowa.

200 ROSE COMB BROWN LEGHORN PULLETS and Hens for sale cheap, Mrs. Laura Mather, Clarksville, Iowa.

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THOROUGH BRED Scotch Collies at half price to close out. Pups and brood bitches open and bred. Duroc and Chester pigs and bredsows. Fancy chickens. Write quick. Edgeton Kennels, Manson, Ia.

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Remember Rates twelve weeks, including furnished room and board, \$39.90. Music, \$3.00 higher. Railroad fare repaid as per schedule. Enter any day.

weights, the matter of eggs was appended, stating that a dozen of eggs should weigh one and one-half pounds.

In bulletin No. 122, issued by the department of agriculture, this matter has been shown by the North Carolina Experiment Station as follows: "Generally speaking, larger eggs were laid by hens than by pullets of the same breed. The eggs laid by the Pekin ducks (old and young) were heavier than those laid by any breed of hens, weighing 35.6 ounces per dozen. Of the different breeds of hens tested the largest eggs were laid by the Light Brahmas, weighing twenty-eight ounces per dozen. The Black Langshan and Barred Plymouth Rock hens' eggs weighed a little over twenty-six ounces per dozen, while those laid by Single Comb Brown Leghorn, late hatched Plymouth Rock, White Wyandotte, and Buff Cochins ranged from 21.7 ounces to 23.7 ounces per dozen.

Of the pullets, the heaviest eggs were laid by the Black Minorcas, weighing 26.5 ounces, the lightest by the Single Comb Brown Leghorn and Silver Laced Wyandotte, weighing 17.5 and 22.1 ounces per dozen respectively. The barred Plymouth Rock, White Plymouth Rock, White Wyandotte, Black Langshan, and Buff Cochins pullets' eggs all weighed not far from twenty-four ounces per dozen. As will be seen, the variation in the weight of the eggs was considerable. Rating the lightest eggs (those from Single Comb Brown Leghorn pullets) at thirteen and a half cents per dozen, the prevailing market price in North Carolina when these tests were made, the relative value of eggs from other breeds on the basis of their weight and their real value in proportion to the market price was calculated as follows:

Breed.	Relative val.		Val. above market pr.
	per doz.	Cts.	
S. C. Brown Leghorn p.....	13.5		
S. C. Brown Leghorn h.....	16.3		20.7



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and will as long as the price of material will allow me to do so. This price includes the right to make others for your own use. What better investment could you make? Don't delay, but buy a Feeder while you are attending the fair. Now's the time when you need the Feeder most. If you want to know more about it, first, my booklet will give the information. Be sure to call around and see my exhibit, and make my place your headquarters.



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Lt. Brahma p.....	17.54	30.0
Lat-h B. P. R. p.....	17.6	30.4
W. Wyandotte h.....	17.6	30.4
W. Wyandotte p.....	17.7	30.4
W. P. Rock p.....	17.7	31.1
Buff Cochins h.....	17.8	31.8
Bl. Langshan p.....	17.8	31.8
B. P. Rock h.....	18.2	34.8
Bu. Chn & Bl. Lan p.....	19.7	46.
Bl. Minorca p.....	19.9	47.2
Bl. Langshan.....	20.44	61.4
Lt. Brahma h.....	21.6	60.
Pekin D (old and y).....	26.7	97.8

On the basis of the results obtained the station believes that selling eggs by the pound would be more rational than by the dozen. "On what other article of food will people be content to pay the same price for what may vary over 50 per cent in value? Or what producer of merchantable produce of any other kind will consent to supply all the way up to 55 per cent more than market value and not think to add to the standard price for additional value? An apparent objection to selling eggs by weight is that they are not generally used in the household in this way. Most recipes call for eggs by number and not by weight. There is no question that weighing the eggs would be more accurate, and recipes are occasionally met with in which this method is followed.

SUMMER VACATION IN COLORADO. LOW RATES VIA ROCK ISLAND LINES.

Colorado, as a place for recreation, is the choice of many thousands of summer tourists.

Colorado is a land of clear, pure air and golden sunshine. It is a land of sparkling

mountain streams and glassy-surfaced lakes. There are more enjoyable things to do, more grand sights to see in Colorado than any other place under the sun.

From June 1 to September 30 Rock Island Lines will sell summer tourist tickets at rate of \$21.75 from Des Moines, Iowa, to Denver, Colorado Springs or Pueblo and return. Return limit October 31. July 10 to 15, inclusive, the special round-trip rate of \$19.25 from Des Moines, Iowa, is effective.

This latter rate is authorized on account of the Elks' Annual Meeting at Denver July 16 to 21. Tickets limited to return to August 20.

Very low rates will also be in effect to Glenwood Springs, Colo., Salt Lake City and Ogden, Utah, Yellowstone National Park and to the Pacific Coast, with cheap rates for side trips to nearby points of interest en route.

New and improved train service via the Rock Island is an important feature for the Colorado traveler to consider.

Full details of rates, routes, service and any information desired will be gladly furnished by the Rock Island Ticket Agent at 423 Walnut St., Des Moines, Iowa. Geo. R. Kline, C. P. A.

SUMMER TOURIST EXCURSIONS

Via Chicago Great Western Railway to points in Alberta, Arizona, British Columbia, California, Idaho, Montana, Oregon, Washington, and Mexico City. Stopovers and side trips allowed. Tickets on sale daily to September 15th. Final return limit October 31st. For full information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

NEW YORK AND RETURN \$13.00

Plus \$2.00 via Erie R. R. from Chicago, August 28th and 29th, good to return until September 4th, inclusive, good to stop over at Saegertown, Cambridge Springs, Pa., Chautauqua Lake, N. Y., and Niagara Falls. Apply to your local ticket agent or write J. A. Dolan, T. F. A., Erie R. R., Chicago, Ill.

THE FARM ORCHARD.

BY L. R. JOHNSON, CAPE GIRARDEAU, MO.

The condition of the ordinary farm orchard is generally such as to make the experienced horticulturist feel sad. To begin with, the soil is often the poorest on the farm, because it has been regularly called upon to yield a crop of grain in addition to a crop of fruit. That this double burden is an unfair and impossible one does not seem to have attracted the attention of the farmer. He has never thought of fruit as a crop at all. He very well understands that a crop of corn or wheat takes away a certain amount of fertility and leaves the soil poorer, but he has always regarded a crop of apples or peaches as somehow the product of the tree, without direct relation to the soil. Once planted, he considers it the duty of the tree to bear year after year and furnish an abundance of fruit without any of the attention that he would consider indispensable in the case of a grain crop. And if it does not, if the tree sets little fruit, or if what it sets drops off, or if it be small and knotty and wormy, or if it be destroyed by the rot, he talks of the good old days when the trees were always laden with fine fruit and the cellar was stored with bushels of rosy-hued beauties that were passed around the circle before the big fireplace on winter evenings and enjoyed with the keen relish of healthy appetites. He laments the degeneracy that has come upon the trees of modern days and declares his inability to understand why the orchard of today falls so far short of the achievements of its ancestors forty or fifty years ago.

The first step toward permanent reform in the care of the orchard must be a thorough understanding that fruit is a crop in exactly the same sense as corn or wheat; that is, it requires a certain amount of fertility in order to return good crops; that every crop consumes a certain quantity of soil fertility and that that fertility must be maintained by the same means employed in the case of other crops. Secondly, that a certain amount of work must be given toward the production of a fruit crop just as in the case of other crops. These propositions once comprehended, there should be no complaint if the orchard yields only in proportion to the care bestowed upon it.

The truth is, there is no good reason why the farm orchard should not be as profitable as any field, at least of the

same number of acres, on the farm. If the farmer, convinced of this, stands ready to reform his methods, the first process will be to restore the fertility of the soil to the degree required for a good crop of corn. To do this he can employ the legumes, such as clover and peas, as well as stable manure and commercial fertilizers. If the trees are large, at least a quarter load of manure should be given each one, scattered as far out as its limbs extend; or a top-dressing of the whole orchard would be preferable if the supply of manure will admit of it. If commercial fertilizers are more available, an application of ground bone and muriate of potash, 200 pounds of each to the acre, would be highly beneficial. The trees should be carefully inspected, one by one, and lightly pruned if necessary, but the cutting off of large limbs should be avoided. A spraying outfit which is now an absolute essential for fine fruit, can be obtained at a moderate expense; and the approximate dates and times of applying the mixtures, together with the necessary formulas, can be learned from the numerous publications on those subjects.

A great aid to spraying, and one that will at the same time be remunerative, is the use of certain kinds of stock in the orchard, such as hogs, sheep and poultry. The number of injurious insects can be greatly reduced by the eating up of all fallen fruit, for the infected fruit drops first and if eaten by stock, the larvae is of course destroyed. The ravages of the brown rot are also greatly diminished by this means, for the spores survive from year to year in the rotten fruit that dries up and remains under or on the tree till the next year. So efficacious is the presence of stock that it is often found nearly equal to spraying in subjugating insects and rot.

Hogs can be turned in to eat not only the fallen fruit, but clover, rape and cow peas. These crops will fatten the hogs and together with the fruit put them in fine condition for the fattening process. Sheep are much like hogs in making away with the fallen fruit. Poultry are also very useful, and the orchard makes a splendid place for the coops and the young chicks. While they cannot devour the whole fruit, they will eat some, and also very many insects that would escape the hogs and sheep. A good annual rotation to improve the orchard is cow peas sown in May, to be "hogged down" when ripe, followed by rye disked in in the fall. Poultry are also very fond of ripe peas and when given the run of a patch invariably give liberal returns in eggs. The rye will afford a good green winter pasture for both the poultry and the calves. Under such treatment the orchard will soon be as fertile as any land on the farm, and the increase in its returns will convince the farmer of the wisdom of this new policy.

A Fight With Gophers.

To the Editor of The Homestead:

Several years ago in my California garden I had a plague of gophers. They undermined the whole of it, so that wherever anyone stepped, the ground sank a few inches. The destruction they worked was frightful, eating plants above and below the surface of the ground. They managed to keep entirely out of sight.

On one occasion I saw the sand with which, in their usual way, they had stopped the mouth of one of their holes, moving. I gave it a blow with a heavy stick and killed a gopher. From that time they disappeared, and it was years after before there was another invasion of the pests. This time their greed and activity were surpassing, and it seemed as though nothing would be left in the garden. Carnations and lobelia were their special favorites.

A gopher trap was set again, but they only seemed to laugh at it, covering it with dirt and running over it. Pieces of carrot and other vegetables and also raisins were hollowed out, filled with rat poison and put down in the holes without effect. They seemed to have taken possession, and it seemed as though nothing would rout or disturb them.

Seeing their partiality for lobelia, it



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Thousands of first-class dealers sell them.

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The Corn Grower's Friend. Saves its cost ten times in one corn crop. Every farmer should have one. One man can bind the shocks as fast as 15 men can cut and shock the corn. Approved by every experimental farm and agricultural college where tried. Price, express prepaid, \$2.

\$50 Per Week. You Can Make It. Active agents wanted wherever corn is grown. Salesmen average ten to fifteen sales daily. Remit \$2 for a binder and secure agency at once.

J. P. LAWRENCE,

General Sales Agent,
1100 North Levee, St. Louis, Mo.

occurred to me that it might be made a vehicle for poison. But the question was how to make poison adhere to the plant. I had heard that gophers were fond of sweets, so I procured one of the strongest poisons—cyanide of potassium—and mixed it up with honey. Then taking sprays of lobelia, I smeared them in the poisoned honey and placed them in the gopher holes. That settled them—there were no more signs of gophers. San Francisco Co., Cal. E. S. Ryder.

THE HOME TOOL KIT.

There is many a nick in many a good tool because it was not properly cared for. If tools are thrown together in a box or drawer, they are soon ruined.

To provide a set of good tools for the home and the proper place to keep them the Keen Kutter Tool Cabinets have been built, containing every tool that is necessary or useful, and each tool belongs to the famous Keen Kutter brand, which is the only complete line of guaranteed tools made.

Keen Kutter Tool Cabinets are the only ones made containing a set of tools under one name and trade mark, and guaranteed to be perfect in every respect.

Keen Kutter Tool Cabinets give the home man an opportunity to possess as good a set of tools, kept in as good condition, as the most experienced carpenter or cabinet-maker.

It is more necessary to have the best tools for the home than for the shop, because few men have the facilities for grinding, sharpening, resetting and restoring dulled or damaged tools at home.

The tools in Keen Kutter Cabinets are sharpened and tested at the factory, and must be perfect before they leave on their errand of service. They will hold their edges, temper, balance and adjustment indefinitely with proper care and ordinary use.

Keen Kutter Tool Cabinets and Tool Boxes are made in all sizes, containing various assortments of tools, and ranging in price from \$7.50 to \$100. All of them contain, in different varieties and numbers, saws, braces, bits, chisels, gimlets, awls, planes, hammers, hatchets, files, pliers, screw-drivers, wrenches, nail-sets, reamers, rules, squares and all the necessary accessories that you would possibly need.

The Keen Kutter Tool Cabinet Booklet will be sent free to anyone on request by Simmons Hardware Company, St. Louis and New York, U. S. A.

STRAIGHTFORWARDNESS DID IT.

It is a time of prevailing humbug, no doubt about it; and men are wondering whether it is impossible to do a successful business without any humbug. Here is a first-rate answer. Macbeth, the lamp-chimney maker of Pittsburgh, beginning small about twenty-five years ago, has been the best in his line in the whole world for many years, and is now extending his trade abroad. His ways are marked by perfect straightforwardness in advertising and dealing.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron Mountain Route will sell round-trip tickets to points in Texas and Louisiana for \$20

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National Manure Spreader

The lightest running of all. Holds 65 bushels. One boy and two horses will do more with the National than a man and three horses with others. Simple, strong, durable; the machine you have been looking for. Write us today.

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from St. Louis and \$25 from Chicago on the first and third Tuesdays of each month. Proportional low rates will apply from other points; also one fare plus \$2 to points in Indian Territory, Arkansas and Missouri, and \$25 from Chicago to Pueblo, Colorado Springs and Denver, with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory, which are limited to thirty days, stopovers going and returning.

Mexico: Less than one fare on the first and third Tuesdays, with stopovers.

California: Low round-trip rates on sale daily to September 1st.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2, good thirty days, on sale daily.

Remember the Missouri Pacific Railway and Iron Mountain Route reach the principal points in the above-named states without change of cars.

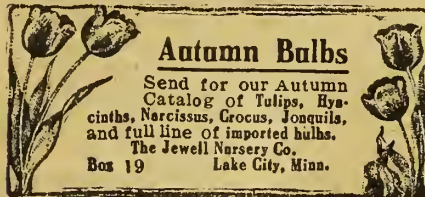
For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

HARVEST RATES.

The Minneapolis & St. Louis Railway will sell daily, during August, harvest tickets at special rate of \$14.50 from Des Moines to principal Minnesota and Dakota points, such as Fargo, Grand Forks, Minot, Devil's Lake, etc., with special certificate returning. We will also sell round-trip rates daily, until September 30th, good to return until October 31st, to Fergus Falls and return, \$15; Detroit, Minn., and return, \$16.30; Minnaukan, N. D., and return, \$19.20; Devil's Lake, N. D., and return, \$19.75. Two solid through trains leave Des Moines 8:15 a. m. and 9:05 p. m., making the through connection with all northern lines. Call at city ticket office, 512 Walnut St., or address D. B. Ransburg, C. P. A., or W. K. Adams, D. P. A.

HARVEST HANDS—NORTHWEST.

For parties of five traveling together on one ticket, The Chicago Great Western Railway will have on sale the entire month of August tickets at rate of \$14.50 per capita to nearly all points on the Great Northern, North Pacific and Soo Lines in Minnesota, North and South Dakota. On the return trip, rate will be \$1.50 higher. For full particulars address E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.



Autumn Bulbs

Send for our Autumn Catalog of Tulips, Hyacinths, Narcissus, Crocus, Jonquils, and full line of imported bulbs. The Jewell Nursery Co. Box 19 Lake City, Minn.

FALL WHEAT

THAT DON'T WINTER KILL.
35 BUSHELS PER ACRE.
KHARKOV.

DIRECT from Russia last year. Turkey Red and Bulgarian \$1 per bushel and upwards. Rye, timothy, alfalfa, English bluegrass. Ask for special price list. A. A. Berry Seed Co., Box 17, Clarinda, Ia.

Seed Winter Wheat and Rye

SEND for our descriptive list of the best that grows. You will get what you order, and an honest deal. We tell you why and how. Address, J. B. Armstrong & Son, Shenandoah, Ia.

POPCORN.

Send us sample and price of good Rice Popcorn, shelled. Shotwell Mfg. Co., 119 N. Peoria St., Chicago (Largest manufacturers of Popcorn specialties in America.) Keep this advertisement for future reference.

STARK TREES ARE FAMOUS

wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bro's, Louisiana, Mo.

GINSENG is a money making crop. Why not grow it in your garden? Our stock is northern grown. We can start you. Roots and seed for sale. Write us today; literature free. Gilhertson Nursery Co. Address, Dept. O., St. Ansgar, Iowa. (Estb. 1878).

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless lemon (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

WINTER Wheat, 60 bushels per acre. Catalog and samples free. John A. Sulzer Seed Co., La Crosse, Wis.

HOW to Make \$5,000 yearly, on town lot, growing bunch onions; new method; one to every inch. 25c. Marion Powers, Dehesa, Calif.

OUR HOME DEPARTMENT

All communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

WITH THE EDITOR.

Sometimes this department seems like the home of a widow who has a young family and small means, the housemother has to provide much of the food as well as serve it. At others it is like a family where father and grown-up children bring in abundant supplies and all the housemother has to do is to see that the things they supply are nicely served.

Notwithstanding the heat and busy season, the home cupboard is unusually well-stocked, some of the supplies will keep and lose nothing by the process; others, like certain delicious harvest apples in our old garden, must be used at once or lost. The housemother is delighted with the unusual abundance—who, since the family is doing its part so nobly, will lessen her own labors for a few weeks and simply preside at the family table.

An editorial was prepared for this week—it will keep. A children's day program to follow it is all but completed—it also, can wait. For a few weeks we shall close the editorial sanctum and meet in the big living room of the home where, Among Ourselves, we shall entertain each other and gather inspiration and strength from winsome living.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Dear will of God, since thou hast blown my soul

Once through and through with Thy great breath, I pray

This prayer alone, that I may Thee obey In everything, nor shrink from Thy control.

So shall my life take up the planets' pace And move with winds and storms; one work, one end;

And God shall rule His universe and send What messengers He will before His face.

—Zephine Humphrey.

What do we ask of life here or, indeed, hereafter, but leave to serve, to commune with ourselves and our fellow men, and from the lap of the earth to look up into the face of God.

ROOTING SLIPS.

In describing her method of rooting slips in soil a Kentucky woman florist says: "I break off slips of roses with a beel of half-ripened wood, place in a rich soil, turn a glass tumbler or jar lightly over them and leave them this way for three weeks, keeping them well watered. They are usually well rooted at the end of three weeks, after which I put a prop under one side of the tumbler or jar and in this way allow them to have air for one week. I then remove the glass and allow them to grow undisturbed the rest of the summer. I root the Hihiscus and other hard-wooded plants in this way also. I prefer rich soil to sand, as the sand dries out so quickly and the young roots are injured."

JUST A SMILE.

They were out on a bicycle tour and became very hungry, as bicycle riders often do. As there was no inn anywhere within easy reach they applied at a farm house for food. An old man was working in the potato patch, and they attempted to negotiate with him for a luncheon.

He was very willing to do what he could and reassured them by declaring that although he was afraid there was not much else to eat in the house he had plenty of potatoes and he could recommend them as the finest in the country.

The luncheon was entirely satisfactory and after the guests had finished it they spoke enthusiastically of their repast and praised the potatoes in particular.

"Yes-s," said the old farmer, slowly, "you might ha' done wuss. You have eaten two Schoolmasters, two Blacksmiths, four Kidneys and a couple o' White Elephants."

FOR THE COOK.

A New Egg Recipe—Cut an onion into fine dice; fry it in a tablespoonful of butter; then dash in a teaspoonful of vinegar. Butter a shallow dish; sprinkle the fried onion over it and break in five eggs, being very careful that the yolks remain whole. Bake in a hot oven until the whites become a delicate film. Dust with salt and white pepper. Just before sending to the table sprinkle all over the dish coarse bread crumbs

Your roof—give it the permanent water-proofing power found only in Genasco Ready Roofing.

Ask your dealer. Write, anyway, for Book N and samples.

THE BARBER ASPHALT PAVING COMPANY

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New York PHILADELPHIA Chicago

fried delicately brown in butter, and garnish with watercress or parsley.

Ordinary Potato Patties—Cook eight potatoes, mash and season to taste; cream an ounce or two of butter in a suitable dish, add the yolk of an egg, then put in the potatoes with two tablespoonfuls of cream (or thin, sour milk). When this is thoroughly well mixed, beat up the white of the egg to a thick froth and stir it into the mixture. Divide into the required number of tins, filling them cool, then bake in the oven until a golden brown.

Broiled Chicken—Singe, split down the back, clean and wipe with a damp cloth. Rub inside and out with a little butter, then sprinkle with salt and pepper. Arrange on a greased wire broiler. Cook with flesh side toward the fire at first. When seared hold a little farther away from the fire. Turn occasionally on the skin side, but be careful, as it readily scorches. A chicken weighing two pounds and a half will take from fifteen to twenty minutes. If not well done it will be tough. Transfer to a hot platter and rub again with butter.

Brown Gravy—This is a useful mode of making a little gravy when no stock is at hand. Fry chopped onion (allowing some of the skin to remain upon it), carrot and turnip in a little butter till dark brown. Rub up an ounce of flour with half a pint of water, and add it to the vegetables. When boiling add a teaspoonful of chopped parsley and the same quantity of mixed herbs, a cupful of sugar and a dessertspoonful of vinegar. Let it simmer for half an hour by the side of the fire, and then strain and serve.

Apple Custard—Take tart apples, stew till soft, rub through a colander, and to one pint of the apple add four eggs well beaten, one teaspoonful of sugar, one of butter and one-half of grated nutmeg. Bake as other custards. It is excellent.

Sweet Pickles.—To pickle or spice any delicate fruit of fine flavor is a mistake. It should be put up only in sugar, which preserves the flavor intact. Green tomatoes, watermelon rinds, yellow tomatoes, onions and artichokes that have either an acid or a flat flavor are the most suitable things to pickle.

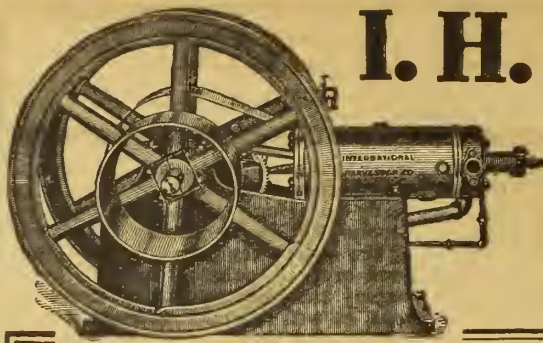
Sweet Peach Pickles.—Something new in making sweet peach pickles is thus prepared: Cut the peaches in two; remove the stones and fill the opening with horse radish mixed with vinegar; tie the two halves together; pack in jars and cover with the following liquid: To two pounds of sugar add one pint of vinegar (best cider vinegar alone should be used for all pickles); tie in a bag some whole cloves, cassia buds, stick cinnamon (broken) and some tiny bits of ginger, allspice and nutmeg; reheat three times and seal the jars. Keep in a dark, dry place. When ready to use remove the string and serve with meat.

Watermelon Pickle—Take the white out of the rind; cut into forms or pieces; dissolve one ounce of alum in one-half gallon of water; scald rind in this until it becomes yellow; take one cupful vinegar to one-half gallon of water and scald in this until it becomes green; take out and drain and put into ice water; let stand one hour, changing water once. This makes it brittle. Make a sirup of one pint of vinegar, one quart of sugar, with cinnamon, nutmeg and mace as for other sweet pickles; cook the rind in this very slowly until transparent. It takes three gallons of water, six ounces of alum, five quarts of sugar and five pints of vinegar for three melons.

AMONG OURSELVES.

Initials are so impersonal, so lacking in individuality, I wonder the friends ever choose to be known, or rather to be forgotten by them. Why not take some pen name if you do not wish to use your own. For instance, would it not be better if "B. S.," being a married woman, allowed us to think of her, not as two letters, but as a wife whose husband sometimes called her Mrs. Bess? I think so. I propose we call her so. I am the bolder in taking this liberty that what she brings us is so good, she has no need to fear identification:

I have just been reading M. L. N.'s letter and, as I have had a little experience along that line myself, I will try and give my view. I was married at seventeen, have been married seven years, and have four small children. Now, I say a girl at seventeen, or even eighteen, has no business to marry, and I believe the man who loves her, if he realized what it would mean to her as well as to himself, would not urge her to marry at that age. There may be, and are, exceptions, but the average girl at seventeen or eighteen is not fitted to fill the position of wife and mother, and in most cases of early marriages one follows the other. She has so many things to learn. Things she did not think of until she was in her own house, without mother at hand to confer with. She doesn't know how to manage to make her work easy. She finds as motherhood comes that she is not always well and strong as she used to be, and perhaps she doesn't get things done just as they ought to be or as she would like to have them. Now, I believe the average man does not realize what his young wife is passing through; therefore, he does not overlook her shortcomings. When he comes in to find the mother half sick and baby cross, the house not in order, and perhaps his meal not just ready, he is apt to be irritated and scold, which does not help the tired, worried girl. And after a few such years she is ready to become discouraged and quit trying to have things as they should be, as the real effort she made on the start was not recognized. Now, this is not just my experience, nor are they all the same, but the other trials have come to me and I feel sure they would have overpowered me only that through it all I have had the kind, loving sympathy of the best, or at least one of the best, men in the world. He has borne patiently with me all my failures and shortcomings with only love and sympathy, and help when I was overpowered by the demands of work and motherhood. I sympathize from the depths of my heart with the girl who gives her youth and freedom



I. H. C. Farm Powers

That a Boy Can Run

That means something. A man's power in the biggest and widest sense of the word but so simple that his boy can run it.

Don't get a complicated engine even if you are a thorough mechanic.

I. H. C. engines are farm engines, intended to be run by farmers, doing farmers' work. They are made as simple as it is possible to make them and have the proper efficiency.

They are not only simple—they are scientifically and conscientiously built. Designed by men who know what a gasoline engine should be. Built so they can stand the most rigid test that can be put upon them.

An imperative factory requirement is that every engine must develop 20% to 40% more than its rating of power. If it fails in this test it is sent back to the factory as a deficient engine.

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**GAS, GASOLINE
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Designed and built and tested so that no man can possibly make a mistake when he buys one.

We cannot afford to sell any other kind. Vertical, Horizontal, Portable, Stationary—many convenient sizes. Can be used for any work about the farm, from turning the grindstone to operating a threshing machine.

Call on the International Agent or write for catalogue.



WE GUARANTEE that under the same conditions as to power and speed applied, conditions of corn, etc.,

THE APPLETON CORN HUSKER

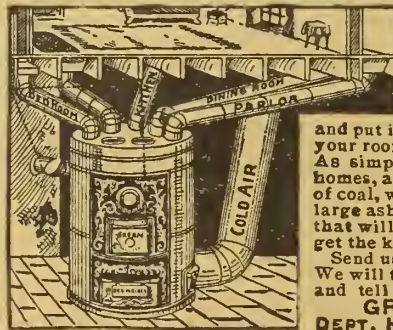
will do more and better work with less power than any other machine of like character and corresponding size; that it is simpler in construction, easier in every way to operate and easier and safer to feed. Let us tell you more about it, and about the

APPLETON MANURE SPREADER

which is guaranteed to do all that any spreader can do and to do it better and more easily, to last longer and to be so easily handled that any boy who can drive can run it as well as any man. We also make Shellers, Feed Grinders, Wood Saws, Powers, Windmills, etc., all Appleton Quality, the standard of excellence.

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GREEN FURNACE

and put it in your cellar out of the way. You save the dirt in your rooms, and get the space which your stoves now occupy. As simple to operate as a stove. Used in 2300 Des Moines homes, and more going in every day. Economical in the use of coal, will last almost a life time if properly cared for, have large ash pits and long smoke travel. Don't buy something that will make you want to swear every day for ten years, get the kind that satisfies.

Send us your name to-day, also the name of your dealer. We will tell you how and where to get a GREEN FURNACE and tell you all about it. Address

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to a man who does not recognize the sacrifice she has made for him or the struggle she must pass through. While I am happy in my home and would not wish myself different I realize that I have missed much of girlhood, but most of all I regret that I was not prepared to be a better wife and also a better mother. Yes, by all means, let us teach our girls that married life is not all play, or even half of it, and that love and forbearance on both sides are required to make it a success.

We all love the author who expresses our views, who crystallizes into beautiful speech our unexpressed ideals, our

unuttered hopes and fears and beliefs. I feel sure thousands of young wives are drawn to Mrs. Bess. I only hope it will be arranged that their husbands shall read Mrs. Bess' letter.

Sometimes initialed letters come in bunches. Here is a man who wishes to be known as M. B. Let us call him Martin Barrow. Until now we have not had a man express himself upon the question of large families, and as Mar-

tin Barrow evidently does his own thinking, what he has to say is doubly worth while:

As I am interested in the raising of a family I was very much interested in the sisters' writing of being opposed to large families. I am the third of eight sons of one father and one mother, and I have four children of my own. I was born here in Kansas almost fifty years ago and I know something of the hard times of large families, being raised out here. I don't believe that a father and mother should attempt to raise more children than they can properly care and provide for. I don't think that children should be raised up and turned out on the world to root hog or die. It is a very easy thing for the president to cry out for large families to be raised by others. That does not burden the president in the least. He has not got a large family for a man of his wealth and standing. I have a neighbor no older than the president who has eleven children. In my father's last years his most pleasant thought was of his eight stalwart sons (and they were not angels either), so I say, let all parents be fully persuaded in their own minds as to the size of their families.

Suppose a reckless, selfish man has a dozen children, which, to quote Mr. Martin Barrow, he turns out on the world to "root, hog, or die." When he grows old, this man may take pleasure in his children, but there is another side to the matter. Will his children take pleasure in him? Is it not the right of children to be given such training and equipment that they shall go through life proud of and grateful to those who gave them birth? But this question is for circle discussion, and I notice that Olive Green, our friend who precipitated such warm discussion upon evening amusements a while back, has been thinking on this line as well as on the merits of borrowing:

So many subjects of interest are being discussed Among Ourselves that I eagerly read all. The subject of borrowing is one that is timely, as it is at all times a habit. To borrow and not return is one form of burglary. In our ideal neighborhood it is not troublesome, as we all live close to town and doubtless wouldn't borrow if we didn't, so clearly do we follow the golden rule. Our neighbors' children do not torment us either, so we can't appreciate the hearty discussions we have had on that line of thought. As to children on the farm, as one sister says, it is so purely a personal subject that it usually adjusts itself. I have known unhappy parents with and without children, and happy ones likewise. Have you ever thought how nice it would be if we could have our children grow up to help us in early married life when we are getting a start, and a little one to cuddle and hold to our hearts when we are older and can have more leisure to enjoy them? I cannot say I am an advocate of large families for farm people who are in debt and not able to have help. It is nice for the German empress to have lots of stalwart sons, but there is a difference in her situation and that of the average farmer's wife.

Woman-like, Olive Green thinks of the woman—of the wife and mother. This is as it should be—the woman bears the heavy end of parenthood.

The Kaiser's wife and the wife of our president may agree with the views of their husbands. Possibly they do. Nurses and governesses relieve them of many of the burdens of motherhood, and comfortable incomes permit them to do everything for their children which the most ambitious mother could desire. A theory which may work admirably as applied to them has, as Olive Green suggests, a very different complexion when applied to the farmer's wife.

Still another initialed letter! What can we make out of E. W.? It would make "Excellent Woman" but I know the writer is too modest to make that name agreeable. There are other combinations—suppose we call her Ellen West. Ellen West comes grumbling, but not without justification. Listen to her and see if you can suggest a remedy for the ills she complains of:

This has been a good year for blackberries and, as usual, we have not been able to gather one-half the berries in our timber because of the queer ideas some of our neighbors seem to have as to their rights to everything that grows in the woods. Picking berries on another man's land without permission is to my thinking one form of stealing and nothing less. If anyone has any arguments to the contrary I should like to hear them. I have always noticed it is a common remark for those who live on the prairie to poke fun at the people who live in the timber as being in "hackwoods," or some similar slighting remark, but those same prairie dwellers are only too glad to strip our woods of all the wild fruit

that grows, and gather our nuts, and even fell a tree to get some honey they have located. And it never seems to occur to them to say "Please" or "Thank you" to the farmer who pays taxes on that same timber. Since this condition of affairs exists and I cannot go to the timber for my fruit I have wondered why I could not transplant some of the nicest blackberry bushes to my own yard. I have a piece of ground in a side hill facing the south that is partly shaded by trees and at present is grown up to grass and weeds to use for my berry patch. Can anyone tell me which plants to transplant—the ones that bore berries this year, or the young shoots that just started this year? Should the ground be well manured, and what is the best time to transplant them, now or later in the fall? Any information on this subject will be appreciated.

Ellen West makes me feel like hiding my head. When I was a girl, I more than once did the very thing she makes look so shameful. In extenuation I plead that the owner of the berry patch never seemed to object to our presence, which is probably the reason we failed to realize that in picking berries as we did we were really stealing.

A question asked by Mrs. Larsen regarding the advisability of mothers allowing their daughters to assist in work in the field brings Mrs. Mark to her feet:

In reading so many good letters it seems as though I were really visiting and that I must speak out. It seems to me that when a farmer is in a tight pinch, hay lying out and liable to spoil, that it would be no more than right that a daughter should help get the hay in, or even the wife might help in such cases. I don't think either this work or to milk a cow or two at night when the tired farmer could finish a piece of work, will make a sensible daughter thought any less of. They can be just as lady-like at doing such work as at playing basket ball and a great deal more useful for the present and future lifetime, I think. Now, as to having a man to be sure and bring in all the water and when he comes from the field tired and thirsty to meet him at the door with an empty water pail would mean lots of "cheek," I think. Suppose, now, we get a good, cool drink for them on their return from the field and in return they get us a few extra pails of water on wash day, it wouldn't then look quite so one-sided. I don't believe in making a slave of either the man or woman, but to help each other, was not this our pledge in the beginning? Well, I will not take more space this time, for I want to read long letters from other readers.

I rather suspected that Mrs. Larsen's question would have results. I was quite sure of it after Aunt Ruth expressed herself: "Already the surface of the stream is rippling and a stream is rising—it looks as if we might have white caps after a little." The breezes are refreshing in sultry weather—let us enjoy them. Mrs. Martin Jones has the floor:

I do not agree with Aunt Ruth in her letter to this circle of August 2d, telling the girls not to learn to do certain outdoor work. That not knowing how to do them, the fathers and brothers would respect and love them better. Let me cite an instance. During this hay season, and the last day of haying, it being Saturday, the father was taken ill early in the morning. There being but one other man on the place, and being unable to procure an extra man at such short notice, the young daughter went out and did the load, her father helping what he could while unloading at the barn and lying on the couch between loads, where he should have been all day. Her willingness to help this way enabled them to get the last load in the barn. By Monday morning it had rained. Do you think, Aunt Ruth, that her father respected and loved her less for it? I am sorry to know that there is one woman who deliberately makes it a point to have her water pail always empty for her men to fill. They certainly cannot have as high an opinion of her as they might. I am inclined to think Aunt Ruth has had the wrong kind of bringing up, and perhaps she is to be pitied more than censured. I am glad to see that more women sign names instead of initials to their letters. How much easier it is to remember a name than it is an initial.

It has never happened before in the history of this circle that mother and daughter have arisen to speak at the same time upon the same topic. That Mrs. Beryl Jones will have an attentive hearing goes without saying:

After reading over Aunt Ruth's article in the August 2d paper, I thought that as Mrs. Walker asked someone to talk about her questions I would give some of my views on the subject. I, for one, disagree with Aunt Ruth. There is nothing that I enjoy more than getting out in the hay field, or any other part of the farm, and driving a team on the hay rake, wagon or harrow. This last spring I disked and harrowed a small field and did it as well as any boy could. And in haying time I raked almost all of our hay, besides loading several loads, and put up over eighteen tons, too. Our farm is not a large one, but there is a great deal of work to be done on it. And as we are a small family there is not as much indoor work to be done as there is in some families, so I am more easily spared from the house than some girls are. Aunt Ruth said that girls and women should spend their time playing basket ball and the piano. For my part I do not know how to play basket ball, and I would much rather read than play the piano or organ. And, too, I think that boys enjoy basket ball and other games as well as girls do and that they shouldn't be kept from enjoying themselves in that way occasionally. Another thing that

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I do is to milk two cows every night and morning, and sometimes I go about a quarter of a mile after the cows. I enjoy reading very much and I have quite a collection of good books. I received fifteen books last Christmas, but I have not read all of them yet, as I don't have enough time. Perhaps I am an unwelcome visitor and if I am I'll not write again.

Those who do not approve of girls working in the fields will not be the last in saying that Mrs. Beryl is a welcome visitor. It is good for us to hear what the young folks think about things. Personally, I wish that every meeting might be brightened by the fresh faces and the fresh voices of the young men and young women who are such an important part of the family.

A number of other things along this line must not be held over until our next meeting, which promises to be unusually interesting. Mrs. Mollie Buckman will close the program this week by giving us a few words on the timely subject of canning tomatoes. By the way, can anyone give us the recipe for rummage pickles? Mrs. Gowcock asks for it:

Wash tin cans and have lids well fitted. Scald good, sound, fresh tomatoes, and as you skin them press them with the palm of the hand into the cans, without cutting the tomatoes. When enough cans are full, lay the lids on the cans and set them in a dripping pan and set in the oven. When they have cooked until juice fills can they are ready to seal. These are fine.

Dressmaking and Millinery—No. 530.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Some hints as to the general outlines of the coats and jackets to be worn during the approaching seasons were given in a recent paper, and now that the garments themselves are on display the materials may be mentioned with some certainty. We have been assured that plaids are to be shown exceeding favor in all fabrics, and in all manner of types from the tiny check in two tones to the broader plaids in a combination of tones or even of colors, and yet with it all we were scarcely prepared for the great predominance of these in the wraps of the various kinds, from the short, jaunty

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jacket to the coat of three-quarter or full length. The idea is not at all new, as we had these some years ago and came to think them just the thing, but just now we are hesitating a little about adopting anything so striking in a coat that must serve at least two seasons. Some of us will perhaps decide upon something that may be worn even longer without attracting unfavorable notice. I noticed a costume consisting of medium length coat and pleated skirt that combined blue and green in the plaid, varying shades of the two colors being seen. It was very pretty and stylish looking. Different shades of brown, some of these shading almost to black are combined in the same way. I noticed a three-quarter length coat in empire style, in plain, dark red, proving that the red coat will be with us again.

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As we usually purchase our heavy winter wraps ready-made it is scarcely worth while to enter into details as to trimming, etc., but it is well to get a general idea beforehand of what we may "look for" when we are ready to purchase.

No. 5411 pictures one of the favorites of the moment in the way of a blouse or shirt waist for general wear, such designs be-



[5411—Shirt Waist or Blouse, 32 to 42 bust.]

ing especially adapted to heavy cotton fabrics that are worn so much in the fall, and also to the flannels that are being made up now to wear when the cool days come, or even for the cool evenings that are with us from time to time even early in the season. The short sleeves are still the favorites even for the purposes mentioned, but there will usually be some provision



[5421—Girl's Dress, 6 to 12 years.]

made for the added length in the way of an attachable cuff. Or a full length sleeve may be made instead. The rolling collar is easily transformed into a standing one over which a separate collar may be worn. Pattern No. 5411 is cut in sizes for a 32, 34, 36, 38, 40 and 42-inch bust measure.

The novel little dress pictured in No. 5421 shows some charming features, with its medium long waist, its chemisette, and its box-pleated skirt. Further novelty is noticed in the manner in which the dress is trimmed, although the trimming is very simple. In the pattern there are fronts and side-fronts, backs and side-backs, the back edge of the fronts and backs being trimmed, then the side portions joined to these by means of tabs and buttons that play the part of trimming. There are also tabs that turn back from the edges of the cuffs, and that drop down on the pleats below the belt. These may sound difficult, but they are in reality very simple, and the pattern provides for it all, and there are instructions for the work of putting together.

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Pleasant Fields of Holy Writ

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON

Third Quarter. Lesson IX. Luke XVIII, 1-14. Aug 26, 1906.

The Rich Young Ruler.

A special, though sad, interest attaches to all the incidents of Jesus' last journey to Jerusalem. He had healed the lepers and blessed the children, and now, almost under shadow of His cross, in point of time only four weeks removed, comes this subtlest of interviews with the rich young president of some synagogue.

The man was like one thoroughly incased in armor. Every piece was burnished with diligence and disposed for effect. He stood panoplied cap-a-pie. But beneath all this splendid, impregnable, moving fortress lurked a disquiet spirit, that felt itself not quite secure in spite of all, else he would never have come to the Nazarene rabbi.

Jesus just condescends to enter the lists, and tilt and foil with this knight of legality on his own ground and by his own methods. First of all, He will bring him, with all his boasted goodness, face to face with the absolute goodness of God. He adroitly puts a significance upon the hollow term of polite address which the user of it never dreamed of. In the blazing light of Divine perfection the vaunted armor of self-righteousness is sadly dimmed.

But since the inquirer will be perfect by his own exertion, Jesus holds before him the unyielding, flinty table of the law, and cries, "Do and live!" The legalist, thinking only of the letter, could say, "I have kept it." Yet spite of this vaunted literal obedience, there is a dread sense of insecurity.

The Master knew all the while the weak spot in his brave and glittering armor. He has only been toying with and testing His opponent so far. Now He brings His lance to rest to make the deadly thrust. "Sell all, give all!" "If you really want the treasure of heaven, give up the treasure of earth."

Gossner quaintly says "a man may pledge and stake his head a hundred times, but if anyone were to proceed to take it from him, he would feel for the first time how it sticks to him." In the dread concussion of Jesus' word, the rich young magistrate realized for the first time how he was wedded to his wealth. It was as much a part of him as his head was. He would as soon have parted with the one as the other.

Jesus was holding up with steady hand the first table of the law that required a supreme love of God which would expel any idol. In the flashing light of that divinely engraven Sinaitic tablet, the ruler discovered that Mammon filled his whole heart. The revelation was thorough. Not a word needed to be added. Equivocation was impossible. A heart was revealed to itself. It found itself destitute of the very essence of religion—supreme love of God.

Crucial moment that! The compass-needle of a soul wavered between heaven and hell. Alas! alas! when in a moment it came to rest, it pointed steadily toward perdition. What a loss! The dread unrest, extreme enough to bring this man of high rank to the despised Galilean; and to bring him, not like Nicodemus, but in the most public place and manner. That unrest might have been instantly removed by the absolute assurance of happy immortality. Riches held by fraillest tenure—wealth, the sport of the natural elements and standing temptation to human rapacity, were then and there deliberately preferred to treasure laid up where moth and rust do not corrupt, and where thieves do not break through and steal.

No wonder the Master-teacher availed Himself of such a didactic incident. He quotes the proverbial description of the impossible to indicate the extreme difficulty of a happy outcome in this and similar instances. As easily could their largest domestic animal pass through the smallest orifice with which they were familiar, as a rich man enter heaven. He will not enter at all except by means of that regenerating grace which enables

him to break the enchanting spell of mammon and love God with a supreme affection.

Analysis and Key.

1. A subtle interview. Meaning of universal application.
2. A knight of legality; the young ruler. Disquiet of spirit leads to Jesus. An impetuous inquirer.
3. Condescension of Jesus. Meets on his own ground. Uses his own methods.
4. Relative goodness made to face absolute goodness.
5. The legalist bidden to "do and live." 1.ferred to the law.
6. Obedience averred. Jesus' admiration of ingenuousness.
7. The weak spot touched last. Crucial command: "Sell and give!" Self-revelation. Lordship of Mammon recognized.
8. Failure in final test.
9. Jesus' caution against undue love of wealth.

The Teacher's Lantern.

Alas! the genius of the rich young ruler is not yet extinct. The world contains as many, if not more, moralists than ever. The refrain still greets our ears: "All these have I kept." They are on the best of terms with the ten commandments.

Under bold front, however, disquiet vents itself in the query, "What lack I yet?" There is conscious deficiency. If an iota is wanting, all is lost; for how shall an imperfect morality effect a perfect salvation? Cause must equal effect.

Morality seeks to fortify itself with added works—"Some bold stroke of righteousness, some grand supererogation." But what do these amount to when the very source of these is evil? They spring from love of self, not love of God.

Morality fails in the crucial test of a complete surrender to God. All the legal doings of a lifetime did not empower the young man to lift his eyes to heaven and cry: "Even so, Father; for thus it seemeth good in Thy sight."

Where morality fails, grace succeeds. The thing impossible to man (in a state of nature), is possible to man when God works in him to will and do of his good pleasure.

Size of a bank account, amount of real estate, bonds and stocks, is not the question. But attitude of the heart—that is the test. If a voice should sound from heaven, "Sell all and give all," are these material things held so lightly that compliance with that hypothetical voice would be possible?

Nay, have these things already been surrendered to God? Are they held in trust for Him? Is the principle of Christian stewardship recognized and lived up to?

Touchstone for all, not rich alone, is here. The poor may be as ardently attached to the wealth they covet as the rich to that they actually possess.

Not dollar out of pocket, but grace in heart, is what God wants. What are our worldly things to the Proprietor of the universe? Moral qualities of the soul are more precious to Him than rivers of oil or cattle on a thousand hills. A literal surrender would have been nothing apart from the spirit in which it was made.

Our Greek word for sin signifies, literally, "to miss the mark." One as certainly misses it by falling short of it as by going beyond it. Failure in supreme love of God is as certainly sin as actual transgression of the law.

Is it small matter that we fall short in our love for that Being who, above all others, should have the supreme affection of every rational soul? He has created, preserved, redeemed? Such love for Him is the very essence of religion.

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edge, and have mountain-removing faith. One may literally do what Jesus required of the rich young ruler, and even suffer martyrdom in addition; yet if all this could be conceived of as being done without a supreme love of God, it would be profitless, and as meaningless as a clanging cymbal.

Think you the Savior's test extreme in its severity? Providence is yet daily applying it. Call to ministry, call to philanthropy, halt in amassing wealth to disperse it as an almoner of God—this is Jesus' saying yet, "Sell and give!"

Pity the sorry plight of the rich young ruler. Yes! But have a care, we are not in the same plight ourselves. The natural man is so ready to exclaim "Anything but that, Lord." Rest assured that the Searcher of hearts will never lay His hand on anything short of the idol, and nothing but the new birth will enable us to surrender it.

EACH TUESDAY THIS YEAR

THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

SHEEP AS WEED KILLERS.

The battle has raged against weeds and in many localities the weeds have come off victorious. This is largely because the means of battling against them has not been of the right character, or has not been pursued with that vigor which would cause their destruction. Men have been devising all sorts of methods to kill and keep down weeds, even offering chemicals for that purpose. War on them has been waged night and day and in many places even Sunday has not afforded a respite.

In no other way can man fight weeds with as little labor and as much ease as he can with a flock of sheep. Sheep take kindly to eating weeds of almost all kinds. Stubble fields can be picked over by flocks of sheep and but a few weeds will go to seed to sow trouble for another year. It is not an unheard of thing to learn of sheep being turned in the growing corn where they will under ordinary conditions do more good than harm. Occasionally a sheep will get too free with the growing corn, or one will be found that has become educated to do mischief, and it may be necessary to resort to some prohibitive measures with such individuals, but as a rule these are scarce. With lambs there is seldom any trouble in a corn field. Rape can be sown the last time the corn has been cultivated to help out in this direction and the benefit be of a double purpose.

We would not be understood as advocating that sheep are to be used solely as weed killers, for they will not give that satisfaction desired if confined solely to weed extermination. In some localities it is claimed that sheep are kept only for that purpose. Sheep will be "worked" so hard that they will not make the gains necessary and there will be a loss in that manner. The average sheep takes to eating weeds very much like a duck takes to water, but there cannot be the gain that the average successful man would like his flock to make. Weeds of themselves do not have sufficient nutrition to produce the gains that can be obtained by good pasture and a feeding of the grains. A flock that has been "worked" pretty hard must show that it has not come up to its best possibilities.

Almost all weeds that grow on western farms can be eradicated by a continued pasturing of sheep and if the proper management is pursued there will be no loss in gains made. Some of the most pernicious weeds on farms have been exterminated by flocks of sheep where the matter of weed destruction has never entered the mind of the owner. Keeping sheep for profit, there comes a profit in this manner that has not been taken into the calculation.

FROZEN MUTTON TRADE.

The great plains of Australia, New Zealand and Argentine being adapted to sheep pasturing and little else permits a transaction of an immense business in wool and mutton. In recent years the frozen mutton business has become one

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST
CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Nock, Minton, Cooper, Williams and Buttar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KELLERTON, IOWA

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Will have an exhibit at the Iowa, Minnesota and South Dakota state fairs. Address: Thomas H. Canfield, Lake Park, Minn.

Allen's Shropshire Rams and Short-horn Bulls
I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.
GEORGE ALLEN, LEXINGTON, NEB.

Shropshire Rams

AT Pike Timber. A good lot of yearling Shropshire rams, all got by the Imp. ram Lord Byron (9889-R) and some of them out of imported ewes.
T. A. DAVENPORT, BELMONT, IA.

The children's friend—
Jayne's Tonic Vermifuge
Drives out blood impurities. Makes strong nerves and muscles.
Gives tone, vitality and snap.
Get it from your druggist



of great importance. A London report says: "The supplies sent from Australia were the largest we have received from these colonies since 1900. Compared with the imports for the first quarter of 1905, the total for the quarter in the current year shows an increase of 42.90 per cent, and amounts to 350,580 hundred weight. It will be interesting to place this quantity in comparison with the total for the same period in 1902, 82,637 hundred weight, for nothing can better indicate the enormous and rapid recovery in Australia from the disastrous consequence of the drought."

The New Zealand supplies are the smallest for many years. The quantity imported was but 137,977 hundred weight, or rather less than half that imported during the same period in the previous year.

The Argentine supplies during the past three months were 120,877 hundred weight, or 3.93 per cent more than during the same period of the previous year. This quantity is not a record one for the period under review, as it was exceeded in the first quarter of the year 1904 by about 10,000 hundred weight. It will be of interest to note as showing how rapidly the supply of dead meat follows the stoppage of the live sheep and cattle shipments to mention that in the first quarter of 1903, when live sheep were being sent from the Argentine, the supplies of mutton from that country were 87,479 hundred weight, as against 120,877 hundred weight when no live sheep are being sent.

THE GREEN FOUNDRY & FURNACE WORKS.

Mr. Samuel Green, the founder of this institution came to Des Moines in 1869 and opened a little foundry just back of where the present establishment is now situated, and for several years he, with two workmen, was able to supply the demands of the trade. At that time the work consisted principally of job work made to order. However, in 1887 it was decided to commence manufacturing furnaces, and consequently a set of patterns were made and put into the sand, and some few of these furnaces were sold. But it soon became evident that the article which at first seemed so perfect was far from supplying to the trade what they had prided themselves on having—a perfect furnace. Consequently new patterns were made and again it was found necessary to alter and renew the patterns in order to be up to date, to take advantage of every new feature and to give the best article for the least money. Nineteen years have elapsed since the making of the first furnace patterns and today there is not a remnant left of the old style or form. Six different styles of furnaces in fifteen sizes are now turned out, and every part of each furnace has received hours and hours of study and thousands of dollars have been expended in workmanship and material to revise and make these patterns as nearly perfect as possible. Every part must be perfectly fitted, must be constructed with no loss of labor in order to make the price reasonable, and every part must be tried for strength and durability before it could be put upon the market and guaranteed. It became evident in a short time that the amount of smoke travel in the ordinary furnace was not sufficient and would not readily take care of the fuel used in this part of the country. Consequently the radiators

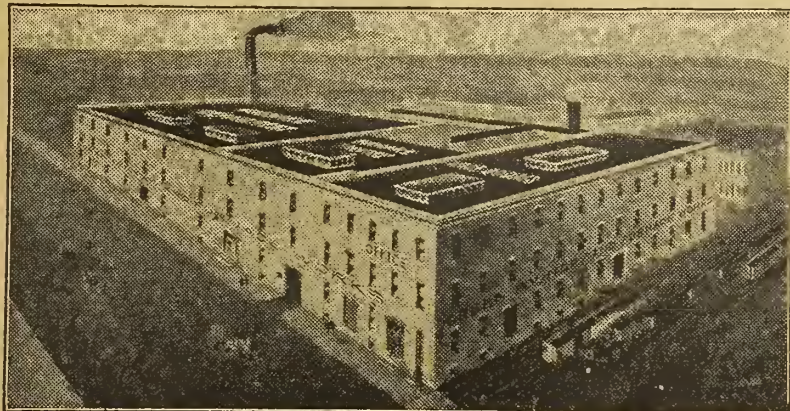
were increased in size, and the inside surface made smooth to prevent the soot from adhering to the sides. The radiator in the cast furnace was made absolutely seamless to prevent any possibility of gas or smoke escaping. The steel furnace must be constructed in the same manner, and with the same care that a steam boiler is made. In a construction close enough to prevent steam or water from escaping no gas or smoke could leak out. Every part of every furnace, the ash pit with its depth; the howls, heavy, durable and large; roller grates with their three sides, giving three fire surfaces to prevent their warping; the bodies of the furnaces with their gas tight chutes and large feed doors; the radiators, constructed to extract every particle of heat from the smoke and thus make a big saving of fuel, had to be built and rebuilt, fitted and refitted, tested for strength and durability, workmanship and practicability before being placed upon the market. The Green Foundry & Furnace Works now covers an area of 42,540 square feet of floor space. The large foundry with the iron room, coke room and cupola, the pattern room which is a fire proof vault where thousands of dollars' worth of patterns are stored, the machine shop where the fitting is done, the shipping room from the side door of which the car load orders are filled, and the store room for the heavy iron castings, are all situated on the first floor of the building. On the second floor are situated the steel furnace department where the steel is rolled, punched and riveted; the pattern shop where the tedious hours are spent in the construction of every small original pattern; the register room and the office. The third floor is devoted entirely to the tin shop and ware rooms for pipe and fitting necessary for the installation of every furnace. Every year brings new customers. Business is done all over the western country, shipments being made as far south as Georgia, Tennessee and Arkansas, north to Wisconsin and west to the coast. Desirable representatives, men who have a thorough knowledge of the furnace business are secured as far as possible, in each town, through whom the furnaces are sold and through whom they are installed. These men if at all deficient are given instruction wherever necessary. The number of cubic feet in each room to be heated are accurately figured, and pipes sufficient to supply the necessary warmth are installed and an accurate total of cold air, equal to the total of hot air is returned to the furnace to be heated, any microbes or impurities destroyed and the air again sent into the rooms, fresh, pure and healthful. Visitors are always welcome at this institution, and while you are in Des Moines, plan to make this one of the attractions. They are located just one block east of the Rock Island depot, and they will be glad to show you anything and everything about the plant. If you have never seen the red hot, melted iron as it is taken from the cupola it will pay you to go in and take a look. When buying a furnace ask your dealer for a Green furnace. If he does not keep them, write to us for descriptive catalog. It tells all about our furnace. Read our advertisement on page 12 of this issue.

LOW EXCURSION RATES TO NEW ENGLAND AND CANADIAN POINTS VIA THE C. & N.-W. RY.

Tickets on sale daily until June 30th; also on July 4th and 18th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

INCREASE YOUR INCOME.

Opportunities in all lines of business in new and growing towns in Iowa, Illinois, Missouri and Minnesota along the line of the Chicago Great Western Railway. Write to Industrial Department, C. G. W. Ry., St. Paul, Minn., for "Town Talk" and county map.



Green's Foundry and Furnace Works, Des Moines, Iowa. See this Page.



PILES

AND FISTULA

NO MONEY to pay UNTIL CURED.

I TREAT and cure permanently by mild and painless methods, all diseases of the Rectum, such as Piles, Hemorrhoids, Ulcers, etc. I do not use the knife nor put you to sleep with Chloroform or Ether.

I guarantee a cure and take no money until cured and satisfied.

Protection for Life—Every case when cured and discharged is given a written "Legal Guarantee" of cure which provides for Free Treatment at any time during life, should further treatment ever be needed. In other words, "I agree to keep you cured."

Write me full description and I will send New Illustrated Book Free. Also letters from hundreds of cured Iowa patients.

Write these cured patients:

W. H. Swartzendruber, R. 3, Wellman, Ia.

A. Nicholas, Plover, Ia.

L. B. McAlpin, Clarinda, Ia.

T. B. Adkins, Grinnell, Ia.

C. L. Holden, Marengo, Ia.

J. L. Plank, South English, Ia.

J. C. Shaffer, Kinross, Ia.

R. D. Engle, Martinsburg, Ia.

J. M. Richardson, Sigourney, Ia.

AUGUST WEIBLE, Rolfe, Ia.

WM. CONVERSE, Hancock, Ia.

J. A. BOLLER, Kalona, Ia.

C. H. Oates, Clarinda, Ia.

H. J. LEYSON, Sioux Rapids, Ia.

J. L. NAU, Thornton, Ia.

A. W. LARSON, Cambridge, Ia.

JOHN J. KANE, Emmetsburg, Ia.

C. R. MOBERTLEY, Kellogg, Ia.

W. F. DAVENPORT, Waukegan, Ia.

Address me.

JOSIAH JOHNSTON, M. D.

512 W. Walnut St., Des Moines, Iowa.

640 ACRE FREE HOMESTEADS IN WESTERN NEBRASKA

This is an opportunity that will not last long and is worth investigating.

WILL HELP YOU LOCATE—I am employed by the C. B. & Q. Ry. Co. to help intending settlers find desirable free Kinkaid homesteads. More than 1,000 persons have made land filings in western Nebraska during last three months. Best lands are going fast.

SPECIAL OPPORTUNITIES—Lands that are NOW BEING CANCELLED on reports of the Special Agents of the Government are generally desirable homesteads. I keep track of all of the cancelled lands for the benefit of the patrons of this Bureau.

NEXT EXCURSIONS—I will personally conduct excursions as follows:

TO SCOTSLUFF, NEB., SEPT. 4, 1906.

TO ELLSWORTH, NEB., SEPT. 18, 1906.

TO MULLEN, NEB., OCT. 2, 1906.

TO HYANNIS, NEB., OCT. 16, 1906.

at which times I will have with me township plats showing the homestead land in those localities.

RATES—Very low round-trip homeseekers' excursion rates to all points in western Nebraska.

NEW FOLDER FREE—Write today for our new folder with map of Nebraska, telling all about the 640-acre free homesteads, what the lands are valuable for, and how to acquire title. Address

D. CLEM DEEVER, Agent Burlington Route,
Homeseekers' Information Bureau,
1004 Farnam Street, OMAHA, NEB.

The Homestead and The Homemaker,
\$1.25 per year.

WE WANT YOU TO SEE THE MAC FURNACE AT THE IOWA STATE FAIR



This is It--For Homes, Schools, Churches.

You Can Make
Your Whole House
Comfortable by
Heating it With Our

MAC FURNACE

and if you knew how comfortable it would make your home during the winter months it wouldn't take much talk on our part to have you install a Mac furnace this fall.

You Can Use Straw,
Cobs and Brushwood for
Fuel as Well as Coal

and it will thus materially reduce your coal bill. We could tell you much about this furnace and give you many arguments why it would pay you to install it in your house, but we simply want you to see the furnace itself. May we not hope that you will look up our exhibit and let us explain it to you?

Our exhibit will be in Power Hall, just east of the race track.

Our new catalog will be ready for distribution by fair time, and we want you to be sure to get a copy of it. We'll be glad to send it free to anyone who is interested. Write for one, mentioning The Homestead. It explains the system of hot air or furnace heating, besides telling you all about the Mac. Address,

Mac Furnace Works, 111 E. Court Ave., Des Moines, Ia.

THE MARKETS.

Chicago, August 18.—Chicago Stock Yards movement of live stock, to-day's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Aug. 11.....	79	84	14,735	1,053
Mon., Aug. 13.....	23,110	1,099	30,868	28,605
Tues., Aug. 14.....	5,071	1,836	13,883	24,153
Wed., Aug. 15.....	19,773	1,534	19,068	23,232
Thurs., Aug. 16.....	4,760	795	12,525	8,817
Fri., Aug. 17.....	3,720	440	11,738	2,894
Sat., Aug. 18.....	600	50	9,000	1,000

Total this week.....	57,034	5,754	97,082	88,701
Previous week.....	52,729	7,080	166,805	79,965
Cor. week 1905.....	62,341	6,917	125,013	56,351
Cor. week 1904.....	53,093	2,830	82,673	92,770
Shipments—	Cattle	Calves	Hogs	Sheep
Sat., Aug. 11.....	363	15	2,259	.....
Mon., Aug. 13.....	6,660	32	7,012	6,522
Tues., Aug. 14.....	2,034	65	1,706	9,230
Wed., Aug. 15.....	4,987	68	2,930	8,769
Thurs., Aug. 16.....	3,746	18	2,631	4,586
Fri., Aug. 17.....	3,061	39	2,665	2,344
Sat., Aug. 18.....	300	..	1,500	.....
Total this week.....	20,788	122	18,494	31,451
Previous week.....	20,410	312	30,266	24,192
Cor. week 1905.....	24,697	775	39,313	7,969
Cor. week 1904.....	20,517	326	19,726	48,641

OTHER MARKETS.

Kansas City, Mo., Aug. 18.—Cattle—Receipts, 200; nominal. Hogs—Receipts, 3,000; strong to 5c higher; top, \$6.25; bulk, \$6.12½ @ 6.20. Sheep—Receipts, none.

National Stock Yards, Ill., Aug. 18.—Cattle—Receipts, 400, including 200 Texas; market steady. Hogs—Receipts, 1,800; 5c higher; top, \$6.35; bulk, \$6.15 @ 6.25. Sheep—Receipts, 200; market steady.

South Omaha, Neb., Aug. 18.—Cattle—Receipts, 300; unchanged. Hogs—Receipts, 6,100; strong to 5c higher; top, \$6.25; bulk, \$5.85 @ 6.05. Sheep—Receipts, 500; strong.

Sioux City, Iowa, Aug. 18.—Hogs—Receipts, 3,000; strong; range, \$5.80 @ 6.05; bulk, \$5.85 @ 5.95. Cattle—Receipts, 100; steady.

St. Joseph, Mo., Aug. 18.—Cattle—Receipts, 100; steady. Hogs—Receipts, 4,000; 5 @ 7½c higher; top, \$6.20; bulk, \$6.07½ @ 6.15. Sheep—Receipts, 1,200; 10 @ 15c higher; Idaho lambs, \$7.40.

CHICAGO MARKET LETTER.

Messrs. Clay, Robinson & Co. write as follows under date of August 17th:

Supplies of cattle this week number just about the same as last week, but show a decrease of 7,000 head as compared with a year ago. The market had a good active tone throughout for all desirable kinds and as high as \$6.75 has been paid for choice heaves, this being the top price of the year to date. It is quite evident that there is more or less of a scarcity of desirable fat native heaves and we look to see all such sell at strong figures. Feeders having steers of good quality on hand that require a month or two longer feeding will not make any mistake in our opinion to hold and fatten them, as we believe they will be fully justified in the outcome. There has also been a good inquiry for desirable native cows and heifers, but the medium natives have had to meet sharp competition from the western rangers. Among our sales the past week was a load of Hereford two and three-year-old straight grass native heifers at \$4.50. We also sold a big string of South Dakota range

\$6.85 yesterday. The market is on a strong basis with not very much prospect of going much lower.

Water Under Air Pressure.

To the Editor of The Homestead:

In compliance with a recent request in your paper, I will say that I have in successful use a pneumatic water supply system. It consists of a steel tank four feet in diameter and ten feet long and holds about 1,200 gallons. It has an eight-foot windmill on a forty-foot tower and a combination air and water pump with an automatic attachment for regulating the water supply.

In starting three months ago we pumped air until the gauge showed ten-pound pressure, then pumped water until it showed twenty-five pounds, the tank being about one-fourth full. By keeping the tank about one-third full we have sufficient pressure yet to force water to bath tub in second story, to barn and hog lot 250 feet away, to kitchen sink and also to flush the closet. A storage tank in the bath room, supplied by a force pump connected with a cistern; a range boiler that has a supply pipe to the bath tub and kitchen sink, give us a water supply that exceeds our expectations—one that every farmer who is out of debt ought to have.

Peoria Co., Ill. William West.

A Simple Pig Conditioner.

To the Editor of The Homestead:

As the pig crop is now about half grown, the annual complaint of swine diseases is again heard, and we see many formulas and preventives spoken of in the agricultural papers of the corn belt.

For the benefit of any of the readers of this paper who are interested in the production of pork I wish to give a simple conditioner that was used by me for some five years in my herd of pure-bred hogs:

Charcoal, made from hard wood or cobs 1 bushel
Ashes, hard wood 1 bushel
Sulphur 1 gallon
Salt, common barrel 1 gallon

Pulverize the charcoal; then mix with the ashes. Mix the salt and sulphur and then carefully mix all, so as to get the sulphur evenly mixed through the charcoal and ashes. Put in a dry place where hogs can have access at all times, and watch how regularly they will take a bite and walk on, seemingly satisfied. I know of good hog men who have used this in cases where hogs were dying from swine troubles, and have had them report that it seemed to give more relief than anything else used. A little starvation is also a most excellent remedy when the pig raiser finds his hogs not doing well.

A. T. C.

HALF RATES TO DES MOINES.

For the Iowa State Fair at Des Moines, Iowa, August 24-31, 1906, the Iowa Central will sell excursion tickets at one fare for the round trip, limited for return until Sept. 1, 1906. For particulars about rates, time of trains, etc., call on agents.

Lands and Homes for Sale.

William Lampmann,

Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send to me, free of charge, full information about

IDAHO IRRIGATED LAND.

Yours truly,

(Name)..... (State).....
(Town)..... (Box).....
(R. F. D.).....

FARM FOR SALE

A SPLENDID INVESTMENT.

282 ACRES, half mile north of court house, 202 Marshfield, Webster Co., Mo.; three-fourths mile to depot. Express office and fine graded school, seven teachers. One of the best improved and productive farms in the county. Fine for dairy, blooded stock, grass, grain and fruits. Abundance of never-failing, pure spring water. Good buildings. Great bargain at \$36 an acre. Reason: old age. For particulars, address owner, Matthew Long, Marshfield, COUNTY, Mo.

BUY A FARM NOW.

ALL good FARM LAND must advance with our increase in population. We sell good land in KANSAS and TEXAS at \$6 to \$10 per acre. Good climate; good water. One crop pays for the land. JOIN OUR NEXT EXCURSION.

T. CARRABINE & CO.,

Opposite P.O., 301 Century Bldg., Kansas City, Mo.

IOWA FARMS FOR RENT.

WE want 50 renters, men who have help, horses, and machinery enough to run whatever size farm they undertake. Will rent for two-fifths of the crop and \$2.50 to \$3 per acre for pasture and hayland. Only good men need apply. Send references with first letter, or come and see, and bring them with you. We want to rent early so that the renter can get the fall plowing done in season. We have over 100 farms for sale, as good as the best, at all prices. Write for catalog and map.

THE ALLEN LAND AND LOAN CO., - LAURENS, IOWA.

\$4,000 FARM FOR \$2,800.

160 ACRES, Douglas county, Mo., three miles from Ava; 100 acres, one-half bottom, cultivated, 120 acres fenced, 60 acres good oak timber. Fair farm buildings, fine spring water, good fences. 600 bearing apple trees; this crop sold for \$400 in the orchard. Owner in California and says, sell. Write for full description, pictures, etc.

L. O. HAILEY, - AVA, MO.

IRRIGATED FARMS, Large or small, the best and the cheapest in the world for stock, hay, grain, fruit and vegetables, in a splendid climate. Fifty per cent profit assured in one year on land investments, before the railroad boom. Inquire of

Lemhi Land Co., Salmon, Idaho

IOWA FARMS!

SEND for large, new catalog of Iowa farms, and exchange list. In corn, timothy, clover and blue grass belt, southwestern Iowa. Address,

Brinkheimer Land Co., Creston, Iowa.

COME TO VIRGINIA.

500 special bargains in farms. Northern farmers send for new catalog. Learn about this country. Percival Bros., Petersburg, Va.

FOR SALE or trade, SW ¼ Sec. 12 and NE ¼ Sec. 14, township 150, range 48, six miles north-east Crookston. D. G. Wilson, Bloomfield, Nebraska, Rural Free Del. No. 4.

FARMS In western Kansas at owners' prices.

Dodge City Realty Co., Dodge City, Kan.

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

BECKTELL, THE LAND MAN
OF Macksville, Stafford Co., Kau., sells wheat land to the west line of the state. Write him. State map free.

FOR Sale—Well improved 335-acre Wisconsin farm. Price \$3,000.00; easy terms.

FRANK CLEVELAND,
1052 Adams Express Bldg., Chicago, Ill.

FARM for sale, adjoining Bloomfield, Iowa. Ninety-nine acres improved. Terms to suit buyer. L. H. Bates, R. F. D. 3, Bloomfield, Iowa.

FOR Sale, my 240-acre fluently improved Osceola county, Iowa, farm at \$65 per acre. W. D. Creglow, - Remsen, Iowa.

FOR SALE; 180 acres in Harrison Co., Mo. Well improved, handy to town and school. One of the best all purpose farms in Co. T. T. Spicer, Ridgeway, Mo.

COLORADO, ROUTT COUNTY, IRRIGATED RANCHES. B. L. Dart, Yampa, Col.

FENCE! STRONGEST MADE. Bull Strong, Chicken Tight. Sold to the Farmer at Wholesale Prices. Fully Warranted, Catalog Free. COLEO SPRING FENCE CO. Box 20. Winchester, Indiana, U. S. A.

FISHING AND CAMPING.

Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

\$22 CHICAGO TO NEW YORK AND RETURN VIA LAKE SHORE.

Tickets on sale August 28th and 29th, good returning until September 4th. For full particulars call on or write M. S. Giles, T. P. A., Chicago, or W. J. Lynch, Passenger Traffic Manager, Chicago.



President J. M. Hussey, Western Normal College, Shenandoah, Iowa.
The Great School For Farmers' Children.

....LANDS AND HOMES FOR SALE....

FOR SALE Excellent Iowa Farm. Price \$62.00 Per Acre.

As good a farm as there is in Iowa, containing 567 acres, in Kennebec township, Monona county. It is five miles from Onawa—county seat—and two miles from Thurin, both good railroad towns. I will sell for \$62.00 per acre if taken soon, part cash and balance on time at a reasonable rate of interest. Crops reserved. The house is a good frame of about six rooms, brick foundation, cemented cellar, etc. The barn is large, with brick foundation, and is almost new, has "clean-to" shed 12x32 feet. There are ample cribs, bins, etc., hay scales, good wells and windmill. The farm is well fenced and will divide into three farms nicely. All buildings are well painted and in good condition. About 300 acres will be under the plow this season; the remainder is splendid hay land, with the exception of fifteen acres of good timber land along the west line, which is the Little Sioux river. For stock or grain the farm has no superior anywhere. The soil is deep and a very rich, dark loam, easily worked, no rocks, no sand. As the Northwestern Mutual Life Insurance company, of Milwaukee, renewed a small loan for five years on the above described land June 29th, 1906, there can be no question as to perfect title. I refer you to any bank or commercial agency in Omaha, Neb., or Council Bluffs, Iowa, as to my reliability. The farm to be appreciated must be seen. All inquiries cheerfully answered. Address,

Z. T. LINDSEY,
OMAHA, NEBRASKA.

IOWA FARMS

120 ACRES 4 miles from town of 8,000 population; fine, level, black prairie land; well improved; good home farm. Will sell on favorable terms.
160 ACRES 6 miles from Independence; 2 miles from creamery, store and blacksmith shop; near school and church; rich land; good improvements; good orchard and small fruit; fine home.
200 ACRES 5 miles from Independence; 3 miles from a good market town; good black land; well improved.
Write for prices and terms and send for our new list with pictures.
NORTHERN IOWA LAND CO.,
Independence, Iowa.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
415 KANSAS AVENUE, TOPEKA, KAN.

GOOD LANDS

IN Great Platte Valley, Lincoln county, Nebraska. Nice smooth table land of best quality within 5 miles of R. town, unimproved, for \$7.50 per acre. Improved farms same locality, \$10 to \$15 per acre. Improved stock ranches, \$6 to \$17.50 per acre. Wild grazing lands from \$2.25 to \$5 per acre. Address
Buchanan & Patterson, Land and Im. Ags. U.P.R.R.
North Platte, Nebraska.

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address,
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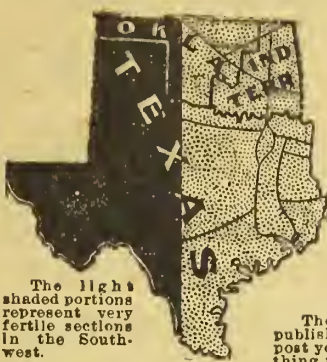
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S. G. LANGSTON, Sec'y., M. E. & T. Land Bureau, 306 Wainwright Bldg., St. Louis, Mo.

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P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

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are both to be had in the fertile Panhandle of Texas. There is no better climate or soil to be found on the face of the earth than that of the Panhandle. You can raise just as large crops on its fertile acres as you can in Iowa or Illinois, and you can get better prices for them. There is no better place to live—water is good and plentiful, winters are mild, and everything works to the success of the farmer and stock raiser. A few years ago land in your locality was selling at half, or less than half, what it is bringing today, and many people who know have made fortunes by their investments in lands. Those same opportunities are now to be had in the Panhandle of Northern Texas. If you buy here at once for investment you are sure of doubling your money in the next two or three years, for the immigration coming here now is bound to bring prices to much higher levels. Satisfy yourself that the panhandle is the garden spot of the earth by seeing it, but first write for our literature which tells you how to see it to the best advantage and at the least possible expense. We don't want you to buy our lands until you are satisfied, because a well-satisfied customer is the best advertisement we have. We can offer you your choice from 100,000 acres in the very Garden Spot of the Panhandle at attractive prices and terms. Write for pamphlet to
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73 Acres, well improved.....\$4,500
144 Acres, improved.....\$7,500
80 Acres, improved.....\$4,000

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BARGAINS in Bates county farms; in the corn and blue grass belt. Write for list.

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Central Missouri Farms IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address,
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THE cheapest and the best on the market. These lands are in Minnesota and S. Dakota in fourth tier counties north of Iowa. Soil and land is like Iowa. You can raise anything in these parts you can in Iowa. Corn last year went 50 bushels per acre, wheat 25, oats 40 to 75. Timothy and clover does well in these parts. Fruit does well here. Good water and a healthy climate. We have some well improved land near town, good buildings, price \$40 per acre. Other good lands with fair improvements \$30 and raw lands as low as \$20. These are as good stock and grain parts as Iowa. You who want farms don't fail to invest in our lands. Buy ticket over C. & N. W. R. R., take receipt, bring the same to us and on any purchase we will refund the money. Write for particulars.

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CORN is King and Wheat is Queen in northeast Kansas. Bluegrass sits in the shade of fine tall timber and judges herds of fine stock and with Alfalfa, Clover and Timothy execute the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want to S. M. Strawn, Valley Falls, Jefferson Co., Kan.

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160 ACRES, Kosciusko county, Iowa. Fine set of new buildings, five miles from two towns. An ideal stock farm, \$57.50 per acre. For full information write the owner, **G. E. Hamilton, No. 1411 24th Street, Des Moines, Iowa.**

FOR SALE—I am a farmer with more land than I need. It is all fine land in Sanborn Co., S. Dak., and is offered below the market. Will sell 160 to 800 acres in a body at \$25 for partly improved to \$38 for complete farm. Write for particulars. **H. E. Mayhew, Jetcher, South Dakota.**

LIVE STOCK SALES

Flynn Farm Short-horn Sale.

As per announcements from week to week in The Homestead that the Flynn Farm Company would hold their annual sale August 16th the sale came off and was successful throughout. More than two passenger coaches loaded with visitors came out to the Flynn farm over the Milwaukee road. Every arrangement was made for the comfort of the visitors and a sumptuous noon-day lunch was provided by the Evans Cafe of Des Moines. Mr. Evans has been furnishing these lunches for the sales at the Flynn farm for many years, but he says he has never fed so many people on any former occasions. Buyers were present from Arizona, Illinois, Minnesota and Iowa. Iowa took in the bulk of the cattle at good, fair prices. The day was the hottest of the season; notwithstanding this fact the crowd remained good natured, and Colonels Woods, Bellows, Guy and Mossman all did effective work as auctioneers. The first three divided honors in the box, while Mr. Mossman did most excellent service as ring worker throughout the entire sale. The cattle presented for this sale were in splendid breeding condition, not overdone, but their flesh being largely natural flesh made on the grass. The offering from the standpoint of quality and breeding in its entirety was not the equal of the 1905 offering, which accounts for the lesser average. However, from every point of view the sale was a success, and the Flynn family were well pleased with the result. It has always been the aim of this establishment to want the purchasers to get their money's worth at Walnut Hill. Some splendid bargains were in store for the judicious purchaser, which were taken advantage of. That old-time Short-horn breeder, Mr. George Lyle, of Newton, Iowa, was replenishing his herd to the extent of eight head, buying the most valuable things in the offering. Mr. Lyle was also the next highest bidder on the beautiful roan Kirklevington cow, Kirklevington Countess. The fight for this Bates cow, which topped the sale, lay between Judge Emory Cobb, of Kankakee, Ill., and Mr. Lyle. It will be remembered Judge Cobb topped the bull sale at Walnut Hill last season. Mr. F. M. Marshall, of Blackwater, Mo., was present and was a good bidder on some of the better class of cattle. Our subjoined detailed report of where the cattle went, the prices obtained and post-office address of all purchasers paying \$100 or over will be of interest to the Short-horn world. The splendid eulogy delivered to the memory of Mr. Martin Flynn, the founder of this establishment, by Col. F. M. Woods, was very timely and fitting in honor of the memory of one of the grandest characters and best Short-horn breeders in America.

FEMALES.

Rosamond of Clover Lawn, five years, sire Prince Gerald, and b. c., Geo. Lyle, Newton, Iowa \$200
 Buchanan Princess, seven years, sire Lord Lassie 14th, and c. c., H. F. Brown, Minneapolis, Minn. 415
 Mina Lass 2d, two years, sire Scottish Victor, John Newburn, Des Moines, Iowa 115
 Lady Ellen 2d, three years, sire Golden Lord, and b. c., Bartlett, Hurd & Co., Phoenix, Arizona 185
 Mary Knight, three years, sire Imp. Red Knight, and b. c., Geo. Lyle 230
 Sweet Briar C., two years, sire Scottish Victor, and b. c., A. J. Kane, Grimes, Iowa 110
 Lavender of Sunny Side, three years, sire J. I. Marengo, and c. c., N. A. Lind, Rolfe, Iowa 235
 Lustrous Lady 2d, three years, sire Nonpareil of Clover Blossom, F. M. Marshall, Blackwater, Mo. 100
 Maria 3d, two years, sire Scottish Victor, N. A. Lind 155
 Nonpareil Beauty 3d, two years, sire Imp. Fancy's Pride, J. D. McDermott, Anita, Iowa 225
 Kirklevington Countess, four years, sire Count of Waterloo, Emory Cobb, Kankakee, Ill. 505
 Wild Eyes Winsome of Riverside 4th, seven years, sire Waterloo Duke of Hazelhurst 14th, F. A. Edwards, Webster City, Iowa 160
 Udonia Airdrie 4th, three years, sire 75th Duke of Airdrie, and c. c., F. H. Hunter, Ankeny, Iowa 150
 Poppy of Walnut Hill 2d, nine years, sire Kirk Kirklevington 3d, and c. c., Geo. Lyle 200
 Lady Victoria, four years, sire Fitz Eustace, and c. c., W. Z. Swallow, Booneville, Iowa 300
 Walnut Hill Hilpa Duchess 3d, seven years, sire Airdrie of Wild Eyes Duke 2d, and b. c., F. H. Hunter 120
 41st Duchess of Walnut Hill, seven years, sire Duke Wild Eyes, and b. c., Jas. M. Stewart, Ainsworth, Iowa 180
 Azalia of Enterprise 9th, six years, sire Peculated Wild Eyes, and c. c., Geo. Lyle 175
 Oxford of Niagara 32d, six years, sire Spartan Royal, and b. c., H. G. Bosch, Haverhill, Iowa 180
 Flynn Farm Hilpa, two years, sire Grand Duke of Enterprise, Jas. M. Stewart 245
 Poppy 7th, two years, sire Grand Duke of Enterprise, F. A. Hunter 100
 Dunbarton Rosie, six years, sire General White, John Rasmess, Lake City, Iowa. 115
 Red Princess, four years, sire Imp. Nonpareil, W. Z. Swallow 190
 Wild Eyes Duchess 9th, six years, sire Golden Lord, Geo. Lyle 200
 Mary Lord Lavender, four years, sire Georgiana's Lord, and c. c., same 215
 Miss Wiley, four years, sire Georgiana's Lord, and c. c., B. B. Freeborn, Earlham, Iowa 150
 Lassie of Maple Avenue, eight years, sire Sharon Butterfly, and b. c., John Newburn 120
 Lucy L. 6th, five years, sire J. I. Ma-

rengo, and c. c., Walter Little, Evansville, Wis. 150
 Duchess of Millford, five years, sire Major, F. B. Mier, Haverhill, Iowa 150
 Walnut Hill Ianthe, four years, sire Cragg's Duke 5th, and c. c., John Newburn 100
 Walnut Hill Ianthe 2d, four years, sire Golden Lord, and c. c., Dr. Coffee, Des Moines, Iowa 100
 Iuez, three years, sire Imp. Blackwatch, and c. c., C. W. Phillips, Des Moines, Iowa 145
 Linda, four years, sire Rosamond, and c. c., F. A. Hunter 135
 Christie, three years, sire Duke of Oakland 2d, and b. c., F. A. Ellis, Grimes, Iowa 150
 June Rose, five years, sire Peculated Wild Eyes, Geo. Lyle 150
 Walnut Hill Ianthe 3d, two years, sire Cragg's Duke 5th, C. W. Phillips 105
 Lizzie Scott 2d, two years, sire Cragg's Duke 5th, Geo. Lyle 150
 Cragg's D. 2d, one year, sire Orange Hero, Bartlett, Hurd & Co. 125

BULLS.

Lord Avon 2d, three years, sire Golden Lord, same 355
 Majestic Earl, one year, sire Lady's Earl, Walter Little 160
 Prince Wild Eyes 4th, one year, sire Grand Duke of Enterprise, Wiltse Bros., Indianola, Iowa 220
 Prince Wild Eyes 2d, one year, sire Grand Duke of Enterprise, Al. Meeker, Granger, Iowa 200
 Chief Douglas, one year, sire Scottish Victor, Burlett, Hurd & Co. 200
 Winsome Duke 2d, one year, sire Grand Duke of Enterprise, C. C. & G. M. Youngerman, Valley Junction, Iowa 125
 Lord Cardinal, one year, sire Scottish Victor, Bartlett, Hurd & Co. 200

SUMMARY.

45 females sold for \$7,250; average, \$161.11
 9 bulls sold for 1,385; average, 176.11
 54 head sold for 8,835; average, 163.60

Duncan's Sale of Short-horns.

The sale of Short-horns held by Mr. H. C. Duncan, of Osborn, Mo., on August 15th, drew a goodly number of breeders, but the buying spirit was hardly what the cattle merited. Mr. Duncan had every reason to expect a higher average, but that veteran breeder had listed his cattle and those in attendance bought them at their own prices. Had Mr. Duncan held his sale later in the season after the summer farm work is over, better prices might have prevailed, but be that as it may, Mr. Duncan parted with his guests with as cordial a hand shake as was bestowed on each arrival in the morning. The totals and the averages do not look so bad. The bull buyers seemed conservative when the quality of this end of the offering was considered. The eight bulls sold averaged \$246.25. Magnet, the Cruickshank herd bull, went at the bargain price of \$350, Mr. G. P. Simpson, of Blockton, being the buyer. The Golden Drop bull, Golden Headlight, sold for \$500, the top of the sale, and went to Mr. J. J. Kone, of Wisner, Neb. Mr. M. L. Logan, of Lineville, Iowa, secured a bargain in the nine-months-old Orange Blossom bull, Orange Magnet. The females seemed to be in fair demand and the thirty-nine head sold for an average of \$154.61. The top in females was paid by Messrs. Hall Bros., of Carthage, Mo., for the Violet heifer, Maple Hill Violet 15th, a two-year-old daughter of Magnet. She will be mated with the son of Choice Goods that heads their herd. He, too, is a Violet. Mr. M. L. Logan secured a great bargain in the Cruickshank Victoria cow, Victoria of Glenwood 14th, with heifer calf at foot. Col. Geo. P. Bellows opened the sale and after a short talk introduced Mr. B. O. Cowan, assistant secretary of the American Short-horn Breeders' Association. Mr. Cowan's address was appropriate and inspiring. Following is a list of all sales over \$100:

Magnet, five years, sire Pure Gold, G. P. Simpson, Blockton, Iowa \$350
 Victoria of Glenwood 14th, seven years, sire Violet Spur, and c. c., M. L. Logan, Lineville, Iowa 425
 Maple Victoria, one year, sire Headlight, R. E. Mauphin, Pattonsburg, Mo. 305
 Gloster of Maple Hill, four years, sire Victorious, and c. c., N. H. Gentry, Sedalia, Mo. 255
 Ury Maple 3d, one year, sire Headlight, A. W. Barker, Clio, Iowa 205
 Ury of Maple Hill, six years, sire Baron Dudding, and b. c., H. R. Clay, Plattsburg, Mo. 400
 Orange Blossom of Wildwood 5th, nine years, sire Golden Victor, T. J. Wornall & Son, Liberty, Mo. 175
 Maple Hill Orange Blossom, two years, sire Headlight, Bartlett Herd Company, Phoenix, Ariz. 180
 Orange Headlight, one year, sire Headlight, same 125
 Orange Magnet, one year, sire Magnet, M. L. Logan 400
 Albino, five years, sire Grand Victor, Geo. Bothwell, Nettleton, Mo. 240
 Maple Hill Violet 16th, two years, sire Magnet, Hall Bros., Carthage, Mo. 450
 Maple Violet, four years, sire Malcolm, T. J. Wornall & Son 315
 China Rose, four years, sire Grand Victor, and b. c., N. H. Gentry 255
 Golden Headlight, one year, sire Headlight, J. J. Kane, Wisner, Neb. 500
 Good Enough, one year, sire Headlight, John Skinner, Trenton, Mo. 260
 Mary Garth, three years, sire Headlight, Ollie Kinney, Hamilton, Mo. 130
 Countess Rose, three years, sire Headlight, Geo. Bothwell 100
 Lady Irene 2d of Maplewood, seven years, sire Baron Dudding, W. S. Hamilton, Clarksdale, Mo. 120
 Lizzie 2d of Maple Hill, six years, sire Baron Lavender, W. S. Hamilton 200
 4th Lizzie Maple, two years, sire Headlight, E. Hegland, Lancaster, Kan. 105
 Maple Josephine, three years, sire Headlight, K. D. Gigstadt, Lancaster, Kan. 120
 Maple Josephine 2d, two years, sire Magnet, Bartlett Herd Co. 145
 Maple Hill Ruby 4th, two years, sire Headlight, J. W. Tillman, Nashua, Mo. 110
 Flora Maple, three years, sire Geneva Champion of Maple Hill, K. D. Gigstadt 130
 Grace R., four years, sire Magenta, J. J. Kane 150

\$20

Chicago to New York
and return, via Erie R. R.

Good going August 28th and 29th and return until September 4th, stopovers allowed at Saegertown, Cambridge Springs, Pa.; Chautauqua Lake, N. Y., and Niagara Falls. Apply to your local ticket agent or

J. A. DOLAN, 555 RAILWAY EXCHANGE, CHICAGO.

Captain Maple, one year, sire Captain Andrews, Jno. Canady, Eagleville, Mo. 200
 32d Lady Maple, six years, sire Baron Lavender, and b. c., B. O. Cowan, Chicago, Ill. 100
 Abbie, four years, sire Roan Champion, and b. c., H. J. Hughes, Trenton, Mo. 100
 Maggie Sharon, two years, sire Magnet, K. D. Gigstadt 175
 Miss Rose 4th, two years, sire Headlight, E. Hegland 105
 Miss Rose 5th, one year, sire Headlight, Crow Bonta & Son, Shelby, Mo. 100
 5th Maple Hill Grace, two years, sire Magnet, J. W. Tillman 135
 Scottish Mary 5th, two years, sire 3d Earl of Wood Dale, Bartlett Herd Company 100
 Miss Rose 3d, two years, sire Headlight, and c. c., A. B. Hale, Cameron, Mo. 110
 Maple Ellerslie, two years, sire Magnet, K. D. Gigstadt 140
 Rosalie of Cloverdale, seven years, sire Headlight, and c. c., A. B. Hale 100
 Maple Hill Gazelle 11th, two years, sire Headlight, R. E. Mauphin 100

SUMMARY.

39 females \$6,420; average, \$164.61
 8 bulls 1,970; average, 246.25
 47 head 8,390; average, 178.51

William Smiley's Short-horn Sale.

The Short-horn breeders of the corn belt have reason to congratulate themselves over the condition existing throughout the middle West. The very successful sale of Mr. H. C. Duncan, of Osborn, Mo., August 15th, and the Flynn Farm sale of the 16th, and the successful sale held by Mr. Wm. Smiley on his farm near Malcom, Iowa, on the 17th, bear witness to the fact that the frightful heat of midsummer does not prevent lovers of Short-horns from being present at and purchasing desirable Short-horn cattle whenever and wherever offered. The crowd at the Smiley sale was not as large as at the sales held the two preceding days. However, the cattle were taken at good remunerative prices and at the close of the sale witnessed as equally satisfactory prices, breeding and quality of stock considered, as had been secured during the entire week. Col. Geo. P. Bellows did all the selling, assisted in the ring by Mr. James McIlrath, each of which labored industriously to secure the high dollars for the stock being offered. Contrary to the rule at the Flynn sale bulls were not in as good request as the females. Mr. James Duffus, of Malcom, was the heaviest purchaser of the Scotch cattle and secured the plums of the sale. It was rumored that Mrs. Duffus instructed her husband which ones to buy. However this may be, the splendid herd of Scotch cattle owned by Mr. and Mrs. Duffus were materially strengthened by these judicious purchases. Mr. N. A. Lind, of Rolfe, Iowa, and T. R. Silliman, of Colo., contributed much to the success of the sale. Mr. Smiley has a goodly number of young Short-horns left from which to propagate another herd. The following list of prices bear witness to how the cattle were appreciated and where they went. We append the buyers names and post office addresses of all who paid \$100 or over for their purchase:

FEMALES.

Imp. Daybreak's Princess, five years, sire Daybreak, N. A. Lind, Rolfe, Iowa \$220
 Princess B., one year, sire Nonpareil Conqueror, James Duffus, Malcom, Ia. 250
 Lady Narcissus 15th, two years, sire Victor Nonpareil, W. S. Vau Horn, Winterset, Iowa 170
 Lady Bruce 2d, eleven years, sire Pro Consul Emperor, S. A. Hunter, Iowa City, Iowa 105
 Lady Annie 16th, four years, sire Imp. Red Light and b. c., James Duffus 200
 Lady Annie 17th, two years, sire Victoria's Count, same 220
 Lady Annie 18th, one year, sire Victoria's Count, John Zertel, Malcom, Iowa 165
 Sunny Blink 12th, four years, sire Imp. Fancy's Pride, J. W. Frizzell, Brooklyn, Iowa 175
 Lady Bruce 10th, four years, sire Prince Mysie, J. B. Berbel, Malcom, Iowa 110
 Modiste, seven years, sire General, N. A. Lind 175
 Scottish Daisy 7th, seven years, sire Archduke of Maine Valley, Wm. Hall, Brooklyn, Iowa 120
 Scottish Daisy 9th, two years, sire Vic-

tor Nonpareil, J. B. Lang, Brooklyn, Iowa 100
 Clarice, three years, sire Victor Nonpareil, W. L. Van Horn 110
 Maurice, two years, sire Victor Nonpareil, R. P. Willett, Brooklyn, Iowa 100
 Victor's 2d Blue Belle, two years, sire Victor Nonpareil, H. G. Basch, Haverhill, Iowa 200

BULLS.

Bruce Nonpareil, three years, sire Victor Nonpareil, G. W. Roberson, Brooklyn, Iowa 100
 Knight of Sheridan, one year, sire Victor Nonpareil, S. A. Hunter 145

SUMMARY.

38 females sold for \$3,930; average, \$103.42
 4 bulls sold for 347; average, 85.00
 42 head sold for 4,277; average, 101.55

Earles' Short-horn Sale.

The initial sale of Burwood Short-horns held on Tuesday, August 7th, brought out a large number of the most prominent breeders of the country. Dr. Earles had selected for this, his first annual, sale a fine lot of cattle and they were appreciated by the breeders present. While no high prices were paid, satisfactory returns indicated that the demand for good Short-horns prevails throughout the entire country. The Flynn Farm Company, of Des Moines, Iowa, topped the offering, paying \$730 for the six-year-old Scotch cow, Sapho. Col. F. O. Lowden, of Oregon, Ill., secured Golden Coin, a five-year-old Scotch cow, at \$435, and was a persistent bidder on many of the best lots. Mr. Frank Harding, of Waukesha, Wis., secured the Marr-Emma cow, Walnut Hill Emma, with heifer calf at foot by Scottish Victor, at \$425, and was a liberal bidder throughout the entire sale. Mr. W. I. Wood, of Williamsport, Ohio, secured the Scotch cow, Rosa Fame 2d, with fine bull calf at foot by Lovat Champion, at \$255. Messrs. Carpenter & Ross, of Mansfield, Ohio; Mr. H. F. Brown, of Minneapolis, Minn.; and Mr. A. Chrystal, of Marshall, Mich., were liberal bidders and did much toward making the sale a success. The bull offering was topped by Dr. B. O. Nobles, of Milwaukee, Wis., who paid \$205 for Nonpareil of Sunnyside, a four-year-old son of Imp. Nonpareil Victor. Colonels Bellows, Jones, Barclay and Walker conducted the sale in a very satisfactory manner. Below is found a list of animals selling for \$100 or over:

FEMALES.

Sapho, calved Feb. 16, 1900; sire Prince Armour, Flynn Farm Company, Des Moines, Iowa \$730
 Imp. Roan Ruby 36th, calved March 8, 1901; sire Mountain Archer, C. E. Anderson, Sherry, Wis. 390
 Golden Coin, calved, Aug. 24, 1900; sire Imp. Banker, F. O. Lowden, Oregon, Ill. 435
 Walnut Hill Emma, calved Feb. 23, 1901; sire Orange Boy, and h. c., F. W. Harding, Waukesha, Wis. 425
 Coleus, calved March 15, 1901; sire Victor Royal, H. F. Brown, Minneapolis, Minn. 260
 Imp. Sweet Bouquet, calved April 14, 1900; sire Imp. Lovat Champion, C. E. Anderson 365
 Roan Beauty 2d, calved March 30, 1893; sire Indian Statesman, A. Chrystal, Marshall, Mich. 160
 Village Maiden, calved April 15, 1900; sire Royal George, and b. c., W. I. Wood, Williamsport, Ohio 230
 Britannia 50th, calved March 4, 1900; sire Duncan Stanley, and h. c., Thomas Tormey, Fennimore, Wis. 245
 Glenfolys Duchess of Gloster 2d, calved March 30, 1902; sire Imp. Scotch Fame, and b. c., Carpenter & Ross, Mansfield, Ohio 350
 Victoria Sharon 5th, calved Feb. 5, 1897; sire Grand Victor, and b. c., J. H. Fox, Oregon, Wis. 150
 Cerry Lass, calved, Jan. 9, 1904; sire Ceremonious Archer, S. M. Quaw, Wausau, Wis. 200
 Rose of Autumn 8th, calved Jan. 1, 1903; sire Blood Royal, P. R. Stoeffel, Lancaster, Wis. 365
 Scottish Lady, calved Feb. 4, 1899; sire Young Knight, Jerome Hurley, Mount Carroll, Ill. 160
 Sunflower, calved June 1, 1902; sire Imp. Scotch Fame, and b. c., Dr. B. O. Nobles, Milwaukee, Wis. 120

Secret Sultana 13th, calved May 5, 1903; sire Victor Brawith, F. O. Lowden....	195
Blanche's Bloom, calved Jan. 25, 1901; sire Orange Victor and h. c., H. F. Brown....	170
3d Duchess of Rosedale, calved Sept. 25, 1898; sire Knight of the Thistle, Flynn Farm Company.....	150
Rean Rosemary, calved May 29, 1902; sire Royal Banner, H. F. Brown.....	400
Rosa Fame 2d, calved Oct. 15, 1898; sire Imp. Royal Member, and b. c., W. I. Wood.....	525
Lady Winifred 3d, calved May 24, 1902; sire Prince Arthur, H. F. Brown.....	135
Badger Queen 2d, calved Feb. 12, 1903; sire Gloster Knight, Thomas Tormey....	130
Cleopatra 1th, calved Nov. 6, 1900; sire British Sailor, F. O. Lowden.....	210
Georgiana, calved March 30, 1902; sire Demonstrator, and b. c., Dr. B. O. Nohles.....	125
Lady Arabella, calved May 27, 1899; sire Pride of Wisconsin, and b. c., A. Bennett, Kansasville, Wis.....	200
Maid of Time, calved Jan. 1, 1901; sire Prince Cruickshank, A. Chrystal.....	165
Urybello of Glenfoyle, calved Jan. 17, 1902; sire Imp. Ury Prince, and h. c., W. E. Bollman, Lime Springs, Iowa....	160
Pearl Lass, calved July 28, 1903; sire Scotch Goldust, same.....	125
Oxford Lady, calved March 26, 1900; sire Brough's Chief, same.....	125
Valley Rose 2d, calved Nov. 27, 1900; sire Sawyer, same.....	115
Carrie 2d, calved May 8, 1897; sire Pride of Wisconsin, and b. c., A. Chrystal....	150
Victoria Bracelet, calved Aug. 7, 1900; sire Grand Victor, W. I. Wood.....	105
Violet, calved May 29, 1901; sire Starlight, and h. c., Dr. O. A. Strauss, Milwaukee, Wis.....	105
Levat's Beauty, calved Oct. 31, 1904; sire Imp. Levat Champion, A. Chrystal....	100
Lillian Archer, calved Nov. 4, 1904; sire Mystic Archer, C. E. Anderton.....	150

BULLS.

Nonpareil of Sunnyside, calved Oct. 31, 1902; sire Imp. Nonpareil Victor, Dr. B. O. Nohles.....	205
Village Clerk, calved April 29, 1901; sire Derby, Dr. O. A. Strauss.....	100
Golden Chief, calved April 24, 1905; sire Mystic Archer, J. G. Roberts, Lime Springs, Iowa.....	145

SUMMARY.

38 females sold for....	\$3,405;	average....	\$221
6 bulls sold for.....	655;	average....	109
44 animals sold for....	9,060;	average....	206

McGavock's Good Short-horn Offering.

The grand lot of Short-horn cattle sold at Geneva, Neb., by the well-known sale manager, Mr. W. C. McGavock, of Springfield, Ill., was possibly as strong an offering of females as we will see sold in the state this season. The offering consisted of pure Scotch and Scotch-topped cattle. Mr. McGavock selected as strong an offering as you would wish and the buyers were treated to some real bargains in the female offering. The Scotch cattle were not selling for near their value. The sale made the average of \$117.50 on entire lot. The top price of the sale was \$260 for the good bull, Bapton Gloster, got by Bapton Sovereign and out of an Imp. 12th Duchess of Gloster cow. The bull was taken by the well-known breeder, Mr. E. J. Hayes, of Hampton, Neb. Mr. Hayes will use him at the head of his royally-bred cattle. The lot of bulls included in the sale were ready sellers at good prices and outsold the females very much, although the females were a very much stronger lot and deserved better prices. The crowd was out for bulls and they got them. The sale was somewhat handicapped by a severe rain storm which lightened the bidding. Col. T. C. Callahan officiated on the block and did his usual good work. He was assisted in the ring by Col. Ray Page, of Friend, Neb., and Colonel Porter, of Geneva. Mr. McGavock is to be congratulated on the offering brought to Nebraska. Below we give a list of sales of \$100 or over:

No.	Name	Price.
1	E. J. Hayes, Hampton, Neb.....	\$260.00
2	J. Westrope, Harlan, Iowa.....	117.50
4	Same.....	150.00
5	Same.....	152.50
8	H. Henderson, Strange, Neb.....	125.00
10	Geo. Hens, Cadams, Neb.....	122.50
11	C. M. Ball, David City, Neb.....	132.50
13	W. Hawkins, Beaver Crossing, Neb.....	100.00
14	Same.....	110.00
15	L. M. Tindall, Bradshaw, Neb.....	105.00
18	W. Hawkins.....	127.50
20	H. Henderson.....	125.00
21	F. M. Hall, Friend, Neb.....	162.50
22	R. W. Becker, David City, Neb.....	120.00
23	Geo. Colgan, Grafton, Neb.....	122.50
24	R. W. Becker.....	130.00
26	J. Westrope.....	145.00
27	W. Hawkins.....	152.50
28	Link Chestnut, Geneva, Neb.....	102.50



Save Your Clover Seed

Make a clean profit of one bushel of seed more per acre by using

THE AMERICAN BUNCHER.

Pays for itself in cutting five acres of clover. After that, all profit. A simple device, easily attached to any mower. Lasts a life time. Equally good on any crop cut with a mower. Does away with the rake. Handles the crop carefully. Rakes it clean. Write for catalog.

The American Buncher Mfg. Co.
Indianapolis, Ind.

30 C. S. Thompson, Geneva, Neb.....	142.50
31 E. Barnes, Geneva, Neb.....	175.00
33 J. Westrope.....	142.50
34 Chas. Parquobson, Friend, Neb.....	125.00
34 Geo. Colgan.....	100.00
36 H. Henderson.....	130.00
37 Geo. Miles.....	100.00
38 F. L. Bloesi, Fairmount, Neb.....	130.00
39 H. Phillipson, Hickman, Neb.....	125.00

Belcher's Dispersion Sale.

The dispersion sale held by Mr. G. L. Belcher, at Carrollton, Mo., on August 16th, drew a goodly number of horse men from over Missouri and a few breeders of Short-horns. The attendance of Mr. Belcher's neighbors and many friends was good and they bought the large end of the stock. Had Mr. Belcher selected a later date a larger attendance of breeders from a distance might have resulted, but as his beautiful home at Walnut Ridge had been sold and as Mrs. Belcher's health calls for a change of climate at once Mr. Belcher was forced to make the sacrifice just at a time when his years of labors as a breeder were about to show returns in accordance with his labors. The interest in the horse sale held in the forenoon was good, bidding was freely indulged in and the prices were satisfactory to Mr. Belcher. Twenty-one head sold for \$3,000. The brown stallion, Mac B., topped the sale at \$360, going to Mr. S. W. Brady, of Orrick, Mo. Other sales were as follows:

Simmonaliss, br. m., W. E. Thomas, Bogard, Mo.....	\$190.00
Colebrity, br. g., Ed. Allamang, Tina, Mo.....	207.50
Mary Magdalene, ch. m., E. F. Dawson, Carrollton, Mo.....	165.00
Lucy Snow, ch. m., N. Williams, Lone Tree, Mo.....	167.50
Eilly Ba Hoy, h. g., W. E. Hudson, Carrollton, Mo.....	155.00
Norvallis, b. f., L. Stout, Mound City, Mo.....	105.00
Celest, blk. m., A. L. Lyon, Carrollton, Mo.....	100.00
Caleb, cb. g., E. W. Kimball, Carrollton, Mo.....	160.00
Calhoun, hr. g., W. R. Turner, Plymouth, Ill.....	130.00
Carroll, br. g., same.....	120.00
Algomah, h. g., R. L., Plummer, Hale, Mo.....	162.50
Northwest, b. g., Ed Allamang.....	115.00
Madge, ch. m., Alex Turner, Carrollton, Mo.....	140.00
Madaline, ch. f., E. F. Dawson.....	112.50
Martha, ch. f., W. F. Belcher, Carrollton, Mo.....	150.00
Lucy Snow, ch. m., N. Williams.....	167.50
Minnie Hudson, ch. f., W. C. Cowherd.....	152.50
Eilly Hudson, ch. c., N. Williams.....	105.00

In the afternoon the Short-horns were sold and went largely to Mr. Belcher's neighbors. The prices were hardly what Mr. Belcher had reasons for expecting. The top price was \$120 paid by Mr. C. F. Dickinson, of Bogard, Mo., for the hull, Gold Coin. Mr. H. C. Duncan, of Osborn, Mo., who was a liberal bidder and helper, secured the top female, Ruth Simplicity. Among the other buyers were J. S. Settles, Carrollton; Thomas Mitchell and Son, Bosworth, Mo.; W. E. Thomas, Bogard, Mo.; A. R. Carey, Carrollton; W. O. Miller, Carrollton; H. Cowherd, Carrollton; W. C. Cowherd, Rhodes, Mo.; Herbert Scott, Carrollton; A. L. Lyon, Carrollton; R. D. Miles, Norbourne, Mo.; J. B. Stanley, Carrollton; Sam Reed, Carrollton, and L. D. Minnis, Norbourne, Mo.

The Trone Sale.

There was a good sprinkling of outside breeders at the sale at Willow Stock farm near Rushville, Ill., August 14th, but the bidding was very weak and uninspired and while the average was very satisfactory there were a number that went at ridiculously low prices. The following is a list of a few of the sale:

No.	Name	Price.
1	F. M. Myers, Eldora, Iowa.....	\$100.00
2	Geo. Mead, Rushville.....	38.00
3	McNeil Bros., Bowen, Ill.....	30.00
5	Peter Schenck, Yates City, Ill.....	85.00
6	Ed Edmonson, Newark, Texas.....	70.00
7	Peter Schenck.....	31.00
14	W. H. Shoup, Augusta, Ill.....	36.00
25	Turner Abel & Son, Rochester.....	50.00
25	J. B. Davis, Fairview, Kan.....	70.00
26	W. T. Harris, Morganfield, Ky.....	190.00
27	Geo. Mead.....	36.00
28	O. E. Knight, Whitehall, Ill.....	26.00
29	Mr. Lee, Rushville.....	26.00
36	Thomas & Hogsett, Golden, Ill.....	67.50
37	W. E. Brown, Cambridge, Kan.....	42.50
39	Harry Rieggen, Petersburg.....	26.00
43	R. J. Harding, Macedonia, Iowa.....	50.00
50	M. W. Greer, Rushville.....	40.00

Gardner Dispersion Sale.

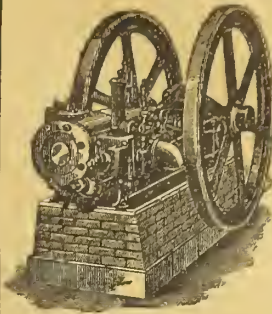
A good attendance at the dispersion sale of the Baby Beef herd of Aberdeen Angus cattle, the property of Mr. C. H. Gardner, of Blandinsville, Ill., which occurred on Tuesday, August 14th, at Galesburg, Ill., witnessed one of the most important events in Angus history. The offering was topped by Mr. F. L. Sullivan, of Afton, Iowa, who secured the two-year-old son of the champion, Rosegay, Vala's Rosegay 63745, at \$2,000. Mr. Sullivan is to be congratulated upon securing this good bull, and the coming shows will no doubt see many ribbons tied on this bull, if shown. Messrs. M. P. & S. E. Lantz, of Carlock, Ill., topped the female portion, paying \$615 for the imported Erica cow, Imp. Equality of Heatherton. Mr. E. T. Davis, of Iowa City, Iowa, secured a bargain in the imported Erica cow, Imp. Environ of Finlaring. Colonels Jones and Igo conducted the selling in a satisfactory manner, and were ably assisted in the ring by Messrs. McGavock and Judy. Below is found a list of animals selling for \$100 or over:

FEMALES.

Rose of Emerson 3d, eleven years, sire Jim Jams, Otto Schnatterly, Colchester, Ill.....	\$ 205
Key of Chicago 2d, two years, sire Rose's Earl, F. L. Sullivan, Afton, Iowa.....	430
Key of Chicago 3d, one year, sire Vala's Rosegay, W. A. McHenry, Denison,	

TWO ENGINES FOR SALE

One twelve-horse "Standard" gasoline and one thirty-horse Frost automatic steam engine, both in A1 condition and will be sold at a bargain. The gasoline engine is complete with all accessories, including one fifty-gallon gasoline tank, one large water circulating tank, one burner tank, one Bunson burner, one exhaust box, spark plug, spark coil and switch, six-cell battery, wire, etc.; also a complete set of sight feed oilers. This engine is adapted for every purpose where power is required. The gasoline is pumped automatically and controlled by a needle valve, the surplus gasoline returning by gravity to the supply tank. A sight feed shows the operator the amount of gasoline supplied at all times. The governor is of the ball pattern, providing positive control and uniform speed. The speed may be varied from twenty-five to fifty revolutions without stopping the engine for adjustment. This engine is practically new and in first-class condition in every way; was built by the Des Moines Gas Engine & Electric Co., Des Moines, Iowa, from whom parts and supplies may be obtained at any time. The steam engine is a Frost, automatic, slide crank, 8x12, left hand, rated thirty horse power, speed 250 revolutions per minute. Fly-wheel drive, 48x10; three-inch throttle; outboard bearing with adjustable sole plate. This engine is in prime condition, will operate on a 2 per cent variation and would be suitable for helted generator or any other service where steam power can be employed. Also advantage and will soon save its cost in connection with the above engine. Address for price and full particulars,



Homestead Co., Des Moines, Iowa

Iowa.....	250
Key of Chicago, eleven years, sire Zaire 8th, D. K. Robinson & Son, Madison, Neb.....	300
Pride of Estill 5th, eight years, sire Entwistle, same.....	330
Earl Pride, one year, sire Rose's Earl, F. L. Sullivan.....	200
Vala's Rosegay Pride, one year, sire Vala's Rosegay, L. McWhorter, Aledo, Ill.....	110
Imp. Environ of Finlaring, seven years, sire Eolide, E. T. Davis, Iowa City, Iowa.....	400
Imp. Equality of Heatherton, four years, sire Echevin, M. P. & S. E. Lantz, Carlock, Ill.....	615
Environ 3d, one year, sire Rose's Earl, F. L. Sullivan.....	505
Equality 2d, five months, sire Vala's Rosegay, Bridgeford & Nesbitt, Aledo, Ill.....	120
Imp. Envy 2d of Drummin, seven years, sire Essex of Minmore, M. P. & S. E. Lantz.....	420
Ervito, four years, sire Princee Ito, E. T. Davis.....	350
Envito 2d, one year, sire Key, L. McWhorter.....	305
Barbara P. 3d, thirteen years, sire Lengthy Duke, L. J. Hazen, Galesburg, Ill.....	200
Barbara G., one year, sire Vala's Rosegay, Geo. Kitchen, Jr., Gower, Mo.....	260
Jessie Rosegay, two years, sire Barbara's Rosegay, F. G. Lewis, Blandinsville, Ill.....	100

BULLS.

Rosegay 2d, two years, sire Gay Lad, E. R. Scott & Son, Plymouth, Ill.....	300
Rose's Earl, four years, sire Kerera of Estill, C. J. Andrews, Smithshire, Ill.....	210
Intensified, one year, sire Elastica, Geo. Kitchen, Jr.....	175
Vala's Rosegay, three years, sire Rosegay, F. L. Sullivan.....	2,000
Key, three years, sire Barbara's Rosegay, Parrish & Miller, Hudson, Kan.....	400
Equalize, two years, sire Rose's Earl, E. T. Davis.....	240
Echoito, two years, sire Keep Your Eye on Chicago, Wilmer N. Foster, Stone Bluff, Ind.....	240
Envoy 3d, one year, sire Vala's Rosegay, Geo. Thornton, Millersburg, Ill.....	285

SUMMARY.

42 females sold for \$6,680.00;	average..	\$159.00
13 bulls sold for 4,127.50;	average..	317.75
54 head sold for....10,807.00;	average..	201.00

THE IOWA LIMITED.

The Rock Island lines showed a great deal of tact and cleverness in naming their new "Fast Express" to Chicago "The Iowa Limited."

This train places the Rock Island competitors in the "hack row" and is Des Moines' "pet train."

Leaves Des Moines 10:55 p. m., arrives Chicago 8:15 a. m. On the return leaves Chicago 10:00 p. m., arrives Des Moines 7:00 a. m.

The equipment is superb—new coaches and chair cars, Pullman's latest sleepers and mission style diners—electric lighted. While on the subject of trains we must mention the other good trains.

The Chicago local leaves Des Moines at 6:45 a. m. and arrives in Chicago at 7:35 p. m.

The Rocky Mountain Limited leaves Des Moines at 7:50 a. m. and arrives Chicago at 5:15 p. m.

The Colorado Fast Mail leaves Des Moines at 12:40 noon and arrives Chicago at 10:25 p. m.

The Chicago Express leaves Des Moines at 5:25 p. m. and arrives Chicago at 7:00 a. m. The Eastern Express leaves Des Moines at 9:35 p. m. and arrives Chicago at 7:17 a. m. Coming back from Chicago it is just as you desire it.

Leave Chicago.	Arrives Des Moines.
7:30 a. m.	9:00 p. m.
8:30 a. m.	6:00 p. m.
10:00 p. m.	7:00 a. m.
10:32 p. m.	9:00 a. m.
11:30 p. m.	11:00 a. m.
2:15 a. m.	11:00 a. m.

The arrangement for sleeper Chicago to Des Moines on "Fast Mail" train leaving Chicago at 2:15 a. m. is especially made for those who desire to take in the theater and

LOW ONE-WAY RATES VIA UNION PACIFIC FROM Missouri River Terminals (KANSAS CITY TO COUNCIL BLUFFS, INCLUSIVE) EVERY DAY

SEPT. 15, TO OCT. 31, 1906.

\$25.00	to San Francisco, Los Angeles, San Diego, and many other California points.
\$25.00	to Everett, Fairhaven, Whatcomb, Vancouver and Victoria.
\$25.00	to Portland, Astoria, Tacoma and Seattle.
\$25.00	to Ashland, Roseburg, Eugene, Albany and Salem, including So. Pac. branch lines in Oregon.
\$22.50	to Spokane and intermediate O. R. & N. points to Wenatchee and intermediate points.
\$20.00	to Butte, Anaconda, Helena, and all intermediate main line points.
\$20.00	to Ogden and Salt Lake City, and intermediate main line points.

For full information inquire of

J. W. TURTLE, G. P. A.,
313 W. Fifth St.,
DES MOINES, IOWA.

get home before noon the next day. The sleeper is open for occupancy at 10 p. m. There is nothing too good for Des Moines people and the Rock Island lines are surely giving them what they want.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and Iron Mountain Route will sell round trip tickets to points in Texas and Louisiana for \$20.00 from St. Louis and \$25.00 from Chicago on the first and third Tuesday of each month. Proportional low rate will apply from other points; also one fare plus \$2.00 to points in Indian Territory, Arkansas and Missouri, and \$25.00 from Chicago to Pueblo, Colorado Springs and Denver with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory which are limited to thirty days, stop-overs going and returning.

Mexico: Less than one fare for the first and third Tuesday. On certain dates, one fare, long limit, stop-overs going and returning.

California: One fare for the round trip on sale certain dates.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2.00, good thirty days, on sale daily.

Remember the Missouri Pacific Ry. and Iron Mountain Route reaches the principal points in the above named states without change of cars.

For descriptive literature and other information, address Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Sept. 20, A. F. Russell, Savannah, Mo.
 Sept. 20, A. W. H. Orr, Lorrimer, Iowa.
 Sept. 20, A. F. Russell, Savannah, Mo.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Sken, South Auburn, Neb.
 Sept. 26, Peck & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 26, W. A. Craver & Son, Fillmore, Ind.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, John Weighthon, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sberwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Osborn, Weston, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, E. Z. Russell, Blair, Neb.
 Oct. 9, August Voge, Portsmouth, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Betbany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Groat, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelby, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Alldritt, Friend, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Skinner & Welch, Bedford, Iowa.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. G. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manila, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claud Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Norris & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, Harry Rigin and C. T. Rogers, at Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Charleston, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 28, Albert McMahon, Craig, Neb.
 O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Sept. 7, Combination sale, D. J. Cronin, Mgr., O'Neill, Neb.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. Jones, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Grabam, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 23, T. A. Davenport, Belmont, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
 Oct. 26, A. P. Fuhrmeister, Cburdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Selby County Breeders' Ass'n at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 HEREFORDS.
 Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 POLAND CHINAS.
 Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 29, Fred Road, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Mece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Nov. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Jas. Watson, Madrid, Iowa.
 Feb. 12, Dan Needham, Woodward, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.

ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.

Sept. 14, Combination Sale, J. F. Schoby, secretary, Algona, Iowa.

SHORT-HORNS AND POLAND CHINAS.

Oct. 27, Geo. Manville, Faucett, Mo.

ABERDEEN ANGUS.

Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 May 23, C. J. Martin, Churdan, Iowa.

POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.

Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

SHROPSHIRE SHEEP.

Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

SHORT-HORN CATTLE AND TROTTER-BRED HORSES.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.

Oct. 22, L. C. Reese, Prescott, Iowa.

POLLED DURHAMS.

Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.

STANDARD BRED AND DRAFT HORSES.

Sept. 26, McNeil Bros., Bowen, Ill.

DUROCS AND SHORT-HORNS.

Oct. 27, A. P. Alsin, Boone, Iowa.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.

FIELD NOTES.

Hereford bulls are offered for sale by Mr. B. F. Clark, of Albia, Iowa.

Large Yorkshires are offered for sale by Mr. F. Rabaler, of Leigb, Neb.

Mr. J. D. McDermott, of Anita, Iowa, offers a few richly-bred Scotch bulls for sale.

Mr. Geo. H. Miller, of Harlan, Iowa, will hold a public sale of Short-horn cattle on February 6th.

Some splendid young Aberdeen Angus bulls are offered for sale by Messrs. White Bros., of Perry, Iowa.

Look out for Mr. M. S. Moats, of Randolph, Neb., and his herd of Durocs at the Nebraska State Fair.

Mr. J. W. Reynolds & Son, of Defiance, Iowa, will be at the Iowa State Fair with a nice bunch of Durocs.

Messrs. Norrish & Bevington, of Kingsley, Iowa, are offering three good Duroc boars for sale that are herd headers.

October 25th is the date set by Messrs. Rice & Lindsay, of Clarion, Iowa, for a public sale of Short-horn cattle.

Mr. T. T. Spicer, of Ridgeway, Mo., is offering a 160-acre improved farm for sale in his advertisement on page 16 of this issue.

Mr. F. H. Long, of Manning, Iowa, is now booking orders for the "big" Poland Chinas. Read his advertisement on page 26 and write him for a pig.

Mr. H. E. Mayhew, of Letcher, S. D., is offering farms for sale located in Sanborn county, of that state. His advertisement appears on page 17.

The Butler Land Company, of Butler, Mo., announces on page 17 that they have bargains in Butler county farm lands. Write them for their list.

Eighty nice Duroc Jersey pigs at most reasonable prices and from the most popular blood lines are offered for sale by Mr. W. A. Peterson, Lyons, Neb.

Mr. D. J. Wilson, of Bloomfield, Neb., is offering for sale a half section of land situated six miles northeast of Crookston. His advertisement appears on page 16.

A highly improved Oceola county, Iowa, farm, consisting of 240 acres, is offered for sale by Mr. W. D. Creglow, of Remsen, Iowa, in his advertisement on page 16 of this issue.

Sixty thousand acres of choice alfalfa land in the Texas Panhandle, close to railroad, are offered for sale on easy terms by the Butler Land Company, of Butler, Mo. For further information, write them.

A ninety-nine-acre improved Iowa farm located adjoining the city of Bloomfield is offered for sale by Mr. L. H. Bates, of that place, on terms to suit buyer. His advertisement appears on page 16 of this issue.

Nettie Crane, proprietress of the Bob White poultry farm, of Blencoe, Iowa, is offering Single Comb Buff Orpington eggs and Single Comb Brown Leghorn eggs for sale in her advertisement on page 10 of this issue.

Cement posts ought to "set" thirty days before planting. Hence, it is important to get catalog of molds from Equitable Specialty Company, 714 I. L. & T. Bldg., Des Moines, Iowa, now. See advertisement on page 5.

Mr. O. E. Osborn, of Weston, Iowa, and Mr. R. J. Harding, of Macedonia, Iowa, owners of the great Duroc Jersey boar, Ohio Chief, will be in evidence at the Iowa State Fair next week and desire to have all the breeders call around and see them.

One of the best 240-acre stock farms in the state of Iowa is offered for sale by Mr. Frank Blissell, of Dexter, Iowa. It is well improved and is only two and one-half miles from town. It must be sold and therefore can now be bought for \$60 per acre.

It is cheap and the man that gets a move on him will get a bargain. Mention this paper when writing. See page 17.

It is announced on page 17 by the owner, Mr. Benj. Lammers, of Lockwood, Mo., that the Red Bird Stock Farm, consisting of 160 acres, is for sale. If you wish to buy a good stock farm this is an opportunity that should not be overlooked.

Mr. L. O. Hailey, of Ava, Mo., announces that he will sell a 160-acre \$4,000 farm for \$2,500, in his advertisement on page 16. The farm is quite fully described in the advertisement, but for the asking Mr. Hailey will send complete description, pictures, etc.

The advertisement of the Edgeton Kennels, of Manson, Iowa, offering thoroughbred Scotch Collie pups and brood bitches for sale appears on page 10 of this issue. They also have Duroc Jersey and Chester White pigs and bred sows and fancy chickens for sale.

Mr. Wm. Lampmann, land and immigration agent for the Oregon Short Line R. R. Co., at Omaha, Neb., requests of this paper to write him for full information about Idaho irrigated lands. His advertisement containing blanks to fill out for this purpose appears on page 16 of this issue.

The Lembi Land Company, of Salmon, Idaho, are offering irrigated farms, both large and small, for sale in their advertisement which appears on page 16 of this issue. It will be to the interest of the readers of this paper who are contemplating locating in the West to look up this advertisement.

Mr. J. D. S. Hanson, of Hart, Mich., states that Oceana is one of the most productive counties of Michigan. He has farms for sale ranging in price from \$10, \$20, \$30 to \$50 per acre of all sizes and will sell them on easy terms. Write him for his list. His advertisement appears on page 17.

Homestead readers who wish to prepare for flowers next spring should read the advertisement of the Jewell Nursery Company, of Lake City, Minn., which appears on page 11 of this issue. They are ready to send out their autumn catalog of tulips, hyacinths, narcissus, crocus, jonquils, and a full line of imported bulbs.

Messrs. A. L. and U. S. G. Lynch, of Mt. Airy, Iowa, write us that they will reserve all their Ohio Chief pigs for their public sale October 15th. They now offer for sale their herd boar, Corneracker 14205. He is a good breeder and they have a nice crop of pigs from him. They will be at the Iowa State Fair, where they will be pleased to see their customers and friends.

We are informed that no material damage was done by the recent fire at the Omaha Commercial College. It will in no way interfere with the operation of the school. Prompt action on the part of the fire department prevented a serious blaze; but for its efficient work one of the most beautiful structures in Omaha might have been burned. Students will find everything in perfect order when the fall term opens, September 3d.

We note that Messrs. E. L. Nagle & Son's, Deep River, Iowa, herd is doing nicely. Sales have been very satisfactory and everyone pleased. Messrs. Nagle will be ready to meet all their old customers as well as any new friends at the Iowa fair next week. They will be found in barn 4, pens 151 to 158. Better look them up and see the kind raised by them—twenty-five to look over. Chester fanciers will find them on hand with good stuff. On page 23 is the advertisement.

Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, breeders of Duroc Jersey swine, in sending in copy for advertisement found on page 23, write: "We have about 100 spring and fall male pigs for the trade this fall by American Royal and fifteen other leading sires. The spring pigs are all early March farrow and well grown. Also a good lot of yearling Hereford bulls. We show Herefords and Durocs at Des Moines, Hamline and Interstate fairs. Would be pleased to meet our friends and patrons."

Mr. F. M. Huff, of Afton, Iowa, a breeder of Duroc Jerseys, has a nice lot of youngsters coming on for the fall trade. Mr. Huff has an Ohio Chief boar at the head of his herd that undoubtedly will do good. He has length and bone to suit, and appears in a thrifty condition. While the Grand View herd is not a large one it speaks well for its owner. Mr. Huff is not the oldest Duroc farmer in the business, but he has the right idea. At a future date his advertisement will appear.

The following from Mr. Jas. H. Robinson, of Harper's Ferry, W. Va., to the Lawrence-Williams Company, of Cleveland, Ohio, in regard to the efficacy of Gombault's Caustic Balm in case of snake bite, is to the point: "Would say I have used your Gombault's Caustic Balm for snake bite and it has given me much satisfaction, and would say as a liniment I have never found anything to equal it. I most highly recommend it to any and all who have stock of any kind. I will say again any person having stock cannot afford to be without it."

The Cruickshank bull, Baron Foxglove (a Brawith Bud), will be at the Iowa State Fair and for sale. This splendid son of Imp. Fancy's Pride is offered for sale by Mr. E. R. Silliman, of Colo, Iowa, his owner. He is a rich roan, in breeding fix only, as he has been in heavy service all season. Mr. Silliman is taking this fellow to the state fair, where those looking after choice herd bulls can have the opportunity to see him and pass judgment. He is priced cheap and our readers will do well to keep this in mind. The announcement appears on page 23.

On October 3d, Messrs. Watson Bros., of Creston, Iowa, will sell forty-five head of Duroc Jersey boars, gilts and brood sows with litter, and it is one of the best offerings the boys have ever made. There will be fifteen boars in the sale, the pick of this season's raising, and there are pigs here that will and should go to the head of good herds. There will be one choice boar and two gilts by the great prize-winning boar, Keep On and two good gilts by Proud Advance. They also sell two good boar pigs and one gilt by Addy's Choice Goods, and will also include a couple of boars and a gilt by Harding's Proud Advance. Several of the young boars will be

sired by a son of Proud Advance, and a grandson of Echo King. Some of the matured sows will be sired by old Parnell Banner and Red Lark and will have litters of pigs at side. It will be a good offering and the breeders should remember to attend their sale. See the boys at the Iowa State Fair and they will take pleasure in showing you a bunch of their pigs.

Messrs. J. Crouch & Son, proprietors of the Lafayette Stock Farm, of Lafayette, Ind., write that they have just recently imported a large number of high-class German coach, Percheron and Belgian stallions, making the number imported in the last six months 308 head, which they claim is more than any one firm, and with but one exception, twice the number imported by any firm in the same length of time. Among the last importation are prize winners in Europe and they advise us that they can show prospective buyers the largest number of stallions ever offered by one firm.

On November 27th Mr. Delmar, McCann, of Kennard, Neb., will make a public sale of Short-horn cattle at his home farm, at which time he will sell forty head of imported Cruickshank, Canadian-bred and Scotch-topped cattle. Included in this sale will be a choice lot of cows and heifers, and a good bunch of young bulls. It will be an offering that should attract breeders, as there will be some very choice things in the sale. In due time we will have more to say about the sale, but breeders should keep it in mind, therefore it will be a good place to buy good cattle.

The proposition placed before the readers of this paper in the advertisement of Mr. E. C. Williams, cashier of the Dalhart National Bank, Dalhart, Texas, is one that it seems to us should be very attractive to any reader contemplating moving to a warmer climate. Mr. Williams has two sections of rich, level prairie land, located near a city of 3,000 people, that he is offering for sale at a very low price and on terms, stated in the advertisement, which are very reasonable. It will pay the interested reader to refer to the advertisement on page 17 and after reading it write Mr. Williams for further particulars.

Mr. W. F. Hooker, of Northboro, Iowa, one of the representative Percheron breeders in southwest Iowa, showed a nice bunch of mares, stallions and colts at the Shenandoah fair last week and got the following premiums: First on mare and her produce; first on yearling filly; first on yearling stud colt, and first and second in suckers. He also got second on grade stud colt. At the head of his stud is Veranger 48918, a horse imported by Mr. M. L. Ayres, of Shenandoah, Iowa, and he has proven himself to be a great breeder. Mr. Hooker has a good bunch of mares and is meeting with success in being able to produce a lot of winners.

Mr. Harman Gruver, of Brewster, Minn., one of the foremost Duroc Jersey breeders in that state, writes as follows: "My pigs have done exceptionally well. They have not been stuffed or pampered, but have had the run of a clover pasture. Some of my best stuff was sired by Gruver's Orion, the sire of the harrow I won second on at the International Live Stock Show last year, and he himself won second at the Minnesota State Fair in class and was only in breeding condition. I predict he will do no worse this year. When it comes to length, bone, depth and color he certainly has these qualities, and transmits them to his offspring." Mr. Gruver has a grand good bunch of hogs. We have seen them and we can recommend them to readers of The Homestead. Write him and get his price on a good pig.

On page 23 in this issue will be found the announcement of Rookwood Berkshires owned by Prof. C. F. Curtiss, of Ames, Iowa. This is Professor Curtiss' own personal property, maintained on his own farm several miles distant and entirely separate from the I. A. C. farm. Professor Curtiss is offering for sale a choice lot of early spring hogs and gilts of superior breeding and of unusual size and quality. He is also offering for sale two splendid Scotch-bred Short-horn hogs from six to ten months old. Some of these pigs offered for sale were sired by the prize-winning hog, Royal Majestic, the \$450 boar at the head of the Ardmore farm herd, while the grandsire of these choice pigs is Premier Duke 2d. Some of these pigs are out of exceptionally large smooth sows, weighing 550 pounds each. Certainly this is an opportunity to secure some gilt-edged Berkshire blood from a very reliable breeder and one of the best judges of live stock in America. Mr. John W. Ogle is manager of the Rookwood farm and is a very practical, painstaking man. All correspondence should be addressed to Rookwood farm, Ames, Iowa.

There are two classes of people in the north central states who are looking for lands outside their immediate vicinity. The young man who is the coming home builder of the country is casting about to find the best portion of the continent in which to settle and build his fortune and rear his family. This young man wants cheap lands and long terms, which combination will enable him to work out his fortune and become independent in his later years. The other class of citizen who is casting about for land is the investor; he is looking for a location where lands will rise in value, not necessarily at a rapid pace, but he wants to be assured that the rise will come; although it may be gradual it must be sure. There are thousands of these two classes to be found in the central states at this time; trains going west and north and south are loaded with them, all possessing the same idea—to get good land cheap. Some of them accomplish their purpose and others make a dismal failure of their attempt to find a home or fortune. But there is one locality where a large percentage of these homeseekers and investors have gone, and where they have been satisfied, and that locality is the Panhandle of Texas. When you find a man who has invested in the Panhandle you find a man who is satisfied, whether he be investor or homeseeker; there is not one single investor to be found who has put his money into Panhandle lands during the last few years but who has either taken a profit or can sell his land at an advance over the price paid for it which

will make him a good profit; there is not a single man to be found who has bought a home in the Panhandle and settled on it but who is satisfied and has a desire for more Panhandle land. It is seldom you find such conditions in any country and it certainly speaks well for the Panhandle. The North Texas Land Company, of 100 Market St., Texline, Texas, has recently placed on the market over 100,000 acres of the best raw Panhandle land. If you are a homeseeker or investor, this company will be pleased to tell you how best to see the Panhandle and become acquainted with its good qualities. Write them for full information, after reading the advertisement on page 17.

On October 22d, the eighth annual Poland China sale of Mr. A. O. Stanley will take place at Sheridan, Mo. He writes: "I will put in fifty head of the large, heavy-boned kind, with plenty of quality, that have proven money makers for the buyers at my previous sales, as well as for myself. They are the kind that go out to the fairs and win, and when in the other breeders' sales are always at the top. My herd is now headed by Joe Profit 36249, bred by Mr. Ed Klever, of Ohio. Sheridan is on the Chicago Great Western, just four miles from the Iowa-Missouri state line. Watch for further notice of the sale."

Messrs. P. S. & S. Barr, breeders of Poland China swine and Short-horn cattle, of Davenport, Iowa, in sending in a new advertisement, found on page 27 of this issue, write: "We are offering bargains in Short-horn cows and heifers, bred, or with calves at side by Double Standard Polled Durham hogs. We recently visited six of the prominent Polled Durham herds of Indiana, Illinois and Ohio and purchased two of the best herd hogs in the United States. We consider these cattle cheap when bred to such high-grade hogs. We have Poland Chinas ready to ship."

Mr. August Voge, of Portsmouth, Iowa, will be at Des Moines next week with Crimson Wonder I Am 2d, possibly the best son of the noted sweepstakes winner, Crimson Wonder I Am. He will show him there and he is a credit to his owner and his sire, and should add materially to the reputation of Mr. Voge as a Duroc Jersey breeder. Mr. Voge has a lot of good pigs by him, also some excellent pigs by Tip Top Notcher, Ohio Chief 2d and Perfection Boy. He will have some of these with him to show the boys what he has at home. He will make a boar sale October 9th, at which time he will sell the best of the year's crop, and on January 19th he will make a brood sow sale.

Mr. Delmar McCann, of Kennard, Neb., one of the most popular young Duroc Jersey breeders in the West, is now offering forty head of Duroc Jersey hogs for sale. These are mostly sired by Chief of Chiefs, a son of the noted boar, Winchester Chief, and are out of Gold Dust Jim and Surprise sows. He can sell a good stretchy, well developed and well-bred pig at a figure at which the boys can well afford to buy. Anyone sending him an order can rest assured that they will get the kind of a pig described and it will be better than they can expect for the money. Try him with an order and be convinced. Kindly mention The Homestead when writing. See page 23.

Mr. H. H. Hatcher, of Shenandoah, Iowa, showed Durocs at the Shenandoah fair last week and got first premium on litter sired by his herd boar, Hatcher's Marti. He also got second on a boar pig by Jim's Critic, a son of Glendale Critic. He showed a nice bunch of pigs, all of which go into his sale at Clarinda, Iowa, September 27th. He will be associated with Messrs. Harry Pfander and Wm. McClelland in the sale and they will sell thirty-five boars and fifteen sows. Mr. Hatcher will sell fifteen to seventeen head of hogs in this sale and we can assure Homestead readers that they are worth going after. In fact the entire offering in this sale is away above the average and the boys expect to make one of the good sales of the season.

Mr. J. E. Wehr, of Portsmouth, Iowa, will be at the Iowa State Fair with a show herd and will have with him one of the best sons of old Proud Advance. He has the best head and ear on him that we have ever seen on a Proud Advance boar, and he has other admirable traits to recommend him. His back is broad and his ham is deep, while he is up on his pins and is an excellent young boar. Mr. Wehr will take four good fall hogs with him, two fall gilts, four spring hogs and four spring gilts. He will show a daughter of Ohio Anna 8th in the under six months class, and will fill several of the other classes. He will make a fall sale on October 20th, at which time he will offer an excellent lot of boars and a few sows. Look him up at the state fair next week and he will be pleased to show you his hogs.

Mr. Matthew Long, of Marshfield, Mo., advertises his 282-acre farm for sale on page 16 of this issue. The advertisement gives a very accurate description of the farm and its improvements, but Mr. Long, in writing us in regard to it, says: "The farm is much better than my advertisement represents it. It is included on the government map by soil experts as of the best. The public road from Marshfield through Buffalo to Kansas City is on the west side of the farm, and the road from Marshfield through Lebanon to St. Louis runs on the east side. My reason for wanting to sell is my age." Mr. Long has recently lost his wife, to whom he had been married sixty-three years, and wishes to retire from the farm. He was state senator in the Twelfth and Thirteenth General Assemblies of the state of Iowa, and secretary of the State Insurance Company, of Des Moines, Iowa, for twelve and one-half years. Anyone writing to him for more particulars in regard to the farm can rely upon his statements.

Those who are contemplating the holding of fall sales of blooded stock of any breed will doubtless find it to their advantage to secure the services of a practical, well-informed live stock auctioneer. Such a man is Col. Ralph W. Barclay, of Mason City, Iowa. Colonel Barclay has had a very successful season and has sold from Jan. 1, 1906, to July 1st, more sales than ever in his history. During the month of March alone he sold \$46,600 worth of live stock,

and his inquiries for fall sales are coming from Portland, Ore., to the province of Ontario. Colonel Barclay has been reared in a "fine stock cradle" and after devoting his entire life to the work should be and is in a position to render service of the most satisfactory character. In addition to his other qualifications he is a graduate of the Iowa Agricultural College at Ames, having spent much time in animal husbandry, thus specially fitting himself for his chosen life work. His announcement appears in The Homestead at all times.

The Prairie Glen herd of Durocs owned by Mr. A. L. Mossman, Radcliffe, Iowa, is doing nicely. The writer visited at the above place and was agreeably surprised with the present crop of pigs. Pigs are ready to go sired by Al's Chief 43327 and he by the 1,000-pound boar, J. J.'s Chief, first at the Indiana State Fair last year. A nice lot of youngsters to go are sired by A. L. Advance and other good boars. Mention is made here of the boar, Tientsin 17261, used successfully by Mr. Mossman. He is an excellent individual throughout and sires good pigs. This boar is now for sale and ought to be placed in some good herd. Breeders in search of Ohio Chief boars will find two sons in the Prairie Glen herd to go. Ohio Chief boars such as these two are not found every day and will undoubtedly find ready buyers, those especially having well-bred Durocs. Mr. Mossman has eight November males of rare quality, three of these of the Top Notcher strain. Write for his prices, mentioning The Homestead. His advertisement appears on page 25.

TRUMAN'S HORSES AT IOWA STATE FAIR.

The Truman Pioneer Stud farm, of Bushnell, Ill., one of the greatest importing firms in America, will have a very fine exhibit of their horses at the Iowa State Fair next week. A cordial invitation is extended to readers of this paper to inspect their horses, and Messrs. Truman will be pleased to meet their many friends and customers during the week.

BUY GOOD FARMS IN THE PANHANDLE COUNTRY.

Messrs. T. Carrabine & Co., of Kansas City, Mo., offer on page 16 attractive bargains in lands in the Panhandle of Texas. The above-named company make most liberal terms to those who wish to buy and we would request that the readers of this paper who contemplate buying Texas lands write to Messrs. T. Carrabine & Co., whom they will find to be reliable should they have any dealings with them. When writing kindly mention The Homestead.

THE CLOVER WAVE DUROCS.

One of the herds that has a great lot of choice Duroc Jersey boar pigs for sale is the Clover Wave herd owned by Messrs. Stowe & Gingrich, of Hamburg, Iowa. They have pigs by Red Orion and Duroc Standard, as well as by other well-known hogs. These are out of some of the very best sows ever sold, and have behind them the blood of the winners. If any of our readers want a topsey, well-bred boar they can get one from the above firm. There is no better herd in the West and no more reliable or responsible breeders. Write them at once or see them at the fairs.

A. F. RUSSELL TO SELL DUROCS ON SEPTEMBER 20TH.

Mr. A. F. Russell, of Savannah, Mo., breeder of Duroc Jerseys, claims September 20th for a sale of boars and gilts. Mr. Russell within the past year has made some valuable additions to his good herd and the boys who are looking for the blood of the most popular Durocs known to the breed will find them in Mr. Russell's sale. A litter out of a full sister to the \$1,060 S. E.'s Model, a daughter of the Illinois champion, Buddy K., and some Tip Top Notcher stuff with Mr. Russell's good line of stuff will afford buyers a most excellent opportunity. These hogs are bred right, fed right and will be found right on sale day.

THE J. I. CASE PLOW COMPANY.

Special attention is directed to the advertisement of the J. I. Case Plow Company, of Racine, Wis., which will be found on page 4. The thousands of the Case plows that are scattered over the corn belt furnish the best evidence that this company is making a durable, easy-running, easily-adjusted plow. Improvements, however, are the order of the day with this company, and their J. I. C. self-leveling, high-foot-lift sulky is almost perfection itself. One movement of the foot-lever will raise this plow from six inches below the surface to six inches above it. The highest-priced talent obtainable has been employed for years by this company for no other purpose than to suggest improvements for the J. I. C. plows. As a result, farmers have placed within their reach a perfect working plow and one, if reasonably well used, that may be passed on to posterity, so well and so durable is it made. The company has recently published what they call their farmers' encyclopedia. This is a cloth-bound volume containing 146 pages. It is sent to all applicants who will enclose ten cents for packing and postage. Address J. I. Case Plow Works, Dept. J-22, Racine, Wis.

THREE GOOD YEARLING POLAND CHINA BOARS FOR SALE.

On page 23 of this week's Homestead will be found the advertisement of Mr. W. W. Wheeler of Harlan, Iowa, who offers three good yearling Poland Chinas hogs for sale. They combine size with quality and are good, stretchy, well developed hogs. The largest one is Thicket's Best 109371, grandson of the Ohio sweepstakes boar, Thicket's Haska Chief. Here are his dimensions: Length 54, heart 55, flank 58, weight 375, bone, 8½ inches. The breeder who is looking for size and quality had better buy this fellow. Another good boar he offers for sale is Thicket's Improver, much the same breeding. He measures 53, heart 56, flank 53, weight 360 and has 8½ bone. Corrector's Best is a grandson of old Corrector and a promising boar. Mr. Wheeler also offers forty springs boar pigs for sale. These are sired by Surprise Wonder 5th 103097 hy Surprise Wonder 4th, dam Miss Longfellow

I put MACBETH on my lamp-chimneys as I am satisfied to be known as the maker of the only good lamp-chimney

There are other lamp-chimneys, but their makers fail to own them. It's no wonder.

My Index is useful to everyone who owns a lamp, and it's free.

Address, MACBETH, Pittsburgh.

by Chief Price, the 1,000-pound boar. He also has pigs by Sunshine Chief 76813. Both of these boars he purchased of Mr. Peter Mouw, and are great big fellows. He has as nice a crop of good, lengthy, big-boned pigs as we have seen this year. These pigs are out of sows that will weigh from 500 to 700 pounds. If you want a pig from the big strain of Poland Chinas Mr. Wheeler has them. He also has twenty yearling sows for sale. He will be pleased to bear from Homestead readers, but would be better pleased to show them the pigs.

THREE YEARLING DUROC JERSEY BOARS FOR SALE.

Mr. W. W. Wheeler, of Harlan, Iowa, offers three splendid yearling Duroc Jersey hogs for sale, good enough to head any herd. One of these is Scarlet Wonder 46319 by Pericles, dam by the great Tolstoy. Carmine Wonder 46321 is sired by Tolstoy and is out of a granddaughter of Phil Clark. The other is a grandson of old Duroc Challenger. These are three good ones and are bred in the purple. Write Mr. Wheeler or go and see them.

BUY GOOD FARMS IN THE PANHANDLE COUNTRY.

Messrs. T. Carrabine & Co., of Kansas City, Mo., offer attractive bargains in lands in the Panhandle of Texas. The above named company make most liberal terms to those who wish to buy and we would request that the readers of this paper, who contemplate buying Texas lands, write to Messrs. T. Carrabine & Co., whom they will find to be reliable, should they have any dealings with that firm. When writing, kindly mention this paper.

HOWE SCALES—WHY THEY ARE IN GENERAL USE.

"You think of buying a set of scales. It's a matter to which you are giving serious and careful attention. You do not expect to buy more than one set of farm scales in a lifetime. It's too big an investment to repeat every few years. It is, therefore, very important that when you settle this matter you settle it right. For if you go wrong, your regret will not be occasional. Expense for repairs and exasperation over unreliable weighing, or failure to weigh at all, will soon remind you of your error every day. It's just this careful consideration that the Howe Scale Company welcomes. Because we offer you scales that have stood the test of time under every condition." Extract from Howe Scale Company's booklet. See advertisement on page 7.

C. A. WRIGHT, THE STOCK FEEDER MAN, TO SELL DUROCS.

Mr. C. A. Wright, of Rosendale, Mo., "The Stock Feeder Man," claims October 17th for a public sale of Duroc Jerseys. Mr. Wright has bred the Durocs for a number of years and it was through his study of how best to serve the young porker, that the "Wright" pig feeder was studied out and brought into use. For uniformity of size Mr. Wright's pigs certainly prove that the "Wright" pig feeder is the thing. Mr. Wright extends a cordial invitation to all hog men, poultry keepers and those interested in feeding calves to call at his headquarters at Iowa State Fair next week. A sample of Wright's Durocs will be on exhibition, as will also full-sized hog feeders, chicken and calf feeders. Mr. Wright says come one, come all; he wants to show and to prove that the Wright feeders are the feeders of the world. Remember his sale date and watch these columns for future announcements.

HOW TO VACCINATE CATTLE AGAINST BLACKLEG.

Blackleg is such a disastrous disease that we want to warn our readers against it. If there is none of it in your neighborhood you may consider yourself lucky, but at the same time be on the lookout for it. Cut this article out and paste or pin it in a place where you can refer to it. There is almost sure to come a time when you will want to know about blackleg, what it is and what to do for it. Blackleg is a fatal disease of young cattle. Very few recover from it, and so far as is known no medical treatment will do any good after the animal is attacked. The only thing to do is to prevent it by vaccination. Vaccinate in the spring and in the fall, even if there are no signs of the disease and none in the neighborhood. It's the mere question of saving money, of spending a dollar to save \$10 or \$20. The question is not, "Can I afford it?" but, "Can I afford not to?" A few calves or yearlings lost would pay for many vaccinations. By using Blacklegoids, vaccinating is made so easy, safe and sure that there is no good reason for not doing it. There was a time when to vaccinate meant grinding a powder in a mortar, mixing with water, filtering, measuring and injecting with a hypodermic needle. This required a great deal of time and even then was not accurate. The quickest, surest and safest way of doing the work is with Blacklegoids. With these there is no dose to measure, no liquid to spill. A Blacklegoid is a little pill of blackleg vaccine, one pill is a dose. To use it, simply put it in the hollow needle of

the injector, thrust the needle under the skin of the calf, push the plunger and the work is done. Because they are so easy to use and effective, Blacklegoids are perhaps the best known and most widely used blackleg vaccine. Write the manufacturers for a little folder about blackleg, which also gives further information about Blacklegoids. It is free. Address Parke, Davis & Co., Detroit, Mich., and mention The Homestead.

NOVINGER & SONS HAVE SOME DESIRABLE SHORT-HORN BULLS.

The firm of Messrs. Isaac Novinger & Sons, of Kirksville, Mo., breeders of Short-horns, advise us that they have several young bulls just coming of serviceable age. Seven of these are straight Scotch, some of the reliable Scotch-topped sort and all good and from their best blood cows. In former years this firm have enjoyed a good trade on bulls and this year they have a line of bulls that are superior to any former crop. Mr. Novinger, senior, invites inspection of these and of the herd.

S. J. MILLER, IMPORTER OF PERCHERONS, LANDED JULY 26TH.

Mr. S. J. Miller, of Kirksville, Mo., importer of Percheron and French Coach horses, landed home July 26th with the best lot of horses that have been brought over in some time. This, Mr. Miller says, was conceded by seven importers who came on the same boat. In Mr. Miller's importation are a pair of prize winners, both two years old, and weighing 1,790 pounds each. A few mares were brought over. Mr. Miller says the prices in the old country are higher than ever before and for horses of the quality of this importation he was forced to pay some long prices. Mr. Miller's importation came through in fine condition and he asks his old customers and all who contemplate purchasing, to make him a visit, look over his horses and get prices on them.

SOME GOOD POLAND CHINA FALL BOARS.

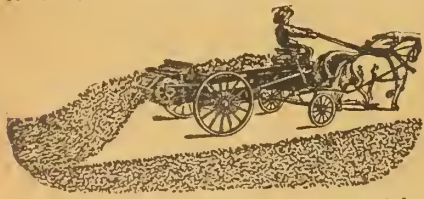
Mr. A. F. Graves, of King City, Mo., proprietor of the Lyndale herds of Short-horns and Poland Chinas, has a number of fall boars that should go to parties who want the most profitable type of Poland China. They are the stretchy sort, with well-sprung ribs, good bone, are from big litters and have quality with size. The blood lines, too, are good and good ones only will be sent out. The Lyndale herd of Short-horns can supply some good young bulls. Among these are some pure Scotch, a pure Bates and a few nicely Scotch-topped fellows. These are from cows Mr. Graves bought when founding his herd of Short-horns. They come from such herds as the Bellows Bros., the Flynn Farm Company and other good herds. See page 27 for advertisement of the Lyndale herds and remember that nothing but the best will be allowed to go out to customers.

RENSHAW'S DUROC JERSEYS.

Mr. Austin Renshaw, of Blair, Neb., one of the well-known Duroc Jersey breeders of the West, offers forty head of choice boars for sale through this week's Homestead. These are sired by Junior Jim, the first-prize yearling boar at the Nebraska State Fair last year; Long Alix, a litter brother to the great sweepstakes sow, Alix 2d, and by Glendale Critic, the well-known winner and sire of winners. Mr. Renshaw's boars are not only bred along the most popular lines, but they have been well grown out and he has many herd-heading propositions among the bunch. Some of the best boar pigs are out of Lady Alix, one of the best daughters of old Alix, and there are six of these. He has 120 spring pigs this year, and he has some very choice gilts among the number. He will be pleased to bear from any of the breeders who want a good boar pig and be has a number that should have a good outcome to them. Write Mr. Renshaw and tell him what you want, and kindly mention The Homestead.

A MANURE SPREADER THAT SPREADS.

The National Manure Spreader, manufactured by the Enterprise Windmill Company, of Sandwich, Ill., is noted for its lightness of draft as well as for its unbreakable



qualities. Some of the mechanical principles involved in the construction of the National Spreader do away entirely with annoying breaks. Two average horses can handle this spreader, though it holds sixty-five bushels of manure. Our readers are requested to write this company for further information concerning price, guaranty, etc., after reading advertisement on page 11.

A GOOD NEBRASKA SHORT-HORN SALE.

On September 7th, at O'Neill, Neb., will occur one of the good Short-horn sales of the season when fifty head, contributed by Messrs. D. J. Cronin, O'Neill, Neb.; W. M. McLemore, Kearney, Neb.; A. J. Stonebraker, Royal, Neb.; and D. L. Pond, Inman, Neb., will be disposed of at public auction. The cattle are in good condition, but not pampered, and the offering throughout is a representative lot of Short-horns. Mr. Cronin is putting in twenty-four head of females, all heifers, excepting three. They are mostly Bates breeding from the Martin Flynn herd. Mr. McLemore is putting in ten head of bulls and six heifers, and they are a very worthy lot. Mr. Pond sells four females and one bull and Mr. Stonebraker three bulls and two cows. Mr. D. J. Cronin, the manager of the sale, writes as follows: "The bull offering is a strong one, consisting of one aged bull and fifteen one and two-year-old bulls. These are good, thrifty, well-developed bulls and are the kind that farmers, breeders and ranchmen will want. The females are as good a bunch as has ever been sold in the West, and are worthy the attention of the most discriminating buyer. They are particularly worthy of notice by those in search of females combining beef qualities with that very desirable milking

trait that so many Nebraska Short-horn men are now looking for. The sale will be held on the fair grounds, O'Neill, Neb., on Friday, of fair week, and everything will give way to the sale." Those wanting catalogs should write to Mr. D. J. Cronin, Mgr., O'Neill, Neb. Kindly mention The Homestead when writing.

IS IT CHOLERA?

This question has worried many farmers this year. There are diseases in hogs that are not cholera or swine plague, but over 90 per cent of the diseases which kill the herds of hogs is cholera or swine plague in one form or another, and it is a ten to one shot that it is cholera. Cholera and swine plague are frequently found in the same herd. The best breeders and feeders of the country say that the Snoddy treatment cures and prevents the disease which is so common. Such men as P. W. Peterson, Vermilion, S. D.; O. S. West, Paulina, Iowa; Dave Rankin, Tarkio, Mo., and many other prominent breeders and feeders have used this treatment for years and very highly recommend it. It is not only a cure and preventive, but is also the greatest worm destroyer and health and thrift producer known. Full particulars, together with circulars containing a hundred endorsements from the big feeders and breeders and a nice little book full of valuable information sent free. Address the Snoddy Remedy Company, Box 852, Des Moines, Iowa.

MISSOURI LANDS OFFERED BY THE OWNERS.

In our land department on page 17 Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., offer some rare land bargains. We wish to assure our readers that the firm of Messrs. Novinger & Sons are not real estate dealers in any sense of the word. They breed Short-horn cattle and Poland China hogs and are offering this land because, as they state, "they have more than they can handle." The writer has on various occasions, when visiting their herds on the home farm, seen these lands and we think they are being offered at such prices as should move them at once. No better community is found any place than where these lands are located. The school facilities are the very best and all of the land is in easy distance of Kirksville, conceded to be one of the very best towns in northern Missouri. The country as a stock and grain country is hard to excel and this is what has made the town of Kirksville the thriving little city that it is. Messrs. Novinger & Sons state plainly in their advertising what these farms are like and the prices they are being offered at, so turn to the advertisement and if interested write them now, as they are sure to go to someone hunting a good home.

W. H. SCHNELLE & SON OFFER FULL BLOOD AND HIGH-GRADE ENGLISH SHIRE STUD COLTS.

Mr. W. H. Schnelle & Son, of Lemonville, Mo., have an advertisement on page 27 in which they offer six high-grade two-year-old English Shire stud colts, four coming yearling butter-bred Holstein bulls and prolific Duroc Jersey swine. The stud colts are all the get of Nelson 4534, a black stallion that Mr. Schnelle, Sr., says was as good a sire as he has owned in the twenty years of his breeding operations. Three of the colts are blacks, two are bays and one is a gray. They are all big, strong fellows, well quartered and have the bone. Messrs. Schnelle are offering them at prices that they think should move them. The Holstein bull calves are richly bred and their ancestors have butter records ranging up to thirty-eight pounds and eight and one-half ounces in seven days. These are also priced where those wanting Holsteins can afford to buy. Duroc Jerseys are also bred and Messrs. Schnelle have some useful young boars to sell. They have issued a cat catalog which gives full particulars of all the stock offered and would be glad to mail one to all who are sufficiently interested to write. Kindly mention this paper when writing.

THE "FONTAINE" SHOCK BINDER.

We desire to direct the attention of the readers of this paper to the advertisement of Mr. J. P. Lawrence, general sales agent of the American Shock Binder Corporation, whose address is 1100 North Levee, St. Louis, Mo. The American "Fontaine" Shock Binder is a strong windlass, weighing only three pounds, made of the best wood, malleable iron and manilla rope, with a ratchet attachment which will last a life time. It saves labor and twine and binds tight. From a booklet furnished by Mr. Lawrence we copy the following: "One man alone can operate it perfectly, and with it can bind shocks as rapidly as twelve or fifteen men can cut and set up the corn. One pound pressure on the handle pulls sixteen pounds on the rope, so that one man with it can easily apply a pressure of over 600 pounds to the top of a shock, thereby compressing it so tight that it will not fall or be blown down, and will not get wet inside when it rains. This binder draws both ends of the rope, so that the shock is compressed evenly without being pulled over to one side. Success in saving corn and feed, when cut and shocked in the field, depends upon the shocks being properly bound when first put up. If not tightly bound the shock will get into a twist, when the stalks begin to dry and fall and be much injured by getting wet all through when it rains. One method of binding a shock is for two men to draw a rope around it while a third man ties the twine. One man with the American "Fontaine" Shock Binder does the work of these three, and does it much better by binding the shock much tighter. This binder is of great advantage in stacking small grain, for drawing a rope tight around the base of the stack, so that it will not spread while the stack is being finished. Draw the rope just below the bands on the bundles and remove after the stack is finished. Cutting down corn is much better than pulling fodder and cutting tops, because: First, it saves labor, for your corn and feed both are gathered by going over the field once; second, it secures at least twice as much feed because when cut green all the shock and boot and most of the stalks are eaten by the stock; third, the feed is more easily saved in rainy weather. Fodder and tops before being stacked are much

PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.
DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

injured by one rain, but feed saved by this plan, if the shocks are properly bound, will not be injured by rains. A farmer saving corn by this method is not dependent on the weather, as he can cut and shock until it commences to rain, and go to cutting again soon after the rain stops." See the advertisement on page 11.

IOWA LAND THEIR SPECIALTY.

We wish to call attention to the advertisement of the "old reliable" Burkholder Land Company, of Creston, Iowa, on page 16 of this issue of The Homestead. They are very enthusiastic concerning Iowa lands, which they consider the very cheapest lands on earth today, all things being considered. They claim that while their lands range in price from \$30 to \$100 per acre they are much cheaper in reality and worth more than the best cheap boom lands when it comes to raising fat steers, horses, hogs, corn, oats, timothy and clover and blue grass pasture, or any other kind of crops. They also state that when any judicious, conservative man wishes to make an investment in lands in which there is no risk, and in which he can depend at all times as being a good investment, he comes right back and buys good black Iowa land. This he knows is all right and will double itself in at least twenty years, and at the end of that time if he does not care to sell, it will be something worth keeping. They sell their lands on their merit, and ask the very closest investigation from those wishing to buy. They solicit those who are looking for a home to come to Iowa and get the best. And those who are looking for an investment come to Iowa and get something tangible; better than a bank account, or bonds, is a tract of good Iowa land.

MANLEY & CO. LOSE YOUNG JOHN.

One of the best herd boars owned by Messrs. M. H. Manley & Co., of Lyons, Neb., went the heat route last week. This was Young John, a son of Long John, and he had been used with much success the past two years in the herd. As a sire he had fair to become one of the best in the West, and his get were just coming into public view. Two of the best sows in the Manley herd are sired by him as well as a couple of fall boars. They had been fitting him for the fairs and the intense heat was too much for him. The boys will be out to the Iowa State Fair and also at the Nebraska State Fair. They will show Junior Jim and he will be one of the hogs that will make this the strongest two-year-old class that has ever been brought out. He has been well fitted and will trot into the ring one of the proudest and toppest boars of the show. They also have a hard proposition in a two-year-old sow and they will show a good fall pig. They will also have a number of good things with them and will be pleased to have the boys call and see them. These gentlemen will make a public sale on September 18th, at which time they will offer the pick of their boar crop, together with a few good sows and gilts. In our next week's issue we will tell our readers just what goes into the sale and we can now promise them something good in the way of Duroc Jersey boars. Look them up at the fairs the next few weeks.

HIGH-CLASS ANGUS AUCTION AT HAMLIN.

The inaugural auction of the Minnesota State Fair at Hamline, September 4th, promises to be of unusual merit. Mr. W. J. Pickard, of Richland Center, Wis., who has been purchasing some of the good cattle sold at public auction at Chicago and is establishing a choice herd, catalogs a half dozen splendid specimens for this sale. The double Blackbird bull, Belsbazzar 2d, bred by M. A. Judy, heads the list. He is a grandson on both sides of Imp. Prince Ito, the \$9,100 Highland Society champion bull and sire of the undefeated Prince Ito 2d. He was a year old last September, sired by Blackbird Ito, the first prize yearling at the World's Fair at St. Louis, and was out of Blackcap Ito, that was sold in Chicago at public auction at \$1,000 when a calf. Blackcap Ito was out of Imp. Blackberry of Advie that was also auctioned at something over \$1,000 and she was by Kidnapper, a Ballindalloch K. Pride bull and sire of Mux of Giamis, one of the greatest of all Smithfield champions. No better bred bull could be found than Belsbazzar 2d and individually he is difficult to fault. Two double Erica heifers are included by Mr. Pickard and as the Ericas are just now the best selling family of the breed and these are good ones, they should not lack for bidders. A four-year-old Queen Mother cow sired by the double Blackbird bull, McHenry Blackbird 16th, is included by Mr. Pickard, along with a Mina and an Annie Laurie. Mr. W. J. Miller, of Newton, Iowa, one of the leading show men of the breed, includes a high-class young bull, Mayor of Metz, that should prove a winner at this show. His sire, Black Prince of Estill, was by Imp. Prince of Kerrera and out of the champion and record-breaking cow, Lucia. Estill, that sold for \$2,800. The four-year-old cow, Metz Ogarita, is a sister to a champion steer shown at the World's Fair at St. Louis, and she represents the blood of the famous Heatherton herd. While Mr. Miller has exhibited great breeding herds he has also brought out each year fat steers with his exhibit that have proven winners in the hottest competition. The catalog throughout of this auc-

ABOUT THE SOUTH

"About the South" is the name of a 64-page illustrated pamphlet issued by the Passenger Department of the

Illinois Central R. R. Co.

in which important questions are tersely answered in brief articles about

**Southern Farm Lands
Mississippi Valley Cotton Lands,
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along the lines of the Illinois Central and Yazoo & Mississippi Valley railroads, in the states of Kentucky, Tennessee, Mississippi and Louisiana, including the famous

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Send for a free copy to J. F. Merry, A. G. P. A., I. C. R. R., Dubuque, Iowa. Information concerning rates and train service to the South via the Illinois Central can be had of agents of connecting lines, or by addressing
A. H. HANSON, G. P. A., Chicago, Ill.

tion is rich in blood lines and individually the offering is exceedingly attractive. Mr. W. C. McGavock, of Springfield, Ill., will be glad to mail catalog.

WESTERN NORMAL COLLEGE.

A reporter for The Homestead was recently shown through the Western Normal College at Shenandoah, Iowa, and while we had often heard of this widely-known institution, we were not prepared for the surprises that attended our visit. The college is really ten associated schools, each school complete and of the very highest character in all of its work. Space does not permit description of the separate departments, but we feel that we owe it to our readers to give a few general facts which impressed us most. This school, of all other independent schools of the West, stands unique and alone, for while they have (every one of them, we believe) had their financial reverses and change of management and consequent loss of public confidence, this school has uniformly maintained its remarkable prosperity and has never had a financial reverse and always an increasing and ever-widening patronage and larger public confidence. Its twenty-fifth anniversary will be celebrated at the close of next year. The year beginning September 4th will be its twenty-fifth year. It has, in this period of wonderful growth, sent out more than fifteen thousand students all over the country, east and west, and has the proud record of training more farmers' sons and daughters of this middle West than any other one school. From the roster of the students in the college office we were impressed with the immense popularity of the school among the farmers and their children. These young people from the farm in large numbers choose the business course and the shorthand course and are soon prepared for entering business offices as bookkeepers, stenographers, cashiers, etc., and with their sturdy rural life-blood they are sought by city employers in preference to any others. Many others of these young people take lines of training for teachers' certificates and become independent, successful teachers in public schools and some of them in colleges; still others prepare themselves in music and earn large financial rewards from their art. This wonderful school seems to be a training station for the recruits who are to reinforce the great industrial and intellectual army for the world's daily work. We were impressed that no better surroundings or more healthful situation for any school could anywhere be found. Every department is equipped with the most substantial and most modern fixtures and appliances and furniture. Our reporter could think of nothing lacking to make the work of this school more thorough and effective. So successful has the school been in the past that it now pays the student's railroad fare, an unheard-of thing in the history of schools until about two years ago it made its announcement. Sixteen states were represented in the attendance the past year and representatives of these states have furnished a flattering testimonial published in the complete bulletin of the college. These bulletins are different from those of the average school. We wish every young person reading this brief account would send for one of them. They are mailed free. They are sure to impress every reader with a higher estimate of his own possibilities. The large plant of the institution affords ample accommodations for their nearly 1,000 students annually, and with their fine faculty

of professional men and women and their practical courses of study, and their exceedingly low rates of expense, and even then the repayment of student's railroad fare, and with the thousands of friends and former students representing the successful results of the training of this school, and with many more advantages we might name, we predict a still larger attendance of students through the next year, their quarter centennial, than the institution has ever before had to cross its threshold within a single year. We want all young people who are thinking of school this fall to write to Pres. J. M. Hussey, of the Western Normal College, Shenandoah, Iowa, for a complete bulletin, referred to above, before deciding where they will attend.

IOWA HERD OF DUROC JERSEYS.

The above title is the name of one of the excellent Duroc herds of Iowa. Mr. A. T. Sundell, of Paton, Iowa, is the proprietor. Many of our readers will probably feel more acquainted with this herd when mention is made that Mr. Sundell is the successor to Messrs. Wm. Roberts & Son's herd that was so well and favorably known. At the head of this fancy-bred lot of Durocs stands the grand herd boar, Lord Roberts, bred by Messrs. Roberts, by Long Tom 921 by Iowa Tom 8015 (A.). Lord Roberts' first dam was Viola Roberts 22474 by Venice 7321 (A.), second dam Zoo V., the dam of Zoette, the \$1,275 R. J. Harding sow. Lord Roberts is assisted by King West, a well-bred individual, and of a prolific family. King West is out of a litter of nine pigs. His sire is King Perfection by Banker Boy II. 1205, and dam being Lovely Lady 38528 by Duroc King 7327 (A.). The present crop of pigs are sired about half and half, Lord Roberts strain and King West blood. At present Mr. Sundell can place eight well-backed, strong-boned, fancy-bred fall boars. Four of these are sired by Sundell's Fancy, a boar out of a litter of seven. Sundell's Fancy is sired by Owen 13449 by Duroc King, his dam being Brindle 42064 by Frank 7327 (A.). Breeders should bear in mind that Sundell's Fancy was third premium boar in six months class at Iowa State Fair, 1904. It is worth while to look over such a herd of Durocs as the one located at Paton, Iowa, and known as the Iowa herd of Duroc Jerseys. A nice, growthy bunch known as the "Cherry Sisters," four in all, will be shown by Mr. Sundell at the Iowa fair this coming week. They are sisters to Admiral, a King West product by King Perfection, and will show just what King West can do. These four will be entered in the eighteen months old class. Watch for them. Color is uniform throughout the entire herd, and hack and foot stand out well. This is one of Mr. Sundell's hobbies and he gets that right. See the advertisement on this page and write for his prices. Orders now booked for spring pigs. When writing him kindly mention The Homestead.

WAYSIDE SHORT-HORNS.

Mr. Geo. H. Burge, of Mt. Vernon, Iowa, will be present at the Iowa State Fair with a choice collection of Short-horns from the Wayside herd. Mr. Burge is a well-known character at the leading stock shows and at the present day a show of Short-horn cattle in Iowa with Mr. Burge or his cattle absent would certainly be lacking in its attractiveness. As has been many times stated, Mr. Burge is an energetic, self-made man, endowed by nature with a keen eye for the perfect form of animal of the modern type. Mr. Burge was well prepared in early life to engage in the breeding of fine stock with success assured, being a thorough, practical, self-made man, doing his own work, currying, feeding, exhibiting his own cattle, has given him an experience equaled by few men. Not being born with a silver spoon in his mouth Mr. Burge has had to feel his way and improve his herd as the means earned by himself would permit. At the Iowa State Fair his exhibit will be on hand, but owing to severe and serious illness in the family, which has been prolonged, Mr. Burge himself may not be able to be present. The cattle, however, will be there and are for the purpose of showing to the world the character of Short-horns that Mr. Burge will sell in his public auction on October 5th. Practically the entire show herd will be included in this sale. Mr. Burge will exhibit two Short-horn cows fresh from the pasture. One is a very neat, tidy cow, called Annabel. This is a cow weighing 1,600 pounds

and as the Scotchman would say, a typical "Lady Cow." The other cow is Flora Dell, a daughter of Gwendoline Lad. This is a cow of great substance and now weighs 1,760 pounds. She is the dam of two of the show helpers in the sale, namely, Floradora and Florella. The last named is a fancy senior heifer calf. Old Money Musk will again head the herd and is as fit to do it as ever. This is certainly a remarkable bull. He has been in heavy service all spring, as many as three cows per day being bred to him, and yet he weighs 2,225 pounds. A very choice helper that will be shown is Silvery Nonpareil, a daughter of Money Musk and out of Silver Mist. This is a strong heifer and one that will have to be reckoned with in her class. Mr. Burge will show both an aged and young herd. Baby Boone is a fancy show calf of that famous show-yard family of Nerissas. She has natural born show-yard character as well as perfect show-yard development. This is probably the choicest thing that Mr. Burge has ever produced in the female line and perhaps the strongest bull calf ever produced by Mr. Burge is the splendid Nonpareil called The Trumpeter. He was calved December 15th and weighed 760 pounds at seven and one-half months of age. He, of course, is by Money Musk, as is the entire young show herd. This calf possesses an exceptionally fine herd, strong in his crops, back and loin. His hip bones are entirely hid and impress one that they are of the type of the choicest Aberdeen Angus in this particular. It has been many a year since a bull calf has been shown with as little prominence of hips or hip bone as this fellow. This beautiful show calf will also be included in the sale October 5th, as well as the show cow of last season. On the above date Mr. Burge will sell nine bulls and thirty-five females, sixteen of them pure Scotch. His herd of cattle should be looked after at the state fair by those contemplating the purchase of strictly choice Short-horns this fall, as the sample at the state fair will suffice for the remainder to be sold. Mr. Burge's announcement appears in the columns of The Homestead at all times.

HEREFORD AUCTION AT HAMLINE,

MINN.

It can be truthfully said that no breed of cattle has better adapted itself to American conditions and environment than has the Hereford and it can also be truthfully said that no breeders of any breed on this side of the waters have so rapidly and steadily improved their cattle since their importation to America as have the breeders of the "whitefaces." The breed represents today early maturity, thick-fleshed and easy-feeding qualities as likely no other breed does and we wish to emphasize the fact that the auction to be held under the auspices of the state board of agriculture of Minnesota on September 5th at Hamline, Minn., during the state fair, represents the type that is up-to-date and intensely the present-day Hereford. Mr. Tom Smith, of Crete, Ill., sends a half dozen entries, mainly the get of Columbus 29th, one of the best sons of the noted Columbus, the sire of the celebrated Dale. Messrs. Zander & Tong, of Goodenow, Ill., consign a yearling show heifer by the noted sire, Blackstone, bred by Messrs. Gudgell & Simpson, sired by Lamplighter, and representing throughout his pedigree an intensification of the blood of Anxiety 4th. Mr. H. J. Fluck, of Goodenow, Ill., sends three head from his noted herd. They consist of two females and one bull, and are said to be animals of exceptional quality. The bull calf in the Fluck consignment named Robert Hur was calved Nov. 10, 1905, sired by Ben Hur 159675, and out of an imported dam that had five crosses of the noted Horace in her pedigree. Mr. David H. Powers, of Delavan, Wis., includes a son of Blackstone and two sons of the imported bull, John Price. We wish to call special attention to the bull, Prosper 180483, consigned to this sale by Mr. J. C. Andras, Jr., of Manchester, Ill., that was sired by Perfection Yet, a son of the celebrated Perfection. This bull is entered for the show and is confidently expected to be well within the money. There are numerous show cattle among the sale entries and the state board of agriculture and Mr. McGavock, who has been chosen to manage the sale, have made great efforts to present an unusually attractive offering. In addition to those mentioned above, the following well-known breeders are consignors to the auction: R. A. Wilkinson, Crookston, Minn.; G. H. Hoxie, Thornton, Ill.; A. R. Haven, Greenfield, Ill.; The Cosgrove Live Stock Co., Le Sueur, Minn.; David Boss, Zumbro Falls, Minn., and H. F. Mussen, Grant Park, Ill. The catalog will be mailed on application to W. C. McGavock, Springfield, Ill.

The Wabash, "The Banner Route," has arranged for the following low rates, available to the public:

New York and return \$30.15 from Des Moines, on sale August 28th, 29th, good until September 4th, account reception of W. J. Bryan.

Los Angeles and return, on sale September 3d to 14th, inclusive, \$54.25, good until October 31st.

Buffalo, New York, and return, October 10th, 11th, 12th, \$24.15, final limit October 19th.

Toronto, Canada, and return, \$23.55, account Sovereign Lodge I. O. O. F., final limit October 21st.

For further information address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., 512 Walnut St., Des Moines, Iowa.

CHEAP RATES TO PACIFIC COAST.

Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for particulars or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

WATERLOO AND RETURN \$1.50.

On Friday, September 7th, the Chicago Great Western Railway will have a special train, leaving Des Moines 6:10 a. m., to Waterloo, at rate of \$1.50 for the round trip. The Thomas Orchestra will give one

Combination Short-horn Cattle Sale

O'Neill, Neb., Sep. 7, 1906,

From the herds of

D. J. Cronin, O'Neill, Neb.; W. W. McLemore, Kearney, Neb.;
A. J. Stonebraker, Royal, Neb.; D. L. Pond, Inman, Neb.

50 Head. 16 Bulls, 34 Cows and Heifers.

The cattle offered will be an excellent lot of good, useful Short-horns. The females, all of which are helpers excepting three, are very largely of the milking strains, while the bulls are as good a lot as have ever been offered in the West. There will be one aged bull and fifteen one and two-year-old bulls. The entire offering is a representative one and we extend a special invitation to farmers and breeders to attend. Sale begins at 10 a. m. during the fair. Write for catalog. Address,

T. C. Callahan, Auct., D. J. Cronin, Mgr.,
O'Neill, Neb.

Public Sale of 150 Choice Breeding Cattle

IN THE NEW AMPHITHEATER,

HAMLINE, MINNESOTA,

DURING THE STATE FAIR,

SEPTEMBER 3 TO 8, 1906.

50 ANGUS WILL BE SOLD
TUESDAY, SEPTEMBER
4TH, AT 1 P. M.

50 HEREFORDS WILL BE
SOLD WEDNESDAY, SEP-
TEMBER 5TH, AT 1 P. M.

50 SHORT-HORNS WILL BE
SOLD THURSDAY, SEP-
TEMBER 6TH, AT 1 P. M.

For Catalog of Angus and Hereford Sales write W. C. McGavock, Springfield, Illinois. For Catalog of Short-horn Sale write B. O. Cowan, Assistant Secretary, 17 Exchange Avenue, Chicago, Illinois.

TOO LATE TO CLASSIFY.

PRIZE WINNING DUROC JERSEYS

I have a splendid lot of herd headers this year sired by some of the most noted boars of the breed.

40 DUROC-JERSEY BOARS 40

Sired by 1st prize yearling boar at the Nebraska State Fair. Litter brother to the great sweepstakes sow Alix 20, that sold for \$740. 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair.

Pigs by other well-known boars. If you want a herd header, write me. AUSTIN RENSIAW, BLAIR, NEB.

Iowa Banner Herd Durocs. Headed by W. L. A.'s Choice Goods, has for dam the \$1,060 S. E.'s Model 9th; the \$2,000 Ohio Chief for grandsire; Bishop's Choice for granddam and the great Nebraska Belle for great-granddam. Write your wants. W. L. Addy & Son, Parnell, Mo.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, - - KENNARD, NEB.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address, W. M. MERCER, AURORA, ILL.

THREE good yearling Poland-China Boars for sale. Thickset's Best 109391, length 54, heart 35, flank 58, bone 8 1/2 inches, weight 375. Thickset's Improver, length 53, heart 56, flank 53, bone 8 1/2 inches, weight 360. Corrector's Best 109373, a grandson of old Corrector. Address W. W. WHEELER, - - - HARLAN, IA.

ALL OUR OHIO CHIEF PIGS

Reserved For Our Sale, October 15th. At which time we will offer a grand lot of herd headers. We will sell our herd boar Corn Cracker 14202. A. L. & U. S. G. LYNCH, MT. Ayr, IOWA.

of their grand concerts at Chautauqua Park, Waterloo, on that date, and special will leave Waterloo, returning after the concert. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

THOUSANDS OF MEN WANTED AT ONCE TO HARVEST THE CROPS IN MINNE- SOTA AND THE DAKOTAS.

Low rates in effect from all points on the Iowa Central Railway. Tickets for sale daily August 1 to 31, 1906.

Splendid wages are offered, ranging from \$1.75 to \$3.00 per day, including board. For rates call on agents or for full particulars address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

CALIFORNIA EXCURSIONS.

The Iowa Central will sell tickets to Los Angeles and San Francisco, Cal., from September 3d to 14th, inclusive, limited to October 31st at rate of one fare for the round trip. Variable routes and liberal stopover privileges. For further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

THOMAS ORCHESTRA CONCERTS, WAT- ERLOO, IOWA, SEPT. 3D TO 8TH.

The Chicago Great Western Railway will on September 3d to 8th inclusive, sell tickets to Waterloo at one fare for the round trip. Return limit September 10th. Other attractions. Apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa, for further information.

Rookwood Berkshires.

A CHOICE lot of early boars and gilts for sale. Superior breeding, unusual size and quality. Also two good Scotch bred Short-horn bulls, six to ten months old, fit to head good herds. Address,

ROOKWOOD FARM, AMES, IOWA.
C. F. CURTISS, PROP., JOHN W. OGLE, MGR.

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-15952. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won fifty prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including twenty-one firsts and ten sweepstakes.

L. G. SHAVER, - KALONA, IOWA.

BARON FOXGLOVE FOR SALE.

I WILL sell at a bargain the superb 2-year-old Scotch herd bull Baron Foxglove, sired by Imp. Fancy's Pride. Dam Cherry Foxglove. He is very smooth and in this breeding form weighs 1,500 lbs. He is of the Cruickshank Brawith Bud family.

E. R. Silliman, - - Colo, Ia.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26183, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right. Edmonds, Shade & Co., Kingsley, Ia.

Are You Looking for a Duroc-Jersey Herd Boar? I have the Good Ones. Searler Wonder 46319, by Pericles, dam by the great Tolstoy. Carmine Wonder 46321 by Tolstoy. Also a boar Challenger's Last. These are good ones. Come and see them. W. W. Wheeler, Harlan, Ia.

UPLAND Poultry Farm stock for sale from Lt. U. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

IT NEVER FAILS

The test of years has proved that Spavin can always be cured by the application of

DEAN'S Magnetic Sweat Ointment

It quickly removes all blemishes or blemishes from Horses or Cattle and makes cauterly or firing unnecessary. Spavin, Ringbone, Curb, Splints, Puffs and all unnatural enlargements quickly succumb to this powerful remedy. It neutralizes all acid poisons and sweats them out of the system through the diseased parts, and you can work your horse while using it, without any bad effect.

Most druggists sell

Dean's Magnetic Sweat Ointment

If yours does not we will send you a bottle prepaid with full directions, on receipt of 50c. in stamps or money.

OLNEY & McDAID,

Sole Manufacturers,
114 Sixth Ave., Clinton, Iowa.

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ONE FARE PLUS \$2

For the round trip with minimum of \$7 every Tuesday during September, October, November and December, 1906, inclusive, from St. Paul and Minneapolis to points in

Minnesota, North Dakota, Manitoba, Western Ontario and the Canadian Northwest

and on the first and third Tuesdays during September, October and November, 1906, to points in

Montana and Idaho, Northeastern Oregon, Eastern Washington and Eastern British Columbia.

See the finest agricultural lands in the Great Northwest. Low rates afford an excellent opportunity to secure a farm in a rich and growing country, where yields are large, where excellent markets are near at hand and where irrigated districts present splendid opportunities and sure crops. Tickets bear final return limit of 21 days, with liberal stopover privileges.

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Between St. Paul and Minneapolis and the Pacific Northwest.



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E. D. ROCKWELL, District Passenger
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ing, Des Moines, Iowa.

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Scenery, Fishing, Hunting
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**The Only Double-Track Railway Between
The Missouri River and Chicago**

This complete service includes electric-lighted trains of the most modern type with all provisions for safety, comfort and speed.

The Best of Everything



For booklets, maps, train schedules and full information apply to any ticket agent of The North-Western Line or address

L. F. BERRY,

General Agent, C. & N.-W. Ry.,
401 Walnut St., DES MOINES, IOWA.

SOUTHWEST The Land of BIG CROPS and PROSPERITY

Are you making as much off your farm as you ought? No doubt you are making all you can. The trouble is the land costs too much. It takes too much money to buy a big farm, and so you are trying to make a living on a small farm, or perhaps you are renting one and paying a good share of what you raise, in rent. Wouldn't it be better to go where the price of good land is so little that you can own a big farm—where every acre of ground is working for you and all you raise is paying you good profits?

There are thousands of acres of fertile land in the Southwest along the line of the Cotton Belt Route that can be bought for from \$3 to \$10 an acre. This land is increasing in value each year.

See the Southwest at Small Cost

A trip to the Southwest would convince you that your best interests lay in settling there. The trip can be made at very little expense. On the first and third Tuesdays of each month you can purchase a round trip ticket to any point in the Southwest on or via the Cotton Belt Route at very low rates. Stop-overs will be allowed for you to examine any locality you are interested in.



Write at once for free copies of books describing this wonderful country and for full information about cost of tickets, etc.

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Spend your vacation in

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\$12.00 to St. Paul or Minneapolis and back via



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514 Walnut Street. — Des Moines, Iowa.

DUROC JERSEY HOGS.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big 1 Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

SHELDON BROS.,

A NEW FIRM.
BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also five grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher. Oom Paul, Kruger II, Kruger Again, both good sows of Kruger, Tokio Paul, and other boars of note. We cull closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906.
Kindly mention Homestead when writing.

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee, Dice & Garber's Beaver Crossing, Neb.

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.
L. H. Bryan, R. R. 1, Neponset, Ill.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springfield, Linn County, Iowa.

A THELRED 23069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 22393 (half brother to Crimson S Wonder), Lotti's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.
W. J. WENDT, MARCUS, IOWA.

BARGAINS IN DUROC BRED SOWS

I HAVE several sows bred for September farrow. Two are two-year-old and balance yearlings; in good condition, but not hog fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address.
F. A. HAM, SARONVILLE, NEB.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Benben and others.
CHAS. VAN PATTEN, SUTTON, NEB.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growing. Will price right.
W. J. East & Son, Clay Center, Neb.

Greene County Herd Duroc Jerseys.
OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa, 50 big boar pigs ready to sell. Write mentioning this paper.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles H. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address.
A. B. Easter & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

SURED by 1 Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address.
J. W. Reynolds & Son, Defiance, Iowa.

CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address
W. J. S. Taylor, Hameston, Iowa.

DUROC JERSEY HOGS

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief 11, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,
GEO. W. SECKMAN, RIPLEY, ILLINOIS.

Grand Valley Herd of Duroc Jerseys.

WILL have fifty head of Perfection Chief 28367 pigs and fall yearlings to sell after Sept. 1st, including Fancy Perfection 47967 and Perfection Chief Jr. 45827, the two best sons of Perfection Chief ever sired. Look for Pollock and the Perfection Chief herd at the fairs Iowa, Minnesota and Kansas City Royal.

D. J. POLLOCK, THAYER, IOWA.

Prairie Glen Herd of Duroc Jerseys

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand pound hog, he by Winchester Chief 10077, he by Morton's King 3875, Tientsin 17261, Imp. Wonder 43381, A. L. Advance 4331, Odebolt Chief 33271, a son of Perfection Chief 425 hog, Pleasant Hill advance No. 44251, and other good sires; last but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable, quality best. Address,
P. S.: Eight November males of rare quality; three Top Notcher bred.

A. L. MOSSMAN, RADCLIFFE, IA. TELEPHONE 88-3.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY, OSCEOLA, NEB.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppest Duroc Jersey Pigs.
I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Al-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address
W. D. PITTMAN, LAKE CITY, IOWA.

CLOVER-WAVE DUROC JERSEYS

SIRE in service, Red Orion 28793, by Orion 5993; dam Rose Bud 50188 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH, HAMBURG, IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 1. Boars are sired by Double Track 42517, Sensation 7393, Red King 11057, Fashion Boy 33029, Advance Col. 42011, Roland 37255 and Red Express 39519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads of herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,
C. T. ROGERS, PETERSBURG, ILL.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sows of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains.

T. A. McMAHON, CRAIG, NEB.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's 1st, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, CEDARVILLE AND XENIA, OHIO

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,
GRANT WHITE, AFTON, IOWA.

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar sale Oct. 2. Brood Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WEIGHTON, AUDUBON, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CRIMSON WONDER I AM

SOWS and gilts bred to this great sweepstakes boar for fall farrow.
U. R. Davidson, Manson, Iowa.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Eds. Sow sale February 25. Inspection invited. 125 pigs. Write us.
W. A. STAPLES & SONS, GLIDDEN, IOWA.

WON more more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

Is a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Coughlin, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address,
Phone R-936. THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

DUROC JERSEY HOGS.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big 1 Am and Hambletonian, the two 600 lb. boars assisted by Proud Advancer and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by Big 1 Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free livery. Fall sale Oct. 26, brood sow sale Jan. 30, 1907.
Manlove Bros. & J. H. Norris, Bowen, Ill.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the 1,099 gilt and the \$1,910 litter, and Lib C. 67294, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.43.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Bent, the \$2,500 boar, 57 first and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 16th.

JOHN M. MORRISON & SONS, COLLEGE VIEW, NEBRASKA.

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me, WM. SUTTER, Liberty, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,
J. E. WEHR, PORTSMOUTH, IOWA

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are 1 of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY C. WARREN, INLAND, NEB.

Minnesota's Prize Winning Duroc Jerseys

I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable. Wm. Malcolm, Bigelow, Minn.

MAY & PORTER,

REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best M 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

DON'T READ THIS

UNLESS Interested in good pure bred Duroc swine or Bred Plymouth Rock chickens. Write your wants when on the market. Address,
Roy Stacy, Rochelle, Ill.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,
SMITH BROWN, Waterloo, Neb.

ROSE Hill Durocs, Good ones, 3 sows brought \$1, 300, 130 pigs for season's trade, from 3 best boars of breed Jr. Jim, 1st prize last Neb. state fair, Arion winner Des Moines and Lincoln 3 yrs. in succession and Long Alc. litter bro. to Alis II. Size, bone, back, color, my specialty. Visitors welcome. Phone 3 miles west of city. Austin Renshaw, Blair, Neb.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance. Keep On and Addy's Choice Goods. Public sale, October 3d.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head mv herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

CLOVER Blossom herd of Durocs. Herd headed by I. J.'s Chief 12455a, 45747n first in aged class at Ind. State Fair 1905. Col. Perfection 16135a, 4575n for sale—will make a good fall yearling show. Choice tried sows for sale bred to I. J.'s Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,
A. E. FOUSH, CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

GRANT HERD DUROC JERSEYS.

I AM now ready to book orders for delivery after September 1st. Carl Hansen, Herman, Neb.

DUROC JERSEY HOGS.

BUDDY K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, ILL.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG, LINCOLN, NEB.

OAK VIEW

DUROCS.

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale one two-year-old and one yearling sired by Model Chief, one of the best sows of Ohio Chief. These boars are strictly of showyard type and quality. Address,

J. COY ROACH, GIRARD, ILL.

Thos. Bennett,
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 37331, Gem's Tip Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12345a, Choice Goods 22881, J. I. C. 38339, Buddy K. IV 20861, Indiana 20753, Mauley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40793, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11859, J. B. J., Big I Am 29895. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.

MENEL BROTHERS, BOWEN, ILL.

PIONEER HERD DUROCS.

ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, Arch Brown & Sons, Waterloo, Nebraska.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address, Norris & Bevington, Kingsley, Ia.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address,

W. A. RANKIN, CARSON, IA.

ALFALEA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection; 11571; some tried sows bred to Royal Prince 4191, that raised good litters last spring and are due to farrow in September, and a few fall boars by Van's Perfection and Jumbo Chief 19899, for sale.

F. ALLDRITT, FRIEND, NEBRASKA.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired.

E. Z. RUSSELL, BLAIR, NEB.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.

F. A. STRONG, ORIENT, IA.

112 CHOICE DUROC JERSEYS 112.

SIRE by Duroc Challenger's Wonder S 34637, Crimson's Critic 40921 and Chimie's Advance 32291, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

WELCH'S POPULAR PRICED DUROC JERSEYS

I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address,

S. I. WELCH, Cherokee, Ia.

MINNESOTA'S HERD OF DUROCS

FOR SALE—One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars—herd headers among them. Let me hear from you. Harmon Gruver, Brewster, Minn.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale, sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad for Me; Big I Am. Write for prices.

H. B. GRIFFITHS, BOWEN, ILL.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd headers. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

DUROC JERSEY HOGS.

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. PETERSON, LYONS, NEB.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther II, by Hambletonian (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

Pleasant Dale Stock Farm.

CEO. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farm.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd bull Expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$6 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. S. J. Butts, Mason City, Iowa.

SETTING SUN herd of Duroc Jerseys. 20 head of Feb. and March boars at prices that will sell them. Address, I. C. Welch, Bedford, Iowa.

POLAND CHINA HOGS.

POLAND CHINA BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE, IOWA STATE COLLEGE, AMES, IOWA

30 Poland China Boars

Sired by R'S KEEP ON 92219, IOWA CHIEF 82591, WINNING PERFECTION 81555, IMPERIAL PERFECTION.

THE home of the large, heavy-boned Poland Chinas. We are offering a splendid lot of boars for sale, and a few good sows sired by R's Keep On and Iowa Chief. If you want size and quality combined, come to us.

REUBEL BROS., ROCKWELL CITY, IA.

CHOICE

POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

HAMAKER's large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs not akin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

PIONEER HERD POLAND CHINA SWINE

W. Z. SWALLOW, BOONEVILLE, IOWA, Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Albert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shunrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

DORR'S POLAND CHINA BOARS.

115 SPRING pigs, 17 cracking good fall boars sired by Dorrr's Tecumseh, Keep On and Indiana King. My prices are within reach of all.

HENRY DORR, REMSEN, IA.

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.

DR. H. PRITCHARD, - WISNER, NEB.

Poland China Boars

AT Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. DAVENPORT, BELMONT, IA.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneeda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. BOOTH, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

POLAND CHINA HOGS.



MATCHLESS PERFECTION.

30 FALL BOARS 40 SPRING BOARS.

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy, and Correct I Know. Write us at once. We can certainly fill your order to your satisfaction. Address,

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THE JOE YOUNG HERD POLAND CHINAS.

25 FALL BOARS (Great big lusty fellows. Sired by Mass Chief, My Price, Matchless Perfection Jr., Oakland's Prospect, T's Tecumseh) and Perfect, a grandson of Corrector. We can fill your order. Address,

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200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

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45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

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20 Fall boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

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WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrowed stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

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BREEDER of Poland China swine of the most fashionable strains and popular families. 50 spring pigs of exceptional merit for sale at reasonable prices. Oxford Down rams from imported sire and dam will be priced right considering quality and breeding. Correspondence and inspection solicited.

FOR SALE

THE great Poland China boar O. R. Standard, No. 87959. O. R. Standard is sired by Mammoth Standard, No. 62591, dam Lady Lightfoot's Best 196008. This boar weighs about 700 pounds; one of the prize winners at the Iowa State Fair in 1904. He has a large bone and walks around like a pig. We also have two good boar pigs for sale, sired by O. R. Standard, March farrow, dam Hazel Perfection 95280. For further particulars, address,

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AGED and tried sows, fall yearlings and spring gilts, all bred and safe in pig to Chief Perfection 1st 48029, Challenger 81225 and Prince Charming 93281 no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice late boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old.

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I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

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MY last sale averaged over \$50. My type is the hog-men's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.

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POLAND China pigs sired by Duke's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall.

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Sired by Robert J. 102627, and Keep Alert, by the great Prince Albert, and by Manager 102625, one of the best sons of the noted Meddler. These are all boars.

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INCLUDING my Cruickshank herd bull Red Bud 145102, and 10 or 12 cows and heifers. These are bargains if taken soon. Write me quick.

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VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

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Bargains in
Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208906. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

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TWO straight Scotch bulls for sale; one four years old, by Imp. Red Light out of an imported cow. The other will be one year old in August, a Brawith Bud. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,
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ALL REDS AND DEHORND

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Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

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HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 208904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

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I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,
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BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 60 head quick. Farmer's prices. Come or write.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,
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3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Roy, an Avalanche. A choice herd header. Smooth, finequality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

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FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequaled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,
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WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42550, litter brother to Per. E. H. 85201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

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I HAVE winter and spring boars of this breed for
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A CHOICE lot of boars and gilts of March farrow
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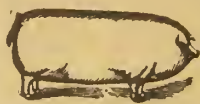
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A CHOICE lot of March pigs for sale ready to ship
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Ship nothing but the best. Satisfied customers
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100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium
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I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days.
200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.
O. H. LEWIS, - - - - - GENESEO, ILL.

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I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa
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Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A.
Will pay express until September 1st. Send in your orders at once for extra good stock at
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O. I. C.'S

ON Friday, November 2d at Independence, Mo., I will sell the
best lot of O. I. C. boars and gilts that I have ever raised. The
blood of The Champions, Kerr Dick and Big Mary, will predomi-
nate. If interested write me about them. Address,

O. L. KERR, INDEPENDENCE, MO.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted
prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize
boar at Iowa and Minnesota state fairs, 1st and sweepstakes at Interstate fair Sioux
City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis.
Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.

**BARBER'S PREMIUM CHESTER WHITES.**

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in
1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs
in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number
of sows and boars. Write me first. Address,
J. L. BARBER, R. R. 3, HARLAN, IOWA.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by
our firm. We are making good prices on the get of Norway Chief and other boars used. Our past sea-
son's business was very good. We intend to make a better offering than in the past. All hogs are eligible
to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent Klug, Keiser
FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

OUR spring crop of Chester Whites representing 5
families, good as there is in the U.S., although few
in numbers, are extra good in quality. Up to Aug. 1,
we will ship C.O.D. and prepay express. 12 fall gilts,
bred, for sale.

MAPLE LAWN FARM,
W. M. Mercer, Prop. Aurora, Ill.

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BREEDERS of Chester White swine. 85 early
spring pigs for sale now. Mostly out of old sows
and by three boars namely Shaw, Chief and Govern-
nor. Long bodies, heavy bone and short wide heads
is our style.

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FOR sale ready to ship. Also my herd header Gold
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lish. J. M. Janssen, P. O. Box 627, Sibley, Iowa.

KING B. HERD CHESTER WHITES.

70 SPRING pigs for sale, pairs not akin. B. R.
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OHIO Improved Chester Whites. October, Janu-
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ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook,
Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Cham-
pion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds,
Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad,
Homestead Black Jam and Morning Star 21. We can supply any class cattle desired. Come to Holbrook and
allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget
of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150, 40 choice bulls and some cows now
for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2
years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address,
Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

10 Angus Bulls 10

For Sale

10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS,
GREYSTONE PRIDES and other females by
such sires as BLACK JAM 3D 30709, IMP.
ABERLOUR 41201, BELL'S ECLIPSE 3D
57424, QUOCUE 46102, LEON ARTIST 33619.

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to
O. D. WRAY, Bloomfield, Iowa.

Seeley Daddies

BLACKBIRD to the first prize yearling bull at
the World's Fair heads the herd, composed of the
best families of the breed. We invite you to see them
on Springdale Stock Farm joining this city.

W. B. SEELEY,
Mount Pleasant, - - - - - Iowa.

12 Head Aberdeen Angus Bulls For Sale
Of the Blackbird, K. Pride, Trojan Erica and Queen
Mother families ready for service. Will be priced
right. Herd headed by Prince of Pilsen 59249, weigh-
ing 2020 lbs. and as active as a cat, sired by Crae-
wood Black Knight 39477, sold at the Miller sale for
\$2,000. Address, WHITE BROS., PERRY, IOWA.

When writing please mention this paper.

THE WHEATLEY & WARD
...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls,
Maplehurst Proteros 47851, Han Lad 2d and
Gardner's Earl Rosegay 52837. Females represent
Queen Mothers, Prides, Heather Bells, Ericas,
Euster Tullochs, etc. 16 bulls for sale ranging in age
from 10 to 24 months. The herd heading sort. In-
spection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

IOWA ABERDEEN ANGUS CATTLE.

IF Iowa farmers want Iowa grown Aberdeen An-
gus bulls, 12 months old, we have them at farmers'
prices. Ten good ones. Pride, Queen Mother, Fa-
vorite, etc. Our herd bull, Proud Blackcap 39946, a
Blackbird topped Pride, 6 years old, cannot use him
any longer. Will sell some choice cows and heifers
cheap. Twenty years breeders of Daddies.

ALLEN BROS., NEW SHARON, IOWA.

FOR SALE

A BERDEEN Angus cattle of all ages at farmers'
prices. Rosegay Lad 70259 at head of herd. Can
ship over three roads. Address,

JAMES SPEAR, STANWOOD, IOWA.

10 Aberdeen Angus Bulls For Sale 10
12 to 14 months old.

WILL sell at farmers' prices. \$100 gets a good bull.
Prides, Queen Mothers, Heather Blooms, Ro-
thenie Queens, etc. Address,
JOHN E. GRIFITH, WASHINGTON, IA.
(Mention Homestead.)

When writing please mention this paper.

ABERDEEN ANGUS CATTLE.

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number
of growthy, thick bulls at very reasonable prices
Herd now headed by Blackene and Keilor Victor 3d.
Rosenfeld & Siverly, Kelley, Story Co., Iowa.

Pleasant Hill Herd of Aberdeen Angus.
STOCK for sale of both sexes, sired by the great
Pride bull, Baltimore of Glendale 24275.
J. Nissen, Meservey, Cerro Gordo County, Iowa

The New State
of Oklahoma

Bigger than Missouri, as big as Ohio and
Indiana combined, with a soil teeming with
all the crops that any state raises, OKLA-
HOMA (the new state) is destined to oc-
cupy first rank in a few short years. Here
at the present time over a million people
are duplicating the life which is going on
in Illinois and Indiana. Their houses, their
towns and their schools are newer, but in
nothing else do their surroundings differ from
those in other states. Their cities and
towns are growing and expanding with the
impetus of a fertile soil, and a pushing,
wide-awake citizenship. Her settlers, main-
ly from the older states, see the virtue of
encouraging enterprises of every kind and the
needfulness of getting more and better fa-
cilities, of getting more hands to develop
the country.

In brief, conditions today are simply these:
OKLAHOMA is in need of nothing save peo-
ple. More men are needed in the cities
and towns; more farmers for the vast areas
of unimproved land not now yielding crops
of which it is capable. There are open-
ings of all sorts, for farmers and artisans,
for mills and manufacturing plants, for small
stores of all kinds.

Your Opportunity Now

The opportune time is now while the land
is cheap. The country is fast settling up.
If you purchase land now you will soon see
grow up around you a community of pros-
perous energetic men who, like yourself, have
seen the brighter possibilities of OKLAHOMA
and have taken advantage of them.

If you are in any way interested in OKLA-
HOMA I'd like to send you a copy of my
free paper, "The Coming Country."

On First and Third Tuesdays

of each month you can make a trip to OK-
LAHOMA exceptionally cheap. Round-trip
tickets good thirty (30) days will be sold by
all lines in connection with the M., K. & T.
Ry. at very low rates. From Chicago to
Oklahoma City the rate is \$24.55; from St.
Paul, \$26.25; from St. Louis, \$18.30; from Kan-
sas City, \$12.25. The tickets permit of stop-
overs in both directions via M., K. & T. Ry.
If your nearest railroad agent cannot give
you the rates, write me for particulars.



W. S. ST. GEORGE

GENERAL PASSENGER AGENT

M. K. & T. Ry.

Wainwright Bldg., St. Louis, Mo.

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Famous Course Dinners, 75c.

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greater profits per acre than in any other
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VOL. LI. NO. 35.

DES MOINES, IOWA, AUGUST 30, 1906.

WHOLE NO. 2563.

THE WINTER WHEAT SEED BED.

We would like to say a last word for this season on the subject of preparing a seed bed for winter wheat. The one principle that should be kept in mind at all times is that a winter wheat seed bed should be firm below, though the surface ought to be uniformly fine.

In order to bring this condition about plowing should be done early, as has frequently been recommended in these columns. We admit, however, that it is sometimes impossible to do the work at the right time, and we know that there are thousands of stubble fields that are yet to be plowed in preparation of a seed bed for winter wheat. In such a case the next best thing must be done, namely, that the harrow should be freely used after plowing. Where a roller is available the seed bed may be brought into more ideal condition if this implement is alternated with the harrow than will be the case if the harrow alone is used. However, in the absence of the roller an almost perfect seed bed can be made with the harrow. It may be necessary to go over the soil as much as half a dozen times in order to bring it into the right condition, but it should be remembered that the labor expended this fall will be profitable labor.

In working the soil down in order to get it firm after plowing the surface is brought into almost ideal condition. The seed may then be uniformly covered and the crop will start evenly. To follow this up and take advantage of all the work that is done in preparing the seed bed one should use the drill in seeding. There seems to be some natural advantage that has not really been explained in sowing winter wheat with the drill. It means not only the even distribution of the seed and uniform covering, but drill-sown grain seems to be heaved out with greater difficulty than that which is sown broadcast. As to time of sowing, this must depend on the location. Each community usually has this matter sized up correctly and the best guide to go by is the experience of those who are most successful in the community. Generally speaking, it is our opinion that it would be better if more wheat were sown earlier than is the usual custom. We have never seen an instance where a growth of six or seven inches in the fall hurt the crop, but have known many cases where the yield was increased as much as ten or fifteen bushels by a good fall growth. We have in mind one instance where a field of twenty acres yielded more than forty-seven bushels per acre and the grain weighed sixty-two pounds per bushel as it came from the thrashing machine. This crop made a growth of several inches the previous fall and no winter killing whatever took place. On the same farm wheat sown three weeks later yielded a little more than half the amount

mentioned above. A good top means a strong root, and throughout a large area of the winter wheat belt this strong root is an absolute necessity if maximum yields are to be expected.

Where wheat is sown early a comparatively light seeding is better than a heavy one. Five pecks of the Turkey Red variety will usually be plenty thick enough. Indeed, where the drill is used the custom in some localities is to sow only one bushel per acre. Where it is sown broadcast, however, even six pecks will not be too much.

DRY OR SOAKED FEED FOR HOGS.

Throughout the central West hogs are to a large extent taken through the summer and fall months on pastures, together with such slops as are available from the kitchen and dairy, with the possible addition of a little grain daily. However, as corn begins to harden the new crop is resorted to in most instances, and unfortunately the temptation is a little too strong to feed new corn alone. If every farmer in the corn belt could be persuaded to feed his fattening hogs a little slop daily, composed of bran and shorts or the cereals ground with the possible addition of tankage or oil meal, it would unquestionably prevent a heavy loss from disease. Not that corn contains any germ disease, but as a rule it heats the system and makes the animals much more liable to an attack when the germs of disease are introduced.

Just how supplemental foods should be fed, whether dry or wet, is a matter that is frequently debated. Some time ago the department of agriculture prepared a bulletin in which this subject was treated. A number of experiments are cited and data given showing the gains made from the foods used, both

wet and dry. The conclusions given in this bulletin are as follows:

These results show an advantage of slightly over 2 per cent in favor of soaking as compared with feeding dry. The results at Ottawa and in Missouri are worthy of particular notice. Grisdale calls attention to the fact that in the Ottawa experiments a loss is shown by soaking ground grain, but the whole grain returned the better gains when fed soaked, and suggests that the result from soaking meal may not be so marked as from soaking whole grain. The Missouri results seem to present contradictory evidence in the second test, when four-fifths of the ration was whole wheat.

Two experiments carried on at the Illinois Experiment Station to compare soaked and dry shelled corn gave rather indefinite results. Four pigs, fed in pens, were used in each case, two being fed on soaked shelled corn and two on dry shelled corn. They had no other feed. The first test lasted from April 23, 1889, to May 27, 1889; the second from June 10 to July 22, 1889. In the second trial the pigs were well fattened when the experiment commenced. Sixty pounds of corn were put in water at one time, at the rate of one bushel of shelled corn to about eight gallons of water, and taken out as needed for feeding. The daily gains favored the pigs on soaked corn in both tests; but in the first test there was an advantage of about 4½ per cent in favor of soaking, while in the second there was an advantage of about 6½ per cent in favor of the pigs on dry corn.

Many experiments on this subject scarcely go directly to the point. In most cases all the feed has been fed either in the form of slop or, on the other hand, dry. In practical operations where one is anxious to get large gains on hogs successful feeders know that a hog will do better if some of his feed is fed dry and part of it in the form of slop. We have no hesitation in saying that the average fattening hog that is being finished on corn will make considerably larger gains if, in addition to the corn, a good feed of slop is fed once a day. This is true when new corn is being fed as well as when the corn is hard.

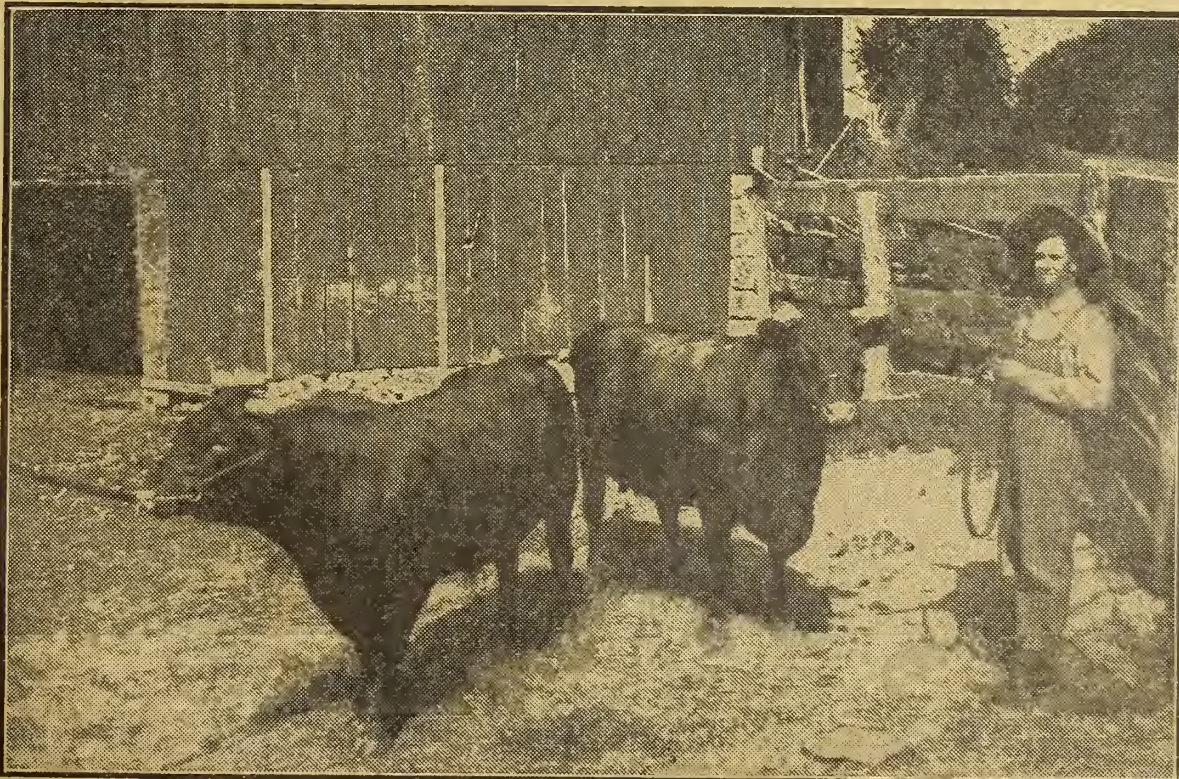
The slop itself, in addition to being of equal feeding value, if not greater than the dry grain, seems to contribute to a better assimilation of the other part of the ration. This is particularly true if one adds considerable variety, making up, for example, a slop composed of such grains as bran and shorts, together with some of the rich meals like oil meal or tankage. It seems to act very much in the same way that a feed of roots does for the steer or cow. Although roots contain 80 or 90 per cent of water, yet they have a feeding value very much higher than would be indicated by their chemical analyses. It may be that it gives the system power to assimilate a larger percentage of other foods, but whatever it is we have always held to the opinion that a good slop fed before it is sour acts very much in the same way. We conclude therefore that the experiments showing an average of 2 per cent in favor of soaking grain do not exactly cover the point, and we have no hesitation in stating that 10 per cent greater gains may be made from a given amount of food if part of it is fed in the form of slop.

ABSURDITY OF SHOCK THRASHING.

The harm is already done this year and not one penny's worth of crop loss can be retrieved by anything that is said on the above subject at this time. The thought of mentioning the subject out of season, as it were, has been forced to our attention as the result of observation.

We have in mind fields of winter wheat, early oats and barley that have been standing in the shock for a period of six or seven weeks. Practically speaking, there have been whole weeks when the crop was sufficiently dry to put in-

to the stack, but the thrashing machine was waited for with the result that thousands of fields may be found today with sprouts several inches long coming out of the sheaves. We do not deny that possibly one farmer in five in every thrashing neighborhood succeeds in getting his grain thrashed from the shock at the right time, but a year like this brings grief to the other four. When you have once helped a neighbor to thrash directly from the shock it seems like uphill work to afterwards turn in and stack your own grain. Usually the machine covers a considerable distance in a very short time during the first part of the season, catching a farmer who is ready here and another there. This results in discommoding the whole scheme and it leaves farmers in most instances in a predicament. We are unable to place an accurate estimate on the loss that is annually caused by allowing grain to remain in the shock too long, but we do not believe it would be too high to say that the loss amounts to



The above illustration of the Cruickshank cow, Victoria of Meadow Farm 4th, and her yearling son, Victor Knight, show the kind of Short-horns that go in M. L. Logan's sale at Lineville, Iowa, on September 18, 1906. Victoria of Meadow Farm 4th was got by Baron Gold Dust 3d and is out of Victoria of Meadow Farm by Lord of Linwood, then follow such sires as Earl Marshall, Favorite, Roan Gauntlet, Pride of the Isles, Champion of England, etc. She sells with bull calf at foot got by Victor Knight, a Cruickshank Violet bull got by the \$1,000 Baron Dudding. Victor Knight is of the same breeding and is one of the choice young herd bulls to be sold this year. See page 24 for Mr. Logan's advertising. He sells forty-four head, over one-third of which are straight Scotch.

10 per cent of the small grain crop raised in the corn belt.

The argument may be advanced that in many cases help is so scarce that it becomes necessary for neighbors to combine and thrash from the shock, and this may be partly true, especially where one man is trying to operate his eighty acres or quarter section farm himself. We have been in exactly that predicament many times and have always succeeded in changing work with a neighbor so that each of us has for years been fortunate enough to have our grain in the stack in good season, thus escaping entirely any injury that might afterwards come to the grain on account of bleaching in the hot sun or on account of the injury wrought by rain.

The subject is not a congenial one to deal with in an agricultural paper, because we realize that most farmers, even though they do not stack, feel that they are doing the best they can under the circumstances. We appreciate the fact that no man argues against the principle of stacking grain, the practice of thrashing from the shock being, seemingly, forced upon many on account of scarcity of help, inability to stack well or other causes.

The loss this year will, in our opinion, be enough experience for a great many who had planned to thrash in the shock, and we shall not be surprised if stacking grain in the future will greatly increase.

SOME SUGGESTIONS ON CEMENT STRUCTURES.

A subscriber from Cass county, Iowa, sends the following communication:

I wish you would give me a little information on the making of cement structures, such as posts, walls, sidewalks, etc. I have had a little experience that has cost me dearly. Made a good many posts and find that they are not as good as I had expected. Some of my neighbors tell me that I put them in the ground too early. I do not think so, as they were more than one month old when they were set. Some say that you should keep cement wet while hardening. Is there anything in this theory? How long, in your opinion, would it take a cement fence post to dry so that it is fit to use?

There is one principle that should be kept in mind in the making of cement structures, namely, that the hardening process is assisted by the free use of water. If drying takes place too fast, there seems to be a sort of chemical action which takes place between the cement and sand which results in reducing the adhesiveness of one particle to the other. Where moisture is present, this is prevented and the outcome is a stronger structure.

We think the trouble in the case of these weak posts was due to putting them in the ground too early. An illustration that has been brought to our attention recently will throw a little light on this subject. A cement manufacturing concern made a number of cement blocks for sidewalk purposes, two and one-half inches thick, in the month of October. The following June it became necessary in the laying of a sidewalk to cut one of these blocks in two. In the center the cement was found to be as green and soft as the day it was put in the block. From this it will be apparent that in the matter of two or three weeks posts will only be dried on the outside, so that the strength of a mere shell covering is all that one can expect. Those who have had most experience along this line claim that it requires twelve months' seasoning before posts should be put in the ground. For the first few weeks, water should be poured over them once or twice a day, as this prevents such chemical action as referred to above, which results in weakening the posts.

In the case of floors it is always advisable to keep them damp, wherever possible, for a few weeks. Sidewalk builders who have made a record in towns and cities always made a practice of keeping their new walks covered during the first few weeks, and the covering is soaked with water every day. While in the West recently we observed that the builders of sidewalks made a practice of covering their walks with soil after the cement had set about twenty-four hours. The soil was afterwards wetted and kept in this condition for several days, and upon inquiry we found that this practice had prevailed in that city for many years and that up to date no trouble had been experienced in sidewalks cracking or shelling.

Do not be deceived in what you buy but turn to page 5 and see what the Litchfield Manufacturing Company have to say in their continued story.

Early Selection of Seed Corn.

BY C. RAY MOORE.

Corn improvement has attracted great attention in the past few years, and the more progressive and enterprising farmers in all the corn belt states now realize that time spent in improving the corn crop in any way is time profitably spent.

They say "necessity is the mother of invention," and this is just as true in the agricultural world as in the mechanical.

The rapid rise in land values throughout the corn belt has made increased production necessary, for the farmer of today cannot hope to acquire and pay for \$75 land by following the same methods his father employed in purchasing land at \$10 and \$15 per acre.

And it is this very necessity for increased production which has been largely instrumental in causing men to invent or study out new ways of increasing the yield and quality of our corn.

All through the past spring and summer, your paper has devoted much space to discussions of the proper methods of cultivating the growing crop. This was eminently practical and proper, but our work of this sort is finished for this year. The only chance for improvement is to take those steps which will lead to greatest improvement in next season's crop.

At this time of the year, the corn-grower can go through his fields and determine to a large degree the relative importance of the different factors which have influenced the growth, and which will soon influence the yield, of his corn crop.

A careful observation of the different fields will doubtless furnish evidence of some instances when his neglect or carelessness has brought about certain conditions which will have a tendency to lower his yield of corn per acre, and so reduce his profits proportionately. It may be that the mistake was made when preparing the seed bed, or possibly in the subsequent cultivation, but more likely the field is showing the effects of planting seed of poor vitality.

Even though a careful count of the stalks per hundred hills should show a reasonably good stand of corn, yet if many of the stalks are rather weakly, they will not produce good ears, and the yield will be greatly reduced. This condition is much more common than we sometimes imagine, and it is almost always traceable to the planting of seed which was weak in vitality.

Could we trace these unprofitable plants back to the parent seed, we would find that the grains from which they grew had not sufficient vitality to produce strong, vigorous stalks. So we can see that the planting of unhealthy seed is largely responsible for the poor yields so often obtained, and this condition will never be improved until farmers pay more attention to selecting and storing their seed corn.

It is now a recognized fact that the individual stalk is the basis from which all improvement in our corn must come. So in selecting the ears for our next year's seed, we must select them at a time when the ear and stalk can be observed together, and the best time to do this is about the time the corn has reached the dent stage, while the stalk is still vigorous and green. Our plan is to go through that part of the field where the grower knows his best corn can be found, and carefully observe the ears, together with the stalks on which they are growing.

The first thing to notice is the height of the ear from the ground. Very low ears usually mature earlier than the main portion of the crop, while the very high ears are later maturing. When seed from these high and low ears are planted together, indiscriminately, there will be great unevenness in time of tasseling and silking, which results in poor pollination and a crop of nubbins.

While if ears of a uniform height are selected, say ears that hang about even with the waist, the tassels will appear at practically the same time, and this invariably results in a larger and better lot of corn. It is easier to husk, too, if all the ears are borne at a height of three or four feet from the ground.

Next notice the foliage and size of the stalk. A strong, vigorous stalk,

showing broad leaves, and a large, healthy tassel is preferred. And then, last of all, observe the apparent size and character of the ear. Avoid ears which seem to taper too rapidly, especially. We do not pick the ear at this time. Our reason for this is that we do not think it best to remove the ear from its stalk at this period of its growth, as the ear has not yet received its full amount of strength and nourishment from the stalk.

If the ear is husked at this time, it is very hard to dry it out properly, and where two ears touch each other on the rack or wire, there is likely to be moldy grains. Then, too, when the corn is picked from the stalk before it has absorbed its full quota of nutrients, it will not have sufficient plant food stored up about the embryo or germ, and next season, when the grain is put in the ground, it will send up a weak, sickly stalk, or perhaps none at all, if conditions are unfavorable at sprouting time.

While working on this preliminary selection, we do not pull back the husks which protect the ear, as this would allow the fall rains to rot the grains, or the grasshoppers to chew them.

It being so early in the fall, of course we could not pay much attention to the character of the grain, so we must merely select two or three times as much seed as we expect to need, and then after the corn is husked, we can throw out those ears which have poor grains.

But perhaps my readers are wondering what is the use for all this work of early selection, since we do not husk the ears at this time. Our plan is this: Instead of husking the ear at this time, when it has not yet received its full share of food from the plant, we mark the ear by breaking over the tassel and upper part of the stalk, and bending this down to the ear. Then leave these ears on the stalk until say, the first half of October, when they can be husked and stored. They will then be sound, bright ears which have been allowed to mature and dry on the stalk, and are full of vitality and able to produce strong, healthy plants.

This method of selecting and marking the ears at a time when the habits of the stalk can be observed, is becoming more popular every year. Some growers use other methods in marking the stalks, but the one described above is very simple and satisfactory. Much of the improvement which will be made in corn in the future will come through the use of the above described method of selection. The ordinary farmer thinks he is too busy to bother with breeding blocks, detasseling, etc., but this much is certainly within his reach. If every farmer in the corn belt could be induced to select his seed corn in this manner, the value of the corn crop would be increased one-half the first year.

We all know what a loss it means if we are compelled to select seed after it has been damaged by freezing, or what is even worse, to have to select it from the crib at planting time. Why, then, do we, so many of us, go on year after year in the same old rut?

THE SQUEALING PIG.

We have been very free to advocate the policy of feeding farm animals liberally under practically all circumstances. Of course on a subject of this kind it is impossible to make a sweeping statement that is applicable in detail to animals of all ages.

During the next two months there will be heavy losses due to cholera or swine plague. These diseases, although not as common as they were formerly, are breaking out here and there throughout the central West. There may be a difference of opinion among men as to whether the disease can be checked when it once gets into a herd or not, but all will agree that the best policy is to keep it out if it is at all possible.

It is a sensible thing to feed growing pigs or even hogs lightly when there is cholera or swine plague in the neighborhood. The squealing hog is usually a healthy hog, and while it is practicable to feed a little grain every day along with pasture so as to keep young pigs growing well, at the same time comparatively little grain will do the work.

The method of handling and the con-

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duct of a bunch comprised of 150 pigs that were swept away by cholera a month ago may be taken as a typical instance showing how the disease takes hold when conditions are favorable. These pigs were fed about all the grain they would eat while sucking, and they were kept on what is ordinarily called heavy feeding after they were weaned. At no time were they equal to the task of cleaning up the troughs at feeding time, though some time during the day they succeeded in eating up everything that was placed in the troughs. They were in a state of constant satisfaction, so far as the food supply was concerned, and, as the owner expressed it after they were swept away with cholera, "they never knew what it was to equal."

Seemingly, before cholera germs were introduced some of these pigs got off feed and seemed to dry up, as it were. They poked around with their noses on the ground and their tails hanging straight with an exceedingly tucked up appearance of flank. The manure was hard and dry, though after a few days they began to scour and a comparatively short time ensued between this date and death.

We believe this was an instance where hogs were overfed, their digestive system being thrown out of order by the extravagant use of food. This was followed by a sort of feverish condition and, as described above, loss of appetite so that conditions were ideal for the development of disease when the germ became lodged in the system. We do not say that hungry, vigorous hogs will never take cholera, but we do believe that in nine cases out of ten keeping them active and not supplying much grain during the first four or five months will tide them over.

New corn is now being fed and there is a little danger attending the feeding of the new crop. The only advice we can give as to the feeding of new corn is to go cautiously. An ear a day for the first week when pigs have had little or no grain is plenty. In the course of ten days or two weeks a little more may be fed with safety. One should take at least a month or six weeks to get them onto corn, and even then when handling pigs five or six months old there is no sense in giving all they will consume. It is better to keep their appetites keen right through until cold weather approaches, though of course before that time enough may be fed to put on good daily gains.

As a closing word, we would like to advise the use of a small amount of mill feed or rich meals. Even if a slop is only fed two or three times a week it will do much by way of contributing to health and vigor. Hogs will relish it greatly and there will be no difficulty about using a little coal tar disinfectant in the slop. When hogs are on full feed the disinfectant usually makes the slop so unpalatable that it is not eaten, but just a little now and then seems to answer an exceedingly important purpose. By using a little disinfectant inside and plenty of it in the hog quarters, and if, in addition, their blood is kept cool, as will be the case if fed as described above, one may reasonably expect to escape disease.

KANSAS CITY AND ST. JOSEPH.
ROUND TRIP
\$3.00—\$3.00—\$3.00

Saturday, September 8th, at 10:30 p. m., the Chicago Great Western Railway will have another popular excursion to St. Joseph and Kansas City from Des Moines at rate of \$3.00 for the round trip. Tickets are good only on special train on above date and good to return leaving Kansas City at 11:30 p. m. and St. Joseph at 2:12 a. m. Sunday and Monday nights following. Sleeping car berth rate \$1.00. Special coaches reserved for ladies and gentlemen, for which seat checks are issued in advance when tickets are purchased at City Ticket Office, 514 Walnut St., Des Moines, Iowa.

Farm Furrows

Turned by a Practical Farmer.

No greater mistake can be made than guessing and then calling it thinking.

He who leaves the leaves of the clover plant on the field robs the cattle of the best part of the plant.

A seven-foot mower is a fit companion to the hay loader, as it is just the width required so the loader can take up a swath at a time.

It certainly looks like a wasteful practice to buck away the straw at thrashing time and burn it. There are so many uses to which straw can be put that it does not look right to see it burned.

Red kerosene is the latest fad. It takes the place of a piece of red cloth placed inside the bowl of the lamp. I don't know whether it is as dangerous as the "red lemonade" we see at circuses or not.

Contrary to the views of some people we always work up the waste apples into cider to be used for various purposes. In this way we have been able to get some income out of what would otherwise be waste.

I would much rather have grain in well made shocks than in a poorly built stack. Stacking is almost one of the lost arts. Farmers will have to learn to stack. Scores of them never knew and yet they make attempts.

Sam says a neighbor of his is so economical that when a glass is broken he fills the windows with bed clothing and things. He says they have to remove the clothing from the windows of a cool night so the beds can be dressed.

Some people are ready to condemn a whole orchard just because some small boy of the family is indiscreet enough to fill himself with green apples and a doctor has to be called. What is needed is a little well directed parental influence in cases of this kind.

If every farmer would be as persistent in cleaning the roadsides of weeds as the railroads are in keeping their right of way clean, it would add greatly to the beauty of the country. Compare some of the public roads with the railroads and the former suffers by comparison.

A grove that has been neglected is an abomination. A dense growth of burdock and other noxious weeds cannot add beauty to a grove. It is better to keep the trees well trimmed and cut out so grass can grow there. If kept for a windbreak weeds cannot be of any material help.

There is no use talking about making a wet farm contribute its full share unless it is tile drained. I recently paid a visit to a level country where every farm showed on its face whether it had been tiled or not. Owners of wet farms can do no better than to drain at the earliest possible moment.

A farmer had a small patch that he planted to sweet corn late in the season. A neighbor asked him what he was doing that for, at the same time venturing the opinion that it was to prevent the growth of weeds. He was told that was the prime reason; but he thought the sweet corn stalks would come in handy

for the cows during the period when grass was short and feed scarce. A man who has cows soon realizes the value of sweet corn as a supplementary feed.

Some newspaper articles I attempt to read would not be very long if I were to overlook the introduction and the conclusion. It is curious that some people can't tell what they know and quit. They spend a column trying to show what they are going to say and another telling why they have said it.

Hog cholera is not a phantom to be brushed away with a hope that it will not reach your herd of swine. It is just a question as to whether the germ is introduced or not. When one has done all he can along precautionary lines, he will probably get caught after all, but the careful man generally comes out ahead.

The best hired men I ever had in my farm experience were men who would stay with me only two or three years; then they were able to go to farming for themselves or took up some other vocation with greater opportunities. The man with good habits and especially the industrious habit can get his own price as a hired man.

A road drag is a simple device, but it requires some intelligence to run it. One must know the condition of the soil in the roads and select the proper time to use it. I recently passed over a road where a drag had been used at the wrong time. After a rain is the time to use it when the ground is quite wet, keeping up the work as it dries.

Some people never get acquainted with the workings of a hoe because it requires so much elbow grease. I recently saw a man working a hoe that caught the weeds going and coming. It had two edges and he pushed and pulled, catching weeds both ways. An illustration of this hoe will be published sooner or later in our hints department.

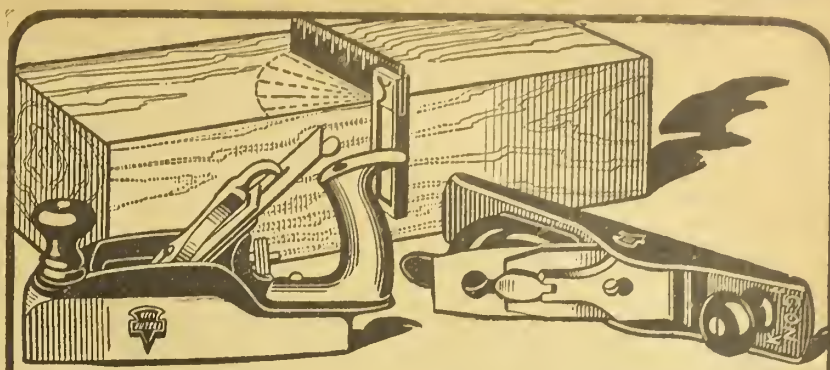
Many of the sons of toil of the present generation do not know the first principles of binding grain by hand. They came on the stage of action since the introduction of the self-binder and have never acquired the art. It is amusing to see some of the grown-up sons trying to bind an occasional bundle that happened to be thrown off unbound.

There seem to be a number of ways of hanging up harness. Some farmers are as indifferent about this as it is possible to be. I recently saw a method pursued by a painstaking farmer that is not unlike that used by firemen in cities. The harness is strung up above the horse. I liked the plan very much. Another hangs his harness in vacant stalls so that there is no bending or breaking of the leather.

A great many people who have never known the meaning of the word "tired" will spend three months at some pleasure resort resting. There is such a thing as knowing how to rest when one is tired, but as a rule the one who most needs rest knows nothing about the science. Look at Russell Sage, who never took a rest of any kind and his labors were most arduous. The farmer who can rest without any pecuniary loss is a prince. We are learning more of the value of rest as the days go by.

In the exclusively wheat growing districts I observe that nothing but basket racks are used. At thrashing or stacking time each man throws on his own load and no one builds it. When the basket is full the load is on. I recently watched a thrasher at work in a northern locality where eight teams and men hauled in the unthrashed grain and four men hauled the thrashed grain and that was all the men required besides the thrashers. No men on the straw at all. The straw was allowed to pile up and was burned soon after thrashing.

The automobile scare is much more serious than I thought it to be. Horses will become accustomed to them if properly educated, but the manner in which some of them are operated is a menace to life and limb. I saw an automobile going along the highway recently at a high speed. It met a farmer whose horses became frightened and turned his vehicle over, but fortunately did no damage. The automobile driver passed rapidly on. There ought to be some law that will automatically turn an auto over under circumstances like these. In Germany teamsters carry fire arms and



True Tools

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in a case of this kind the tires are punctured with lead.

A reader of this paper writing from Adams county, Iowa, says: "A few weeks ago I noticed an item in 'Farm Furrows' which would lead us to think that there have been no improvements in the kitchen in the past twenty years. Twenty years ago we carried our water 150 yards to the kitchen, did our washing and churning by hand. Today our water is piped to the house and flows in boiler and tank by simply turning a valve; the churning, separating of milk and washing are all done by a gasoline engine placed 120 yards away from the kitchen, the same engine being used to grind feed, pump, and turn grindstone, etc. Well, it is just handy, that's all." I wish every farm home could have the most up-to-date equipment like this one. All do not, I am sorry to say.

SPECIAL RAILROAD RATES VIA MINNEAPOLIS & ST. LOUIS R. R.

Special round trip homeseeker rate of one fare plus \$2 to Minnesota, North and South Dakota and Canada every Tuesday. Similar rate first and third Tuesdays of each month, September to November inclusive, to Montana, Idaho, Washington, Oregon and British Columbia.

Cheap round trip summer tourist rates to points in Minnesota, North Dakota and Puget Sound points; also via Great Lakes.

Low one-way colonist rates to western points on sale daily September 15th to October 31st. Please note rates from Des Moines to a few of the more important stations: Billings, Mont., \$19; Helena and Butte, Mont., \$24; Spokane, Wash., \$26.50; Portland, Ore., Seattle and Tacoma, Wash., Vancouver and Victoria, B. C., \$30. For further information please call on or address W. E. Adams, Dist. Pass. Agent, or D. E. Sansburg, City Pass. Agent, 512 Walnut St., Des Moines, Iowa.

HARVEST RATES.

The Minneapolis & St. Louis Railway will sell daily, during August, harvest tickets at special rate of \$14.50 from Des Moines to principal Minnesota and Dakota points, such as Fargo, Grand Forks, Minot, Devil's Lake, etc., with special certificate returning. We will also sell round-trip rates daily, until September 30th, good to return until October 31st, to Fergus Falls and return, \$15; Detroit, Minn., and return, \$16.30; Minneapolis, N. D., and return, \$19.20; Devil's Lake, N. D., and return, \$19.75. Two solid

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EACH TUESDAY THIS YEAR

THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

THE CEMENT WATER TROUGH.

Many inquiries have recently been received from subscribers asking for information concerning the utility of and also methods for constructing cement water troughs. In reply to these we possibly cannot do better than quote from a recent work published by the Atlas Portland Cement Company, of New York City, as follows:

Watering troughs may be made with or without reinforcing, but troughs without reinforcing should have a greater thickness of concrete. Troughs may be built with a solid base or set on bench blocks. One of the sizes in common use is eight feet long, two feet wide at the top and one and one-half feet at the bottom, and one and one-half feet deep, all inside measurements, which may be varied to suit convenience.

Select a level piece of ground and build well braced, bottomless box form from two-inch stuff, the inside measurements being eight feet eight inches long, two feet eight inches broad and two feet one inch deep. Ram the ground hard inside the form. Grease the form well and put in a layer of concrete, one part Portland cement; two parts clean, coarse sand and four parts broken stone, mixed to jelly-like consistency, two and one-half inches deep, and tamp well. Place a sheet of woven wire fabric over the concrete, letting it come to within one inch of the top of forms at sides and ends. Put in two and one-half inches more concrete over the bottom, and ram lightly to bring mortar to the surface, and smooth it carefully. As soon as it is laid and before it has begun to set, put the inner form (well greased) in place, taking care to keep it at equal distance from the sides and ends. The inner form should be made of two-inch stuff and slightly wedge shape. The outside dimensions may be as follows: Eight feet long, one and one-half feet deep, two feet broad at top of trough and one and one-half feet broad at bottom. Fill in the spaces between the two forms with soft concrete, tamping lightly or puddling. Remove forms next day, or as soon as concrete will bear pressure of thumb, and smooth off irregularities in surface, then, as soon as hard enough not to crumble, paint with pure cement mixed as thick as cream.

Inlet and outlet bores may be made by putting pieces of pipe in place before filling in the concrete, or a greased, tapering wooden plug, to be drawn out when concrete has set.

A trough with a solid concrete base should be made in the same general way, the forms carried up to the desired height of trough and the reinforcing imbedded in the concrete a few inches from the inside. Troughs should be protected from the sun and currents of air for several days and kept wet by sprinkling.

Concerning the insertion of pipes for inlet and outlet it may be said that it is a simple matter to insert a 1½-inch pipe with coupling in the bottom of the trough while the cement is green, having the top of the coupling just flush with the floor of the cement. Into this may be screwed a short stand-pipe, which should be nearly as long as the tank is high. This allows for overflow of the water when the tank is nearly full, and when it is unscrewed the tank may be quickly emptied.

Many persons advocate the practice of mixing a good deal of wire in the walls of the tank. This unquestionably adds strength and possibly may prevent the cracking of the sides of the tank in cold weather.

It will be noticed in the description of the inner form given above that the width of this form is two feet at the top and one and a half feet at the bottom. Some advocate making the walls of the tank at the base even thicker than this, it being claimed that the walls of the tank should be at least six inches thick at the top and from one foot to sixteen inches at the bottom. This of course means that considerably more ma-

terial will be required in making the tank, but it almost makes it unbreakable when the water in the tank freezes.

KANSAS CITY MAN OFFERS PREMIUM ON BLACK CATTLE.

Some time ago the announcement was made that Mr. A. Weber, of Kansas City, had offered a cash prize of \$500 for the best carload of fat Angus and Galloway steers averaging 1,400 pounds or upwards, to be exhibited at the American Royal Live Stock Show this year. After making this liberal offer Mr. Weber was approached by those looking after the interests of the Herefords and Short-horns, and he gave his promise that a similar sum would be given for Herefords and Short-horns at the 1907 American Royal Show. In other words, Mr. Weber has given already to the American Royal Management \$1,000, one-half of which is to be paid to the owner of the best carload of fat Angus or Galloway steers shown at this year's American Royal and one-half to the best carload of Hereford or Short-horn steers exhibited at the American Royal in 1907.

This premium of \$500 is likely to attract the attention of outside feeders. Already Iowa and Illinois breeders have indicated their intention to compete for it. What Mr. Weber has in mind will undoubtedly be brought to pass, namely, that of encouraging steer feeders to make an extensive exhibit of their fat animals.

TAKING EDUCATION TO THE PEOPLE

A very marked change has been made in the attitude of the "common people" toward educational questions in recent times. The universities and colleges have always been regarded as institutions suited for the instruction of the well-to-do or rich. Today there are many signs which indicate that these institutions are to serve first and foremost the working people. Not that the number in attendance at these institutions is to be largely and suddenly increased, but rather that education shall be taken to the homes.

This is indicated by the establishment here and there throughout the central West of what are known as the short courses. The matter is brought to our attention at this time by an announcement which comes from Mt. Pleasant, Iowa, in which one week has been set apart by the citizens of that town during which time a course in corn judging, live stock judging and domestic science will be given. This school begins December 17th, next. Prof. C. F. Curtiss will have charge of the stock judging, assisted by Prof. R. K. Bliss, while the well-known specialist, Prof. P. G. Holden, and his assistants will give instruction in the matter of corn and grain judging.

It must be apparent to even the superficial observer that an occasion of this kind furnishes an opportunity to hundreds of young men to acquire valuable information relating to subjects in which they are interested at home, who would be utterly unable to give the time and bear the expense necessary to attend the agricultural college. Education is for the masses, and a course of this kind indicates that they are coming into possession of their own.

VALUE OF SENSIBLE DISINFECTION.

In a bulletin recently prepared by the Indiana Experiment Station this subject is discussed at length. Attention is called to the fact that the object of disinfection is to kill disease germs. Sunlight is the natural disinfectant and should be employed wherever it is possible, both for the prevention of disease and the stamping out of same. Sound logic demands that the greatest possible amount of light be admitted into stables and animals' quarters. We now quote from the bulletin referred to:

Steam generated to a pressure of twenty pounds may be carried inside the barn or stable by means of a hose and a jet directed upon every part of the walls, ceiling, stable fixtures, and floor. This is quickly done and not expensive, as a thrasher engine can be bired at almost any place. Burning may be employed in some feed lots.

Among the chemical agents which may be used is a one-fourth of 1 per cent solution of formaldehyde applied with a spray pump. The application of a 2 to 4 per cent solution of coal tar disinfectants, such as cresol, or carbolic acid, may be made in the same manner and are not so disagreeable to apply. Every part must be thoroughly covered.

An excellent disinfectant, one always obtainable, is turpentine. This may be sprayed or painted on the same as the others. It is a little too expensive for use upon a large place. Another is good, fresh whitewash. There are many places where this should



If you are to put a new roof on your barns, poultry houses, outbuildings, or even your residence, use the "Grand Old Roofing"—RUBEROID. You can apply it yourself. We furnish Free all the necessary fixtures. No experience required.

During the hot summer Ruberoid will not melt because it contains no tar. It will stand the cold of winter because it retains its pliability indefinitely. Sparks or burning brands will not ignite it.

For your own safety, look for the registered trade mark "RUBEROID," stamped on the under side every four feet. None other is genuine. Send for samples and Booklet L.

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have the preference. It kills germs, holds them whenever they may be caught and lightens dark places. The material can be applied with a spray pump or brush and hurried or incomplete work can be seen as the job progresses or after it has been finished. It has the other requisite so much in demand, cheapness.

There are a number of other disinfectants, but it is better to use those which are least liable to cause injury to the buildings, to be poisonous to stock or harmful to those making the application. We consider the use of formaldehyde the most objectionable of those recommended because of its being so irritating to the nose, eyes, lungs and to the hands.

Harness should be disinfected by first washing with soap and water, and then with the cresol solution, and finally rinsed with water. Blankets can be disinfected best by placing in a tub or a barrel and covering with boiling water. Robes or things which might be injured by the heat or soaking, can be placed in a tight box and a small quantity of formaldehyde placed inside on some cotton (four tablespoonsful to a space equal to that of a flour barrel).

In case an animal be buried, as a result of anthrax, blackleg, hog cholera, swine plague, corn stalk disease, tetanus, or any other soil or water borne disease, the best disinfectant is lime. The lime should be fresh, be broken up into small lumps, and a half barrel be used directly upon the body of a full grown cow or horse. Antiseptic solutions, such as cresol solutions drain away before they accomplish the desired result. Crystals of copper sulphate may be used for the disinfecting. All bedding and litter containing germs of diseases which live on the ground or in water should be burned. The litter from animals infected with glanders, influenza, tuberculosis, strangles or parasitic infections, will be perfectly safe if deposited on cultivated ground, but should not be deposited upon grass land or pasture fields.

We have no hesitation in advising the free use of the coal tar disinfectants in the place of some of those mentioned. The advantage of these over some of the others is that they are absolutely harmless when brought in contact with the skin or hair. Indeed, many farm animals need an application of this kind occasionally in order to cleanse the skin. If a good disinfectant were kept on hand on every farm of the corn belt, we believe it would prevent millions of dollars loss every year, by contributing to the health of animals and by preventing the spread of contagious diseases.

SELECTING SEED CORN EARLY.

Elsewhere in this issue will be found a communication on the subject of selecting seed corn, by Mr. C. Ray Moore, of Kellerton, Iowa. This may be called our first attack on this subject for the season of 1906. We hope that every one of our readers will take the time to read Mr. Moore's article. His method of selecting corn will be acknowledged by the great majority of farmers to involve a little too much labor to be practicable, at the same time we believe that it would be profitable for every man in the corn belt to carry out the plan of action laid down by Mr. Moore.

It is exceedingly important, as he points out, that seed be chosen from stalks that are uniform in height and that bear the ear at a uniform distance from the ground. At the same time where this precaution is taken, some work must be done before the plants have wilted and at such a time seed is too immature to be picked. By bending over the top of the plant so as to

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attract attention later on when the seed itself is selected, one can more quickly than in any other way fix in the crop the characteristics of leaf, stem and location of ear that are desired.

We invite a free discussion on this subject during the next few weeks, in the hope that this will bestir our readers to do a little better in the future than they have in the past. We do not deny that it is possible in many instances to select corn at husking time with reasonable expectations of having results satisfactory, but at the same time, we are confident that the practice of storing corn early will greatly increase in the future.

The only way to have good fruit is to pay attention to the little details. There are so many diseases of fruit trees which if taken in time could be easily cured, but the trouble is that farmers do not notice the start of these diseases. When they are noticed they are so far advanced that they are hard to cure.

It is a fine thing to have the telephone central girl call up the farmers along the various lines and give the weather prognostications for the next twenty-four hours. This is done in many localities.

"Price Is Not the Whole Thing" with the thoroughly up-to-date farmer. He knows the best is the cheapest and buys the Litchfield machinery. See their advertisement on page 5.

VERY LOW RATES TO CHATTANOOGA, TENN.

Via the North-Western Line. Excursion tickets will be sold September 16th to 17th, inclusive, with favorable return limits, on account of Regimental Reunion, Anniversary Battle of Chickamauga. Apply to agents Chicago & North-Western Ry.

ST. JOSEPH AND RETURN.

Account of Interstate Live Stock and Horse Show the Chicago Great Western Railway will sell tickets to St. Joseph, Mo., and return at rate of one and one-third fare on September 22d to 29th, with good return limit. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

PIKE'S PEAK CELEBRATION.

For the above occasion the Chicago Great Western Railway will sell round trip tickets from Des Moines to Denver, Colorado Springs and Pueblo at rate of \$19.25. Tickets good to leave September 19th to 22d and return until October 15th. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

CURRENT EVENTS AND COMMENTS

The Pennsylvania railroad has recently been experimenting with the use of steel passenger and mail coaches. The result of the experience has led this company to begin at once the building of new steel coaches. For some time the postoffice department has been endeavoring to make arrangements with railroads for the construction of steel cars, this being desired on account of the greater protection which such cars would be to the mails, as well as to the clerks. For the past six months a steel mail car has been run on the Erie road and it has been exceedingly satisfactory. A steel coach weighs somewhere in the neighborhood of sixty tons. There are those who are of the opinion that the day for manufacturing wooden cars has passed.

The business situation in the United States, according to a statement recently made by the Commercial National Bank of Chicago, is all that could be desired. Letters from leading banks, according to this statement, in all central cities, show, without exception, that the outlook is entirely satisfactory. Banks throughout the whole country report a strong, healthy and active demand for money at firm rates, and while there is no prospect of recession in interest rates, money is, and probably will continue to be, abundant for legitimate business needs. The rate bill is not feared if it is properly administered. Even in the opinion of railroad men, it will correct abuses and result in good to the railroads as well as to the public.

The latest news from Valparaiso, S. A., indicates that at least 2,000 people have lost their lives in the earthquake and fire, and a conservative estimate of the financial loss places it at \$50,000,000. About 10,000 workmen are now employed in clearing away the ruins and in searching for the bodies of those who lost their lives. It is stated that up to date 150 robbers have been shot. The sale of food and clothing is strictly in the hands of the government officials, and merchants detected in the act of selling foods at even fixed prices are compelled to close their stores.

Mr. A. Elmer Ashbrook, secretary of the Kansas City Horse Show Association, died of apoplexy on Wednesday of last week. Mr. Ashbrook is one of the best known heavy-harness horsemen in the corn belt, having been secretary of the Kansas City Horse Show since its organization. He leaves a widow and three children.

The first gun of the State Fair campaign was fired on Monday morning of this week when the gates of the Iowa State Fair opened under the most favorable auspices that have ever attended an opening. More animals were entered at this fair than ever before and the machinery exhibit covers twice the acreage that it has heretofore. The attendance is likely to be a record-breaker, as indicated by the number of visitors that came to Des Moines during the last of the week.

DAY BY DAY

Agricola

The constant raining is hard on the early grapes. Moore's Early is bursting. Every bunch seems to be damaged. A red grape, name unknown, is affected also.

The vines are very full of bunches, especially the Concord. It pays to enrich the vineyard. The vines become luster and the bunches larger. We have red, black and white grapes, and the Concord, and all seem to be equally prolific.

The Wyant plums are heavily laden. It is not a large fruit, but it is ripe when the other varieties are done, and some of them forgotten. A farmer might as well have all such things as are going. At least we will, the Lord willing.

Now is the time to clip the raspberry bushes if you want them to branch, and don't need the tips for planting. The

rains are helping the berry clumps a good deal more than one would think.

Now, too, the ladies should pinch off the chrysanthemum initial buds so that they can branch. There is no flower more welcome at our house in early winter than the chrysanthemum. It is grown in various colors.

The early planted corn is denting. The early sweet corn is too hard for the table. We usually plant a lot in drills for fodder. Stock enjoy it amazingly.

Melons are plentiful in market, but the red core watermelon is not always good when it is red. The core becomes red before it is fit to eat. This we found out by sad experience.

We are so confident of the ability of Iowa soil to grow anything in the temperate zone that we have ordered a lot of blueberries for spring planting. We will bury them root and branch for winter and plant them in the spring.

We raised persimmons once on another farm. They did well. We will try it. They may not bear in our lifetime, for as a rule they are of slow growth.

But a level-headed man will think of others, and of later days. He may not enjoy the fruit of some of his planting, but his sons and daughters may and probably will. So we plant in hope.

We are on the lookout for rabbits. Last winter they damaged the berry rows. They invariably girdled the best canes. We went in the spring and cut them all out, and it made quite a large brush pile. We have already got three scalps. Last winter we got twenty-two.

Peaches are cheaper than we have known them for several years. They are the best fruit in America.

We saw them growing in the woods in Mississippi. Somebody had dropped a seed there. There is a lot of poor, yellow land in that state.

One of the finest settlements we ever saw was on Wood river in Nebraska. It was occupied by some sort of a colony. They had a sawmill which ran by wind. The crops showed that the folks there were thorough-going farmers.

There was a sensitive plant which grew wild on the prairie. We have often wished that we had some seeds of it. The curious plant was, and is yet, the greatest vegetable object we have ever seen.

We remember hankering for a farm on the prairie just north of Grand Island. It was all open when we saw it. We were so young that we couldn't find our mustache. It hadn't emerged from the lip, though it was probably there.

There are often a great many virtues about a human being. Some appear after a while, and some never appear. Strange!

The old soldiers have recently gathered at St. Paul, Minn. If we are any sample, they will feel like being hauled around instead of marching. How anxious in 1862 they were to have us enlist!

We ourselves were a callow school teacher and when we went before the doctor he pounded us where he supposed our lungs and liver were. We talked to him in the suit that Adam and Eve wore before they tailored their aprons from fig leaves. Finally after making us jump and turn handsprings, he said that we would do.

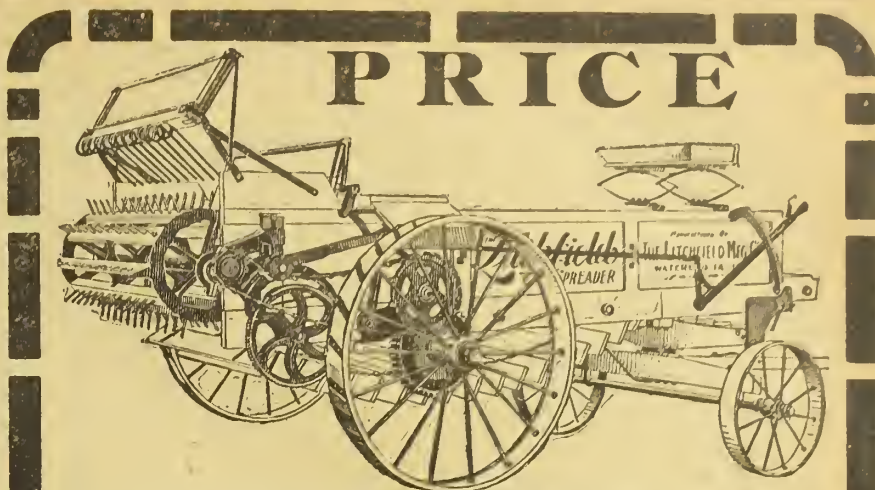
We served from July, 1862, to February, 1866. Earned a commission twice. Was on the staff of Gen. Frank Wheaton, to whom Rhode Island has lately erected a monument.

Well, the other day we thought our little pension should be increased. So we went to the doctor appointed to examine candidates for pensions.

He made us strip stark naked, for I suppose he had a curiosity to see how a seventy-year-old body looked. He must have reported it first class, for we have never heard from it.

This is one veteran who will never apply again. We were promoted to lieutenant in the Eleventh Ohio cavalry for doing duty well, the commission says.

We keep as heirlooms letters and the portraits of three generals at whose head-



PRICE

IS NOT THE WHOLE THING.

WE always admire a close buyer. It usually indicates a man who will appreciate a good thing when he gets it and who will take care of it. At the same time we like to see him a good buyer. If we can sell our Manure Spreaders to close buyers and good buyers, we prefer them every time for customers. We say to our customers, however, "Do not lose sight of what you are buying when you are figuring on what you pay for it."

Ordinarily, a horse is worth more than a dog, and a wagon worth more than a wheel barrow. So do not let the price of the dog fix the value on your horse, because if you do you may get a dog instead of a horse, or possibly may have to push a wheel barrow where you intended to ride in a wagon.

When you buy a Litchfield Spreader you get spreader value and not something else. The Litchfield Manufacturing Company has made farm machinery for twenty-seven years and the farmers of this western country have bought their machines. We are today selling to sons whose fathers bought Litchfield's goods during a previous generation. This is because for every dollar charged they got a dollar's worth.

It is to maintain this reputation that the Litchfield Spreader is built as it is today, with the high-class steel wheels in place of the cheap wood kind, which might answer the purpose. It is for this same reason that two and three-sixteenths-inch cold-rolled steel axles are used in place of the one and three-fourths-inch common steel, as many other manufacturers are using today. This is why the expensive, endless conveyor, with its no-choke system of sections is used in place of the half length, returning conveyor like we find in most other spreaders.

It is to maintain this reputation and strengthen it that these Spreaders are built with the modern style of expensive heater wheel construction and the new, improved Spreader body at the rear, also the adjustable pole for center or side hitch, the wide-faced tires on the wheels, the direct system of drive from both wheels and the general, all-round construction that makes this machine the best that we know how to produce. "Seeing is believing" and if you will take occasion to see this machine operate you can appreciate our statements.

Watch this space next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

quarters we served. They are beginning to be regarded as precious heirlooms by our youngsters.

Nearly seventy old soldiers from near us were at St. Paul, the majority being retired farmers, which fact we learned by investigation.

Kansas Weather and Crops.

To the Editor of The Homestead:

The weather this week has been about as we would have made it. There has been a breeze all the time, but not too much. For three mornings it was cloudy and misty, otherwise it has been a good week for getting the prairie hay up without damage. This work is getting well along with most of us. Some have already finished, and more will get through this week and the first of next. The grass is beginning to ripen on the ground, an indication that the hay put up from now on will not be as good quality as it would have been if cut earlier.

While the weather has been dry, it has not been drying here in eastern Kansas to the extent of having any effect on the corn crop. There is still moisture right at the surface in the corn fields, and when it is this way there need be no fear that the corn is not doing the best it is possible to do. If newspaper reports are to be believed, however, a section of the state in the vicinity of Jewell county is needing rain quite badly. One report from that section speaks of the farmers cutting corn. Corn cutting will be late in this locality, later than it was last season, when it was much later than ordinary.

It is probable that there will not be the usual acreage of corn harvested for roughness this year. In the first place, there are not the cattle to be fed, and all corn is well eared this year, which would require heavy husking from the shock, work that no one craves, unless it is absolutely necessary to do it. There is an abundance of hay here in this locality, and everything sowed for roughness such as cane, millet and kafir corn will make a heavy crop, so there will not be the call for corn fodder, except for spring feeding. We have found that nothing in the way of the fodder kind can beat Indian corn for spring feeding. Cane is all right up to the holidays, and kafir is good until well into February, but after that corn fodder is best.

All day yesterday the sun played hide

and seek in and around the clouds, and it looked for a time as if it could not miss giving us a soaking rain. It made all with hay down rustle to get it up, and no more grass was cut. Last evening, too, it looked as if it might rain before morning, but this instalment must have been meant for someone else, perhaps for those who need it. It is hay weather again this morning, but rain is still expected within the next few days.

Henry Hatch.

Coffey Co., Kansas, Aug. 24th, 1906.

THOUSANDS OF MEN WANTED AT ONCE TO HARVEST THE CROPS IN MINNE- SOTA AND THE DAKOTAS.

Low rates in effect from all points on the Iowa Central Railway. Tickets for sale daily August 1 to 31, 1906.

Splendid wages are offered, ranging from \$1.75 to \$3.00 per day, including board. For rates call on agents or for full particulars address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

LOW EXCURSION RATES TO NEW ENGLAND AND CANADIAN POINTS VIA THE C. & N.-W. R.Y.

Tickets on sale daily until June 30th; also on July 4th and 18th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

THOMAS ORCHESTRA CONCERTS, WATERLOO, IOWA, SEPT. 3D TO 8TH.

The Chicago Great Western Railway will on September 3d to 8th inclusive, sell tickets to Waterloo at one fare for the round trip. Return limit September 10th. Other attractions. Apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa, for further information.

EXCURSION TICKETS TO GERMAN VETERAN FESTIVAL AND REUNION OMAHA, NEB.

Via the North-Western Line, will be sold at reduced rates August 31st to September 2d, inclusive, limited to return until September 4th, inclusive. Apply to agents Chicago & North-Western Ry.

MAKE A SUCCESS OF YOUR TALENTS.

The opportunity of your life is awaiting in the new towns on the Chicago Great Western Railway. Openings in nearly all lines of business. Write today to E. B. Magill, Mgr., Townsite Department, Omaha, for full information and copy of "Town Talk."

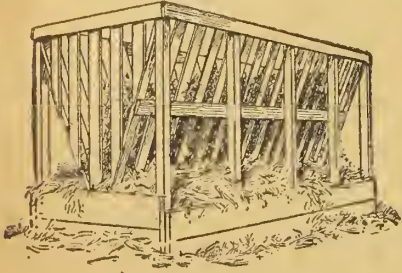
FISHING AND CAMPING.

Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

One of our subscribers asks for some suggestions concerning the making of hog crates. He recently had the problem of making the crate for a 1,000-pound hog to wrestle with, and found that his ideas were not very clear on the subject. The editor of this department will be glad to receive suggestions on this topic. Let specifications be as clear as possible, and do not hesitate to make rough drawings. If you make the idea clear, our artist will see to it that the drawing comes out right.

In the accompanying illustration is shown a roughage feeding rack that is used with considerable success upon the Nebraska Experiment Station farm, where it was photographed last winter



by a representative of the Prairie Farmer. The corners of the rack stand between seven and eight feet high, with a plank-sided bottom. The width is about four feet, and length can be whatever may be desired. The general plan of the work is brought out in the accompanying illustration.

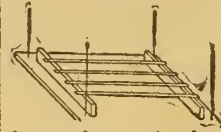
The Twentieth Century Farmer gives the following: "The manure carrier shown herewith is a very efficient one. It is used in this case for carrying the manure from a cow barn. It consists of a large iron bucket with the bottom hinged and fastened to the bucket, when closed, with a spring snap. The bucket is carried in and out of the barn on a track which is placed so that when the doors are closed it leaves a very small opening around the track. The track is supported on the outside of the barn by



timbers bolted together near the top, carrying the track under their intersection. The track is placed so that it is slightly down grade from the barn to the place where the manure is dumped, so that the bucket runs out by its own weight when loaded. A rope is attached to the running device to pull the bucket back into the barn. A cord is also attached to the bottom of the bucket, which by pulling will cause the bottom to drop and allow the manure to fall out. Between the track-running device and the bucket there is a pulley supplied with ropes which will allow the bucket to be raised and lowered. The bucket can be let down upon the floor, loaded and then pulled up ready to run out and be emptied. An economical way to dispose of the manure is to have a wagon so

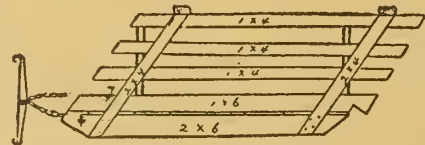
placed that the manure can be dumped into it and hauled directly to the field. Better still, if the farmer has a spreader it can be placed to receive the manure and can then be spread upon the fields. In this case it is hauled economically and easily. It also saves much of the disagreeable part of manure handling. The bucket need not be touched after it is loaded in the barn. This device is in use on the farm belonging to William McCarthy, New Hampton, Iowa."

Mr. Leman Place, of La Salle county, Ill., writes the Farmers' Review as follows: "In fighting lice I have found the



droppings board and roost shown in the drawing came in handy. The droppings board is simply a platform of any size large enough to accommodate the fowls. It is suspended from the roof by four wires and hangs about two feet above the ground. Then I lay 2x4-inch pieces upon it that are just long enough to reach across. The roosts are laid on these. The platform or droppings board should hang out about six inches from the wall and can be held in place by hooks attached to the wall. The roosts and 2x4 pieces are laid on but not nailed. This makes cleaning easy, for they can be simply lifted off and the droppings scraped off into a basket with a hoe. Afterwards the roosts and 2x4s are replaced, when they can be treated with kerosene, which will kill the lice."

Mr. W. F. Schultz, of Kansas, sends the Breeder's Gazette the following: "I have the best chute for loading hogs and calves into a wagon that I have ever seen. It is made like a sled, and can be used for hauling a hog a short distance by putting endgates in slides railed in for that purpose. The illustration

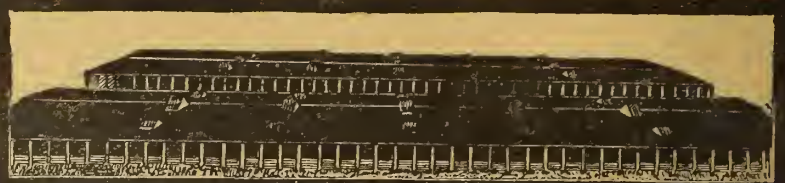


shows one side. Use a sixteen feet two inches by six inches, making the runners six feet nine inches long; one-inch by six-inch and one-inch by four-inch should be eighteen feet long to cut to advantage. Cut floor boards two feet long, and nail an inch apart. The angle for the end cut and standards can be found by placing one end into the wagon. Bore holes and use stay chains to pull by. It is light and convenient. I am a farmer, not a draftsman."

Hog troughs with swinging partitions are recommended by Robert S. Shaw of Michigan in the annual report of the State Board of Agriculture. The usefulness of these partitions is that when they are swung back the pigs are shut away from the trough while the feed is being put into it, and then when swung back in place the pigs have access to the trough. In speaking of the device illustrated in the cut, Shaw says: "This is no new invention for the device, with many modifications, is used in numerous farmers' piggeries. The only wonder is that it is not more universally used. The top of this swinging partition consists of a two-by-four from which the three-foot partition made of inch boards swings by hinges. This partition is held in place at all times by a half-inch iron rod which slips up and down in staples, being received at the bottom in holes bored in a hardwood cleat nailed across the center of the trough. This fastening

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will actually dissolve in water. Look over the free sample that we will send you, if you ask for it, and see the good weather-resisting materials we put into "Black Diamond."

Address nearest office, Barrett Manufacturing Co., Black Diamond Dept., New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans and Cincinnati.

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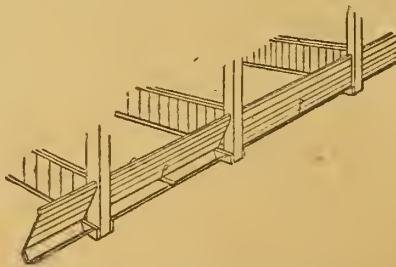
THE JOURNAL OF AGRICULTURE is a weekly journal that every farmer, every gardener, every stock raiser, every man and woman interested in poultry or the products of the soil, will need and read from cover to cover. No dry rot, no long-winded articles by city farmers who do not know the difference between a "pumpkin tree" and "watermelon bush," but short, meaty, interesting, useful, reliable and sensible matter in all departments throughout. Besides well written stories of fiction, travel and adventure, current news in condensed form, handsome illustrations, timely cartoons, terse comment on live topics, wit and humor, it contains departments concerning the care and handling of all kinds of farm stock, floriculture and gardening, cooking, hints about the house, veterinary department, poultry, dairying, bees, young people's department, correspondence columns and the LATEST ACCURATE MARKET REPORTS giving the prices of Live Stock, Grain, Seeds, Vegetables and Produce in the leading markets, thus keeping its readers well posted as to what their products are worth and enabling them to get the top price for them.

To introduce THE JOURNAL OF AGRICULTURE into thousands of new homes, we will send it every week for TEN WEEKS FOR 10c. Address Journal of Agriculture, 19 Journal Bldg., St. Louis, Mo.

BINDER TWINE FOR CORN HARVEST

AUGUST POST, MOULTON, IOWA.

prevents the pigs from moving the partition at any time. If the pens are over ten feet in width the swinging partitions are too cumbersome to



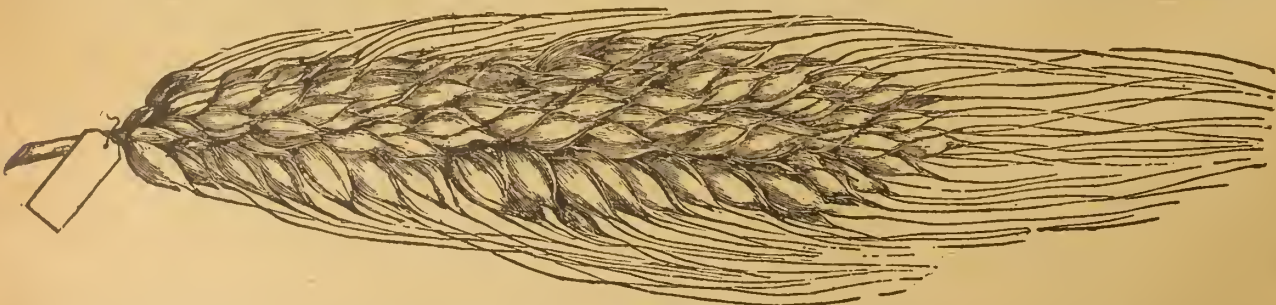
work well. They should not be made to swing into the pen past the edge of the trough when fastened or the pigs will soon gnaw the edge of the bottom board off. These partitions are made to swing back until they stand straight up

overhead resting at the ends between the posts. This permits pigs to be driven out or in, or the cleaning of the pens from the alley. In this case doors connecting the alley and pens were purposefully omitted. The troughs were made of two-inch hemlock, constructed in a V shape, one side being two-by-ten-inch material and the other side and ends two-by-eight. These troughs are simply toe-nailed in between the division posts so that they can be removed easily and replaced when necessary. We like the V shaped troughs in preference to any flat-bottomed sort, in the piggery, because the pigs can clean them more readily and thoroughly and there is practically no contact at the floor except for the short end pieces; as a result filth and moisture do not accumulate beneath them. On the under side of the V shaped trough, next the alley, the floor is always dry and on the pen side it can be cleaned thoroughly and is always exposed to the air. Hemlock troughs last from two to five years, or even longer, particularly if protected by a strip of band iron on the inner edge. Sloppy feed does not chill or freeze in wood troughs as readily as in cement or metal. We like the flat-bottomed troughs for out-door feeding; where they are moved about frequently, they are not upset so readily as the V shaped ones. We also like low sided, flat-bottomed troughs for weanling pigs."

SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS, Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until October 31st. Specially low rate round trip tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 18th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.

"RATEKIN'S NEW MALAKOFF WINTER WHEAT."

This new variety of winter wheat was imported by that enterprising seed firm, the Ratekin Seed House, of Shenandoah, Iowa, five years ago, direct from Russia. Since then it has been introduced by them into about every wheat growing state in the Union, and everywhere it has made a most enviable record, as one of the hardiest varieties, as well as the most productive variety on record. In fact, the original seed obtained by them, grown almost 10,000 miles away, produced a yield the first year of an average of almost forty-five bushels per acre. Since then and everywhere they have sent it, it has maintained a similar record, and in many places has made a yield of as high as sixty to sixty-two bushels per acre. In a private letter to this paper they say: "One of our own good farmers has just thrashed 1,140 bushels of this wheat from twenty acres of measured ground, an average of fifty-seven bushels per acre, every bushel of which will weigh out from sixty-three to sixty-five pounds per struck measured bushel. Every farmer reader of this paper who is at all interested in the growing of winter wheat would do well to write them for their winter seed wheat catalog. It will be sent free with a sample of this wheat by mentioning this paper. The address is Ratekin Seed House, Shenandoah, Iowa. See their advertisement on page 11 of this issue."



VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT

GROWTH.

I have a yearling colt which has a growth on its ankle. It seems to be a form of wart and came about a month ago. Is now about the size of a hen's egg. Please tell me how to remove it.

You do not say whether growth is red raw or covered with hair, so we are at a loss to know what it is. If it is wartlike, without hair, paint it with glacial acetic acid once daily while colt is kept tied so that he cannot bite part. Write again later if this treatment does not prove effectual.

TESTING FOR TUBERCULOSIS.

I wish to inquire through your veterinary department how to test cattle for tuberculosis. What is the law regarding herds afflicted with the disease?

It would be safest for you to employ a veterinarian to conduct the test. It consists in taking three experimental temperatures with thermometer inserted in rectum of cow for three or four minutes, to determine the normal temperature. This is done after the cows have been kept in stable for six hours, and the same day at nine or ten p. m. each cow is to have a two and one-half cubic centimeter dose of tuberculin injected under the skin of her neck or back of elbow. Next morning, commencing at six o'clock, the temperature of each cow is to be taken, and again every two hours until four or five temperatures have been taken and set down. If there is a rise of one and one-half

degrees above the normal temperature of the previous day, as a result of the injection of the tuberculin, the cow is to be considered "suspicious" and retested in three months; if her temperature rises two or more degrees above normal and remains abnormally high for several hours, she is tuberculous, and should be dealt with accordingly. You can obtain particulars as to the law relating to tuberculosis by addressing a letter to the State Veterinarian, Des Moines, Iowa.

PIGS COUGHING.

Please advise me what to do for my three-month-old pigs. They cough all the time, are dry in the hair and quite constipated. They have a good, dry bed to sleep on and I feed them soaked shelled corn and ground oats, with middlings and milk for swill. They eat heartily of the corn, but do not seem to like the swill very well.

Keep them off dusty pastures and stop feeding ground oats and corn. Substitute slop of middlings, milk, flaxseed meal or tankage and limewater. Treat for worms, as advised recently in these columns.

ABNORMAL HORN DEVELOPMENT.

I have a yearling Hereford steer that has a horn enlarged at the base. It first made its appearance in April and is now about twice normal size. It seems to itch, for the calf keeps scratching it all the time. Near the base of the horn it looks dark, as though it had begun to decay on the inside. The calf is in a thrifty condition and I want to dehorn this fall, but do not know whether it would be safe or not. Will you tell me through the columns of your veterinary department what course to pursue?

Pus sometimes forms in the horn base and causes pain and itching. Without an examination, we do not care to advise dehorning in this case, and would advise you to have an examination made by a local veterinarian.

LEUCORRHEA.

We have a mare that we cannot get with foal. She comes in heat every fifteen or eighteen days, at which times she throws off a thick yellowish substance for about two weeks. We have bred her several times, but with no effect. Would you advise using the yeast mixture? She has had a colt before this trouble began.

By all means, use the yeast mixture, and repeat once a week until the mare ceases to throw off abnormal discharge from vagina. A diseased condition of the membrane lining the vagina and womb is present, and we cannot say for certain that the yeast treatment will cure it, as that plan is still in the experimental stage. She will not conceive, however, before the trouble is cured, and if she does not recover from use of yeast mixture, better have her treated by a veterinarian.

ARTHRITIS.

I have a twelve-year-old mare that is very lame in the second joint of left hind leg. She has been this way about two months, and I first noticed it on hitching her up to drive. She was a little lame when I first started, but seemed to get over it; however, the next morning was much worse and has been very lame ever since. The leg is now swollen to the hock joint and she holds it up a good deal. Yesterday I stuck a knife into the place, but nothing but blood came from it. She was in good flesh before she became lame, but has gone down in flesh until she is quite thin. I am sure that no bones are broken, but would like to have you advise me what can be done for her.

The case is a serious one, and you may have complicated matters badly by using the knife when pus was not present. It is likely that there is deep-seated inflammation of the joint, and such cases respond unsatisfactorily to treatment. Poultice parts with antiphlogistine or other plastic dressing for a week; then wash off, and when dry, after removing hair, blister the joint with cerate of cantharides if lameness is still pronounced, and repeat in two or three weeks.

SWELLING—GARGET.

(1) A mare, which had a young colt, got cut on the wire fence. A few days after one hind leg became swollen and she could not step on it. Now she can walk and the swelling has gone down, but the muscles of the hip are wasted away. (2) Have had several cows come in with swollen udders. The udder inside of the skin seemed very much swollen. You could get one or two drams of milk and then have to wait a while for more to come. The last one was so badly swollen that I could get no milk. I bound smart weed on the udder and pumped wind into it. In this way I got one teat so that I could get milk from it with a milking tube, but couldn't get milk from the other three teats. Is this trouble contagious, and how should it be treated?

(1) You do not say if the barbed wire cut injured the leg that swelled. If it did, there was infection and that came from lack of proper treatment with antiseptic lotions. A solution of one ounce of sugar of lead and six drams of sulphate of zinc in a pint of water makes a good lotion for use on barbed wire wounds. It seems more likely that the mare suffered an attack of lymphangitis



Kills Hog Lice

Chloro-Naphtholeum Dip will quickly kill Hog Lice and all other insect pests. It will prevent and cure Hog Cholera. It is the best disinfectant for hog pens. Cures all parasitic and germ diseases of Cattle, Horses, Hogs, Sheep and Poultry, and heals their cuts, sores and wounds.

Chloro-Naphtholeum Dip

proves its worth before you pay for it. I will send you a gallon, express prepaid, for a two-weeks' trial. If it doesn't kill hog lice in two weeks, you don't owe me a cent. Is that fair? Won't you try a gallon at my risk?

E. TAUSSIG, President, WEST DISINFECTING CO., 21 East 59th St., New York City.

Is happy because he is being FREED from Lice that torture and torment. August, September, October, are best months to dip hogs to kill lice. DIP-OLINE, the best Hog Dip, works quickly and thoroughly. IT KILLS HOG LICE, destroys all disease germs, prevents HOG CHOLERA, saves loss, keeps your hogs healthy and growing. Every hog-raiser needs it. DIP-OLINE is easy to use; the cheapest hog insurance you can buy. Write for booklet and enough dip to make a gallon, FREE.

MARSHALL OIL CO., Box 7, Marshalltown, Iowa.



A Whole Medicine Chest.

A bottle of DEAN'S KING CACTUS OIL in time of emergency saves many dollars.

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KING CACTUS OIL

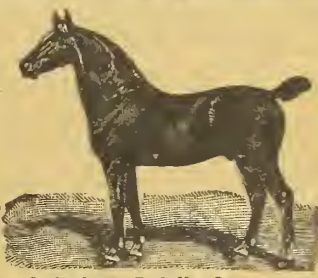
Will heal the worst barbed wire cut without leaving a scar if used in time. We have thousands of testimonials that prove this fact. Every owner of live stock should keep it on hand, for it is a positive cure for cuts, sprains, bruises, old sores, swellings, open wounds, harness and saddle galls, etc.

KING CACTUS OIL is equally valuable for ailments of the human race. It is magnetized and soothing, pleasant to apply and heals a wound from the bottom up.

Sold by druggists in 15c., 50c. and \$1 bottles, \$3 and \$5 decorated cans. Sent prepaid if your druggist cannot supply you by **OLNEY & McDAID, Clinton, Iowa.**

Warranted to Give Satisfaction.

Gombault's Caustic Balsam



Has Imitators But No Competitors.

A Safe, Speedy and Positive Cure for

Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunions from Horses or Cattle.

As a Human Remedy for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

The Lawrence-Williams Co., Cleveland, O.



A \$2 package guaranteed to cure any case of Heaves or Money Refunded. Sent prepaid on receipt of price.

CO., PERRY, IOWA



FREE TRIAL

For the BEERY BIT FOUR BITS IN ONE Cures Kickers, Runaways, Fallers, Shyers, etc. Send for Bit on Ten Days' Trial and circular showing the four distinct ways of using it. Prof. J. A. Berry, Pleasant Hill, Ohio

A Lady can hold him.

A. S. ALEXANDER, V. S.

MADISON, WIS.,

Veterinary Editor The Homestead.

CONSULTING VETERINARIAN. Advice at prescription by mail, \$1.00.

Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a salve nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be imitated. Easy to use, only a little required, and your money back if it ever fails.

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describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

FLEMING BROS., Chemists, 210 Union Stock Yards, Chicago, Ill.

A Humane Society in a Bottle

Nothing affords such relief for Curls, Splints, Ringbones, Spavins and Lameness as

Kendall's Spavin Cure.

Whitford, W. C., June 28, 1906.

Dr. B. J. Kendall Co., Enosburg Falls, Vt. Gentlemen—I have used Kendall's Spavin Cure on Spavin, Ringbone, Sweeney, Galls and Sores, and it has cured them all. Very truly yours, S. M. Clark.

Price \$1; 6 for \$5. Greatest known liniment for family use. All druggists. Accept no substitute. The great book, "Treatment on the Horse" free from druggists or Dr. B. J. Kendall Co., Enosburg Falls, Vt.

You Can't Cut Out

A THOROUGHPIN or

ABSORBINE

will clean them off, and you work the horse same time. Does not blister or remove the hair. Will tell you more if you write. \$2.00 per bottle, delivered. Book 4c. free.

ABSORBINE, JR., for mankind, 100 bottles. Cures Varicose Veins, Varicocle, Hydrocele, Ruptured Muscles or Ligaments, Enlarged Glands, Allays Pain. Genuine mfd. only by

W. F. Young, P. D. F., 40 Monmouth St., Springfield Mass

Summer's Worm Powders

For Sheep, Horses & Hogs

Fed to millions of animals every year. Powders never fail to remove worms and prevent further attacks. In popular use 25 years.

Price \$1b. Pck. 50 cents. 7 lb. Pck. \$1.00. Send for FREE catalogue of Stockmen's Supplies.

F. S. BURCH & CO., 177 Illinois St., Chicago.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

POINTS OF FISH LAW.

A Subscriber, Giving, Iowa.—(1) Are people allowed by law to fish with a trot line in the state of Iowa? (2) Are people allowed to sell fish which they catch?

Answer.—(1) Any person may, between the 15th day of May and the 15th day of November, use not more than one trot line in a stream, and extending not more than half-way across the same. (2) It is lawful for any person to sell the fish which he lawfully catches, but if he takes them unlawfully, the selling of them is also unlawful.

CONTRACT OF A MINOR.

A Subscriber, Florence, Kan.—I sold a pony to a boy sixteen years of age. His elder brother told him he would loan him the money to pay for it. The boy came and got the pony and said he would bring the money the next Saturday, but when he went to his brother for the money the brother said he could not spare it. What can I do to get my money?

Answer.—You cannot get the money by law. A boy sixteen years old cannot make a binding contract. The most you can do is to get back the pony. If possible, persuade the boy and his brother to return it, without litigation.

WARRANTY AND REPRESENTATION.

A Subscriber, West Union, Iowa.—A. bought a mare from B. at public auction. The mare was warranted to be sound and represented to have been bred and safe in foal and service fee followed. Upon these representations A. paid a big price for the mare. After he took her home he found that she had the heaves, but did not make complaint to B. about it for two months or more. The mare also proved to be not in foal. Can A. recover damages from B?

Answer.—He can recover damages on both causes; that is to say, because the mare was not sound as she was warranted to be, and also because she was not in foal as she was represented to be. The fact that A. did not complain for more than two months would not prevent such recovery—it would only prevent him from rescinding the contract. He cannot now compel B. to take the mare back, but he can keep her and get damages as above stated.

SALE OF A COW.

A Subscriber, Spencer, Iowa.—In October, 1905, I bought a registered Angus cow at a public sale. She was due to have a calf on the fifth day of February, 1906, but did not have it till March 6th, and it was a pure red calf, with a white spot on its forehead. It looks like a Short-horn or Jersey. It cannot be registered, and is worth about \$3 to me. If it had been a black calf it would have been worth \$50, for the cow was supposed to have been bred to an imported bull of great note. Have I any recourse against the breeder who sold me the cow?

Answer.—It depends wholly upon the contract you made with the seller. If he in that transaction represented that the cow was bred to the imported bull you mention, when in fact she was not, then he is liable to you for whatever damages you have sustained, which would be the difference between the value of the red calf and the value of one from the imported bull.

CONTRIBUTION — GARNISHEE — JURISDICTION.

A Subscriber, Elk City, Kan.—A. and B. lived in Kansas. A. gave his note for \$400, bearing interest, due in six months, to a bank. B. signed the note as surety. A. sold his farm to C. and moved out of the state. C. paid part cash for the farm and gave A. his note for \$450, due in five years without interest, secured by a second mortgage on the farm. A.'s note to the bank became due and he refused to pay it. B. paid it and sued A. in justice court and garnished the debt which S. owed to A. A. answered to the justice that he owed A. \$450. A failed to appear at the trial and the court gave judgment in favor of B. and against A. for \$400. Before the trial and judgment B. published notice of summons for thirty days, as required by law, in case of a non-resident defendant, and during this time A. canceled the note that C. owed him, and released the mortgage. (1) Has B. lost his claim against A.? (2)

Is C. bound to pay the \$450 or any of it into court under the garnishee process? (3) In case C. fails to pay the money into court, what steps should B. take?

Answer.—(1) He has not. (2) We think not, for the reason that the justice of the peace had no jurisdiction of the case. A justice of the peace in Kansas has no jurisdiction of a suit upon a money claim for more than \$300. (3) In case C. fails to pay the money according to the order of the justice, B. should employ a lawyer to investigate the can-

cancellation of the debt from C. to A. We think such cancellation and release were probably fraudulent.

HARVEST HANDS—NORTHWEST.

For parties of five traveling together on one ticket, The Chicago Great Western Railway will have on sale the entire month of August tickets at rate of \$14.50 per capita to nearly all points on the Great Northern, North Pacific and Soo Lines in Minnesota, North and South Dakota. On the return trip, rate will be \$1.50 higher. For full particulars address E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

A Pioneer Breeder of the Middle West

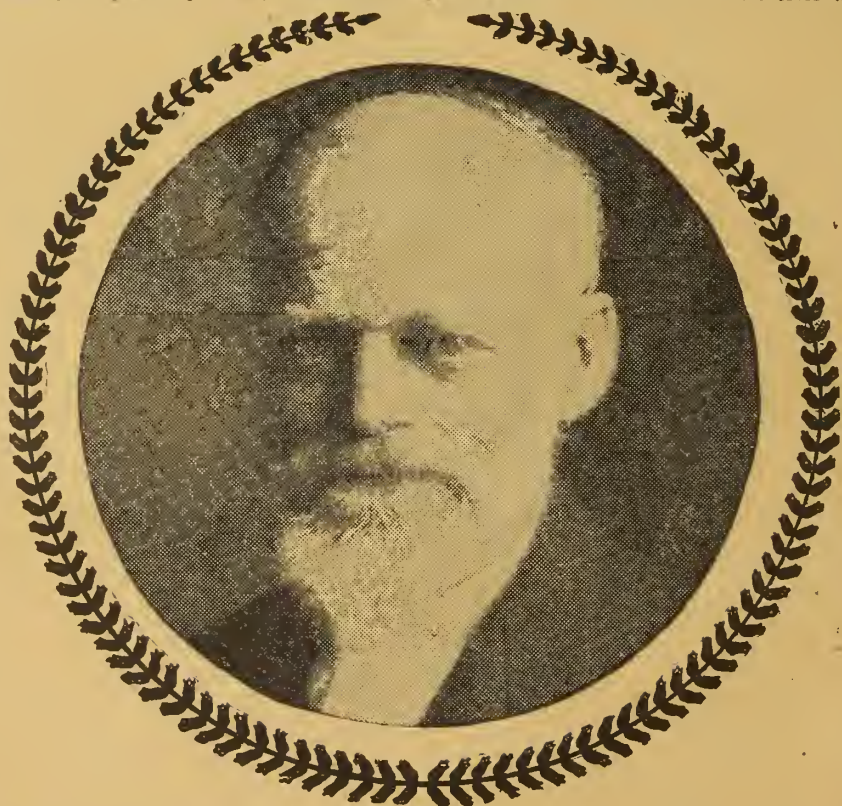
Frank Bellows, a New Englander Who Has Stood For High Ideals and Broad-Gauge Methods in the Live Stock World.

One of the grandest figures among the men who have laid the foundations of the live stock industry of the corn belt is that of Mr. Frank Bellows, who, honored and beloved by a wide circle of friends and admirers, is spending the evening of a useful life at his home in the city of Maryville, Mo. When the history of pure-bred stock in the middle West shall be written, the part played in its development by this high-bred New Englander in the state of his adoption and its influence upon western live stock interests generally will be accorded high recognition.

Frank Bellows was born July 11, 1830, at Woodstock, Vermont. His father, George Bellows, was a native Vermonter, by occupation a blacksmith. His mother's maiden name was Mary Breckenridge. She was a lineal descendant of a family that became quite prominent in our national affairs. Frank was one of a family of eight children, all of whom he has survived. At the age of seven, desiring to relieve his parents of the care of a part of a large family, he left home, joining a sheep driver, and ever after-

settled on this land and undertook his first job of farming on his own account. Through his energy, honesty and promptness in dealing with the railroad officials he won their friendship and eventually paid for 320 acres of this land of his own selection, upon which the railroad company released him from the balance of the contract.

On February 16, 1861, he was married to Miss Mary Ann Dilling, second daughter of Mr. and Mrs. George Dilling. To this union have been born nine children, six sons and three daughters, all of whom are living. In 1865, the family moved to Missouri, settling on a farm near Guilford, in Nodaway county. Here as a farmer, stock raiser and stock buyer, he was uniformly successful. In 1883 this farm was sold and in March, 1884, he purchased and moved to what was later known as the Valley Home Farm, located adjoining the corporate limits of Maryville. This farm he and his sons made famous as a fine stock breeding establishment. Short-horn cattle, draft and road horses and Poland China hogs were the breeds handled. In 1904 Mr. Bellows decided to retire from the



wards unaided made his own way in the world. He received no school advantages, but learned to read through instruction received from his associates and companions.

After embarking in the big, wide world at such a tender age, he spent several years on a farm doing chores and odd jobs for board and clothes. Looking for larger worlds to conquer, he left the farm and went to Hartford, Conn., where he secured a job driving a hack at \$8 per month and board. After two years' service he was engaged by a competing line at \$2 per month advance. This was boy's pay, but his services were so satisfactory that when the first pay day rolled around his pay was advanced to a full man's salary. During this time his reputation for promptness, alertness and courtesy was being established and it was not long until he was promoted from driver to the more remunerative position of head porter at the Eagle Hotel, at a salary of \$1,000 per year. This position was held until the hotel property was sold, after which he went to New York city and secured a position as an omnibus driver, working sixteen hours per day.

At the age of nineteen he gave up driving and joined the exodus of "forty-niners" for the gold fields of California. He sailed from New York on the North American, a three-masted sailing vessel of 1,800 tons burden, going around Cape Horn, encountering a severe storm lasting forty days, which carried them into the Antarctic regions. The journey from New York to San Francisco consumed 137 days. He first engaged in surface mining near Auburn, north of Sacramento, later moving to Forest City, where he bought an interest in the Don Say Mining Company. His mining enterprises met with fluctuating success and failure. In 1856, he sold his mining properties and returned to New York by boat, crossing the Isthmus of Panama. Landing in New York with some money and hearing of the fertile prairie lands of central Illinois, then being offered by the Illinois Central Railroad, he went direct to Chicago and contracted for a large tract located in Champaign county. He

activities of life and sold the farm. He then purchased property in south Maryville, on which he built a pretty home, preparing to spend his remaining days amidst pleasant surroundings, enjoying his family and the fruits of an honest, well-spent life which had gained for him a host of true and loyal friends.

Frank Bellows is appreciated by all who enjoy his acquaintance as a quick and independent thinker, who holds peculiarly high ideals regarding true manhood and honor. With him his word is his bond and no consideration would induce him to deviate one iota from what he conceives to be right. Although as a boy he received no schooling, yet he has been an extensive reader and is an exceptionally interesting, entertaining and instructive conversationalist. He is very fond of his friends and possesses a peculiar faculty of both making and holding friends. He has always been interested in boys and young men and has ever been ready to advise and help those in need of encouragement. He is decidedly enterprising and public spirited. He never fails to take a lively interest in local good government and educational affairs. He was from the early days a devotee of good stock and was one among the early introducers of blooded stock in his community. His enthusiasm for a good animal has never waned and he has always been sufficiently broad gauged to recognize merit wherever found, regardless of whether it was in the breed of his choice or not. He has a keen eye and is a critical judge of individual merit. These qualifications, together with his social characteristics and hospitality, have enabled him to gain recognition as one of the foremost promoters of improved methods and improved stock of his time. He has taken care to inculcate in his children the importance of industry and a wholesome respect for the real things of life. He is tenacious for what he considers his own rights and generous in his recognition of the rights of others. He is staunch as a friend and devoted in his family relations.

BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.



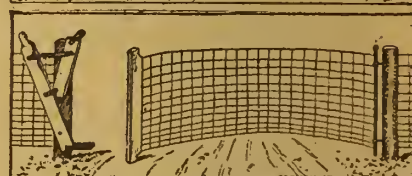
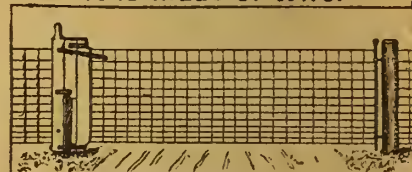
See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.
39 Fargo Street, Batavia, Ill., U. S. A.

THE DAISY. Something New in Gates. It is Made of Wire.



WE will furnish the equipments for this gate and you buy the wire. Our part will cost you \$1.50. It is strong and durable. Wire is always tight when closed, and works easy, and will not break. Write today and give us your order, and remember we make everything in wood for the farmer.

E. J. Ingwersen Mfg. Co., Lyons, Iowa.

MUSGRAVE U. S. STANDARD FARM SCALES.

HAVE stood the test for 25 years. Absolutely GUARANTEED. Prices the lowest, consistent with quality. We send them anywhere on trial. Write TODAY.

THE MUSGRAVE CO., DES MOINES, IA.



Don't Miss This YOU NEED A WAGON SCALE

If you intend buying one, send for Osgood's book showing their big line of Pit and Pitless Scales. Most accurate and durable scales made. Fully warranted on 30 days trial. Osgood Scale Co., 108 Central St., Binghamton, N. Y.

\$25 ON 5 TON IS WHAT YOU CAN SAVE We make all kinds of scales. Also B. B. Pumps, valves and Windmills. BECKMAN BROS., DES MOINES, IOWA.

ROYAL PITLESS WAGON SCALE SOLD on 30 days free trial. For catalog and discounts, address, Monarch Grubber Co., Lone Tree, Ia.

FENCE! STRONGEST MADE. Bull Strong, Chicken Tight. Sold to the Farmer at Wholesale Prices. Fully Warranted. Catalog Free. COILED SPRING FENCE CO. Box 20. Winchester, Indiana, U. S. A.

WE HAVE CORNERED the greatest money making proposition in this country; secret divulged to first applicant from each city, town or village. Agents should secure territory immediately before too late. D. L. SHERMAN, 31 Dover St., New York.

SCALES 30 DAYS FREE TRIAL
Let us save you \$20.00 on a 5-ton wagon scale—pit or pitless. We guarantee them for 3 years and ship anywhere in U. S. on 30 days free trial. Do not guess the weight of your farm products. Send for catalog and complete information. Kemper-Paxton Merc. Co. 938 Liberty St. Kansas City, Mo.

OUR DAIRY DEPARTMENT.

Cow's Milk as a Food for Man.

By C. Larsen.

Fresh, pure and sweet milk is preferred as a food to any other substance known in nature as a natural food, or a food not prepared by man. It is a natural product intended as a food for the young of the mammalian group. Primarily the milk from cows was utilized solely for their young. Owing to the skill and judgment of man in selection and breeding, the milking qualities of cows have been developed to such an extent that the cow's milk now serves in a large measure as the food for man, and we find that both production and consumption of milk is steadily increasing.

According to United States statistics we produce over one billion gallons of milk annually, and about one-third of it is consumed directly. Undoubtedly a considerable portion of milk is consumed in rural districts of which no records can be obtained. The greatest average per capita consumption of milk reported for any one city is two pints per day, and the least average daily consumption of milk per capita is about one-third pint.

The reasons why milk is used extensively as a food, and why it should be used still to a greater extent are as follows:

(1) Fresh milk is palatable and relished by most people. The different components of milk are present in such proportions as to produce the flavor suitable to the majority of the people. Milk, in order to have its best flavor, should be produced from healthy cows, fed on food that will impart the best flavors to milk, and kept and handled under as clean conditions and pure surroundings as possible.

There has been considerable talk about milk carrying various contagious diseases. Undoubtedly some cases may be traced to this source, but the same may be said about any other food. Fresh milk produced from healthy cows is more wholesome and healthful than any other food known.

Certain feeds affect the flavor of milk. Some feeds impart bad flavors to milk; others good flavors. The most common feeds that produce ill-flavored milk when fed to the cows, are wild garlic and onions, weeds of various kinds, cabbage,

rape and turnips. Feeds that produce desirable flavors in milk are grass in the summer, good, sweet, cured hay and corn fodder, bran and carrots during winter.

Milk is a food and should be handled and cared for as such. If this were kept in view all the time during the production and handling of milk and cream, there would be little or no complaint in regard to the poor quality of cream, butter and cheese. It is only a short time ago since the writer was told that a certain farmer used his cream and milk cans for hauling swill for the hogs, and that the cans received only a superficial rinsing before these same cans were again used for holding cream. During the milking process, in many instances, more care would be taken if the milker realized it was a food product. How many housewives would approve of having all their dainty food products handled in the same manner, and under the same conditions, as some milk and cream are handled? Even the bachelors (who are perhaps the most careless class of cooks) would hesitate in approving methods of handling and cooking of food similar to those used in milk and cream production. When meat and bread get old and deteriorated, they are not used, nor sold to anybody to use as a food, as are milk and cream.

Owing to the ease with which milk and cream deteriorate, special care should be taken in order to have it in a palatable and healthful condition. Keep milk cold and pure.

(2) The three chief classes of nutrients necessary to sustain the body are found in milk in proper proportions so as to render it most serviceable as a food. First, those substances which produce energy, fat and heat in the body; second, those which produce muscles, tendons, hair, hoofs, horns and some fat; third, the substances which produce the bones of the body.

The following table shows the composition of milk and how each component is utilized in the body:

Milk.	Water, 87%.....for water in body.	
	Total Solids	Solids not fat 9.1%
		Minerals .7% (bones body)
		Protein { Curd } Muscles { 3% } Tendons { Albumen } Hair { .5% } Hoofs { .5% } Horn
		Fat 3.9% Sugar 5% Heat En'ry fat

All of these constituents of milk except fat are in solution or semi-solution, thus rendering it easily digestible. For convalescents and for children whose masticative and digestive organs are not very efficient, fresh milk is especially suitable. The substitution of cow's milk for human milk in infant feeding is a very interesting study, but space forbids a discussion of this phase of the subject.

(3) The third and chief reason why milk is used as a food and why it should be used to a still greater extent is that milk is a cheap food.

Not long ago a once prominent educator said that "milk has a much greater food value than is shown from chemical analysis. The chemists' figures and experimental evidence show that skim milk, for instance, has a value of about twenty-five cents per hundred pounds, but in practical feeding it has a value of 100 per cent more than this, because in no other way than by feeding milk can the same results be obtained. If I did not have the good, sweet milk, I could not raise the calves and pigs that I do."

The same logic may be applied in the use of milk for raising children. The writer believes, however, that the only right way is to compare the cheapness of milk as a food, with other foods. When this is done, it opens up a large prospective field. Compared with beef, for instance, about twice as much food value can be bought in the form of milk for the same amount of money.

In many instances milk and cream are

considered luxuries, and used sparingly by the members of the family. This ought not to be so, for milk, if liked, is one of the best, cheapest and most healthful foods known to man.

The Rolfe Short-horn Sale.

The sale of Short-horn cattle at Rolfe, Iowa, on August 22d, made by Messrs. Claus Johnson & Sons, A. G. Hewlett, Thos. Fisher and M. P. Hancher, brought out a fair-sized crowd, composed very largely of breeders from Iowa and Nebraska. The thrashing season being at its height kept many of the local people from attending. The top price of the sale was \$245 for the Scotch cow, Mina of Oak Ridge 2d, and she was purchased by Mr. J. H. Graham, of Spencer, Iowa. The top price for bulls was \$200 for the young Mysie bull, Mysie's Lad, and he was purchased by Mr. B. G. Stark, of Livermore, Iowa. The average of the sale on about fifty head was \$78. The cattle were quite young and many of them were in thin condition. Below we list those selling for \$100 and over:

COWS.	
Mina of Oak Ridge 2d, six years, J. H. Graham, Spencer, Iowa	\$245
Lady Countess 2d, six years, J. W. Sadtler, Ottosen, Iowa	135
Gauntlett's Queen 3d, one year, P. D. Fuller, Sutherland, Iowa	150
49th Duchess of Walnut Hill, five years, W. H. Berry, Indianola, Iowa	100
Red Annie, five years, F. A. Shaefer, Raleigh, Iowa	115
Wild Eyes 3d, eight years, J. W. Sadtler	125
Wild Eyes 33d, three years, same	125
Wild Eyes 34th, two years, F. A. Shaefer	105
Daisy Belle 4th, three years, J. W. Sadtler	105
BULLS.	
Mysie's Lad, one year, B. G. Stark, Livermore, Iowa	200
Choice Goods Ury, ten months, Jacob Ophine, Thor, Iowa	130

Creamery property at Mt. Carmel, Ia., for sale, including necessary buildings, grounds, machinery. M. J. Berger, Sec., Carroll, Ia., R.2.

CHEAP R. R. RATES VIA M. & ST. L.
Every Tuesday homeseeker round trip tickets to Minnesota, North Dakota and Canadian Northwest, also first and third Tuesdays to Montana, Washington, etc., at one fare plus \$2.00.

Summer tourist round trip rates to Minneapolis and St. Paul, also to points in Minnesota and North Dakota on sale daily after June 1st, return limit October 31st.

Special round trips daily June 1st to September 15th to Portland, Seattle, San Francisco and Los Angeles.

For particulars call at the M. & St. L. ticket office, 512 Walnut St., Des Moines, Iowa.

The Wabash, "The Banner Route," has arranged for the following low rates, available to the public:

Los Angeles and return, on sale September 2d to 14th, inclusive, \$54.25, good until October 31st.

Buffalo, New York, and return, October 10th, 11th, 12th, \$24.15, final limit October 19th.

Toronto, Canada, and return, \$23.55, account Sovereign Lodge I. O. O. F., final limit October 21st.

For further information address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., 512 Walnut St., Des Moines, Iowa.

LAKE AND RAIL TRIPS.

During the summer months the Chicago

750,000 In Use DE LAVAL CREAM SEPARATORS

Save \$10.- to \$15.- Per Cow

Every Year Of Use

Over All
Gravity Setting Systems

And At Least \$5.- Per Cow

Over All
Imitating Separators.

While They Last

From Two to
Ten Times Longer
Than Any Other Machine.

Send for New 1906 Catalogue.

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POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

RATIONS FOR LAYING HENS.

No one appears to have found just the only feed for laying hens. Many very successful men have a good ration which they feed and so long as it is satisfactory they do not make attempts to find a better. Some of the various state experiment stations have been experimenting along this line and we give a few of the results: "As regards the general food requirements for poultry, W. P. Wheeler, of the New York Experiment Station, in a recent summary based on station work, points out that the construction of the digestive apparatus of poultry and other birds indicates extreme efficiency and a capacity for rapid work. Like any complicated and delicately adjusted apparatus, he suggests that "it should not be overloaded nor violently disturbed when running at high pressure. It may be said to run at high pressure while the extremely rapid growth of young birds occurs, and during the extended laying season, for the resulting products call for an uninterrupted supply of food and the transformation of all material that is available. It should be borne in mind that 'growth and egg production can only be sustained by the food in excess of that required to support life.' * * * Hens in full laying seem to require rations which have a larger relative content of protein and ash, and show an increase in fuel value of 15 to 40 per cent, according to size, over those required for maintenance."

According to Professor Wheeler's estimates, when the egg yield is assumed to be 100 per year, the production of a pound of eggs requires 4.56 pounds of digestible organic nutrients in the food, and each pound of increase in the egg yield above this limit required 5.1 pounds of digestible organic nutrients.

As a sample of a ration which would correspond to the requirements of the

standard mentioned above, Professor Wheeler suggests the following for hens weighing five to eight pounds: cracked corn, one pound, wheat, .75 pound, corn meal, .75 pound, and .5 pound each of wheat middlings, buckwheat middlings, and animal meal, with .66 pound of fresh bone and .75 pound of young green alfalfa.

The natural food of poultry consists of grains, insects, green forage, and grit, and accordingly in domestication it is reasonable that they should be fed cereal grains and other milling products, such animal feeds as meat meals and skim milk, and should also receive an abundance of green feed or such substitutes for it as roots or steamed clover. Oyster shells, grit and an abundance of clean drinking water are also prime requisites.

In the United States corn is a favorite feed for chickens, though, as Professor Wheeler states, common grains "seem practically interchangeable and many grain by-products can be freely substituted for different whole grains or for each other, and all combined as desired."

The Massachusetts station has compared corn with wheat and corn with buckwheat, beef scraps or other animal feed constituting a part of the ration in every case. As regards corn and wheat, the results for several years have not been entirely consistent, though on the whole the egg yield on both grains has been satisfactory. In a comparison of corn and buckwheat, the egg yield has been rather small with the advantage decidedly in favor of the corn.

In a test at the Utah station the egg yield on a wheat ration was better than on corn, though both grains were fairly satisfactory. Substituting sunflower seed for most of the corn did not materially affect the egg yield, though the cost of feed per dozen eggs was somewhat greater on the sunflower seed ration.

In Ontario, an important poultry region where the winters in general are more severe than in the United States, wheat, according to Prof. W. R. Graham of the Ontario Agricultural College, is the most popular feed. Corn, he states, is not used there to so great an extent as in the New England States, though he believes that its use is justified and might be profitably extended. Owing to its high fuel value and fat-producing qualities, it is an important addition to winter rations. According to Professor Graham—

"Oats should be a first-class food for poultry but, owing to the large percentage of hull, they are not relished by chickens, and for this reason they are somewhat indigestible. When ground, they are used pretty freely in mash food; also, the rolled and granulated oatmeals are used for feeding young chicks. The ground oat, without the hull, is used extensively for fattening fowls.

"Barley, either whole or ground, is very good. It has rather too much hull; but otherwise it is a satisfactory food. It is considered by many to be next to wheat in point of value.

"Buckwheat is very popular as an egg-producer in districts where it is grown extensively. Some difficulty is at times experienced when first feeding it to fowls in getting them to eat it, but this is usually overcome in a day or so, if other feeds are withheld. Boiling the buckwheat will sometimes start the birds to eat it. After the birds once get accustomed to its appearance, it is much relished by them. Ground buckwheat is an excellent food to use in a fattening ration. It is somewhat like corn in its fattening properties, and therefore it is better for winter than summer use.

"Shorts and wheat bran are both used extensively in making mashies, or soft foods. They are excellent foods to use in maintaining the health of the flock.

"The relative merits of whole grain and of ground grain made into a mash have been studied from time to time. The practice of successful poultry raisers and the results of numerous tests show that to secure the best results the day's rations should be made up of both sorts of feed. In experiments at the West Virginia station better results were obtained with both old and young fowls 'when about one-third of the grain ration was fed ground and moistened than when all of the grain was fed whole and scattered in the litter.'"

LOW RATE EXCURSIONS.

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For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

ST. PAUL AND MINNEAPOLIS POPULAR EXCURSION.

On Friday, August 31st, the Chicago Great Western Railway will have a popular excursion from Des Moines to St. Paul and Minneapolis at rate of \$4.50. Tickets will be good going on special train, leaving Des Moines at 9:30 p. m., and good to return on all regular trains Saturday and Sunday, September 1st and 2d. Special coaches will be reserved for ladies and gentlemen, checks for which may be obtained at City Ticket Office. Berth rate in tourist sleeper, \$1. Reservations should be made early. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

WATERLOO AND RETURN \$1.50.

On Friday, September 7th, the Chicago Great Western Railway will have a special train, leaving Des Moines 6:10 a. m., to Waterloo, at rate of \$1.50 for the round trip. The Thomas Orchestra will give one of their grand concerts at Chautauqua Park, Waterloo, on that date, and special will leave Waterloo, returning after the concert. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.



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512 W. Walnut St., Des Moines, Iowa.

When writing to advertisers please mention this paper.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Marketing Fall Apples.

To the Editor of The Homestead:

The prospect for a good crop of apples, particularly the autumn varieties, is very good at this time in most localities. The great scarcity which has prevailed the past year should insure a good price for all the marketable apples. Yet many growers are certain to meet with disappointment this year as usual, and a feeling prevails among those who have a fair quantity of apples for sale, that whenever there are enough to be worth while, the prices are so low there is no profit. The consumer sees conditions from a different viewpoint, and this year, as in any year, a good product is sure to bring a fair price.

The reason why the average farmer gets a low price for the apples he brings into town is that they are in such condition that they are not worth more than what he gets for them. This is brought about through no defect of the fruit itself, but because of the defective methods of handling and failure to appreciate certain principles upon which successful apple marketing depends.

One of the first errors is to mix all kinds of apples, sound and wormy, hand picked and windfalls, autumn and winter, in one bag or basket. In it you may find some that are fit for eating, others which are suitable for canning, some that are best for cooking, and others which are good for nothing. The average customer cannot distinguish between a Yellow Transparent and a windfall Ben Davis, and taking a number of apples at random from the lot which she has purchased, attempts to use them for any one of the half-dozen common uses, with a result so unsatisfactory that she gives up the attempt with disgust.

In the first place, the variety should be kept separate, and each should be sold for exactly what it is suited for and nothing more. Wolf Rivers are



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No other paint manufacturer ever made such a liberal offer, and I make it because I manufacture the best paint ever put on the market. I go even further. I will sell my paint on six months' time to responsible people if desired. This gives you ample time to test its value.

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Yours truly, **O. L. CHASE, The Paint Man,**
701 Olive Street, St. Louis, Mo.

fair canning apples, but the man who sells them for eating apples is not worthy of the confidence of his customers. Windfall apples should be separated from hand-picked; the former must be used immediately, the latter may be kept for some time, if necessary.

Apples should never be marketed in sacks. No apple can be put into a sack, carried, handled, loaded and hauled to market without becoming bruised to such an extent that its appearance, quality and keeping will be very seriously impaired. Boxes or baskets, though not so convenient, are much more satisfactory, and with proper care and handling apples thus treated may be taken to market in the finest shape.

If one wishes to obtain a good price, he must sell good goods. It pays to sort apples, rejecting all bruised, undersized and misshapen ones. Such may be used for some other purpose, as for cider or to sell to a less particular trade.

It pays to be honest in selling apples as in any other fruit. Anyone who will, may fool a buyer who is not a keen observer, but he cannot fool the same person twice. Where one is not a large grower, the most satisfactory results are obtained from having a good line of retail customers. With such one may be certain of a good market for any amount of first-class produce. In the larger cities, a person who has good produce in the proper packages, carefully picked and sorted, can, if he observes proper business methods, and uses honesty in all his dealings, have a trade which will furnish him a market for all he has to sell, and at a price far above that paid to the average grower for the average product. Franklin Brown.

The Family Pig.

To the Editor of The Homestead:

The pig, or rather pigs, I have in mind in the above title are the pen of pigs kept by the small farmer, fruit grower, or suburbanite, who does not breed hogs, but thinks it profitable to keep one or more to consume the swill from the kitchen and the unmarketable fruit, vegetables, and general waste.

For a number of years I have been feeding from one to five pigs in a small pen near the house with most gratifying results in the production of fine pork. Those results I attribute to a few simple rules, easy of execution, but requiring intelligent observance. First of all is the question of where to build the pen. Two considerations should govern this—nearness and ease of access and the protection of the house from offensive odors, sights and sounds. I built my pen to the northeast of the house, from which quarter the wind rarely ever blows, and directly behind the closet, which hides it from view and provides a good board walk the greater part of the way. As for sounds, it may be said that the pigs should never be allowed to become hungry enough to squeal, and that promptness on their part in reporting any dereliction of the feeder should be accounted a useful quality. The construction of the pen calls for but little and cheap material, provided certain essentials are furnished. In dimensions eight to ten feet square is large enough for three or four pigs. First lay a floor of plank. This can be two-inch oak raised well up on good sills, or it may be refuse inch stuff laid on rails, scantling, or anything at hand, and little, if any, above the ground. Positively at least half the pen must be floored for the trough and bed, as I regard this as the most important feature. The trough I put preferably on the west or south side, and upon the floor so that the pigs may have firm footing while eating. It should be very strongly made out of two-inch stuff and firmly fastened in place. Ties should

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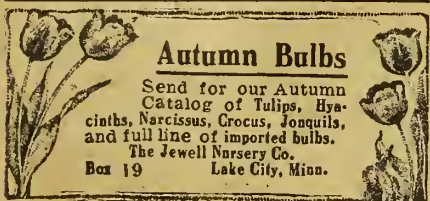
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be nailed across the top to divide it into sections and give each pig room and protection from his neighbor. It is better to mortise these in and they help to strengthen the trough.

Next, board up a corner on the north side tightly so no wind can enter. If very cold, bank it with earth or anything that will exclude the cold, and roof it with plank. Then fasten a broad plank along the side of the trough so it will come through the side of the pen far enough that the swill can be poured on it and carried directly without waste into the trough. With such a plank as long as the trough the feed can be poured in at different places and the strongest hog cannot monopolize the best place as is the case where a narrow chute is used to convey feed to the trough. It is an improvement to cover this plank, or planks, if two or more are used, with tin to keep the pigs from gnawing it and to make a smoother slide. Thus arranged the feeder can pour in the swill from the outside and avoid lifting the bucket over the fence and watching a chance to pour it between the expectant heads, which he often involuntarily baptizes. The pen is now completed, with the exception of a little bedding straw, to be used only in quite cold weather, and an old broom to clear water out of the trough. Of course, as above described, this pen can be built in a permanent and substantial manner of good lumber or it may be constructed of odds and ends lying about. In either style the essentials of floor, roof, and bed can be secured. The next thing is to get the pig, or pigs, and I would caution on two points: spare no money and trouble in getting good stock. I get mine twenty miles away, from a friend who breeds thoroughbreds, and

generally has some that are off color or deficient for shipping purposes which he is willing to sell at reduced prices. Secondly, never get one pig more than you can keep full at all times. I prefer to buy them when of thirty or forty pounds weight, though this is a matter of indifference.

In regard to feeding I would emphasize the value of absolute regularity, both as to time and quantity. I feed three times a day, though twice a day would do when pigs are well grown and they are accustomed to it as a rule. Never omit a feed; give them only what they will eat up clean; increase the feed as they grow; never let them get hungry enough to squeal between meals. These are all good rules.

As to the kind of feed, the principal part is the kitchen swill, into which I stir shorts enough to slightly thicken it. On this ration alone the pig will thrive, but in the winter it will pay to cook turnips, cull potatoes, peelings, and such wastes, and in the summer to pick up the wind-fall and wormy fruit. A pig thus fed will make wonderful gains in weight, not less than two pounds a day, and the choicest quality of pork. Pigs penned in April should weigh 400 pounds in November, and penned in November will make an equal gain through the winter. But take the same pigs and put them in a pen without a floor that they will soon root into a quagmire, without a roof to shelter them from cold rains and sleet and snow, without a dry bed where they can sleep warmly, and with a trough with one end up and the other down and half full of mud, and your profits will be a minus quantity; besides, the owner of such hogs should be prosecuted for cruelty to animals. L. R. Johnson.

OUR HOME DEPARTMENT

ALL communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

AMONG OURSELVES.

Before commencing the program proper, there is something I should say. I thought it was understood pretty generally that all communications for the press must be accompanied by the address of the writer, not necessarily for publication, but as a matter of good faith, but I am all the time receiving anonymous letters. This last week I have had half a dozen, some of them written on both sides of the paper. One of these had a postscript which said the full name would be given if desired. It must be given, if the writer wishes to see her letter in print. Several girls who say they work in the fields and are not ashamed of it, are evidently ashamed to have me know who they are, for they sign only initials, and M. R. T. took the precaution to carefully erase the name of her postoffice, which was printed upon the envelope she used. It is quite possible some of the writers of unsigned letters are unacquainted with newspaper usage. The writer who "presumes that the thing we Among Ourselves are aiming at is the capture of that slippery eel, happiness," could have no reason for concealing his or her name. Neither could M. H., whose charming little letter of appreciation for my editorial passing on Dr. Van Dyke's "Wood Magie," gives me much pleasure. Some of these letters I should very much like to use, and will use if the writers will take the trouble to send me the omitted address; otherwise into the waste basket they must go. While I am speaking on this matter, let me suggest that where there is fear that the name be not erased or torn off before the manuscript is sent to the printing office, it can be placed on a separate slip of paper. This is such a big country, there are so many persons of the same name, that a name tells very little, if anything, in the majority of cases. I wonder that the friends have the horror that most of them seem to have of having their names published, but I respect their feelings and never publish the name when requested not to do so.

And now to our program, which promises to be of unusual interest. Last week we should have had the conclusion of some Bird Notes by Mrs. Cornelius. Let us have them now:

Another joy of that spring was in finding Wilson's ornithology in our public library and, after some scheming, getting the use of it for two weeks. It helped solve many of my problems, even if it is an old book, and made from eastern observations. July 5th—I verily believe the birds are coming to me. A Maryland yellow-throat came into the peach trees at the back door. Hearing a high, rich "wee chee, wee chee, wee chee," I slipped out and saw him as plainly as if I had him caged. He either did not see me or was utterly indifferent, for I examined him as long as I cared to follow his leisurely track through the weeds and low branches. He even stopped to dress his feathers. Such a beauty! Slender, graceful, warbler shape; yellowish olive above, yellow rump, clear yellow throat and breast, shading to ash, and the startling black velvet mask, with ash line above. And I remember how hot and tired I was, canning berries, when I heard his call; and how that few minutes rested me and gave me new thoughts. I think I even smiled at the mischief which baby hands are so sure to do when left alone for a few minutes. April 8th—

It was amusing to see the birds waking up this morning. Sparrows and juncos had lodged in the hedge. There would be a faint chirp, a stretching of one wing and leg, a shake all over, a stretch on the other side, a half-sleepy bit of song, then birdie hopped to a higher twig and was ready for breakfast. Of course I was out so early letting my birds out of their coops. June 2d—Another red letter day. I have solved the woodland mystery which has puzzled me for twenty-five years. It is the wood thrush, and truly his other name, bell bird, is suitable. I am sure I have often seen the birds and taken them for thrashers. Ah, I well remember the walks of that summer. In my arms was always the tiny baby, so frail it seemed she could not live the summer through. Could you now see the round-faced, tanned little maid who trotted beside me this morning to show the next baby her first bird's nest you might believe with me that perhaps that summer outdoors saved her life. Enough to show how a busy housewife followed up her "fad," and it is such a beautiful fad that no matter what new interest rises she always comes back to this one with the old zest.

Mrs. Cornelius has evidently eaten of the magic berries described by Dr. Van Dyke. There must be others. Let us hear from them. The circle is very much stirred up over Aunt Ruth's remarks a few weeks ago, but before we take that matter up we shall hear Mrs. M. C. S. D. on a point introduced by Mrs. McKelvie, and since discussed by several of the friends:

It is time for someone to rise and set to rights a few subjects lately touched upon in our circle. Some of the sisters seem to think the men in need of defense. I am sure that Mr. J. B. Young and all other good and right-minded men understand the references by Mrs. McKelvie and others to the trying experiences of farmers' wives to refer to homes where such conditions really exist. Among individuals we frequently meet with one who considers it a virtue to profess ignorance of existing evils. The wise person looks with a clear eye upon human life in general and individual character in particular, and discerns the facts. Acquisitiveness is a mental faculty the normal exercise of which promotes the welfare of society and the happiness of home life. But it is a fact that many men allow themselves to be brought too fully under the influence of that faculty and after years of such living they become incapable of exercising the noblest qualities of manhood. Incapable to so great an extent that it becomes possible for a man to treat with indifference, perhaps with rudeness, the one having first claim upon his kindness and generosity, his wife, the mother of his children. Under such circumstances a woman's degree of physical endurance determines her ability to continue in ordinary health and also to provide for herself an income through chicken raising, etc. Because one woman can accomplish a great amount of labor about her home in one day it would be unkind indeed to assume that every other is able to do the same. Every clear-minded member of this circle knows that many a woman who would be delighted to have a hammock and other articles for ornament and pleasure about the home, finds that her every dollar is needed for necessities. The culture of ornamental plants in a yard where no fence is provided and where stock have occasional range should not be attempted. A hog seems to think some lovely shrub has been grown for the purpose of providing him a feast. In these cases two questions arise: How the husband may be led to understand the wife's feelings and circumstances and to realize the extent of his duty toward her, and what course is best for the wife to pursue?

I have suggested to Mrs. M. S. C. D. that she come again and reply to the questions she has asked. The circle will thank me, and look forward to her return, I think.

The matter of women working out-of-doors seems to touch a goodly number of our readers. Letters have poured in. For today's meeting I have decided to give first place to states from which we hear less often than some others. "An Oklahoma Wife," friends:

I read in the August 2d Home Department the article on girls hoeing in the garden, making hay, etc. Let me ask the sister where we find the healthiest women in the land. Is it among the wasp-waisted piano players and those who entertain at social functions, or is it among the girls who go out into the open air and exercise their muscles as well as their brain? If all of our ladies or girls were like the sister there would be many chores gone undone. There would be a great quantity of stuff to go to waste that is now saved by daughters of farmers putting their shoulders to the wheel at the proper time. We who have been raised on the frontier pity the poor girl who has not enough strength to get out into the field when necessary and drive a mowing machine or a binder, or even a plow. I have seen girls in summer time who could and did drive their fathers' binders and mowing machines, thereby saving \$2.50 per day, or perhaps a crop, and in the winter I have seen one of the same girls teaching a school. On Sundays she could play an organ, if not a piano, as well as most of our girls. And when she took upon herself the care of a home and children she was physically able to go through with it with very little inconvenience. Then, sister, look if you please at our German neighbors and see the girls of their race. They live outdoors, work outside and breathe the pure air of heaven, and enjoy the sunshine, and while they may not all have as much refinement as the basket ball and piano players they have what is of more importance to themselves and to our nation—



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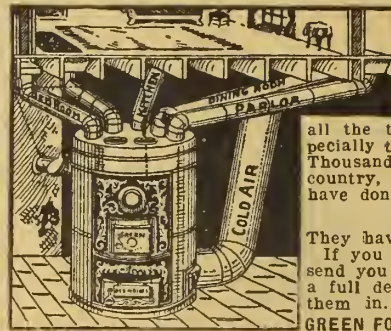
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good health. They are bringing into the world big, healthy boys and girls that have muscle and brawn, while the little wasp-waisted creatures are giving us poor, sickly children, which, if continued long enough, will make of us a nation of degenerates. If all of our daughters were sure of marrying rich and sure of being able to keep the riches they did marry, then it might not be so necessary for them to assist in the work, but riches often take unto themselves wings and fly away, or the "gude mon" of the house lays him down to sleep and leaves the widow with a mortgage on her property and a family to feed and clothe; then she needs to know something of a more substantial nature than basket ball or how to plunk, plunk, on a piano.

It will be admitted that "An Oklahoma Wife" supports her view with both spirit and good judgment. Mrs. Mead, of Colorado, seconds her ably:

I am moved to contribute my mite in defense of the woman who does outdoor work or allows her daughters to do it. The woman or girl who does a reasonable amount of outdoor work will have good health and steady nerves—things possessed by comparatively few women. Of course, the amount of work done should be regulated by the worker's strength; and a woman is far less likely to overdo when in the field than she is at housework. I am country-bred and have worked outdoors all my life, and can do almost anything from setting a hen to mowing hay or breaking a colt; in fact, have broken a good many colts, both to saddle and harness, and never broke one that proved untrue in any way. Have plowed, hced, cultivated, picked up potatoes, in short, all kinds of work that comes a farmer's way. I have a family of three children, ranging in age from eight to twelve, and they have been raised to know better than to interfere with the possessions of neighbors when visiting and to obey when told anything. My son takes care of his own room; can get a plain meal and wash dishes; and my daughters are learning "men's work." A woman who can handle a team and understands the ins and outs of the farm work is very much more independent than her sister who has to take her husband's word for it that he "can't spare a horse for her to drive to town." If a woman works in the field a man should be willing to return the compliment and help in the house. Also a woman must neglect her housework to a certain extent when in the field or she will overdo. I have not suffered in any way that I can see by doing men's work. Some claim it makes a woman coarse and mannish, and some women who work outdoors certainly cannot be classed as refined, but is it the work or inherent characteristics that cause the lack of refinement?

Supporting Oklahoma and Colorado,


comes Michigan, in the person of Mrs. King:

I wonder if the readers of the Home Department would care to hear from Michigan. We enjoy reading this paper very much. I think Mrs. Larsen must have all she can do and more than she ought to do. Does she get a rest in the winter when her husband does not have so much to do? I do not see why Aunt Ruth need be ashamed of us women who work outdoors and help our fathers and husbands any more than we need be ashamed of the women who sit in the house and play the piano and read dime novels and take patent medicine, and think the men are good for nothing but to wait on them. I, for one, do not think it a disgrace to work in the garden, hay or corn fields any more than I think it a disgrace for husband to help me wash, or cook, or wash dishes when I have more than I can do. You girls need not be afraid to learn to milk the cows. I would not give much for the man's sense if he did not appreciate the woman or the girl that could milk when he had to work late and was tired out, as much and just a little bit more than he did the one who jumped up from the rocking chair or couch to empty the water pail.

And now Nebraska, represented by Mrs. Rose Barker:

In response to Mrs. Walker's suggestion to jot down our thoughts, will you allow an interested reader to come into the circle? In reply to Mrs. Belle Larsen's question, "Shall mothers allow their daughters to do general outdoor work?" It depends upon the woman. If the girl has been highly educated she will probably not be able to do it, if she is willful, which is doubtful, for if you look the matter square in the face much of our modern education incapacitates its subject for hard labor or physical endurance. See the foreign women in our midst, used to toil indoors or out, and contrast them with the average high school girl calling many of life's duties drudgery; yet someone must perform the tasks in order that the household machinery may move smoothly. The same task taken hold of willingly is lightened by half. The help question is the most serious one which confronts the farmer and his wife. Teach your daughters to be willing to assist in the outdoor work when necessary at least, and your sons just the same, to perform many tasks about the house, that each may be willing to do whatever the hand findeth to do. In later years they and their loved ones shall rise up and call you blessed.

To my very great surprise, no one has rallied to the direct support of Aunt Ruth. I say direct support, because incidentally some of the letters received recently do support Aunt Ruth's posi-



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dion. This week we shall have one of these, from Mrs. Lawrence, of Kansas:

Too often do we hear the cry from the women of our farmer folk, "How I hate the farm. Work is never done with here. We have no time for rest or recreation." Dear sisters, let me tell you there is a remedy for all this—just resolve to attend to your household duties alone and worry not about outside affairs. What if the crop is to be made; what though the men are anxious to get to the field, are you not doing your part toward making the living when you keep the machinery of home and life running smoothly, preparing the meals for famished men, keeping the clothing in readiness, and attending to the hundred and one duties which fall to the lot of the careful housewife? All this tends to make the home attractive and restful to the weary ones when the day's labor is ended. I ask, why should the woman be expected to leave her own pressing duties to wait on the men because they are anxious for an early start to their own work? "Wife, you better feed the calf this morning, turn the cows in the back pasture, be sure and send water to the field about 10," and the like. I contend that it would be just as reasonable for the wife to say, "Here, John, I have much to do today, will you wipe these dishes, sweep the kitchen, please," etc. "You can work a little faster in the field to make up for lost time." As to pin money I say decidedly that in my opinion the wife and daughter should be entitled to the egg and chicken money as a small recompense for their increasing labors during the year. Does the husband or brother go to town with empty pocketbook? No. Neither do they ask for money. They are supplied with proceeds from some farm product. And why should not the wife and daughter have the same privilege? Perhaps I am biased in these matters. Would he interested in hearing the opinions of other readers on this subject.

Next week we shall have a continuation of this matter. Before then, perhaps the women who agree with the stand taken by Aunt Ruth, without perhaps going as far as she does, will join her in protesting against women working in the fields.

Mrs. Myrt has a word for us on a subject which has, for those who look below the surface, a not indirect bearing upon the one under discussion:

Just how many children a woman should bear to fulfill her duty along that line should be settled by one—herself. No one else should dictate the number. I believe it is the earnest desire of ninety-nine women out of 100 to become a mother at some period in their lives. And having given birth to one child, nine-tenths of these willingly go down a second time to the very door of death that theirs may not be an only child, that their homes may be filled with childish prattle. Again and again, helpless babes are given birth till their very lives have been sapped out of existence. If a woman is physically able to become a mother every year or eighteen months and give each and every child the proper care and training, she is indeed fortunate—a woman to be envied. But the great majority of wives and mothers have not the strength and vitality to carry them through this trying ordeal without becoming sooner or later physical wrecks, nervous, broken down, or old before their time. Let each woman become a mother only just so often as she feels herself able, both bodily and spiritually, to give to the world a child of which she need not be ashamed. When each child is tenderly looked for and welcomed, when each mother consecrates her unborn to God and strives to give it the best of herself

that it may be sound in body and of an intelligent mind then the world will grow better. Is not our child, well born and properly raised, better than two, or even four, handicapped with disease or a sluggish mind? God pity poor, tired, nervous mothers, worn out with child bearing and child rearing.

We have had a number of letters of late, which it would be well if husbands and wives read in company. Mrs. Myrt's belongs to this class.

A couple of requests of a material nature bring us to earth again—to the kitchen, rather. "A Subscriber" asks for a recipe for making wine from wild grapes, and Mr. Prouty, of Greenfield, asks on behalf of the farmer with a big apple crop, how vinegar can be made at home.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Some murmur when their sky is clear
And wholly bright to view,
In one speck of dark appear.
In their great heaven of blue;
And some with thankful love are filled
If but one streak of light,
One ray of God's good mercy gild
The darkness of their night.

—R. C. Trench.

One of the secrets of happiness is the using of little pleasures. So many wait for the larger blessings, and because they seldom or never come, miss all the joy. The deeper happiness comes gently and silently, and we need the discerning power to see it.—Every Other Sunday.

DON'T GIVE UP.

Sorrow came to you yesterday and emptied your home. Your first impulse now is to give up and sit down amid the wreck of your hopes. But you dare not do it. You are in the line of battle, and the crisis is at hand. To falter a moment would be to imperil some holy interest. Other lives would be harmed by your pausing. Holy interests would suffer should your hands be folded. You must not linger, even to indulge your grief. Sorrows are but incidents in life and must not interrupt us. We must leave them behind while we press on to the things that are before. Then God has so ordered, too, that in pressing on in duty we shall find the truest, richest comfort for ourselves. Sitting down to brood over our sorrows, the darkness deepens about us and creeps into our heart, and our strength changes to weakness. But, if we turn away from the gloom and take up the tasks and duties to which God calls us, the light will come again and we shall grow stronger.

PEGGING AWAY.

Men seldom mount at a single bound
To the ladder's very top;
They must slowly climb it, round by round,
With many a start and stop.
And the winner is sure to be the man
Who labors day by day;
For the world has found that the safest plan
Is to keep on pegging away.
You have read, of course, about the hare
And the tortoise—the tale is old—
How they ran the race—it counts not where—
And the tortoise won we're told.
The hare was sure he had time to pause
And to browse about and play;
So the tortoise won the race because
He just kept pegging away.

—F. H. Sweet.

TRUE ENOUGH.

"That's a hornet nest. Don't go near it," said the farmer, who was showing the city boarder over the place.
"We got one of 'em at home," stated little Sammie Henpeck.
"You have?"
"Yes. I heard papa tell Mr. Sports that he stirred one up every time he stayed too late at the lodge as soon as he got into the house."

THE RIPE CUCUMBER.

Ripe cucumbers make delicious sweet pickle, catsup, chowchow and other good dishes. To use them for sweet pickles, pare, seed and cut up seven pounds of them. Boil in vinegar and water, half and half, after adding a little salt, until they are clear looking, but not overdone; drain them in a colander; then to one pint of fresh vinegar add three and one-half pounds of sugar and let it come to the boiling point; add the cucumbers and scald them; drain them again and when cool put in a jar with a sprinkling of stick cinnamon, cloves, allspice, mace and a few kernels of black pepper; sprinkle also a few raisins between the layers of pickle; then pour the juice or the sirup of vinegar and sugar over them and seal the jars. This pickle will be ready for serving in a few days. A good chowchow is made as follows: Peel enough ripe cucumbers to make three quarts when chopped; chop fine and add one and one-half quarts of white onions, also peeled and chopped; salt the pickle to suit the taste; put it in a coarse bag and drain it for twenty-five hours, after placing a heavy weight over it; when well drained add two ounces of white mustard seed, two finely-chopped green peppers and one tablespoonful of ground black pepper; mix all thoroughly together and add enough vinegar to cover them; put them into a stoneware jar and add a little grated horseradish and a few nasturtium seeds. The following recipe is for an acid preserve or pickle that is well liked served with roast mutton or almost any roast: Peel firm, ripe cucumbers; remove the seeds and cut them into slender strips about an inch wide and three or four inches long; put them into enough cold vinegar to cover them and let stand twenty-four hours; then drain them and just cover again with fresh vinegar, and to

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every quart of vinegar add two pounds of sugar.

GRAPE JUICE.

Select choice, sound Concord grapes. If you buy them use none that are broken or moldy; pick from the stems, wash, place in a colander for the dirty water to drain off, then place in a white enameled preserving kettle. To each ten pounds or six quarts of the stemmed grapes add one quart of cold water; place over the fire and boil gently for ten minutes or until the pulp is thoroughly cooked and broken. While the grapes are cooking, frequently stir with a wooden spoon. Remove from the fire and express the juice through a cheesecloth bag; replace over the fire, add a very scant half pint of granulated sugar to each quart of juice; remove any scum that arises. When the sugar is dissolved and the liquid has reached the boiling point, strain through a cheesecloth or jelly bag; replace over the fire to keep it very hot while bottling. Bottle, cork and seal. Use bottles that have been thoroughly cleansed with water as hot as can be safely used. They should be filled while warm. To prevent them from breaking while filling place in them a clean wire of sufficient length to extend into the funnel. In using fruit jars instead of bottles a large spoon is better than wire. Do not use a wooden spoon. Do not allow grape juice to remain in a tin vessel one minute. If the hot juice is strained into a crock, the crock should be previously thoroughly warmed or moderately heated to prevent breaking. Keep in a cool place.

RELISHES.

Pickled Onions.—Peel small silver onions and put them in a pan of boiling water. When they look clear take them out with a strainer ladle and place on dry cloth. When quite dry put them in a jar and cover with hot, spiced vinegar. When cold weight them down and cover closely.

Cold Catsup.—One-half peck ripe tomatoes, skinned, two red peppers and two large onions, all chopped fine; add one cupful grated horse radish, one-half cupful salt, one-half cupful white mustard seed, two tablespoonfuls black pepper, one cupful brown sugar, one teaspoonful each ground cloves and mace, two teaspoonfuls ground cinnamon, and one quart cider vinegar; mix well, but do not boil.

Chili Sauce.—For Chili sauce use ripe tomatoes. To each eighteen allow two and one-half cupfuls of vinegar, one cupful of sugar, chopped green peppers enough to make one cupful, three onions chopped fine, two tablespoonfuls of mixed ground spices, cloves, allspice and cinnamon; boil all together until a rich sauce is formed and the flavors are so well blended that no one is especially distinguished from the rest; pack in small jars and store in a cool place.

Governor's Sauce.—One peck of green tomatoes, four large onions, six red peppers, one teaspoonful grated horseradish, one teaspoonful each of cayenne and black pepper, one teaspoonful mustard, one-half cupful sugar; slice the tomatoes and sprinkle over them one teaspoonful salt; let lie all night; then drain well and simmer all together until cooked through; seal immediately.

Dressmaking and Millinery—No. 531.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

The tie of maline that has a big, fluffy bow and ends at the throat is again fashionable, and while most of us would prefer this in snowy white, fashion is setting the seal of her approval on brown for the purpose. And this, too, without regard to the color of the costume with which it is to be worn. As we have been used to seeing this maline it is very perishable stuff, but it is now to be had in a water-proofed kind that will bear perspiration as well as such usage as would be required of it for the purpose mentioned. This variety is called malinette. Maline or malinette is also being extensively used for large boas such as were very fashionable a few years since. One having time and skill in such lines may make one for herself at small expense, or they may be purchased ready to wear. For general wear black is usually chosen, but for evening or for any

"dress" affair tints and colors, as well as white, are favored.

Mention has been made of the various forms in which the coat for fall and winter wear will come to us, and it is well to bear in mind what modes one may select from and yet be fully up to date. Designs will be given from time to time, each of which will be stylish, but not more so than will be other types that we may be able to show at once.

Many of these outer garments will be built on the Empire lines, and a design for one of these is shown herewith. As pictured, it is cut in the half length, but if the garment



[5419 Empire Coat, 33 to 40 Bust.]

is wanted either longer or shorter the length may be added to or taken from as desired. No. 5419 is cut with fancy yoke and there are pleats at front and back. The fronts are full length, while the side fronts are joined to the yoke portion. There is a small shawl collar. The sleeves are cut in elbow length and finished with a hand and cuff, and are also extended by means of a deep cuff that may be worn or omitted. The trimming is of banding and applique, but in this any



[5418 Fancy Pleated Skirt, 22 to 30 Waist.]

variation is admissible, even stitching being as much the vogue as trimming as in former seasons. For early fall wear the coat may be of taffeta or any of the usual silks, or any of the light-weight jacket cloths, or it

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AS A GUARANTEE that our less powder, loaded 12, 16 and 20-gauge shotgun shells are the HIGHEST GRADE MADE IN THE WORLD, and will shoot stronger, kill farther, make better pattern and penetration, give less smoke and recoil, and give better satisfaction in every way than any other shotgun shells made, although our special price are about one-half what others charge, WE MAKE THIS GREAT FREE OFFER:

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OUR SPECIAL PRICE for smokeless shells is 39 cents per box of 25; \$7.25 for a full case of 500; much less than others charge for black powder shells, about one-half what others charge for smokeless shells that will not compare with ours.

FOR OUR BIG FREE BOX TRIAL OFFER, and for our inside prices, on a postal card offer, or in a letter to us simply say, "SEND ME YOUR AMMUNITION OFFER," and the great offer will go to you by return mail, postpaid, together with our new Sporting Goods Catalogue, showing metallic rifle and revolver cartridges at 19 cents per 100; \$5.00 revolver for \$2.69; \$5.00 rifles for \$1.69; \$5.00 breech loading shotguns for \$2.28; \$25.00 double barrel hammerless shotguns for \$9.95. Don't pay three prices. Write for our ammunition offer today. Address, SEARS, ROEBUCK & CO., CHICAGO

LIGHTNING STOPPED

FROM burning out phones or houses or shocking people during thunderstorms by the J. W. Pedigo Lightning Arrester. It disconnects your house and phone from outside wires. So safe and simple a child can operate it. Easy to install. Cuts and circulars free. Agents wanted.

J. W. PEDIGO,
LUCAS, IOWA.

may be of the suiting if a coat and skirt suit is to be made. For later wear the usual heavy-weight cloths will be used for such garments, but if undertaken by the home dressmaker a loose weave should be selected as likely to give better results. Pattern No. 5419 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure.

A fancy pleated skirt in one of the favorite modes of the fall season is pictured in No. 5418. It is cut in nine gores, extensions on each of these forming the pleats. The panels are separate and are stitched into place. As shown, these panels are of lace, dyed to match the material, the medallions being treated in the same way. If made of

the material the panels may be trimmed in any way liked, or simply stitched about their edges. No. 5418 is cut in sizes for a 22, 24, 26, 28 and 30 inch waist measure.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Third Quarter. Lesson X. Luke XVIII, 35; XIX, 10. September 2, 1906.

Bartimeus and Zaccheus.

[Note: For evident reason, attention is confined to the latter part of the lesson prescribed.]

Jericho!—what stirring scenes the name recalls: Rahab and the spies, all saved by a rope of significant color; Joshua meeting the angel with drawn sword; Israel's march about the city to ram's-horn accompaniment; Achan's troublesome wedge of gold and Babylonish garment; Elisha healing the spring of waters; the school of the prophets; not to speak of the Oriental splendor of Herod and his son Archelaus! But for ethical purposes, every other incident connected with this City of Palms must give place to Jesus' interview with Zaccheus.

It was a busy day in that commercial city, the revenues of which were esteemed a gift a Roman triumvir might appropriately bestow upon an Egyptian queen as a love-token. A singing pilgrim caravan from Galilee and Perea was in passage for the Passover at Jerusalem. The presence in it of the Wonder-worker who had so lately raised Lazarus gave an unusual interest to what was otherwise a familiar incident. As it was, the whole populace poured out, and hedged the street on either hand.

The chief collector of revenue heard that Jesus was passing. As he sat there at the receipts of customs, with accounts spread out before him, there was a tumult of conflicting emotions in his heart. We may almost hear his soliloquy, "Jesus, who spoke the parable of the Pharisee and publican, who has eaten with publicans, who has ordained one to be His apostle; Jesus, so near, and for the last time, too, for the Jews will surely kill Him on this visit to Jerusalem—I will see Jesus!" On that resolution a soul's destiny turns. Daybook and ledger are closed, office locked, and Zaccheus sallies forth.

A less resolute soul, one less fertile in resource, would have retreated before such hindrances. An impenetrable human wall; nobody inclined to show the odious tax collector slightest courtesy; rather to improve the opportunity to elbow and jostle him. But Zaccheus remembers the Egyptian fig-tree far down and in the middle of the thoroughfare. He runs and climbs into the low fork of the tree. Doing so, he violates the eastern notion of decorum, and makes himself more than ever the target for gibe and epithet. But what does that amount to, so only he sees the Friend of publicans? One smile from Him will repay all.

As the confused sounds of the approaching throng grow more distinct, so does a holy purpose in the heart of Zaccheus. It might express itself in the words, "If Jesus only calls me, I will forsake all to follow Him." His master passion, avarice, most subtle and imperious of all, has received its death-blow.

Before he ever left the fork of the tree, Zaccheus was far beyond the young rich ruler. No need of Jesus testing him with the command, "Go sell all, and give all." Can this man, whose life has been one of social ostracisms, believe his ears? In defiance to popular feeling and established etiquette, does Jesus invite Himself to his home? Will the great Rabbi actually enter a house, the threshold of which no self-respecting Hebrew has ever crossed? Fears he no ceremonial defilement?

It is no mistake. Jesus is looking up with smile of recognition and eyes of love. In a transport of joy, this outcast son of Abraham descends, and embraces, in all the fervor of a new affection, his self-invited Guest. Arm in arm they walk toward his tabooed home, while the opprobrium that once rested on Zaccheus falls with augmented weight upon Jesus. Above the confused and threatening roar of general disapproval can be heard at times the clear and ringing indictment, "He hath gone to be a guest with a man that is a sinner."

In the portal of his lordly manor Zaccheus pauses. He is grieved at the imputation cast upon his new-found Master—grieved that he himself is cause of it. He stands forth, and, with wave of hand, asks the attention of the ill-humored throng. In substance he says: "You call me sinner. I have been such. Having lost all prestige among you by accepting office under an alien government, having no longer any reputation to support, I have yielded to the insidious allurements of my odious position, and have at times made false depositions to increase my revenue. I call you to witness that in every such instance I will make fourfold restitution. When this is completed, I will give half of the remainder to the poor. You say Jesus is going to be the guest of a sinner. Granted! But not of an unrepentant sinner, reveling in ill-gotten gains. A sinner, yes; but one who brings forth fruits meet for repentance."

As if to seal this protestation with Divine authority, Jesus lifts His hands and solemnly declares absolution. "Saved! saved! Both he and his house; because he is a son of Abraham, not only by nature, but by grace through faith. He proves his lineage from the father of all the faithful. You have called him sinner. Well, the very end and aim of My mission is to seek and save sinners. I call you to witness My success in this instance."

Analysis and Key.

1. Zaccheus: his city, office, fortune.
2. A desire, a hindrance, an expedient.
3. Jesus' recognition and request. Zaccheus' compliance.
4. Popular disapprobation.
5. Changed nature of Zaccheus. Evicted by his pledge.
6. Jesus' commendation.

The Teacher's Lantern.

Zaccheus was the Benedict Arnold of Jericho, and all that region. He was esteemed a traitor to his country, a renegade from his church. This incident is full of cheer to social outcasts, whether such justly or unjustly; they are still sought of Jesus.

His church is to be like Jesus' self in its obliviousness to public contempt of individuals. Whether that contempt has any foundation in fact or not, it is still an immortal soul, which Jesus loved, for which He died. Let Jesus' church, like Jesus' self, still seek and save the lost. He resolutely ignored all distinctions of social caste when a soul was to be won.

We can enter into social relations with sinners when the end and aim of it is

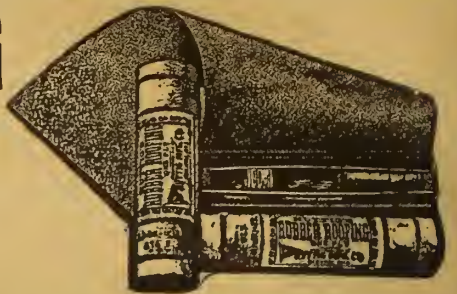
You cannot be well unless your stomach and bowels are right.

The thing to right them is

At your druggist's.

Jayne's Sanative Pills

ROOFING THAT WILL LAST.



What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co.,

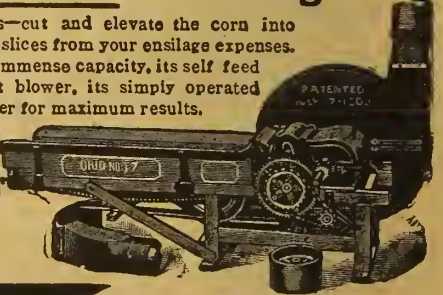
Muscatine, Iowa.

How About YOUR Ensilage?

"OHIO" Ensilage Cutters cut two ways—cut and elevate the corn into silo at an amazing speed; and cut off huge slices from your ensilage expenses.

How does it "cut" expenses? By its immense capacity, its self feed mechanism, its power-saving direct draft blower, its simply operated silage distributor, its minimum use of power for maximum results.

Silage as a milk and beef producer is far superior to grain. Our book "Modern Silage Methods" (10c) tells all about it. Our Ensilage Cutter Catalog will easily convince the man who wants the best. Send for it. Manufactured only by
The Silver Manufacturing Co.,
Salem, Ohio.



Try My Scale 30 Days Free

You need it, Mr. Farmer, Elevator Man or Grain Dealer. Brand new 1906 model Knodig Pitless Scale, sold direct from the factory, costs you just half the price of a pit scale. And it's a better scale. No pit with rotting lumber and rusting parts. Accurate as any high priced pit scale. Tested according to U. S. Standard weights. No notes to sign and nothing to pay till you are satisfied. Write for catalogue.

H. C. GUMBEL, Gen'l. Mgr., National Pitless Scale Company,
201 Wyandotte St., Kansas City, Mo.



that we may save them. A single courtesy will do what an age of self-righteous disdain will not. It will sometimes convert a sinner from the error of his way.

Curiosity may be a means of grace. It is a good thing when the stolid indifference of a community can be broken up, and people inclined to say with Moses at the burning bush, "I will turn aside and see what this thing is."

Grace was magnified in the salvation of Zaccheus. He was a hardened, money-getting man of the world. As Valings finely says: "The corrupt child of an age of corruption and fraud; steeped in an atmosphere of oppression, social suspicion, national aversion; confronted, for the first time in his life, with absolute personal honesty, transparent truth, and single-mindedness—heart and life were changed at a stroke before the burning gaze of Incarnate Honor."

Zaccheus drove the nails into the coffin of his dead vice when he made fourfold restitution and gave half to the poor. Sacred arithmetic, this; heavenly multiplication and division! The camel went through the needle's eye. A rich man got into the kingdom. A public extortioner became the free-handed almsgiver. And the cold heart of a rapacious publican glowed with a new affection.

After assignment—what? Zaccheus' proposition reported on 'change today would produce a sensation. No debtor I know of proposes to revive outlawed accounts with a view to paying them. No assigner, as far as I know, having retrieved his fortune, now proposes to pay the balance on each dollar with interest. Yet does not the Christian principle of restitution carry a man beyond the line marked by the civil statutes? Does not the disciple of Christ recognize a law higher than that of the state?

STILL COLLEGE OF OSTEOPATHY, DES MOINES, IOWA

EXPERIENCED INSTRUCTORS. LARGEST OSTEO-PATHIC CLINIC IN THE WORLD. Three years' course. OSTEOPATHIC INFIRMARY IN CONNECTION. Send for catalog J. This college is thoroughly reliable and is recommended by all the leading citizens of Des Moines. We are in position to take care of patients of all classes. Infirmary will be open all summer. The best of everything. C. E. Thompson, A. M., D. O., president; William E. D. Rummel, A. M., L. L. B., Secretary and General Manager, 1422 Locust Street.

Put yourself in the way of Christ's coming. Take some coign of vantage, some sycamore altitude. Get out of, get out of, the din and throng of the world! Jesus will surely note our effort and reward us. Zaccheus needs speak no word; his action speaks louder than any articulate sound.

Jesus is still in search of entertainment. He stands at the door and knocks. Alas that, of so many places, it must still be said, as of the Bethlehemite inn, "There is no room!"

Oh, the solemn responsibility of heads of families! The household usually embraces the faith of its head. We shall measure the exemplary influence of one who establishes and maintains a home.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

25c
POSTPAID

EASY ON WRIST
No Blisters

NEW AKIN CORN HUSKER

Just fine for rapid, easy work. Strong and durable. Easy to use. Fits snug and holds fingers firmly together so there's no jar to speak of. Quickly put on.

Adjustable Pin, made of cold-drawn steel, mounted on piano-wire spring, relieves the strain on hand, wrist and arm muscles. If your dealer hasn't it, send 25c and get the Husker that beats 'em all.
Smith and Davis, Box 2, Ames, Iowa.

PILES

FISTULA--NO MONEY TILL CURED

MR. J. H. LONGNECKER, OF LORIMOR, IOWA, WRITES: "You have surely cured me of Piles, and I sometimes really think I am somebody else. I feel so much better in every way. I had been afflicted for forty years. Am cutting corn now, which is something I have not been able to do for years."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.
Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....
Town..... State.....

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

THE OUTLOOK FOR SHEEP.

The outlook for sheep seems to be most excellent and there is but little abatement in the demand. One importer of sheep brought over a large number of good ones and disposed of most of them before he reached his farm. The demand and prices offered were such that it meant a sale. Some of his regular customers who were awaiting his return were chagrined to find him with so few sheep.

Some representative sheep men have written the Rural New Yorker their opinions of the outlook for sheep, which we append. Mr. L. M. Hartley, of Iowa, writes: "The outlook for sheep is the best ever known; the demand for breeding stock far exceeds the supply and numerous small flocks are being started, particularly in the South and Southwest. One cannot prophesy with any degree of accuracy, but it does not look now as if the business would be overdone very soon."

Mr. H. M. Keim, of Indiana, writes: "In my opinion there is a greater tendency among small farmers to take up a small flock of sheep than there has been in years. The good price for wool is of course a stimulus to the business, and makes it highly profitable. There are still a good many doubting Thomases who are afraid the matter will be overdone. With spring lambs selling at eight cents a pound live at the principal market points, and the supply not nearly up to the demand, it looks to me as though there is a good future for the business. For my part, I am in the sheep business to stay. It has its ups and downs, like every other enterprise, but no man can handle a flock of good sheep intelligently at a loss. The sheep always carries her pocketbook with her. If she dies, her pelt or fleece pays funeral expenses. If she lives her wool in the spring and lambs in the fall bring double revenue. No other stock pays as large a percentage of clear profit on money invested."

Mr. A. J. Klein, of Wisconsin, writes: "According to my opinion, there is very little reason to fear that there will be an over-production of sheep in the near future. It seems as though there are some new flocks started all over the country, but on the western ranges they are losing ground, also in the dairy district there are fewer sheep than there used to be, on account of high price of dairy products, and the high price for mutton these last few years was too tempting to keep many ewe lambs back, and the ewe flock is getting old. The growth of population, with increased demand for mutton, is another good sign for the future of sheep. According to my judgment, there is more money in sheep than any other stock, especially

if the labor question is taken into consideration. All summer, when the dairymen are somewhat tied to their job of milking and taking care of same the sheep men can take it more easy and do so much more farm work in morning and evening when the dairymen will have to be on duty. I have my lambs come in spring before work on the land or spring seeding begins. There is more time to look at them then and they are out of the way and ready for pasture when the time is taken up for general farm work. In winter I feed my sheep on corn fodder and clover hay with oats and bran at lambing time.

The Practice of Inbreeding

To the Editor of The Homestead:

In discussing a subject it is customary to first define its meaning. In this case, that is almost impossible, as very few authors agree as to what constitutes inbreeding. It is generally understood to mean the mating of animals closely related, but the degree of relationship is where the difference of opinion appears. It would seem to us that the mating of animals as closely related as cousins would be close inbreeding.

It has been said that the first fundamental principle of inbreeding is the concentration and conservation of reproductive force in such a manner as to intensify and magnify family characteristics so that each generation becomes more and more conspicuous for its extra development of said characteristics.

Having this principle in mind, it is self-evident that undesirable qualities are intensified as well as the desirable ones, and that it must sooner or later destroy the usefulness. However, it cannot be denied that nearly all the famous breeders who developed our most important breeds resorted to inbreeding to a greater or less extent; but it requires close observation and close selection and a knowledge of form, both interior and exterior, that very few possess. While many have developed great and useful breeds, there are scores of others who have made utter failures resorting to inbreeding, but we generally do not hear from those who fail.

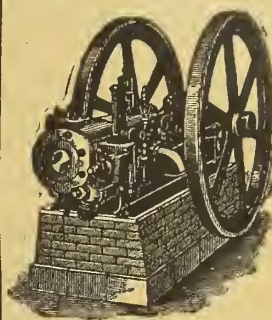
To inbreed, we must have two animals that have only trivial defects, and those defects should not be the same in both; each defect should be offset in the other. Thus it is apparent that such animals are a rarity. So for the average breeder it must seem that it is entirely impractical and a dangerous practice. Inbreeding as commonly practiced produces a weakened constitution, lack of energy, a pre-disposition to disease and a lack of fecundity. Let us take a common example found in almost any community.

A farmer buys sows from a successful swine grower. If it is not convenient to buy a boar or, for economy's sake, a male pig is selected from his own sows and this is continued for four or five years let us note the change. The stock now in the herd is so changed that there is no resemblance to the original stock, except, perhaps, in color. They have lost their original vigor, their backs sag, they are weak in the pasterns, have only a few pigs to a litter and they are weak and have a hard time to pull through, and it takes a long time to fatten them. The case cited above is one that I have had the opportunity to observe, but I dare say there are such cases in every community.

Or we can see it in our own herds where there is an accidental litter closely bred. True, some of them have the fancy points so desirable in the show ring, and by studying the breeding of some of our noted winners we will see that they are closely bred. While it produces a few winners, it also produces a large number of useless hogs, even if their pedigrees are valuable. The craze is to get the name of some noted boar to appear as often as possible in the pedigrees of our hogs, many breeders mating animals closely related without any regard to their individuality. This is not generally practiced by the successful breeders often enough to hurt the breed. We must come to this conclusion—that

TWO ENGINES FOR SALE

One twelve-horse "Standard" gasoline and one thirty-horse Frost automatic steam engine, both in A1 condition and will be sold at a bargain. The gasoline engine is complete with all accessories, including one fifty-gallon gasoline tank, one large water circulating tank, one burner tank, one Bunson burner, one exhaust box, spark plug, spark



coll and switch, six-cell battery, wire, etc.; also a complete set of sight feed oilers. This engine is adapted for every purpose where power is required. The gasoline is pumped automatically and controlled by a needle valve, the surplus gasoline returning by gravity to the supply tank. A sight feed shows the operator the amount of gasoline supplied at all times. The governor is of the ball pattern, providing positive control and uniform speed. The speed may be varied from twenty-five to fifty revolutions without stopping the engine for adjustment. This engine is practically new and in first-class condition in every way; was built by the Des Moines Gas Engine & Electric Co., Des Moines, Iowa, from whom parts and supplies may be obtained at any time. The steam engine is a Frost, automatic, side crank, 8x13, left hand, rated thirty horse power, speed 250 revolutions per minute. Fly-wheel drive, 48x10; three-inch throttle; outboard bearing with adjustable sole plate. This engine is in prime condition, will operate on a 2 per cent variation and would be suitable for belted generator or any other service where steam power can be employed. Also advantage and will soon save its cost in connection with the above engine. Address for price and full particulars,

Homestead Co., Des Moines, Iowa



REST ASSURED

IN MINNESOTA

THOUSANDS OF LAKES EASILY REACHED VIA

CHICAGO GREAT WESTERN RAILWAY

\$12.00 to St. Paul or Minneapolis and Back.

Get a copy of the "Guide to Guide Books"—free.

E. J. SAWYER, City Ticket Agent,
514 Walnut Street. - - Des Moines, Iowa.

for the general producer it is best to let inbreeding alone and use males which have none or very little relationship to our sows.
C. A. Steele.
Boone County, Iowa.

HOMESEEKERS' EXCURSIONS. CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST
CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Nock, Minton, Cooper, Williams and Buttar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KELLERTON, IOWA

Allen's Shropshire Rams and Short-horn Bulls
I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.
GEORGE ALLEN, LEXINGTON, NEB.

Shropshire Rams

A T Pike Timber. A good lot of yearling Shropshire rams, all got by the Imp. ram Lord Byron (0959-R) and some of them out of imported ewes.
T. A. DAVENPORT, BELMONT, IA.

plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

\$4.50 ST. PAUL AND MINNEAPOLIS \$4.50 AND RETURN.

Via Minneapolis & St. Louis R. R. Train leaves Union Station at 9:05 p. m. August 31st. Tickets good to return on all regular trains Saturday and Sunday. Tourist sleeping car berths \$1.00. For reservations and further information, call at City Ticket Office, 512 Walnut St., Des Moines, Iowa.

CONGO

NEVER-LEAK ROOFING

THE NEVER-LEAK ROOF

After you've tried the other kinds—the kinds that need constant coating—the kinds that rot through from below—the kinds that rip off in the wind—the kinds that wear out in a year—the kinds that leak when the snow thaws on them—and all the rest—after that you will settle on Congo Roofing—the kind that endures.

Lots of other people have had that experience and that explains the popularity of Congo.

Samples and Booklet free.

Write for name of nearest agent and free sample.

BUCHANAN-FOSTER CO.,
44 Chestnut St., Philadelphia, Pa.

ADVERTISING NOTES.

Mr. S. M. Strawn, of Valley Falls, Kan., advertises his King and Queen Country of northeast Kansas rather neatly on this page. Write him.

Mr. P. H. Marlay, of Mason City, Neb., has some choice bargains in central Nebraska farm lands to offer Homestead readers. His advertisement appears on this page.

The G. W. Johnson Land Company, of Gary, S. D., have an advertisement on this page of The Homestead. They write that Iowa farmers who have gone up to Minnesota and South Dakota report that they like it up there as well as in Iowa and that they can make as much money farming in that state as they could in Iowa, with one-half the investment. We have had business transactions with the G. W. Johnson Land Company, for some time, and can recommend them as reliable people to the readers of The Homestead. Read their advertisement.

Improved farms at a low price per acre are becoming scarcer and scarcer as the years go by and wild lands at the old-time prices are a thing of the past. About the nearest approach to the low prices, on both improved farms and wild lands, that we know of are those quoted by the Farmers' Land Agency, of Cumberland, Wis., in their advertisement on this page of this issue. All the lands that they are offering for sale lie from two to six miles from the city of Cumberland and within seventy-five miles of St. Paul. If you are interested and want further particulars, address the agency as above.

The McMahon School of Telegraphy and Railway Business, of Arkansas City, Kan., a school under the management of men connected with the greatest railway system in the world, will within a short time move from its present location to new quarters in the recently completed Hamilton-Cullison Block, the most elegant structure in Arkansas City. Elegant rooms have been fitted up especially for this school. Many new equipments will be added. Several teachers who are practical railway employees will conduct the school and keep it up to its present high standard. The McMahon-Sligo School of Telegraphy and Railway Business advertisement appears in this issue on page 4. Look for it, and when writing always mention this paper.

A representative of The Homestead recently visited the great stove works of the Kalamazoo Stove Company, of Kalamazoo, Mich., and had the satisfaction of seeing the greatest stock of stoves and ranges his eyes ever rested upon, and witnessing the processes of manufacture. The Kalamazoo Stove Company have built up their vast business by selling a better stove for the money than the purchaser can obtain from any other source. The concern are absolutely reliable and their stoves the best that modern skill can produce. The writer saw in one great pile over \$100,000 worth of base-burners of one kind, ready to be distributed to all parts of the United States. If you want a high-grade stove or range at a low price, address this strong company as above and they will send you their latest catalog, No. 165. See their advertisement on page 13.

IOWA WORM POWDER DID THE WORK.
Mr. J. F. Edmiston, R. F. D. No. 2, Benton, Kans., under date of Feb. 24, 1906, writes the Iowa Stock Food Company, of Jefferson, Iowa, as follows: "Gentlemen:—I have just come in from my hog lot, forty-eight hours after feeding the Iowa Worm Powder. I saw enough to convince me that worm trouble is what is ailing my hogs. Enclosed find post-office order for two more \$1 boxes of worm powder. Send at once and oblige." This firm ship it on guarantee.

THE HUSKER THAT HUSKS.
Messrs. Smith & Davis, of Ames, Iowa, are manufacturers of the corn husker shown in the accompanying illustration. This is something new, but it has been sufficiently tried so that its utility is absolutely known. Its superiority over the ordinary husking

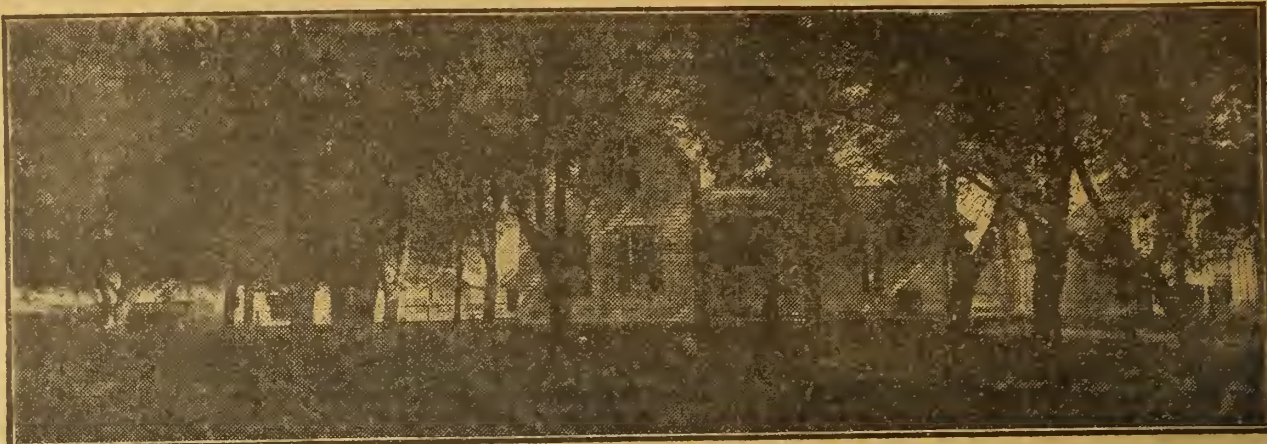


peg is only comparable with the superiority of the grain binder over the grain cradle. It has taken a long time to evolve the perfect husking peg, but it seems as though the "Akin Husker" embodies all the best points. The spring-mounted point is a new, superior feature. It holds firmly in the hand and there is no jar or wrist strain as is the case with the old-fashioned pegs. The advertisement of Messrs. Smith & Davis is found on page 14. We have no hesitation in directing our readers to this firm, and would suggest to all that a supply of these pegs be purchased early. All pegs are guaranteed or money refunded. Address Messrs. Smith & Davis, Ames, Iowa.

HOW WOULD THIS FARM SUIT YOU?

If you look on this page you will find a picture of the buildings on a farm which Messrs. W. H. Slaughter & Co., of Kansas City, Mo., have for sale, and if you make a thorough investigation you will find it is all that the above named firm claim. In fact, Mr. Slaughter will gladly defray the expense of prospective buyers who will come and look at the farm, if it is not in every way as represented. The farm contains 390 acres and only one mile to shipping point, no waste land and many valuable improvements, which are fully told in the advertisement. At the price this farm is offered it cannot remain on the market very long. Mr. Slaughter, who has the sale of the above farm, has been in the banking business in eastern Kansas for a good many years and possibly is better informed in farm land values in eastern Kansas than any other man. About three months ago he removed to Kansas City in order to engage in the real estate business and is making a specialty of A. No. 1 farms, that will prove profitable to the purchaser. Mr. Slaughter prides himself in satisfying his clients. He is positive that the farm he offers for sale in this week's issue will more than please any man who will go and look at it. It will pay you to write Mr. Slaughter at once if you are at all interested. When writing, mention this paper.

LANDS AND HOMES FOR SALE.

The Best Farm Home Bargain We Know Of **PRICE \$40 PER ACRE**

This 390 acres of good land is in Kansas, two hours' ride south of Kansas City. The improvements cost \$6,000. Crops this year were: Corn, 100 acres; oats, forty acres; orchard, six acres; balance of farm English blue grass and clover and timothy, except sixty acres natural bluestem. Windmill with large tank supplies water to yard, barns and pasture.

There is a perfect sod of blue grass and white clover in yard and along fence rows; 160 acres on north side of the road with buildings facing south; 230 acres right across the road with four-wire fence and hedge posts; one mail route, telephone in house; three-fourths mile to school, one mile to station; three miles to one banking town, six to another.

No trades on this, but can give time on half purchase price. Candidly, don't this look better to you than the Pan Handle or Western Kansas? Many come to look at this, but only one will buy. Hadn't you better come to our office at once and let us show you this and a number of other farms at our expense?

Price on this 390 acres, with immediate possession of the buildings if desired, \$15,600.

W. H. SLAUGHTER & CO.,

221 DWIGHT BUILDING,

KANSAS CITY, MISSOURI

THE MARKETS.

Chicago, August 25.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Aug. 18.....	575	297	8,104	117
Mon., Aug. 20.....	29,131	1,840	23,716	20,399
Tues., Aug. 21.....	5,096	2,588	20,369	26,928
Wed., Aug. 22.....	20,867	2,162	26,663	23,550
Thurs., Aug. 23.....	8,103	1,450	22,821	15,011
Fri., Aug. 24.....	2,270	485	16,956	7,480
Sat., Aug. 25.....	300	50	10,000	1,000
Total this week.....	65,767	8,575	120,525	94,371
Previous week.....	57,009	6,001	96,186	87,763
Cor. week 1905.....	62,423	5,202	103,129	85,711
Cor. week 1904.....	64,398	4,064	117,118	113,327

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., Aug. 18.....	494	10	1,637	100
Mon., Aug. 20.....	6,459	10	7,332	3,631
Tues., Aug. 21.....	2,296	158	4,329	8,332
Wed., Aug. 22.....	5,174	24	5,689	3,431
Thurs., Aug. 23.....	5,184	149	3,841	6,613
Fri., Aug. 24.....	4,654	183	3,776	3,724
Sat., Aug. 25.....	400	...	2,000	100
Total this week.....	24,167	524	26,967	25,831
Previous week.....	20,982	222	18,631	31,451
Cor. week 1905.....	25,744	557	33,343	17,714
Cor. week 1904.....	32,131	699	27,497	68,132

OTHER MARKETS.

National Stock Yards, Ill., Aug. 25.—Cattle—Receipts, 800, including 300 Texas; both markets steady. Hogs—Receipts, 2,500; 5c higher; top, \$6.47½; bulk, \$6.35 to \$6.42½. Sheep—Receipts, none.
South St. Paul, Minn., Aug. 25.—Hogs—Receipts, 1,000; best grades are steady; others 10¢ to 15¢ lower; good light mixed, \$5.95; common, \$5.40. Cattle—Receipts, none. Sheep—Receipts, 300; unchanged.
South Omaha, Neb., Aug. 25.—Cattle—Receipts, 200; unchanged. Hogs—Receipts, 8,800; steady to 5¢ higher; top, \$6.05; bulk, \$5.85 to \$5.95. Sheep—Receipts, 600; steady.
St. Joseph, Mo., Aug. 25.—Cattle—Receipts, 300; steady. Hogs—Receipts, 6,500; steady to strong; top, \$6.30; bulk, \$6.00 to \$6.15. Sheep—Receipts, 400; steady.
Kansas City, Mo., Aug. 25.—Cattle—Receipts, 2,500; mostly Texans; market dull. Hogs—Receipts, 2,000; strong to 5¢ higher; top, \$6.35; bulk, \$6.15 to \$6.30. No sheep.
Sioux City, Iowa, Aug. 25.—Hogs—Receipts, 4,600; 5¢ higher; range, \$5.65 to \$6.00; bulk, \$5.70 to \$5.85. Cattle—Receipts, 100; steady.

CHICAGO MARKET LETTER.

Under date of August 24th, Messrs. Clay, Robinson & Co. quote the Chicago live stock market as follows:
This week opened with a run of 29,131 on Monday, of which number about 6,000 were westerns. Top reached was \$6.65. The market ruled about steady on the best grades of cattle and about a dime lower on all others, compared with prices on the previous Wednesday. Tuesday's run was 5,096; market ruled weak. Receipts Wednesday, 20,867. A few lots of the prime cattle were steady, with the bulk of the offerings above \$5.50 fully 10¢ lower. Top reached was \$6.50. We sold for Mr. I. N. Atkinson, of Fowler, Ind., thirty-five head of dehorned natives lacking in finish, averaging 1,464 pounds, at \$6.40, and for Mr. Wurzbacher, of Morley, Iowa, one grade Angus yearling heifer, shortage, weighing 640 pounds, at \$6.25, the highest price of the season for a heifer of this weight. Thursday's receipts totaled 7,000. The market ruled slow to a dime lower. With 2,500 cattle on hand today the market ruled steady with yesterday's prices. Although receipts of cattle have been lighter this week the run of butcher stock has been larger in proportion than the previous week. The offering ran largely to common and medium stuff. There has been a shortage of good, heavy cows and heifers and also of good yearlings and these are selling at steady to

WILD LANDS. \$8 to \$18 per acre. Improved Farms, \$20 per acre and up. Fine soil, good climate, good market, plenty of timber. Land all lies from two to six miles from the city of Cumberland. 75 miles from St. Paul. Agents wanted. For particulars address, Farmers Land Agency, Cumberland, Wis.

FARMS—Before buying or selling a farm read "THE FARM ADVERTISER," a hand-book for owners and buyers of real estate. Sample copy, 10 cents. Write Publishers, 106 South Main Street, Dayton, Ohio.

FOR SALE: 180 acres in Harrison Co., Mo. Well improved, hands to town and school. One of the best all purpose farms in Co. T. T. Spicer, Ridgeway, Mo.

FOR choice bargains in farmlands in central Neb. the great alfalfa and corn country, address, P. H. Marlay, Mason City, Nebraska.

strong prices compared with a week ago. Good cutting cows, such as are selling at \$2.50 to \$2.75 are about steady, while common canners are 10¢ to 20¢ lower and very dull sale. Cows selling at \$3.25 to \$3.65 show very little change in prices, but they are very poor in demand. Thin cows, that are a little rough, are almost unsalable as feeders and such cows as had been selling around 2¢ per pound to go to the country are being bought by the packers as canners at \$1.50 to \$1.75 per cwt. There is practically no change in the price of bulls as compared with a week ago. The good kinds are in good demand, but common grades are dull sale. Best veals are steady, tops bringing \$7.50, but other kinds are slow sale and 25¢ to 50¢ lower for the week. Thursday with about 6,000 cattle on sale, there were no eastern orders and the packers had very few. All grades of butcher stuff were very slow sales. Receipts of stockers and feeders this week proved about like last week's offerings—a continued shortage of choice and fancy selected steers of all weights, especially for those weighing 1,000 to 1,150 pounds for a short feed. Values ruled about steady the first three days of this week with last, but the fair to good, as well as cheaper grades, are closing 10¢ to 20¢ per cwt. lower, with prospects of a reasonably good clearance being made at the decline. Stock heifers are selling at the same prices as one week ago.

Receipts of hogs for the first three days of this week were moderate and prices made nice advance. Thursday's supply, however, was too heavy for the demand and values declined 10¢ to 15¢ per cwt. on good hogs and 15¢ to 20¢ on packing grades. Present prices are about 10¢ higher than a week ago today on choice hogs, but packers are lower and slow sale. With 15,000 estimated receipts of hogs today, the market ruled generally steady with yesterday's closing prices. Top was \$6.50, bulk of the good hogs selling at \$6.25 to \$6.35, with commoner grades at \$6 to \$6.20 and packers at \$5.50 to \$5.90. We sold a load of 299-pound hogs at \$6.40, this being the extreme top of today's market on hogs of this weight.

Receipts of sheep were rather limited this week and that class has shown some little improvement, while lambs were rather plentiful and show some decline. Early in the week some strictly prime California lambs, also some good Idaho lambs, reached \$3, but at the close of the week they bought strictly good lambs at \$7.60 to \$7.65. At the present time wethers are selling at \$5.25 to \$5.50, fair to good western wethers at \$5.10 to \$5.25. Choice feeding wethers at \$4.75 to \$4.85, fair to good feeding wethers at \$4.80 to \$4.90, choice two and three-year-old breeding ewes at \$5.40 to \$5.60, choice western ewes at \$5.10 to \$5.15, fair to good western ewes at \$4.25 to \$4.60, feeding ewes at \$3.90 to \$4.25, choice western yearlings \$5.10 to \$5.35, fair to good western yearlings \$5.75 to \$5.90, choice feeding yearlings at \$5.50 to \$5.50, choice feeding lambs at \$7.90 to \$8, fair to good western lambs at \$7.25 to \$7.65, choice feeding lambs \$6.75 to \$6.85, fair to good feeding lambs \$6.50 to \$6.65.

Farm Lands for Sale.



CHEAPEST and best lands on the market. These lands are in Yellow Medicine county, Minnesota, and Peniel county, South Dakota, in fourth tier of counties north of Iowa. You can raise anything in these parts you can raise in Iowa. A good grain and stock country, good water, soil and land is like Iowa. We have some fine improved farms for \$10.00, some good stock farms with good improvements on, \$20.00. Prices range from \$20 to \$40, according to land and nearness to town. Any good farmer can make as much money farming 160 acres here as he can in Iowa. Anyone wanting farm lands, don't fail to investigate these lands. Buy a ticket over C. & N. W. to Gary, S. Dak. Take receipt for ticket. On any purchase we will refund fare.

Geo. W. Johnson Land Co.,
State Bank, Gary, South Dakota.

160 ACRE FARM.

ANDERSON COUNTY, KANSAS, very fine and improved, 60 miles S. E. of Kansas City, a great bargain at \$37.50 per acre. Act quick. A 160 acre farm in Red River Valley, Minnesota, all very fine and of the best. Write us for our list of farms—that's our specialty.

Western Farm Land & Realty Co., 908 N. Y. L. Bldg.,
Kansas City, Mo.

KING AND QUEEN COUNTRY.

CORN is King and Wheat is Queen in northeast Kansas. Bluegrass sits in the shade of fine tall timber and judges herds of fine stock and with Alfalfa, Clover and Timothy execute the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want to S. M. Strawn, Valley Falls, Jefferson Co., Kan.

IRRIGATED FARMS, the best and the cheapest in the world for stock, hay, grain, fruit and vegetables, in a splendid climate. Fifty per cent profit assured in one year on land investments, before the railroad boom. Inquire of
Lemhi Land Co., Salmon, Idaho

IOWA FARMS!

SEND for large, new catalog of Iowa farms, and exchange list. In corn, timothy, clover and blue grass belt, southwestern Iowa. Address,
Burkholder Land Co., Creston, Iowa.

Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free.
BAZIL J. DEWIK,
Chillicothe, Missouri.

FOR SALE or trade, SW ¼ Sec. 12 and NE ¼ Sec. 14, township 150, range 46, six miles north-east Crookston, D. C. Wilson, Bloomfield, Nebraska, Rural Free Del. No. 4.

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

BUCKTELL, THE LAND MAN
OF Macksville, Stafford Co., Kan., sells wheat land to the west line of the state. Write him. State map free.

FARM for sale, adjoining Bloomfield, Iowa. Nice 14-acre improved. Terms to suit buyer.
L. H. Bates, R. F. D. 3, Bloomfield, Iowa.

FOR SALE, my 240-acre finely improved Osceola county, Iowa, farm at \$65 per acre.
W. D. Creglow, Remsen, Iowa.

When writing please mention this paper.

....LANDS AND HOMES FOR SALE....

EASTERN NORTH DAKOTA

We have just purchased of an eastern estate 6,000 acres fine level land in northwestern Kidder county, immediately adjoining Stutsman county line.

Location—From 10 to 15 miles north of Tappen on the N. P. R. R. A branch of the "Soo" R. R. has been surveyed across these lands.

General Description—The lands lay generally level with just a slight roll. Every foot tillable. Free from stone. Soil black, sandy loam. Fine water can be reached anywhere from 10 to 20 feet.

Easy Terms—Terms are \$3 per acre down, balance 5 to 7 equal annual instalments.

One crop of flax will pay for this land.

Why go 200 miles further west and 30 to 40 miles from the railroad and pay more per acre than we ask?

Come and see the crops near these lands.

Oats yielding 50 to 70 bushels per acre.

Barley yielding 30 to 40 bushels per acre.

Wheat yielding 20 to 30 bushels per acre.

Flax yielding 10 to 20 bushels per acre.

Write for our list giving the full descriptions and prices on this tract and our improved farms and ranch lands, also for large map of the state of North Dakota. We will send them to you free.

WHEELOCK & WHEELOCK, 25 WALDORF BLK., FARGO, N. DAK.

IOWA FARMS

120 ACRES 4 miles from town of 8,000 population; fine, level, black prairie land; well improved; a good home farm. Will sell on favorable terms.

160 ACRES 6 miles from Independence; 2 miles from creamery, store and blacksmith shop; near school and church; rich land; good improvements; good orchard and small fruit; fine home.

200 ACRES 5 miles from Independence; 3 miles from a good market town; good black land; well improved.

Write for prices and terms and send for our new list with pictures.

NORTHERN IOWA LAND CO.,
Independence, Iowa.

William Lampmann,
Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send to me, free of charge, full information about

IDAHO IRRIGATED LAND.

Yours truly,

(Name).....
(Town)..... (State).....
(R. F. D.)..... (Box).....

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
415 KANSAS AVENUE. TOPEKA, KAN.

BUY A FARM NOW.

ALL good FARM LAND must advance with our increase in population. We sell good land in KANSAS and TEXAS at \$6 to \$10 per acre. Good climate; good water. One crop pays for the land. JOIN OUR NEXT EXCURSION.

T. CARRABINE & CO.,
Opposite P.O., 301 Century Bldg., Kansas City, Mo.

GOOD LANDS

IN Great Platte Valley, Lincoln county, Nebraska. Nice smooth table land of best quality within 5 miles of R. R. town, unimproved, for \$7.50 per acre. Improved farms same locality, \$10 to \$15 per acre. Improved stock ranches, \$6 to \$17.50 per acre. Wild grazing lands from \$2.25 to \$5 per acre. Address Buchanan & Patterson, Land and Im. Ags. U.P.R.R. North Platte, Nebraska.

IOWA FARMS

FOR SALE BY THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, HAMILTON BROS., WINTERSSET, IOWA.

\$4,000 FARM FOR \$2,800.
160 ACRES, Douglas county, Mo., three miles from Ava; 100 acres, one-half bottom, cultivated, 120 acres fenced, 60 acres good oak timber. Fair farm buildings, fine spring water, good fences, 600 bearing apple trees; this crop sold for \$400 in the orchard. Owner in California and says, sell. Write for full description, pictures, etc.
L. O. HALEY, AVA, MO.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 500 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS,
KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.



WE BUILD YOU A HOUSE FREE OF CHARGE

and sell you fertile land at a low price and on easy terms, within 25 miles of St. Paul and Minneapolis. This is the greatest proposition ever made to readers of this paper. You have your choice of 40 acres or more out of two million acres of the splendid lands of Northwestern Wisconsin. The price is only \$7. to \$12. an acre, and to give you a good start we will build your house on the land. The finest climate in the world, pure soft water, ample rainfall, fuel for years on your own land, near to the finest markets. This with a FREE HOUSE and land that will grow the FINEST KIND OF CROPS. What more can you ask! Write TO-DAY for MAPS and FULL INFORMATION.

AMERICAN COLONIZATION CO.,
603 Opera House Block Cumberland, Wisconsin

CANADA WHEAT LANDS.

PARADISE Valley, Northern Alberta, the finest farming country in the world; wheat runs 50 bus., oats 100 bus. to the acre; cattle shipped last month averaged 1,600 lbs., fattened on grass; beautiful park country with clumps of trees, mostly open prairie, gently rolling; lakes of good water, ample rainfall; deep black loam topsoil, clay subsoil; a few good agents wanted; \$8 to \$12 per acre, easy payments. Write for maps and route to W. T. Stevens, Mgr. Paradise Valley Land Co., 220 Endicott Bldg., St. Paul, Minn.

IOWA LAND At \$100 an acre will produce no more than the same grade of land in the Texas Panhandle. I have two sections of rich, level prairie land near city of 13,000 people, either of which I will sell for \$12 per acre, 1/2 cash, balance easy terms. If this land doesn't double in value within 2 years and meantime make you twice as much as Iowa land for every dollar invested I will pay your railroad fare both ways. The Rock Island will sell you round trip ticket for about \$25. Address, E. C. WILLIAMS, CASHIER DALHART NATIONAL BANK, DALHART, TEXAS.

OUR CANADA LAND

will make you more money than anything else you can do. For maps and particulars write SCAND. CANADIAN LAND CO. Room 810-20, 172 WASHINGTON ST. CHICAGO

Eastern Kansas

I HAVE for sale at owners' prices over 300 choice improved farms of all sizes in Lyon and Coffey counties, located in the heart of the best part of

NEOSHO RIVER VALLEY

All smooth, level land, no hills, stone, sand or hardpan; best black soil with clay subsoil. No hot winds; plenty of timber, fine water, tame grasses and fruit of all kinds. Long farming season and short, mild winters. Splendid school and social advantages. A live, up-to-date business town of 1,000 population with two long distance and local telephone systems, 5 rural mail routes; 3 large, new grain elevators; best shipping facilities; 100 miles to Kansas City market. Prices cheaper and selection better than near county seats. Write for new illustrated descriptive circular. Mention The Homestead when writing.

ED. F. MILNER, Hartford, Kansas

DON'T GO WRONG

YOU'LL never regret it, if you buy a MADISON COUNTY, IOWA, Farm of me. We have them for sale, all sizes, the best of land, and LOW PRICES. Write today, for large descriptive list free. SEE this country, and its crops, before you decide—then you'll buy here. Write to

E. E. McCALL, WINTERSSET, IOWA.

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

TEXAS Pan-Handle Lands

60,000 ACRES choice alfalfa lands. Close to railroad. Easy terms. Good soil. Good water. For further information, write

The Butler Land Co., Butler Mo.
ROUTT COUNTY, IRRIGATED COLORADO, RANCHES. B. L. Dart, Yampa, Col.

We Will Take In
Registered Stock
As part payment for some of our first class improved

North Dakota LAND

The best in America. Send for our illustrated land book. Write us what kind of stock you have and how you wish to deal.

J. B. STREETER, JR., COMPANY,
BANKERS, North Dakota
Larimore, Capital and Surplus, Responsible Agents
\$250,000. wanted everywhere.

Iowa Farm

485 ACRES, 5 miles from county seat, town of 3,000 people, 300 acres under plow, balance pasture with 60 acres good timber, two sets of buildings, good 10-room house, barn, etc., good rich fertile land. A big bargain; price \$45 per acre, easy terms. Address owner,

SHRIVER REALTY CO.,
302 Century Bldg., Des Moines, Iowa.

FREE.

A Vest-Pocket Indexed Township Map of the STATE of WISCONSIN, and also information about the Selected Hardwood Timber Lands, Drained Marsh Lands, and other varieties of land owned by me. Write me if you wish to find a new home in a good farming community. We have good climate, good water, good schools, good roads and good crops. Prices and terms reasonable. Address,

WM. J. STARR 23 Ingram Bk., Eau Claire Wis.

I CAN SELL YOUR REAL ESTATE

PROPERTIES and business of all kinds sold for cash in less than 90 days in all parts of the United States. Don't wait; write today, describing what you have to sell, and give cash price on same. If you want to buy I can save you money.
A. EDGAR DAVIS, Real Estate Broker, Home Dept., Lincoln, Neb.

IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1906 descriptive list. Address, J. G. SHRIVER, Winterset, Iowa.

MISSOURI

BARGAINS in Bates county farms; in the corn and blue grass belt. Write for list.
BUTLER LAND CO., BUTLER, MO.

Central Missouri Farms

IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address, W. Ed. Jameson, Fulton, Mo.

FARMS In western Kansas at owners' prices.
Dodge City Realty Co., Dodge City, Kan.

Echoes From a Kansas Farm

By Henry Hatch

With some folks as soon as the worry over the crops ends the worry over prices begins. Why worry?

Does it pay to keep cattle on the average-sized farm, where land is worth \$75 to \$85 an acre, for just the price of a calf each year?

It will not be many years ere range cattle will be a part of memory. Then will we be solving the problem of raising beef on land still higher in price, and somewhat after the plan of the "soiling system."

A very small per cent of the brood mares of the country will go over another season without raising a colt. If there is anything in all the available stock doing duty, there will not be a scarcity of horses some day.

For the last four seasons we have not had an extra quality of prairie hay to feed. Each season the weather has kept us from getting the grass cut in time, and it is preventing us this year. When prairie grass stands up in the swath, it is too ripe for the best of hay.

We don't know what others think about it, but we believe all the farmers should black list every insurance company that refuses to meet its loss in full in the late San Francisco disaster. What's the use of having insurance if the companies will not pay as they should?

It seems that all classes of men are taking hold of the organization idea except the farmers. Of course we have what are called "farmers' unions," "societies of equity," etc., but what we mean is the organization that really takes in the whole class, and that really amounts to anything. Will the day come when we will have to organize? It will, unless the other combinations can be controlled.

We are now paying more for our machinery than we did a few years ago. Self binders cost us from \$15 to \$25 more than they once did, and much other machinery in proportion. The grain-buyers and stock-shippers take a wider margin than they used to. It is true that the farmer is prosperous, but how many that you know do not have to spend what they get for needed improvements about as soon as they get it?

It is all right to meet the home dealer half way, but no more. We do that, but it is all we will do. We think it the home dealer's duty to buy of the home producer first. When a farmer has fruit or vegetables to sell, and the home dealer needs them, it shows a poor reciprocal feeling to send to a produce firm in a city for the produce, while the farmer's roots or is fed to the stock. Should such a merchant expect the farmer to trade with him, after such treatment?

Hands to work by the month on farms were never scarcer than now, nor the wages higher. It seems that the young man of today wants to be entirely foot-loose. He does not want to be bound to stay in one place as long as a month. We have known many a young fellow to leave the best of places to work, all because they wanted to "take a little bum." They will go off one or two hundred miles on the excuse of getting high wages, but we notice they bring little back with them.

Our groceryman told us yesterday that he never before paid so much to the packers for his cured and smoked meats as he is paying now. He has to pay more for bacon than when hogs were over \$1 per hundred weight higher than now, yet the packers claim they are making a very small margin. Will the time ever come when the producer can say what he will take for his produce, instead of the middlemen telling us what they will give, then, when they sell, tell the buyer what he must pay? This country supports too many middlemen now and more creep in every year.

Ground we first plowed for the fall seeding of blue grass is already green with the quick growing coat of crab-grass. It will take one and perhaps two diskings to get the better of the

grass before drilling in the seed. Early plowed wheat land is the same. This August has seemed like a chapter from some sea tale, where a storm of "incredible fury" breaks over the scene every other night. Instead of talking dust mulch and "moisture conservation," we again find ourselves ditching to get rid of the surplus water.

It does a person good to take a trip of a few miles this season of the year, even if it cannot be lengthened into a few hundred. A ride in a chair car can be greatly enjoyed. We like to see the different farms as they glide by. The scene has not a sameness to us, as many complain. The person who cannot learn a few things in a trip away from home, even of a few miles, is a natural born dumb-head. The crops with us are so large this year, however, that there will be little time for trip-taking until well along in cold weather, at least.

The Brodsky Dispersion Sale.

A representative crowd of breeders from Iowa and Nebraska attended the L. Brodsky closing out sale at Plover, Iowa, last week, and the cattle, numbering eighty-four head, were all disposed of at good prices. The cattle were in nice condition and the sale began promptly at 10:30 in the morning. The top price on females was \$410 for Ada Marr 8th and cow calf, and she went to Mr. C. R. Steele, of Ireton, Iowa. Mr. Steele also purchased 7th Mysie of Pleasant View at \$385, besides a large number of the best things in the sale. Mr. N. A. Lind, of Rolfe, Iowa, was also a heavy purchaser and secured some of the plums of the sale, as did Mr. F. A. Schaefer, of Raleigh, Iowa. The top price for bulls was \$260 for Baron Marr 4th, and he was purchased by Mr. W. L. McVey, of Rolfe, Iowa. No guarantee was placed on the cattle, as it was a dispersion sale, and this of course kept some from going the limit. It was a good sale, however, and everything was sold at very satisfactory prices. The horses and mares were also disposed of, but their ages prevented any high prices being paid. The average on seventy females was \$136.78, and the average on the entire eighty-four head was \$136.25. Cols. Geo. P. Bellows, Carey M. Jones and Al P. Mason cried the sale. Below is a report of those bringing \$100 and above:

COWS.

7th Mysie of Pleasant View, seven years, C. R. Steele, Ireton, Iowa,	\$385
Pleasant View Mysie 10th, four years, same	305
Mysie of Ploverdale 7th, two years, H. L. Ryan, Laurel, Iowa,	175
Mysie Queen, five years, Walpole Bros., Rock Valley, Iowa,	170
Beaver Creek Mysie 5th, three years, F. M. Zimmer, Woodstock, Iowa,	330
Ploverdale Mysie 8th, one year, same,	200
White Mysie, seven years, N. A. Lind, Rolfe, Iowa,	105
Mysie of Ploverdale 6th, one year, C. R. Steele,	160
Mysie of Ploverdale 5th, two years, A. H. Brett, Mason City, Iowa,	135
Lily Cruickshank, eight years, W. H. Webb, Spencer, Iowa,	200
Lily Cruickshank 2d, one year, McKeever Bros., Farley, Iowa,	135
Dora Marr 6th, three years, C. R. Steele, Aberdeen Butterly 15th, one year, M. P. Hancher, Rolfe, Iowa,	150
Ada Marr 11th, four years, C. R. Steele,	225
Ada Marr 3d, ten years, Jno. Hentges, Sheldon, Iowa,	110
Ada Marr 9th, four years, N. A. Lind,	285
Ada Marr 12th, two years, C. R. Steele,	165
Ada Marr 5th, eight years, J. A. Richardson, Wall Lake, Iowa,	160
Ada Marr 8th, five years, C. R. Steele,	410
Ada Marr 14th, one year, A. W. Erol, Pocahontas, Iowa,	200
Ada Marr 13th, two years, same,	130
Scottish Lady, five years, Al Mason, Union, Iowa,	335
Scottish Lady 2d, one year, J. W. Erol, Pocahontas, Iowa,	120
Lady Baron, three years, Geo. Kroutie, Clutier, Iowa,	105
Lady Baron 2d, two years, C. R. Steele,	130
Lady English 10th, four years, Jas. Perley, Mt. Carroll, Ill.,	150
Serepta Lady, eight years, A. H. Brett,	100
Bonnie Bell C., four years, N. A. Lind,	300
Bonnie Bell D., ten years, same,	125
Miss Buckingham, seven years, A. H. Brett,	175
Miss Buckingham 2d, one year, C. R. Steele,	265
Baron Miss, three years, same,	130
Lavender 3d of Ardmore, three years, F. A. Schaefer, Raleigh, Iowa,	140
Huron Maid, ten years, Mower & Son, Wall Lake, Iowa,	125
39th Duchess of Walnut Hill, seven years, A. H. Brett,	100
Duchess of Ploverdale 2d, one year, H. L. Ryan,	100
51st Duchess of Walnut Hill, four years, P. D. Fuller, Sutherland, Iowa,	145
Caroline of Ploverdale 2d, Kennard, Neb.,	125
Maggie Taylor 6th, four years, A. H. Brett,	100
Fancy 8th, two years, F. A. Schaefer,	170
Fancy 12th, two years, C. R. Steele,	130
Minnie Forest 11th, ten years, N. A. Lind,	100
Cherry Queen 10th, six years, John Hentges,	195
Cherry Queen, two years, F. A. Schaefer,	120
Cherry Queen 15th, four years, Clarence Hayes, Whittemore, Iowa,	100

BULLS.

McDiarmid 168765, five years, G. M. Pritchard, Rutland, Iowa,	170
Double Mysie 3d 263709, one year, J. A. Richardson, Wall Lake, Iowa,	205
Double Mysie 263708, one year, Hildebrand & Monahan, Winterset, Iowa,	100
Double Mysie 2d, one year, R. Brooks, Bradgate, Iowa,	110
Ada's Chief, one year, C. Mower & Son, Wall Lake, Iowa,	135
Baron Marr 4th 263705, one year, W. L. McVey, Rolfe, Iowa,	260

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Baron Marr 3d 263706, one year, F. W. Weese, Wall Lake, Iowa,	140
Douglas 238215, two years, N. A. Lind,	155
Lord Champion 263716, one year, P. D. Fuller,	180
Lad for You 363713, one year, Jno. Kapp, Gaza, Iowa,	100

HORSES.

Martin 17067 (35482), fourteen years, N. A. Lind,	240
Stallion colt, A. H. Brett,	100
Lucile 15143, seven years, N. A. Lind,	180
Princess X, one year, A. B. Carter, West Bend, Iowa,	230
Viola II. 9453, thirteen years, Jno. E. Smith,	265
Lucretia III. 10285, nine years, A. H. Brett,	255

LOS ANGELES AND SAN FRANCISCO.

From September 3d to 14th the Chicago Great Western Railway will sell round trip tickets to San Francisco and Los Angeles at rate of one fare for the round trip. Tickets have limit of October 31st to return and allow stop-overs west of the Missouri River in both directions. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y. until December, 1906, to authorized home-seeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

CHEAP RATES TO PACIFIC COAST.

Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for

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Baby Beef Production With Western Feeds.

BY O. H. ELLING, HAYS, KAN.

Realizing the importance of retaining the fertility of the soil and desiring to be more able to answer requests for information as to the feeding value of various grains, the Fort Hays Branch Experiment Station fed sixty head of calves with feeds that can be grown with a marked degree of certainty in the West. The calves were grade Herefords and Short-horns, steers and heifers. They had been weaned and vaccinated for blackleg just previous to putting in the feed lots. The sixty head, averaging 400 pounds each, were uniformly divided into four lots consisting of ten heifers and five steers to the lot, and each bunch fed a different ration. The steers were raised at the station and the heifers were purchased in the vicinity of Hays.

After taking the average of three successive weighings, the calves were carefully apportioned into lots and each lot of calves was fed roughage for two weeks, after which they were again weighed. These weights of the various lots being sufficiently close, no changes were made and the first grain was fed Dec. 7, 1905, 157 days previous to the close of the experiment.

The four lots of calves were numbered and rations given them as follows:

Lot IV. Fed corn and cob meal and alfalfa hay.
Lot V. Fed ground barley and alfalfa hay.
Lot VI. Fed ground emmer and alfalfa hay.
Lot VII. Fed ground kafir corn and alfalfa hay.

In all the feeding, the alfalfa was placed whole in the bottom of the feed troughs and the ground grain poured over it. The cattle were fed twice daily, morning and evening, the grain and hay being weighed out to each lot at every feed. They were started on feed with all the roughage they would clean up, which was an average of nine pounds per head daily, and with a grain ration of two and one-half pounds per head daily. The quantity of grain was gradually increased and the roughage cut down when necessary. The calves took readily to the feed and at no time during the experiment did any of the lots seem to tire of their ration.

The accompanying table gives the total amount of feed eaten, the pounds of grain and hay required to make 100 pounds of gain, the average beginning and closing weights, and daily average gain per head for the entire period, including the preliminary feeding, or 168 days. There were fifteen calves in each lot:

added to either the barley or emmer rations. And it is not unlikely that, had prairie hay been added to both of these rations during the last seventy days of the experiment, the results would have been still more favorable. The emmer-fed calves, up to within seventy days of the close of the test, showed better gains than either of the other lots.

TABLE II.—The Financial Result.

Lot No.	Calves cost.	Feed cost	Cost of 100 lbs. gain.	Sold for.	Net proceeds.	Profit or loss per head.	Margin between buying and selling price of calves.
IV.....	\$224 92	\$177 14	\$3 89	\$4 75	\$149 11	\$3 13 gain	\$1 00
V.....	222 04	179 95	4 29	4 60	417 25	1 02 gain	85
VI.....	225 56	185 12	4 65	4 35	383 07	1 84 loss	60
VII.....	227 28	202 83	5 01	4 50	410 59	1 80 loss	75

NOTE:—In computing cost of feed, local prices for the various feeds were used, i. e., ear corn 39c per bushel, corn-meal 42c per bushel, corn-and-cob-meal 42½c per bushel, barley 36c per bushel, emmer 36c per bushel, kafir-corn 46c per bushel, and alfalfa at \$5 per ton.

The calves were valued at \$3.75 per hundred weight at the beginning of the experiment, which gives a margin of \$1 for those of Lot IV., eighty-five cents for Lot V., sixty cents for Lot VI., and seventy-five cents for Lot VII., between the selling price of the respective lots at the Kansas City Stock Yards, where each lot was sold on its merits, when the experiment closed, and the purchasing price. The cost of 100 pounds of gain ranges from \$3.89 with the corn-and-cob-meal ration, the least expensive, to \$5.01 with kafir corn as ration, and most costly; the cost of 100 pounds gain with barley and emmer rations being \$4.29 and \$4.65, respectively.

In the slaughter test Lot IV. dressed 56.5 per cent, Lot V. 56.4 per cent, Lot VI. 54.7 per cent and Lot VII. 57.3 per cent.

The price per pound for which the calves of the several lots sold indicates very nearly the condition or ripeness of the cattle at the time of shipment. The percentage of dressed weight, with the possible exception of Lot VII., which dressed out nearly one per cent higher than any of the other lots, compares favorably with the selling prices. The emmer-fed calves did not stand shipping as well as the rest and the shrinkage on the entire sixty head was 4.67 per cent.

Healthy Farm Stock.

To the Editor of The Homestead:
During the many years that I have

Colic is perhaps the most common cause of illness among horses. If not severe, no remedy at all is required, but as the farmer feels more like he is doing his duty when administering something, I might say that whatever he would take for his own relief, will be efficacious for the horse. Something hot and stimulating describes what is needed and I have seen whisky, coffee, ginger and various liniments for internal use all prove effective. Some farmers attribute almost every form of sickness to the "bots," although veterinarians reject such a cause altogether, and pour all sorts of decoctions down the wretched animals, which,

nine times out of ten, have only the colic. I have been a zealot for clover hay and have never seen any bad results from its feeding except when it was damaged by imperfect curing. I have found a strong belief that clover hay was not a proper feed during hard, heavy work, such as breaking wheat ground. I have found also a strong prejudice against feeding fresh green cut fodder at that time and also against turning the horses on pasture at night. But as these things seemed to me to be the most natural and proper diet for the horse I have utilized them for many years without any ill effects. It is true, perhaps, that green fodder and grass will make horses a little loose and "gaunt up" a trifle, but I have always felt it was their natural condition and that their systems were thoroughly cool, clean and healthy and not clogged by impure and heated blood, often betrayed by the rubbing of mane and tail and by the appearance of hard pimples.

In some districts where corn is the great staple, I have seen the teams tied to troughs into which the corn would be shoveled by the bushel. These horses lived almost exclusively on corn, and although the owners admitted it was not the best, they excused it on the score of haste and less trouble; their profits on the crops were large and they figured that they could afford to "burn out" their teams with corn in a short while and buy others. But surely no properly trained farmer could bring himself to follow this wasteful and cruel method.

"Judge the wants and feelings of your stock by yourself," is a very safe motto and will rarely lead anyone astray. The plowman should think of this when he seeks his water-jug every hour or less on a hot day. I think it reasonable and the part of humanity to water teams on very hot days in the middle of the morning and of the afternoon. If they drink heartily, it is good evidence that they want water and should have it. Again, when resting, give the horses as well as yourself the benefit of the shade. Drive them out to one side if necessary. Protect them against the tormenting flies with nets or home-made covers. Watch their shoulders carefully. Keep a rag in a bucket of salty water at the trough and while they are drinking, wash their shoulders. It takes only a minute of time and refreshes the horse, while it cleanses and toughens the skin. At night, do not keep them in the hot stables, but turn them out into the pasture where they can cool off, have a good roll, and graze during the night. In the morning they should always be watered before they are fed. They should also be well curried—not a mere rubbing off of dirt—that is only incidental—but curried because it is healthful and stimulating to them. Currying should not be hurried through with, but done leisurely and thoroughly, going over the entire horse, body, head and legs. If properly done, the horse will greatly enjoy this dressing, as he will plainly show, but do not make him flinch under a sharp comb. Use a stiff brush mostly and a comb only to dislodge dried mud, or on his fleshy parts and not hard enough to annoy him. A kindly, humane and observant eye is the essential quality in a good horse-master.

L. R. Johnson.
Cape Girardeau, Mo.

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313 W. Fifth St.,
DES MOINES, IOWA.

TABLE I.

Lot No.	Ration	Feed.		For 100 pounds Gain.		Av. per head beginning lbs.	Weights and Gains.	
		Grain lbs.	Hay lbs.	Grain lbs.	Hay lbs.		Av. per head close, lbs.	Gained av. per day, lbs.
IV.	Corn-and-cob-meal and alfalfa.....	22,118	17,624	484	383½	400	704	1.81
V.	Barley and alfalfa.....	17,512	18,349	416	435	395	675	1.66
VI.	Emmer and alfalfa.....	17,174	19,465	430	487	401	667	1.58
VII.	Kafir-corn and alfalfa.....	18,674	20,610	457	505	404	675	1.61

It will be observed from the table that Lot VII. ate more pounds of both grain and hay than any of the other lots, excepting the grain eaten by Lot IV., which received corn-and-cob-meal that weighed seventy pounds per bushel instead of fifty-six as kafir corn. In the column headed "Grain and Hay for 100 pounds Gain" emmer compares favorably with barley, although a trifle more alfalfa was required to produce 100 pounds gain with emmer than the same gain with the barley ration. It required fifty-four pounds more of the corn-and-cob-meal to produce 100 pounds of gain than of the ground emmer, but with the latter 103½ pounds more of the roughage was fed than was fed with the corn-and-cob-meal ration. With the kafir corn ration more pounds of both grain and hay were required to produce 100 pounds gain than with either barley or the emmer rations. It should be stated, however, that both emmer and barley are quite laxative feeds, and when fed with alfalfa hay the tendency is to produce looseness when a heavy ration is fed. Because of the experimental feature of the feeding, nothing to counteract this laxativeness of the rations, such as prairie hay or kafir corn would have been, was

kept stock of all kinds, I have suffered very little loss through disease, and I attribute this not only to some knowledge of the nature of farm foods, but also to a disposition to judge the requirements of the dumb brutes by the requirements of man himself. On rare occasions a mule or horse has had a slight attack of colic, but I never was able to trace this to anything fed, but sometimes to indiscretions on the part of the animal itself. I have always proceeded on the theory that green food was the natural sustenance of the horse and that at all times there should be a caution in the use of corn or of feeds strong in carbohydrates or heating qualities. Consequently I have never fed corn in the unstinted way employed by many farmers, while I have always been careful to see that a part of the food was either green or strong in nitrogenous on bone and muscle forming elements. Thus, during the winter, I always feed some bran or oil meal at least once a day as a laxative or digester, although good clover hay, cow peas, oats and corn fodder are all good adjuncts. A straight ration of corn and timothy as fed by many farmers I do not like, as tending to unually heat the blood and clog the system through excess of carbohydrates.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Sept. 20, A. W. H. Orr, Lorimer, Iowa.
 Sept. 20, A. F. Russell, Savaunah, Mo.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Skeen, South Auburn, Neb.
 Sept. 25, Peck & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 26, W. A. Craver & Son, Fillmore, Ind.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, John Weighton, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Osborn, Weston, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, E. Z. Russell, Blair, Neb.
 Oct. 9, August Voge, Portsmouth, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, W. S. West, Hannan City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonnenfeld, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelby, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Suttout, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Aldritt, Friend, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Marrs, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. C. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning & Hess, Ripley, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 1, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, S. G. Collicott, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, W. C. Wicks, Manilla, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Cathage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claud Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, Harry Riggan and C. T. Rogers, at Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Charleston, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 28, Albert McMahon, Craig, Neb.
 O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Sept. 7, Combination sale, D. J. Cronin, Mgr., O'Neill, Neb.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mausfield & Sons, T. Serck and J. O. Kane, at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Soion, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, A. M. Jancs, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 23, T. A. Davenport, Belmont, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, O. M. Healy, Bedford, Iowa, at South Omaha, Neb.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, T. A. Baldwin, Emmetsburg, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 HEREFORDS.
 Sept. 5, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 HEREFORDS AND SHORT-HORNS.
 Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 POLAND CHINAS.
 Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, J. O. James, Bradyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 19, G. M. Huil, Burchard, Neb.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.
 Sept. 14, Combination Sale, J. F. Schoby, secretary, Aigona, Iowa.
 SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
 ABERDEEN ANGUS.
 Sept. 4, Minnesota State Board of Agriculture, Hamline, Minn., W. C. McGavock, Mgr.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 May 23, C. J. Martin, Churdan, Iowa.
 POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northeast Breeding Company, Emmetsburg, Iowa.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 SHORT-HORN CATTLE AND TROTTER-BRED HORSES.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
 GALLOWAYS.
 Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reese, Prescott, Iowa.
 POLLED DURHAMS.
 Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.
 SHROPSHIRE SHEEP.
 Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
 STANDARD BRED AND DRAFT HORSES.
 Sept. 26, McNeil Bros., Bowen, Ill.
 DUROCS AND SHORT-HORNS.
 Oct. 27, A. P. Alsin, Boone, Iowa.
 SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
 PERCHERONS.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 FIELD NOTES.
 Mr. W. J. Berger, of Carroll, Iowa, is offering a creamery property located at Mt. Carmel, Iowa, for sale. His advertisement appears on page 9 of this issue of The Homestead.
 Messrs. Wm. H. Schnelle & Son, of Lemmonville, Mo., offer six full blood and high-grade two-year-old English Shire stud colts. See page 24 for their advertisement and write them if interested.
 Remember Mr. O. L. Kerr, of Independence, Mo., the O. I. C. hog man of that state, will hold his next sale on Friday, November 2d, at Independence, Mo. Some sensational O. I. C.'s are listed for this event.
 Mr. J. R. Triggs, of Dawson, Neb., makes the announcement in his advertisement on page 27 of this issue that if the reader is in need of large, growthy Poland China boars or sows that he should write him for prices and descriptions.
 Two Iowa farms are offered for sale on page 23 of this issue of The Homestead by Messrs. Conway & Carey, of Anita, Iowa. One contains 240 acres and is located four miles from Anita and the other has 200 acres and is within one-half mile of Anita. For further particulars read the advertisement.
 Messrs. C. C. Drake & Son, of Terre Haute, Ill., breeders of Poland China hogs, in sending in copy for their new advertisement found on page 27, write as follows in regard to their stock: "Stock are all doing nicely, and are up to weight according to age, and are not carrying any surplus flesh. We have the leading blood lines and individuals. Having sold our farm, we are going to move in December and have about sixty-five head on hand that we want to dispose of. They will be priced at bed rock figures."
 Mr. Frank Iams, the well-known horse importer and breeder, of St. Paul, Neb., writes under a recent date as follows: "I have just returned home with a special train of 120 stallions, the famous 'peaches and cream' boys, making a total of about 200 head in my barns. I have the largest and choicest bunch of any one man in the United States. I have on my selling clothes, and there is a horse show at Iams' barns daily, and there is always something doing. I will have thirty head of beauties at the Iowa and Nebraska State Fairs. Watch Iams' smoke."
 Mr. M. D. Yard, of Crawfordville, Iowa, breeder of Short-horn cattle, in sending in change of copy for his advertisement, found on page 27 of this issue, writes: "My herd is doing fairly well, although the intense heat and the fly pest is pretty hard on them. Frequent additions to the herd make their appearance. The Brawith Bud bull, Bud Royal, by Lavender Royal 135256, a straight Cruickshank, is developing in fine shape and will make somebody a good herd bull. He is a beautiful red, of good size, has strong legs and is lengthy with good top and bottom lines."
 Mr. J. C. Webber, proprietor of Westview Poultry and Stock Farm, of Montezuma, Iowa, writes that he is on the market again with some choice Chester White male pigs. They are of the best stock and breeding that can be procured, the lengthy, heavy-boned hogs he is noted for producing. He has carefully selected a limited number from his herd and will ship nothing but the best of stock. He writes: "Parties wanting a good fall yearling or an early spring pig will do well to place their order early. Our B. P. Rocks and M. B. Turkeys are coming in in grand style, as are also our Imperial Pekin ducks. Can ship Pekin ducks and drakes, either old or young, at any time now." One of our representatives visited his farm and pronounced his hogs, as well as his poultry, at the top of the list. His advertisement and prices will be found on page 23 of this issue. The accompanying unsolicited testimonial is a sample of many received from satisfied customers: "Grinnell, Iowa, Jan.

30, 1906. Mr. J. C. Webber, Montezuma, Iowa. Dear Sir:—I received the sow in good shape and think she is a fine one—just what I wanted; long and good boned. She is as white a hog as I ever saw. Those that have seen her thought she was a beauty, and when I need anything in your line I will buy of you again.—Clint Buchanan."

Mr. T. A. Baldwin will hold his fourth Short-horn cattle and Poland China hog sale at Emmetsburg, Iowa, October 30th, selling forty head of imported Scotch and Scotch-topped Short-horns, consisting of ten bulls and thirty females; several cows with calves at foot and rebred to Imp. Grand View Chief 244020, will be included in this sale. The hog offering will consist of twenty head of young boars and twenty-five head of sows and gilts.

Messrs. Wheelock & Wheelock, of Fargo, N. D., make the announcement on page 17 of this issue that they have just purchased 6,000 acres of fine level land located in the northwestern part of Kitter county, N. D. This land is located from ten to fifteen miles north of Tapeu on the Northern Pacific Railway; and a branch of the Soo Railway has been surveyed directly across the tract which they have purchased. They are offering farms on very easy terms, with five to seven annual installments after the first payment. If interested write for their list, which gives full description and prices on this tract and their improved farm and ranch lands. They will also send free of charge with the list a large map of North Dakota.

With this week's issue we begin the Duroc Jersey advertisement of Mr. H. A. Sexsmith, of Greenfield, Iowa, who now offers some exceptionally choice boar pigs by Ohio Chief, out of the great brood sow, Valley Lady, purchased last winter by himself and Mr. Fred Strong, of Orient, Iowa. He also offers for sale some good boars by Proud Advance, W. L. A.'s Choice Goods and Keep On. He owns the splendid sow, Minnie Watson, a granddaughter of Toy Notcher, and she has seven nice pigs by Stout's Advance. Another good sow owned by him is Lady Mingo, a seven-eighths sister to Helen Blazes, the \$1,000 sow, and she has a good litter by Proud Advance. Write Mr. Sexsmith if you are looking for a herd leader. See page 23.

Mr. Thos. Canfield, of Lake Park, Minn., writes as follows concerning his hogs: "We have already shipped nearly 100 pigs of this spring's farrow and up to date our trade in Yorkshires has amounted to more than twice as much as during the corresponding period of 1905. We had farrowed this spring over 700 pure-bred Yorkshire pigs, so that we are able to supply the trade that comes our way. At the North Dakota State Fair, during the last week of July, we had an exhibit of twenty-two head upon which we won all but two premiums for which we had entries. We expect to show at the Iowa, Minnesota and South Dakota State Fairs this fall, having some thirty head on exhibition, and we should be glad to meet any of our old customers at these fairs and will be pleased to make the acquaintance of many new ones who are interested in this breed." See the advertisement on page 25.

A great lot of Duroc Jersey red pigs, eighty March farrow, is the announcement of Mr. W. J. Hartung, of Maxwell, Iowa. Mr. Hartung has been very successful in pleasing hundreds of Homestead readers with the popular Cherry Blond pigs sent out. This season the crop is better than usual, and some real bargains are in store for the early buyer. Mr. Hartung breeds heavy-boned Durocs, and is very careful to see that they stand well up on toes. Good backs and short, broad heads are noticeable characteristics, bred for generations in the herd. As seen by a Homestead representative recently, the herd must be rated among the good ones of the land. This crop of pigs are by the following three noted boars: Roy Advance, Malcom's Model 2d and Gold Standard. The last named boar is for sale, as are four good fall boars. Mr. Hartung will hold a brood sow sale February 9, 1907. He wishes now to dispose of the boar pigs to Homestead readers at private sale.

Beginning with this issue appears on page 23 the advertisement of Messrs. Clark & Tryon, of Wausau, Neb., who are now offering for sale forty head of fall and spring Duroc Jersey boars. These are sired by Clark & Tryon's Orion, Duroc Challenger's Redeemer and Chime's Advance, and are out of Duroc King, Duroc Challenger and Glendale Critio sows. Clark & Tryon's Orion, the sire of a great many of the pigs, is a son of Kruger's Maid, the \$410 sow that sold in the Manley sale, and she was also the dam of the great sweepstakes sow, Alix, that won wherever shown. The boys have a number of good sows in the herd, among which is a daughter of old Duroc Challenger and out of the noted brood sow, Minerva C. II. that was the best brood sow in the A. T. Coie herd. They are offering some good boars for sale out of these sows and they are pricing them right. They have a nice bunch of both fall and spring boars and these are ready to ship at any time. Write them for prices and kindly mention The Homestead.

On October 26th will be held the Short-horn sale of Mr. A. P. Fuhrmeister, of Churdan, Iowa, and Mr. Theo. Vest, of Jefferson, Iowa. The offering is very largely of Scotch and Scotch-topped cattle, and is made up of unusually good individuals. Mr. Vest is practically closing out and will include his four-year-old herd bull, Scotchman 207626. He is a remarkably good red bull, was imported in dam by Mr. Joseph Wetter, of Liberty, Ind., and was bred by Mr. J. A. W. Mien, of Huntville, Scotland. He will also sell a number of good Scotch cows and heifers and his cattle are an exceptionally uniform and well-cared-for lot of Short-horns. Mr. Fuhrmeister has selected some of his best cows and heifers and will include them in this sale. At the head of his herd stands the richly-bred Cruickshank bull, Matchless Champion 219725, a son of the noted sire, Champion, now at the head of the J. H. Graham herd at Spencer, Iowa. His dam is a daughter of Imp. Royal Don, second dam by Imp. General Booth. All of the Fuhrmeister females will be bred to him and well along in calf. He will sell a richly-bred Missle cow, a daughter of Prince Nonpareil out of a daughter of Imp. Confessor. He will also include a daughter of Cumberland, a richly-bred Violet Bud cow, and she will be one of the best things in the offering. There will be a liberal number of Scotch cattle in the sale, among which will be some good

bulls. The sale will be held at Jefferson, Iowa, and due announcement will be made in a few weeks.

During the Kossuth County Fair there is to be held a combination sale of forty head of pure-bred cattle and forty-five head of pure-bred hogs. The offering of cattle will include Angus, Short-horns, Red Polled and Hereford breeds. The swine will be representatives of the two popular breeds, Duroc Jersey and Poland China. These animals are contributed from the leading herds of the county and will include many prize winners and the produce of prize winners. The sale will be held in a large tent on the fair grounds at Algona on September 14th. The managers of the sale are Messrs. J. P. Schoby, Myron Shenck and M. P. Daw. For catalog address Mr. C. T. Chubbs, Algona, Iowa. The advertisement will be found on page 23 of this issue.

LIVE STOCK SKETCHING.

Many of our readers wish to have sketches made of their stock for use in catalogs and other advertising matter. We take pleasure in recommending Mr. A. V. Lock, of Remington, Ind., who is one of the best artists in the country. He has done work for many of the leading breeders throughout the central West and guarantees satisfaction. His prices are reasonable and he will be pleased to communicate with anyone desiring to have sketches made. Kindly mention this paper when writing him, as per his announcement on page 4 of this issue.

THE HOME OF EXPANSION.

The herd of large, roomy hogs owned by Messrs. H. C. Dawson & Sons, of Endicott, Neb., are as strong as ever. The writer was not at all surprised to find as growthy a lot of hogs as you would ask to see. Several of this hog's get are heading herds and we must say that we never saw as strong a breeder as Expansion. His get of two or three generations show his wonderful bone and size. The grand old hog is still doing service and his get are as much in demand as ever. The cross with Growthy Perfection has produced some very choice things. The entire lot of sows in the herd are growthy. This firm have as strong a show as ever and will undoubtedly be in line for their share of ribbons. They are making good prices on choice pigs.

JENSEN & SON'S POLANDS.

The writer recently visited the well-known firm above mentioned, at their farm near Bellville, Kan. The herd is of the large type of hogs and it is the owners' intention to continue with the hog that gets size combined with quality. The crop of spring pigs are very nice. The herd is headed by Mogul by Blain's Tecumseh and out of Maria's Daughter. This animal is very strong and his get are also choice. He is ably assisted by Grand Chief 2d and a son of Mogul, first and sweepstakes of Nebraska. The sows in the herd represent the blood of the herd boars, Expansion, Chief Tecumseh 3d, L's Tecumseh and Black U. S. Another boar doing service in the herd is Jumbo U. S. by Ohio U. S. This is a very strong hog. His get are good, with plenty of vitality. Messrs. Jensen have some choice pigs sired by above boars and Pawnee Chief, Exwansee, etc. They will hold a sale in the fall. If interested in the useful type of Poland, write this firm.

THE M'KEEVER HERD VISITED.

In reviewing the good herds over the West we stopped at Hubbell, Neb., and found Mr. Wm. McKeever surrounded by a herd of large, roomy Poland Chinas. The spring crop of pigs show the result of good care and blood lines combined. The great herd boar, Expansion C, by Expansion and out of a Corwin-bred dam, is one of the growthiest Polanders we have found. His get are very strong. This herd is there with the bone and feet and has plenty of quality with it. Exwansee is another of the Expansion get that is doing good work in the herd. Boliver also holds forth. The herd of sows are very large and even. They represent the blood of Expansion, Victor, I. X. L. and others of the large kind. Mr. McKeever has as growthy a lot of spring pigs as we have found. He will be at the Nebraska State Fair with his herd header, Expansion C, and a strong lot of his get. They will hold a brood sow sale. Watch our columns for announcements.

ENTERPRISE IN SHORT COURSE WORK.

Practically every farmer in the corn belt is aware of the fact that the short course at Ames, Iowa, in corn judging, live stock judging and domestic science is attracting the attention of all enterprising farmers' sons and daughters as well as a goodly number of the older folks. However, it is not generally known that a branch in this important industry has been established at Mt. Pleasant, Iowa, by the Young Men's Christian Association at that place. A short course in the above branches will be held in the Seeley Y. M. C. A. building at Mt. Pleasant, Iowa, December 17th to 22d, inclusive, co-operating with the Iowa Agricultural College at Ames. The live stock judging contest will be conducted by Prof. Chas. F. Curtiss, dean of agriculture, and Prof. R. K. Bliss, in the new pavilion on the Mt. Pleasant fair ground. The best live stock in southeastern Iowa is promised for this purpose. The corn classes will be conducted by Prof. F. G. Holden, professor of agronomy. The domestic science will be taught by Miss Mary Rausch, of Ames, who is an expert in her line. Evening lectures will be conducted at the college chapel by Dr. A. B. Stierms and Dr. J. H. McNeil, while Prof. Geo. M. Rommel, expert in animal husbandry of the department of agriculture, U. S. A., will be a prominent speaker. One hundred premiums valued at over \$500 will be awarded by Professor Holden in the big corn show. Such enterprise as this is certainly deserving of imitation. It is made possible, however, in this instance, through the untiring efforts of Mr. W. B. Seeley, who has had charge of the erection of the new hundred-thousand-dollar Y. M. C. A. building just completed and dedicated at Mt. Pleasant, Iowa. This is by far the finest Y. M. C. A. building in the entire West, and was built by the bequest left by Mr. W. B. Seeley's brother, Mr. Geo. Lincoln Seeley. The building is very imposing and substantial and has the finest gymnasium in the entire West. It was built, furnished and dedicated, including all appurtenances for the manual training department free of cost to the citizens of Mt. Pleasant, the only

stipulation being that the citizens are to maintain the expense of running it. As both Mr. Seeley, deceased, and W. B. Seeley were reared on the farm and have always lived close to nature and nature's ways, it is altogether fitting that the short course in agriculture should be taken up by this particular association and a permanent home made for it in this beautiful building.

LITERATURE ON THE YORKSHIRE HOG.

The American Yorkshire Club has recently prepared a booklet of fifty pages giving much valuable information on the Yorkshire hog. The secretary of the association, Mr. Harry G. Krum, gives the history in detail of this breed, and especially deals with its introduction into the United States and Canada. Prof. J. J. Ferguson, of Swift & Co., Chicago, has written a paper for this pamphlet, entitled "The Place of the Yorkshire in American Swine Husbandry." Of this breed Professor Ferguson says: "Their strong characteristics are strength of constitution, firmness of bone and ability to reach desirable weights at an extremely early age. Some charge them with being slow maturing in view of the fact that a thrifty Yorkshire will take on weight until the age of four or five years, but compared with other breeds, at the age of twelve months, I am satisfied they cannot be surpassed for rapidity of growth and development." A number of half-tones of prize-winning animals are given in this pamphlet, and it is from cover to cover an interesting and valuable publication. Copies may be had by addressing the secretary, Mr. Harry G. Krum, White Bear Lake, Minn.

W. W. ANDREWS' DISPERSION OF ANGUS CATTLE.

We are just in receipt of the catalog issued by Mr. W. W. Andrews, of Maryville, Mo., for his dispersion sale of Aberdeen Angus cattle. Those who are interested in the doddies should not fail to write today for one, as there will not soon be a better opportunity offered to secure a better lot of choicely-bred individuals than will go in this dispersion sale. Ten head from the herd of Messrs. C. D. Hooker & Son, of Maryville, Mo., are cataloged. On glancing through the catalog we find nine Queen Mothers, five Prides, five Blackbirds (three of these are daughters of the great Prince Ito), the balance being Ericas, Heather Blooms, Western Roses, etc. Mr. Andrews regrets that his failing health forces him to take a needed rest, as he is one of those men who loves his cattle and his whole interest was centered in seeing how well he could grow them. Messrs. Hooker & Son were invited to contribute ten head in order to make a good-sized offering, and they have selected animals of a very high standard and from their best families. The catalogs are ready and these gentlemen will be glad to mail one to any who may be interested. The advertisement starts next week, but address either Mr. W. W. Andrews or C. D. Hooker & Son, Maryville, Mo., and catalog will be mailed promptly. Kindly remember to mention this paper when so doing.

BARGAINS IN HEREFORDS.

Mr. T. P. Whittenburg, of Pleasant Hill, Mo., offers a car load of pure-bred Herefords, one-half of which are recorded, the remaining half being animals that could have been recorded, but through negligence they were not until the age limit was passed. None of these cows are over eight years of age, a pedigree can be furnished with each, and of the twenty-six head only three are bulls, these being bull calves that go at foot. Their breeding is first class, fourteen of the number being by Don Antonio 18327, a grandson of Lamplighter, and out of a daughter of Beau Brummell. The writer has seen this bull, as well as his get, and pronounces him a good individual and as well bred an animal as is found in the herd books. His get are good; they show the Anxiety type and the male who is producing beef stuff would do well to look into this proposition, as Mr. Whittenburg is pricing them to sell. All females of breeding age are in calf to Paymaster, Mr. Whittenburg's Anxiety-Lord Wilton-bred bull that he purchased at Messrs. Gudegg & Simpson's February sale. This should be worth several dollars to the purchaser of the bunch, as it is seldom that one gets a chance to get the service of such bulls as Paymaster. The writer has just seen these cattle and we do not hesitate to urge any man who wants some extremely well-bred and choice individuals that will make money, to go and look at them. As before stated, Mr. Whittenburg is pricing them right, as he has not the room to keep them.

THE WHITE-METZGER SALE AT COUNCIL BLUFFS, SEPTEMBER 15TH.

The opening gun of the Poland China season will be fired at Council Bluffs, Iowa, on September 15th, when Messrs. Geo. H. White, of Emerson, Iowa, and E. M. Metzger, of Fairfield, Iowa, will sell fifty head of their tops, including many of their show winners. Mr. White is putting in twenty-five head, nineteen boars and six sows. Among these will be his two prize-winning herd boars, Standard Perfection and Contractor. Both of these were in the winnings at Des Moines last year. Mr. White also sells two February 8th boars out of Lady Tecumseh, a litter sister to Oakland's Prospect. Three other good boars are out of Spot's Beauty, one of the best brood sows and a daughter of the noted boar, R's Claud. He also sells three fall boars by Proud Corrector that are among the choice things in the sale. He will sell a splendid lot of sows which will have to be seen to be appreciated, among which will be some of this year's show sows. Mr. Metzger also sells twenty-five head, mostly the get of Winning Dude, the first-prize Nebraska State Fair winner, and Nemo L's Dude. He is selling some strictly high-class stuff, both in boars and sows. There are four boars in his offering by Winning Dude, out of Sensation Queen, that are good enough to go anywhere. Both of these boars can be seen at the fairs, as well as two choice gilts that also go into the sale. Dude's Darling is one of Mr. Metzger's good yearling boars out of Goldie U. S. that is among the tops of his offering. He is putting in the tops of his herd and there are some sows in his sale sired by old Nemo L's Dude and Winning Dude that are good enough to enter any herd. The record of these two great boars, both at the fairs and in the sale ring, have made a wonderful demand for their get, and Mr. Metzger never offered a better or a

more choice lot than he sends to Council Bluffs on the 15th of September. Send to either Mr. White or Mr. Metzger for catalog and mention The Homestead.

SCOTCH SHORT-HORN BULLS FOR SALE.

Mr. A. L. Alexander, of Morning Sun, Iowa, has a few good Scotch Short-horn bulls for sale sired by such bulls as Darnley's Best and Highland Chief Jr. Some of these bulls are out of imported Scotch cows. They are not in high condition, and for that reason can be purchased well worth the money that is asked for them. Inasmuch as these bulls have not been specially fitted, have never been and are not now stabled, someone can secure a bargain at a very modest figure in the Scotch herd bull as well bred as the very best by addressing Mr. A. L. Alexander, Morning Sun, Iowa.

MR. O. V. PERRY DISPENSES HIS DUROC JERSEY HERD.

Elsewhere in this issue of The Homestead will be found the announcement of Mr. O. V. Perry, of Riceville, Iowa, announcing the dispersion sale of his Clydesdale horses numbering seventeen head, fifty head of registered Short-horn cattle and eighty head of Duroc Jersey swine. These pigs are by Advance Boy, a son of the International show hog, Advance, perhaps the best Duroc Jersey boar that America has seen in many years. Individual merit by inheritance is the rule on which Mr. Perry has built up his herds. The best breeding does not satisfy him except the individual merit is in keeping with the breeding. These Duroc Jerseys are all royally bred, as well as being of the very best type and conformation as individuals. The modern pork barrel type has been his model. The catalog of this dispersion sale is now out and ready to mail to all who will make application for such, mentioning The Homestead.

IMPORTANT SHORT-HORN SALE.

Farmers are realizing more every year the importance of live stock husbandry. This is the basis of successful agriculture. To restore fertility to depleted soil, cattle are invaluable. To do this, and at the same time pay their way, there are no better cattle than Short-horns—excellent for beef, also good for milk. Those who wish cattle of this excellent breed will have an opportunity to get some that are strictly good by attending the sale, Thursday, September 6th, at Hamline, Minn., during the state fair. These cattle have been consigned from the best herds in the Northwest, and will be found a useful lot. Among them are several imported cows. The blood of many of the best and most noted sires of the breed is represented in this offering. The sale includes the produce of Imp. Bapton Ensign, Nominee, Young Nominee, White Hall Sultan, Imp. First in the Ring, Pitiville Merry Lad, Prince Victor, Straight Archer and other good sires. The sale will be held in the new live stock amphitheater on state fair grounds, Thursday, September 6th, at 1 p. m. For catalog write Mr. B. O. Cowan, assistant secretary, 17 Exchange Ave., Chicago, Ill.

THE LAST CALL FOR THE O'NEILL SHORT-HORN SALE.

Nebraska breeders, and especially those in the western and northwestern part of the state, will be interested in the combination Short-horn sale to be held at O'Neill on September 7th. This sale will be under the management of Mr. D. J. Cronin, one of the best-known western breeders. The cattle will come from the herds of Messrs. A. J. Stonebraker, Royal, Neb.; D. L. Pond, Inman, Neb.; D. J. Cronin, O'Neill, Neb., and W. M. McLemore, Kearney, Neb., and there will be fifty head in the offering. There will be a lot of well-bred and useful bulls in the sale, suitable for farmers and ranchmen, and there are a few that will make good herd headers. A large per cent of the females will be heifers, ranging in age from one to three years of age. The most of these are Scotch-topped on good Bates foundation and are especially well bred in the milking strains of Short-horns. The cattle will be in fair flesh, but not fat, as they have only recently been taken out of the pasture. This sale will be held during the fall and there will be a suspension of business while the sale is going on. Nebraska breeders and farmers who want Short-horn bulls or good cows and heifers will find about what they want in this sale. The catalog is now ready for distribution and will be sent on application. Write for it to Mr. D. J. Cronin, O'Neill, Neb., and mention The Homestead.

SEELEY'S DODDIES.

Readers of this journal are familiar to a greater or less extent with Mr. W. B. Seeley, of Mt. Pleasant, Iowa, and his famous herd of Seeley doddies. It is a well-known fact that Mr. Seeley has been a purchaser of some of the best Aberdeen Angus cattle that have been put on the market in recent years by the best breeders in America. It was a great stroke, in fact a ten strike, when Mr. Seeley secured Blackbird Ito to lead his herd. His sire was the \$9,500 bull, Imp. Prince Ito, and his dam the celebrated cow, Blackbird 15th. One of our representatives has been watching this bull since his purchase by Mr. Seeley with considerable interest. Being bred as he is and carrying the superior individual excellence, with all the marks of a great sire, we had really expected to hear of great results from the use of this bull on the Seeley herd, composed of Prides, Blackbirds, Ericas, Queen Mothers, Baroness and Westertown Rose families. On a recent visit the most sanguine hopes of our field man were more than realized, for the get of Blackbird Ito surpasses that of any sire ever used by Mr. Seeley, not excepting the great 3d Mayor of Estill. The best young bull ever seen on Mr. Seeley's farm is a calf about ten months old sired by this bull; in fact, all of the get of this bull can readily be selected from the remainder of the herd without asking any questions by anyone who has an eye for live stock. The splendid heads, true, even lines and exceeding smoothness at the tail setting are a few of the good qualities that Blackbird Ito stamps upon his offspring with unerring certainty. This young bull referred to is Quo Warranto, calved September 30th. He is a Queen Mother by Blackbird Ito and out of Seeley Queen. Here is a herd header for someone, of the choicest breeding and individual merit seldom equaled; in fact, this bull should have been fitted and taken to Des Moines, but Mr. Seeley is not making any show this

year. The herd is in the pink of condition and is rapidly growing by virtue of its being an up-to-date breeding herd. However, the motive of Mr. Seeley in removing his Aberdeen Angus cattle to his Springfield farm was to excel in quality rather than quantity. About twenty head will form the size of the draft from this noted herd that will go into the Angus sale at the new pavilion in Mt. Pleasant, Iowa, October 21th. Mr. Seeley's announcement appears at all times.

CHOICE BERKSHIRES FOR SALE.

Homestead readers who are in need of a good, choice, heavy-boned, long-bodied, strong-backed Berkshire boar will do well to write Mr. W. B. McTavish, of Coggon, Linn county, Iowa, at once. Mr. McTavish is one of the old-line breeders that has kept abreast of the times in the breeding of good Berkshires. He has maintained that the Berkshire to be at his best must be a hog with more than ordinary scale, size and bone, hence heavy-boned, short-legged, strong, arched-backed Berkshires possessed of extra spring of rib with very short, broad, dished faces, has been his model. This kind is now offered our readers at modest prices, quality considered. Mr. McTavish has been an exhibitor at all the leading state fairs as well as at the international in Chicago, and has never come away without winning the "lion's share" of prizes. His announcement can be found on page 23.

PRITCHARD'S BIG-BONED POLAND CHINAS.

On Saturday, September 22d, the third day's sale of the circuit, will occur the Poland China sale of Dr. H. Pritchard, one of the best-known Poland China breeders in the Elkhorn valley. There are few herds in the West that have had the reputation for as much size and quality as will be found in the Pritchard herd. At the head stands Wisner Chief 76067, one of the best breeding sons of old Chief Tecumseh 3d, and here also will be found Big Tom 2d, a boar that will easily weigh 1,000 pounds in condition, and known as one of the largest boars in the state of Nebraska. He has also used Perfection Keep On, a son of T. R.'s Perfection, and he has pigs by the three boars, as well as by a few boars that have headed other good herds. He puts twenty fall yearling sows into this sale, fifteen fall gilts and fifteen fall boars. They are a growthy, well-developed lot of Poland Chinas, with good heads and ears, plenty of size and ample quality. In the herd will be found some grand good brood sows, undoubtedly as good as will be found in any herd in the West, and many of the things in the sale will be out of some of his best sows. He is putting in a splendid lot of boars, ready for use, and these are as good as will be sold in Nebraska this fall. Write Dr. Pritchard, Wisner, Neb., for catalog and kindly mention The Homestead.

RUSSELL LOSES GLENWOOD CRITIC.

The many friends of Mr. E. Z. Russell, of Blair, Neb., will regret to learn of his losing his splendid yearling boar, Glenwood Critic, considered one of the outstanding young boars of the year. The loss was the result of the intense heat of last week. Those who have watched this hog during the summer had every reason to think he was in the winnings this fall. Mr. Russell will be at the Iowa and Nebraska State Fairs, however, and will have with him his two-year-old boar, Glendale Critic. He has rounded out into one of the smooth two-year-olds and will be liked by many of the breeders who will attend the shows this fall. He will also show another good yearling boar in Critic's Echo, that has been considered one of the good young boars in the West. He will fill several of the other classes and will also take a few good pigs with him. Mr. Russell will make a public sale of thirty-five spring boars and ten choice gilts at his farm on October 8th. Included in this sale will be the yearling boar referred to above, Critic's Echo, and he will be a herd-heading proposition that many of the boys have been in search of. The pigs are a splendid bunch and have been grown out in such a way as will insure the very best results. These are sired by Glendale Critic, Gold Dust Jim 2d and Critic's Echo. We desire to call the breeders' attention to this sale, as there will be a number of decidedly choice pigs in the offering, with a line of blood behind them that insures an excellent outcome, if taken care of. Mr. Russell will be found in barn 16 at the Iowa State Fair and barn 4 at Lincoln, and he will be pleased to have all the boys call and see him.

ANGUS AUCTION AT HAMLINE.

One of the attractive consignments of the Minnesota State Fair sale of Aberdeen Angus at Hamline, September 4th, is that of Mr. S. Melvin, of Greenfield, Ill. Mr. Melvin has sold many high-class cattle at auction and needs no introduction to breeders anywhere. He catalogs for this occasion three young bulls, the first of the get of the double Erica bull, Ecuador, that was bred by Mr. John S. Goodwin, and is one of the best bred of all Trojan Ericas, he being sired by Imp. Equestor and out of Imp. Epaulot. One of these three bulls, Primo 2d, is an exceedingly well-bred Ballindalloch K. Pride from Key of Philadelphia, a daughter of the double Blackbird bull, Blackcap Monarch (a full brother to Black Monk, champion over all breeds in 1897), and the cow, Key of Paris, probably the greatest of all Pride cows imported to America. A two-year-old heifer of the Mina family and a six-year-old cow of the Queen Mother family and both sired by the great Blackbird sire, McHenry Blackbird 6th, are cataloged by Mr. Melvin. One of the largest consignors to the auction is Mr. W. L. Gelbach, of Lancaster, Wis. His entries are strong in the hood of the celebrated bulls, Golden Abbott, Heather Lad 4th, Baltimore of Glendale, Pride of Albion, Lord Woodlawn, Moon Eclipse, Clansman Chief, Guido Knight 2d and Heather Lad 2d. Mr. Gelbach includes eight cows and heifers and four bulls that will do credit to this great market-topping breed in this Minnesota State Fair sale. Mr. P. Abrahamson, of Lanesboro, Minn., is about the only consignor from his state that is supporting the auction with entries. He includes one of his stock bulls, Sunnyslope Jack, that was bred by Messrs. Baker & Smith and sired by Black Keilor 3d, a Blackbird son of the noted Pride bull, Pride of Albion. Mr. Abra-

hamson consigns a young bull and a six-year-old cow of the celebrated Georgina family that produced Moon Eclipse, the bull that made the fame of Mr. B. R. Pierce as a breeder, and the cow is sired by Heather Wellington, a son of the Pierce-bred Young Wellington, the champion bull at the World's Columbia Exposition. Other sires represented are Gardner Regulator, a Queen Mother, bred by Mr. C. H. Gardner, and McHenry Pride 11th, a Pride bred by Mr. McHenry and sired by the famous Heather Lad 4th. Included in the entire offering are some of the best representatives of the famous Blackbirds, Prides, Ericas, Queen Mothers, Minas, Heather Blooms and Georginas. There are show cattle of both sexes and the auction is in every way worthy the support of breeders of the North and West.

MARRS' DUROCS.

Among the young's more progressive breeders of the Duroc Jersey in northwest Missouri is Mr. W. E. Marrs, of Albany. He has been breeding the reds for some two or three years, and prior to his locating at Albany he lived at Lawrence, Neb., where was located the great herd owned by Messrs. Bowman & Fitch. This is where Mr. Marrs gained his first knowledge of the Duroc. He was a close friend of Messrs. Bowman & Fitch; knew the various crosses were made so as to produce the best results, and at Messrs. Bowman & Fitch's dispersion two years ago Mr. Marrs bought sows bred to the great boars, Improver II, and Cole's Duroc, and from them and a few others has grown a herd that is destined to soon stand second to no herd in the corn belt. To mate with the get of these two boars he made a good selection when he secured from Mr. R. J. Harding, of Macedonia, Iowa, the mature boar, Pilot J. 26311, a grandson of old Marti 4395, and out of a sow bred by Messrs. Stribling & Son. Other lines of breeding are found in Mr. Marrs' herd and all are good. On October 23d he will sell his top boars and gilts, about forty-five head, selected from his herd of over 100 head. Breeders as well as farmers will find much stuff in Mr. Marrs' sale that should interest them. Watch for announcements.

VON SEGGERN'S HEREFORDS.

On Friday, September 21st, Mr. J. G. Von Seggern will sell forty head of well-bred Hereford cattle, rich in the blood of Anxiety 4th, The Grove 3d, Columbus, Lamplighter, Hesiod and other noted sires. This is his first annual sale and he is putting up an offering that will be a credit to himself and his herd. There will be thirteen bulls and twenty-seven cows and heifers in his offering. Eight of the cows will have calf at foot by his great breeding bull, Columbus 25th 100912, considered the best breeding son of old Columbus. Every cow in the sale, excepting one, will be bred to him. He now heads the Von Seggern herd and is one of the very best Hereford bulls today in Nebraska and the West. There will be one of his sons and one of his daughters in the sale, and as his get have always been in demand, it is fair to presume that they will be eagerly sought after on sale day. A large per cent of the cattle will be sired by Swinburne 109741, a son of the great Lamplighter, while a few will be sired by Columbus 25th and Major Bouck, a direct descendant of old Lord Wilton. The thirteen bulls that go into the sale range in age from eight to thirty-four months, are a growthy lot and a good, vigorous, well-developed bunch of bulls. The females are a prolific lot of cows, with good backs, and many will have calf at foot. If any of our readers want Herefords here will be a good place to buy them. Write Mr. Von Seggern for catalog and mention The Homestead.

NOW IS JUST THE TIME TO BUY A MANURE SPREADER.

Every farmer knows that after harvest there comes a little lull in the farm work, and at the same time there is an accumulation of manure that should be properly spread at once—either as top dressing for meadow or on stubble ground before fall plowing. Too many farmers give too little thought to the value of their manure crop. And this is wrong, because you can't expect to be eternally taking something out of the ground and never putting anything into it. The up-keep of your farm depends upon the question of fertilizer. As the price of land advances, it is harder to make a farm pay a good dividend and to get the best crops and the best value out of the land per acre, very careful attention should be given to the question of fertilizer. The American Harrow Company, of Detroit, Michigan, manufacturers of the celebrated American Manure Spreader, have been making spreaders a good many years. There isn't any doubt but that the American is the standard of all spreaders, having 40 per cent more exclusive features than any other spreader on the market, and this is a recognized fact by farmers throughout the country. The American Harrow Company have changed their plan of selling. They now sell all their spreaders direct to the farmer from their factory, either for cash or on time, and they allow a full month's free test on every spreader they send out of their factory, to prove every claim they make for it to be true. They pay all the freight, and the buyer takes no risk of buying a spreader that is not as represented. The American Harrow Company are a responsible concern, composed of some of the best-known and most reliable men in the country. Mr. D. M. Ferry, the well-known seedsman, being its president; Mr. R. W. Gelett, a Detroit banker and capitalist, its vice-president, and Mr. W. W. Collier its secretary, treasurer and general manager. Mr. Collier is a well-known implement manufacturer, and was formerly president of the Agricultural Implement & Vehicle Manufacturers' Association, and well known in manufacturing lines. Mr. Collier is also a practical farmer and breeder himself, owning and living on the Elm Dale Farms, near Pontiac. Mr. Collier is probably one of the best-posted men in the country on the question of fertilizer, having made it a study for the past twenty-five years. These well-known men and this well-known concern hold the confidence of the people throughout the country, and their liberal offer of selling their spreaders and their new selling plan is honorable in every way. We recommend that our readers send to the American Harrow Company for their catalog, and also for their val-

uable booklet on the value, care and application of manure. This book is of real value to anyone who owns a farm, and should be in the hands of every farmer, no matter whether he contemplates buying a spreader at this time or not. The book and catalog are free, and will be mailed to any one on request by The American Harrow Company, 139 Hastings St., Detroit, Michigan.

RED POLLED CATTLE TO EXCHANGE.

Mr. C. A. McCartney, of Weldon, Iowa, has thirty-five head of registered Red Polled cows and bidders, sixteen spring calves and one two-year-old bull which he is offering for sale for cash, or in exchange for young mules. His advertisement will be found on page 23 of this issue. If interested, write him for further particulars.

CLOSING OUT SALE OF SHORT-HORNS.

Mr. O. V. Perry, of Riceville, Iowa, will make a dispersion sale on September 11th at his farm near Riceville, Mitchell county, Iowa, of his entire herd of fifty head of choice Short-horn cattle. Mr. Perry has always been tenacious of high standard individual excellence in all animals owned or bred by him, and while these cattle are clean-bred American families, no straight Scotch cattle are offered. The entire herd is red. There is but one animal in the entire herd not a solid red. Such a high standard of individual excellence has been maintained that the young bulls have been taken by the farmers at a very tender age, and while every female in the herd is a producer, yet at the present time there are only two young bulls in the offering. There will be about sixteen calves at foot by sale day, and the remainder of the females will calve by January 1st. The average weight of these cows ranges from 1,400 to 1,500 pounds in breeding condition, and every cow in the herd is a breeder. They are all bred to Sampson 137088, which is the present herd bull and will be included in the sale. From the standpoint of a strictly first-class business herd this one stands without a peer. Mr. Perry invites the farmers of Iowa, Minnesota and Wisconsin to come to his sale and help themselves. He is not anticipating high prices, but believes that the buyers will find a class of stock that will be as profitable to them as they have been to him. This herd has just attained the proportions for which the proprietor has been striving these many years, but continued ill health on his own part, and the recent loss of his life companion, have made this course absolutely necessary. It is certainly a great misfortune for any one to be compelled to give up his chosen life work when just reaching the age of maturity and rare good judgment that would insure success in the future. However, this unfortunate condition which confronts Mr. Perry will accrue to the benefit of the farmers and stockmen of Iowa, Minnesota and Wisconsin, who are tributary and easy of access to Riceville, where these cattle will be dispersed on September 11th. Cols. Sias Igo and R. Dorsey will sell this stock. The catalogs may be had by addressing Mr. O. V. Perry, Riceville, Iowa, kindly mentioning The Homestead.

NEBRASKA'S GREAT THREE DAY SALE SHORT-HORNS, HEREFORDS, POLAND CHINAS.

The Elkhorn valley is one of the richest and most fertile in the state of Nebraska. Located along the Northwestern line of railroad, which traverses this section of country from one end to the other, will now be found herds of cattle and hogs that are destined to become noted in the great live stock shows of this country. In no section of Nebraska or the West have greater strides been made in the improvement of pure-bred stock than will be met with in the Elkhorn country. The interest centers mainly about Wisner, one of the most thriving and enterprising towns in the valley, and in course of a day's travel in any direction you will encounter as good herds and as richly-bred herds as will be met with in any other state in the Mississippi or Missouri valley country. Here they have formed an association known as the Wisner Live Stock Association and have erected a magnificent sale pavilion, wherein will be held the pure-bred sales which will occur periodically from now on. The first of these sales will be held on September 20th, 21st and 22d, among an excellent bunch of Short-horn and Hereford cattle and Poland China hogs will be disposed of. The first day's sale will be composed of fifty head of Short-horns, from the herds of Messrs. S. S. Hall, Pender, Neb.; J. R. Mansfield & Son, Wisner, Neb.; Theo. H. Serck, Pender, Neb., and J. O'Kane, Bancroft, Neb. There will be fourteen bulls and thirty-six cows and heifers in the offering, and it will be as representative a lot of cattle as were ever sold in Nebraska. Mr. Hall, the largest contributor in the sale, sells thirty head, all of which are females excepting one young bull. He is sending a splendid lot of cows and heifers, many of which will have calf at foot by his former herd bull, Oliver Gloster, and many will be rebred again and well along in calf to his present Scotch bull, Morning Star 43730. The cattle that Mr. Hall is offering are largely of the Scotch-topped Young Mary, Young Phyllis, Rose of Sharon, Adelaide and other well-known families, and are a remarkably good lot of individuals. The fact that fifteen cows have calf at foot by Oliver Gloster, his former herd bull, is an indication that they are an excellent lot of breeders. Messrs. J. R. Mansfield & Sons will sell eight head of yearling bulls, all reds, and all sired by Nonpareil King, their well-known breeding bull, and the highest-priced bull in the Westrope dispersion sale. One of these is an especially good bull, has been well developed and is smooth, low and blocky, and he is going to be one of the toppest things in the sale. The others are just as good, only they have not received the attention this fellow has. They are bred along the same lines and will develop as well if they fall into good hands. Mr. Theo. H. Serck sells eleven head, four of which are bulls. Among the number is his herd bull, Merry Lad 160921, a son of Imp. Merry Hampton, and as good a breeding bull as was ever sired by that famous old sire. This bull was bred by Mr. C. B. Dustin, of Illinois, and was out of a daughter of the famous old bull, Lavender Lad. He was originally purchased by the firm of Messrs. L. Mason & Sons, of Pierce, Neb., and formerly headed their herd, and was purchased by Mr. Serck at their disper-

sion sale. He is now six years old and is just as vigorous as ever, and we may add that he is one of the best breeding bulls ever sold in Nebraska. His calves in the Mason sale commanded the highest price and his get in the Serck herd will show for themselves. He also sells three young bulls and seven females. Some of these will have calf at foot by Merry Lad and others will be bred to him. Mr. O'Kane contributes one yearling bull which is a good calf and will show for himself on sale day. Send to Mr. S. S. Hall, Pender, Neb., for catalog, or to any of the contributors to the sale. Kindly mention The Homestead when writing.

DOLLISON'S SHORT-HORNS AND DUROC JERSEYS.

With this issue of The Homestead begins the advertisement of Mr. James T. Dollison, of Sac City, Iowa, one of the well-known breeders of Short-horn cattle and Duroc Jersey hogs. His Short-horn herd is headed by Missie's Duke 3d 211557, a son of King Gloster, dam Missie 1034 by Bandmaster; second dam by the noted Prince President. He is an exceptionally well-bred Missie bull and has sired a lot of good calves. He has a number of well-bred Scotch cows and heifers in the herd, among which is a Missie, a Mysie, a Victoria and an Orange Blossom. The rest of his cows are well Scotch topped, are good milkers and splendid breeders. He now has a couple of good young bulls for sale which he is pricing at such a low figure as will certainly move them if anyone wants a bull. He has about eighty spring pigs sired by Fairview Wonder 44051, a son of Brighton Wonder, which in turn is a full brother to the great Crimson Wonder. He also has pigs sired by Fairview Colonel 25603, a grandson of old Duroc King and by Fairview Major 25607, a son of Lord Roberts. He is now using a boar called George W., a son of the World's Fair boar, Tip Top Notcher. Mr. Dollison has a lot of good pigs, both male and female, which he is pricing right. In fact he prices his pigs so that everybody can afford to buy, and he is making special prices where two or three are taken in a neighborhood, all to be shipped at the same time. Write him if you want a Duroc Jersey boar or a Short-horn bull. When writing him kindly mention The Homestead. See page 23.

M. L. LOGAN'S SALE OF SHORT-HORNS.

On page 24 Mr. M. L. Logan, of Lineville, Iowa, makes his first announcement of a sale of Short-horns to be held at his Caleb Stock Farm, near Lineville, Iowa, on Tuesday, September 18th. Mr. Logan has not gained the prominence in the Short-horn world that many have, but be that as it may, we want to say that Mr. Logan has the cattle. They are as well bred a lot as are often found and we doubt very much if a better opportunity to buy pure-bred Scotch and Scotch-topped cattle will soon be found. Fully one-third of Mr. Logan's offering are pure Scotch, the balance being the reliable Scotch-topped sort and descendants of the imported cows, White Rose, Flora, Miss Severs, Ruby and Strawberry. The majority of these being descendants of Imp. White Rose, a cow whose descendants have always been held in high favor by Short-horn breeders. All are cattle that Mr. Logan has bought with the intention of building as good a herd as is to be found in the corn belt or are the descendants of these. When buying, Mr. Logan has always looked to the individuality of the animal first and as a result he has built his herd along such lines as do not fail to impress all. Pure Scotch bulls have been used and thirty-four head of the offering are cattle Mr. Logan has bred. The bull end of the offering is light in numbers, only six head being cataloged, but these six head furnish herd bull material that should be looked after by those hunting bulls. On account of his retaining so many daughters of the Cruickshank herd bull, Victor Knight, Mr. Logan has decided to sell this bull. He is easily a ton bull in breeding form, is a good red and gets practically all red calves. Individually he is good, being low down, thick and meaty, and over back he is good, showing the desired fullness over crops and the spring of rib. His head and horn are nearly perfect and show the desired masculinity. As a breeding proposition he has made good and the twenty-five head of his get included in the sale will show his value as a sire. He was got by the \$1,000 Baron Dudding, considered the best son of the noted Godoy. Then followed two crosses of Lord Lancaster 5th got by Julius and out of Imp. Mary Ann of Lancaster 7th. The third dam in his pedigree, Athene 2d, was by Imp. Baron Bampton, a son of Roan Gauntlet. Fourth dam Imp. Athene was by Baron Violet, a bull that carried the blood of the world renowned Champion of England and Roan Gauntlet. The fifth dam, Aharilla, was a great show cow, and one Mr. Cruickshank prized very highly, and of the Violet family. The Athene family are also pure Cruickshanks. Mr. Logan feels that he should not part with this bull, but as before stated, he cannot be used in the herd to advantage longer. A yearling son of Victor Knight is listed as Lot 3. He and his dam, Victoria of Meadow Farm 43th, are illustrated on front page. The man looking for a desirable all red Scotch yearling should not fail to investigate this fellow, as he is far better than shown in the illustration. He is an exceedingly stylish bull, well balanced, evenly quartered, has the well-sprung rib, good covering over loin, is low down and is a thick, meaty fellow. Few better yearlings are found. Another exceedingly desirable Scotch bull is listed as Lot 14—Scottish Archer. He, too, is a red, calved October 15, 1905, and a calf that too much cannot be said for. When fully developed he bids fair to make a herd bull the equal of which is hard to find. For a calf he is exceedingly thick, is low down and well quartered, is good over crops and to the touch he is very mellow. He was got by Rose's Dudding, he by the \$1,000 Baron Dudding. His dam, Aconite of Maplewood, was by the Scotch bull, Bridal Archer; second dam, Dauble Aconite, was by the Bellows-bred bull, Aconite Boy, then follow such sires as Vice Royal, 2d Earl of Aberdeen, Pride of the Isles, sire of Imp. Aconite, and other Cruickshank sires. Thus it may be seen that the breeding of this youngster is in keeping with his individuality. Two other desirable young Scotch bulls will be sold, both sons of Victor Knight and both tracing to Imp. Rosebud, bred similar to Golden-drops. A desirable Scotch-topped bull is also

cataloged as Lot 39. He, too, is a son of Victor Knight. In females Mr. Logan has listed as good as he owns. Breeders who want a Scotch cow or two or some of the reliable Scotch-topped sorts should not fail to be on hand. Mr. Logan is selling females that will look well in any herd. Of these we shall say more next issue. Catalogs are ready and we urge all our readers who are interested in good cattle to write now for one and kindly mention this paper.

THE HAMLINE HEREFORD AUCTION.

In sympathy and accord with the onward March of the Herefords in America, the State Board of Agriculture of Minnesota does not stand for retrogression and will hold under its auspices on September 5th, at Hamline, during the state fair, the best of all the Hereford auctions to occur there. Mr. G. H. Hoxie, of Thornton, Ill., will consign daughters of the champion Perfection; Mr. J. C. Andras, Jr., of Manchester, Ill., will be on hand with show cattle by Prince Improver and Perfection Yet, sons respectively of Improver and Perfection; the Cosgrove Live Stock Company, of Le Sueur, Minn., with some sons and daughters of Hamline Hesiod, combining the blood of Anxiety 4th and Hesiod 2d; Mr. Tom Smith, of Crete, Ill., with representatives of Columbus 29th; Messrs. Zander & Tong, of Goodenow, Ill., with daughters of the Gudgeff & Simpson-bred bull, Blackstone; Mr. H. J. Fluck, of Goodenow, Ill., with three head, two females and one bull that are sired by sons of Peerless Wilton 39th, a son of Peerless Wilton; Mr. David Boss, of Zumbro Falls, Minn., with the imported bull, Conductor; Mr. David H. Powers, of Delavan, Wis., with sons of Blackstone and the imported bull, John Price; Mr. R. A. Wilkinson, of Crookston, Minn., with the Wilton-Anxiety bull, Conqueror Wilton; Mr. H. F. Mussman, of Grant Park, Ill., with sons of Prince Wilton; and last, but by no means least, is the consignment of Mr. A. R. Haven, of Greenfield, Ill. Mr. Haven has bred and exhibited quite a number of prize winners, including the champion bull at the McGavock show and sale at Chicago in March, 1904, and he is the largest contributor to this auction. The youngsters consigned to the auction by him are the get of his stock bull, Hummer Boy, a bull of excellent type that was sired by Imp. Weston Stamp and out of Birdie Bly by the Gudgeff & Simpson-bred bull, Boatman. The Gudgeff & Simpson-bred bull, Druid, by the champion, Dandy Rex, and out of a dam by Militant, has also been used by Mr. Haven and his get will be seen in the auction, doing credit to the celebrated Anxiety blood. Grove Wilton, Prince Archibald and Strong Grove have also their get cataloged in the Haven entries. The auction occurs the day after the Aberdeen Angus auction and the day before the Short-horn auction and is one of the attractive events of this great state fair. The best blood of the breed is represented in it and the type that American breeders have succeeded in producing is found throughout.

DISPERSION SALE OF CLYDESDALE STALLIONS AND MARES, SHORT-HORN CATTLE AND DUROC JERSEY SWINE.

The misfortunes of some accrue to the advantage of others. This unfortunate condition of affairs is the predicament in which Mr. O. V. Perry, of Riceville, Iowa, finds himself. A Homestead representative visited Mr. Perry last week and found him in very delicate health, superinduced by nervous prostration; to add to his other calamities he buried his belated this spring and finds himself in his present condition unable to further continue the breeding of pure-bred stock. Everything in the way of stock owned by Mr. Perry is registered. It is even said that the rats about his place are larger and slicker than those of his neighbors. Mr. Perry is a very methodical man in all his undertakings and in establishing his herd of Clydesdale horses he visited Mr. N. P. Clarke, of St. Cloud, Minn., one of the best importers of Clydesdales in America, and secured two mares for the foundation. Both these mares were imported, one of which was Exquisite 7544. She was a dark brown mare with black forelegs and white feet behind. She was bred by Messrs. Kerr & Creig, of Auchengill, Castle-Douglas, Scotland. She was sired by Prince Darnley and he by the Prince of Wales. Hence she is a half-sister to her majesty the Queen's great mare, Bonnie Mary, a prize-winner at the Windsor Jubilee Royal, and it may be said that she is also a half-sister to Lord Polworth's famous mare, Luxury, that won first at the Highland Agricultural Show at Glasgow, as well as numerous other prizes. This is unquestionably one of the best mares Mr. Clark ever imported. She and a goodly number of her produce are included in the sale. At least four of her produce go in the sale and two of her daughters have colts at foot. The old mare is safely in foal at this time and so are three of her fillies. The other mare with which Mr. Perry started is Princess of Airds 3967. She was bred by Mr. John Currie, of Scotland, and imported by Mr. Clark, her sire being Prince of Airds, he by Good Hope and he by the great Darnley 26th, perhaps the greatest Clydesdale stallion of his day. This mare traces on her dam's side in the third cross to the great Clydesdale stallion, Farmer, and on her sire's side, in the fifth generation, to the same stallion. This mare is also in foal and will be sold. All of the mares and fillies in the offering are bred to Imp. Heir of Fame (11067) 10639. This splendid hay stallion was foaled May 30, 1899. He was bred by Mr. Matthew C. Lurke. His sire was Baron's Pride, he by Sir Evered, he by Top Gallant and he again by the great stallion, Darnley, and the seventh cross leading down to the famous old Clydesdale stallion, Farmer. His sire, Baron's Pride, is at present rated as the best Clydesdale stallion in the world. Practically all of the winners at the leading Scotch shows were descendants of Baron's Pride. This will be the opportunity of a life time for farmers and breeders to secure some splendid Clydesdale mares and fillies, as well as three good stallions, one of which is second to none in America, Heir of Fame. There are thirteen head to be sold, besides four suckling colts, all sired by Heir of Fame, three of which are stallion colts. At the same time and place Mr. Perry will disperse eighty head of Duroc Jersey swine of the richest and best breeding, and fifty head of Short-horn cattle. The half-page announcement appears on page 23.

CLOSING OUT SALE OF REGISTERED

SHORT-HORN CATTLE, CLYDESDALE HORSES AND DUROC JERSEY HOGS

TO BE HELD AT THE FARM, 2 1-2 MILES NORTHWEST OF

Riceville, Mitchell County, Iowa, Tuesday, September 11th.

50 SHORT-HORNS---17 CLYDESDALES---80 DUROC JERSEYS

CLYDESDALE HORSES.

Heir Of Fame, (11067) 10639.

Bay stallion, white face, pasterns and hind legs. Foaled May 30, 1899. Bred by Matthew C. Lurke, Castle Douglas. Imported by N. P. Clarke, St. Cloud, Minn. Owned by O. V. Perry, Riceville, Iowa.

Sire, Baron's Pride	(9122)	Dam, Nellie of Airland ..	(13913)
by Sir Everard	(9353)	by MacMeekan	(9600)
by Top Gallant	(1850)	Gr. Dam, Maggie of Cecil	(13730)
by Darnley	(222)	by Prince Regent	(7134)
by Conqueror	(169)	G. Gr. Dam, Maggie of	
by Lockfergus Cham-		Craighall	(1038)
pion	(449)	by Lofty	(460)
by Salmon's Champion ..	(737)	G. G. Gr. Dam, Maxwellfield	
by Farmer	(284)	Meg by Lord Clyde ..	(476)
By Glander	(338)		

Princess Of Airds No. 3967.

[Recorded in Volume IV., American Clydesdale Stud Book.]

Bay, Foaled May 28, 1887. Bred by John Currie, Bishoptown, Kirkcudbright, Scotland. Imported June, 1888, by N. P. Clarke, St. Cloud, Minn.

Sire, Prince of Airds	(4641)	Dam, Nancy	(6097)
by Good Hope	5400 (2146)	by Farmer	5386 (288)
by Darnley	26 (222)	Gr. dam, Jenny	
by Conqueror	(199)	by Victor	5489 (892)
by Lochfergus Champion		He by Farmer	5385 (284)
.....	485 (449)	by Glander	(388)
by Salmund's Champion	(737)	by Young Champion	5337 (937)

by Farmer	5385 (284)	by Broomfield Champion	
by Glander	(338)	.....	5347 (95)
by Young Champion	(937)	by Glander II	(337)
by Broomfield Champion		by Glander	(336)
.....	5347 (95)		

The Clydesdales are of the McGregor and Baron's Pride strains. All N. P. Clarke's prize-winning Clydes, and include the six-year-old imported stallion, Heir of Fame 10639, a son of Baron's Pride, together with seven Baron's Pride grandsons and granddaughters. Four of the mares have sucking colts, including the imported mare Exquisite 7544, a sister to the Queen Victoria top priced mare Bonny Mary, and to Lord Polworth's show mare Luxury; also three daughters of Exquisite and her yearling son by Heir of Fame.

SHORT-HORNS.

The Short-horn offering, numbering fifty head, comprises a good, useful, well-bred lot of cows and heifers, of the beef and milk sort—the kind that have made the Short-horns popular with the farmer. There are forty-seven females, a number with calves at foot and others bred. The three bulls cataloged include the herd bull Samson, which is the sire of some of the calves. A number, including some fine large cows, are sired by the John McHugh bred Secret bull, Sunrise 121295.

100 DUROC JERSEYS.

The Duroc Jersey offering numbers around eighty head, pigs and all. Nearly everything in the herd is sired by the two herd boars, Advance Boy 28769 and Prince 37903, the former a son of Advance and the latter a grandson of Malcom's Model.

SILAS IGO, AUCTIONEER.

O. V. PERRY, RICEVILLE, IOWA.

METZGER-WHITE POLAND CHINA SALE

Council Bluffs, Iowa, Saturday, September 15, 1906.

The Tops of These Two Great Herds Will be Found in This Offering

50 Head in the sale, including the two herd and show boars at the Iowa State Fair, Standard Perfection and Contractor. There will also be some grand good herd heading boars sired by the Nebraska State Fair winner, Winning Dude, as well as representatives of such noted boars as Nemo L.'s Dude, Standard Perfection, Proud Corrector, Contractor and Perfection I know.

There will be a number of fall and spring boars in the sale and they are certainly good ones. They are our "tops," everything having been reserved for this great event. We are also including some of our best sows. These we have selected for this sale with the greatest care and are composed of the choicest gilts of both herds, also good fall sows and a few of our best matured sows. It is by all odds the offering of the year. If you want a herd boar or foundation sows that will do you good you cannot afford to not attend our sale. Write either of us for catalog. Address,

GEO. H. WHITE, EMERSON, IOWA. E. M. METZGER, FAIRFIELD, IOWA.
COL. J. WEST JONES, AUCTIONEER.

Bids sent to M. T. WHITE, Homestead Representative, in our care will be properly looked after.

COMBINATION SALE

OF 40 head of pure bred cattle and 45 head of pure bred hogs to be held in large tent on the fair grounds at Algona, Iowa, Sept. 14th, during the county fair. The offering represents the Angus, Short-horn, Red Polled and Hereford cattle; Duroc and Poland China hogs. They are contributed from the leading herds of the county, and will include many of the prize winners and produce of prize winners. For catalogs address, C. T. Chubb, Algona, Iowa, clerk of sale.

AUCTIONEERS:

COL. AL. P. MASON,
F. O. CUBBAGE.

MANAGERS: J. F. SCHOBY,

MYRON SCHENCK,
M. P. DAW.

CALIFORNIA EXCURSIONS.
The Iowa Central will sell tickets to Los Angeles and San Francisco, Cal., from September 3d to 14th, inclusive, limited to October 31st at rate of one fare for the round trip. Variable routes and liberal stopover privileges. For further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

HALF RATES TO DES MOINES.
For the Iowa State Fair at Des Moines, Iowa, August 24-31, 1906, the Iowa Central will sell excursion tickets at one fare for the round trip, limited for return until Sept. 1, 1906. For particulars about rates, time of trains, etc., call on agents.

INCREASE YOUR INCOME.
Opportunities in all lines of business in new and growing towns in Iowa, Illinois, Missouri and Minnesota along the line of the Chicago Great Western Railway. Write to Industrial Department, C. G. W. Ry., St. Paul, Minn., for "Town Talk" and county map.

HOO-HOOS OKLAHOMA CITY AND RETURN.
On September 6th, 7th and 8th the Chicago

TOO LATE TO CLASSIFY.
I HAVE THE TOPPIEST OHIO CHIEF BOARS
FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hanks, Sciota, Illinois.

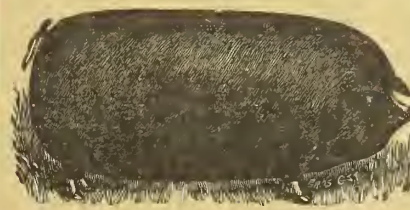
UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

When writing please mention this paper.

Great Western Railway will sell round trip tickets to Oklahoma City and return at rate of one fare plus \$2 on account of Annual Meeting International Association Concatenated Order of Hoo-Toos. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

TOO LATE TO CLASSIFY.

The Joe Young Herd Poland Chinas.



25 Fall Boars---50 Spring Boars.

Sired by Moss Chief 39875, one of the best grandsons of Chief Tecumseh 2d. My Price 34575, one of the biggest boned hogs in the state; Matchless Perfection Jr., the Interstate sweepstakes boar; Oaklund's Prospect and T's Tecumseh, two of the best sons of the famous Blain's Tecumseh. Don't fail to write us. We can fill your order to your satisfaction. Address,

YOUNG & DUNCAN, MADISON, NEB.

RED POLLED CATTLE FOR EXCHANGE

FOR cash or young mules. 36 head registered cows and heifers. 16 spring calves and one two year old bull.

C. A. MCCARTNEY, WELDON, IOWA.

FOR SALE.

240 ACRES only four miles from Anita, Iowa, right in one of the best corn belts in Iowa. This farm has a large square house with basement and summer house, fine water, deep well, windmill and tanks, fine barns, haysheds, hog house, double cribs and is one of the best farms in the country. Owner wants to go west and will take \$70 per acre. 200 acres three and one-half miles from Anita with a good five room house, new barn and richest kind of corn land that has to be sold to divide up a partnership deal. It can be bought for \$65 per acre. Address, CONWAY & CAREY, ANITA, IOWA.

GOOD FARM FOR SALE.

160 ACRE unimproved fine corn and grain farm 4 miles from Mason City, on main road to Manly Junction, 100 rods to farmers co-operative elevator and school, land lies square, good building site with big grove of young timber. R. F. D. [and telephone line. For terms, price, etc. address, D. McFARLANE, Mason City, Iowa.

SHORT-HORN CATTLE--DUROC JERSEY HOGS
80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

CHOICE Chester White Boars, sired by Hobson 11969, and Ring Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. Jas. C. Webber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

When writing please mention this paper.

Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dishd face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

40 HEAD FALL & SPRING DUROC JERSEY BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wamsa, Neb.

WOULD LIKE TO SELL OR EXCHANGE.

An imported black Percheron Stallion, 8 years old, weighs 1700 pounds. Parties owning this horse would like to exchange him for stallion of same breed. For further information address JOHN MARTEN, SECY, PROLE, IOWA.

F. A. MURRAY, MAZON, ILL.

BREEDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for sale.

ROSE HILL Durocs. Good ones. 3 sows brought \$1. 300, 130 pigs for season's trade, from 3 best boars of breed Jr. Jim, 1st prize last Nebr. state fair, Arion winner Des Moines and Lincoln 3 yrs. in succession and Long Alix, litter bro. to Alix II, size, bone, back, color my specialty. Visitors welcome. Phone 3 miles west of city. Austin Renshaw, Blair, Neb.

DUROC JERSEY PIGS FOR SALE.

80 MARCH pigs by Roy Advance, Malcom's Model 2d, and Gold Standard. Also have four good fall boars and will sell Gold Standard, two years old. Have one litter by Manley Orion. Brood sows mostly by Billy K. W. J. Hartung, Maxwell, Ia.

LIVE STOCK AUCTIONEERS.

FRED REPPERT,
DECATUR, IND.
Live Stock Auctioneer.

Am selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312.



GEO. P. BELLOWES

LIVE stock auctioneer. Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

Col. Judd McGowan
CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A LIFETIME IN THE CATTLE BUSINESS.

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100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, Rt. 3, Harlan, Iowa.

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150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

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WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Will have an exhibit at the Iowa, Minnesota and South Dakota state fairs. Address, Thomas H. Canfield, Lake Park, Minn.

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Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by 'Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address, GEO. W. SECKMAN, RIPLEY, ILLINOIS.

PRIZE WINNING
DUROC JERSEYS

I have a splendid lot of herd headers this year sired by some of the most noted boars of the breed.

40 DUROC-JERSEY BOARS 40

SIBED BY JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair. Jitter brother to the great sweepstakes sow Alix 20, that sold for \$740. LONG ALIX, 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair. Pigs by other well-known boars. If you want a herd-header, write me. AUSTIN RENSHAW, BLAIR, NEB.

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HOME of S. E.'s Model IX 30996a, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar Sale Oct. 2. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WEIGHTON, AUDUBON, IOWA.

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200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed. T. W. STONER & SON, HENRY, ILLINOIS

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SOWS and gilts bred to this great sweepstakes boar for fall farrow. U. G. Davidson, Manson, Iowa.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Eds. Sow sale February 25. Inspection invited. 125 pigs. Write us. W. A. STAPLES & SONS, GLIDDEN, IOWA.

Wineland Duroc Jersey
Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today. H. C. YOUNG, LINCOLN, NEB.

Thos. Bennett,
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

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I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancier. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones. A. T. Sundell, - Paton, Iowa.

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40 DUROC-JERSEY BOARS. 40

SIBED by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, - KENNARD, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

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A CHOICE lot of Duroc Jersey fall boars for sale. A sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices. H. B. GRIFFITHS, BOWEN, ILL.

ALL OUR OHIO CHIEF PIGS

Reserved For Our Sale, October 15th. At which time we will offer a grand lot of herd headers. We will sell our herd boar Corn Cracker 14202. A. L. & U. S. G. LYNCH, MT. AYR, IOWA.

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others. W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd headers. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

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1ST prize aged Duroc boar and champion at Illinois 1st State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Ited cockerels for sale at reasonable prices. Write your wants. ED. A. BAXTER, PAWNEE, ILL.

OAK VIEW
DUROCS.

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale one two-year-old and one yearling sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. Address, J. COY ROACH, GIRARD, ILL.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On II 37331, Gen's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12845a, Choice Goods 22881, J. L. C. 38339, Buddy K. IV 20861, Indiana 20753, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32581, Queen's Pride 40793, Suburban Chief 21847, out of The Lad For Me 10733a, Denver 11689, J. B. J., Big I Am 23995. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 4234, and safe in pig. Write for prices. MCNEIL BROTHERS, BOWEN, ILL.

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ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, Arch Brown & Sons, Waterloo, Nebraska.

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WE will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address, Norrish & Bevington, Kingsley, Ia.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address, W. A. RANKIN, CARSON, IA.

ALFALFA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection; 11571; some tried sows bred to Royal Prince 41911, that raised good litters last spring and are due to farrow in September, and a few fall boars by Van's Perfection and Jumbo Chief 19893, for sale. F. ALLDRITT, FRIEND, NEBRASKA.

Nothing for Sale Now.

SOMETHING over two hundred pigs comprise this year's crop. They will be ready to go out after September 1st. Correspondence invited. Inspection desired. E. Z. RUSSELL, BLAIR, NEB.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once. F. A. STRONG, ORIENT, IA.

112 CHOICE DUROC JERSEYS 112.

SIBED by Duroc Challenger's Wonder S 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

WELCH'S POPULAR PRICED DUROC JERSEYS

I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, Ia.

SETTING SUN herd of Duroc Jerseys, 20 head of Feb. and March boars at prices that will sell them. Address, I. C. Welch, Bedford, Iowa.

DUROC JERSEY HOGS.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.
SHELDON BROS.,

A NEW FIRM.
BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.
WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We will closely ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. **FALL SALE OCTOBER 22, 1906.** Kindly mention Homestead when writing.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendine Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.
L. H. Bryan, R. R. I., Neponset, Ill.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springfield, Linn County, Iowa.

A FETTERED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimson S. Wonder), Lott's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.
W. J. WENDT, MARCUS, IOWA.

BARGAINS IN DUROC BRED SOWS

I HAVE several sows bred for September farrow. Two are two-year-olds and balance yearlings; in good condition, but not hog fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address.
F. A. HAM, SAKONVILLE, NEB.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others.
CHAS. VAN PATEN, SUTTON, NEB.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Judd's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.
W. J. East & Son, Chry Center, Neb.

Greene County Herd Duroc Jerseys.

OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantline, Quimby, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address.
A. B. Easter & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

Sired by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address.
J. W. Reynolds & Son, Defiance, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address
W. J. S. Taylor, Hameston, Iowa.

Public Sale of 150 Choice Breeding Cattle

IN THE NEW AMPHITHEATER,
HAMLINE, MINNESOTA,
DURING THE STATE FAIR,
SEPTEMBER 3 TO 8, 1906.

50 ANGUS WILL BE SOLD
TUESDAY, SEPTEMBER
4TH, AT 1 P. M.

50 HEREFORDS WILL BE
SOLD WEDNESDAY, SEP-
TEMBER 5TH, AT 1 P. M.

50 SHORT-HORNS WILL BE
SOLD THURSDAY, SEP-
TEMBER 6TH, AT 1 P. M.

For Catalog of Angus and Hereford Sales write W. C. McGavock, Springfield, Illinois. For Catalog of Short-horn Sale write B. O. Cowan, Assistant Secretary, 17 Exchange Avenue, Chicago, Illinois.

DUROC JERSEY HOGS

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding,
Macedonia, Ia.
PUBLIC SALE,
October 3, '06



At which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.

O. E. Osborn,
Weston, Ia.
PUBLIC SALE,
October 4, '06

At which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

Prairie Glen Herd of Duroc Jerseys

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 4337N, 15723A, he by J. J.'s Chief 12445A; first at Indiana state fair last year, a thousand pound hog, he by Winchester Chief 10077, he by Morton's King 78725, Tientsin 17281. Imp. Wonder 43861, A. L. Advance 43331, Odeboit Chief 35271, a son of Perfection Chief 425 hog, Pleasant Imp. Advance No. 44251, and other good sires; last but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17281 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable, quality best. Address,
P. S.: Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, RADCLIFFE, IA. TELEPHONE 88-3.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY - - - - - OSCEOLA, NEB.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.
I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address
W. D. PITTMAN, LAKE CITY, IOWA.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 25793, by Orion 5393; dam Rose Bud 50188 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109330 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,
GRANT WHITE, AFTON, IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.
HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 1.

Boars are sired by Double Track 42517, Sensation 7393, Big King 11057, Fashion Boy 33029, Advance Col. 42011, Roland 37255 and Red Express 35519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.
HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,
C. T. ROGERS, PETERSBURG, ILL.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sows of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains.
T. A. McMAHON, CRAIG, NEB.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's last, Golden Rule, Veribest and other noted boars. We breed the winners, Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.
WATT & FOUST, CEDARVILLE and XENIA, OHIO

WON many more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

IS a preparation easy to feed and this best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Congdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address,
THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

DUROC JERSEY HOGS.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big I Am and Hambletonian, the two 800 lb. boars assisted by Proud Advancer and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by Big I Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free livery. Fall sale Oct. 26, bred sow sale Jan. 30, 1907.
Manlove Bros. & J. H. Norris, Bowen, Ill.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.45.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Bent, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 18th.

JOHN M. MORRISON & SONS, NEBRASKA.

COLLEGE VIEW, NEBRASKA.

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. W. M. SUTTER, Liberty, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,
J. E. WEHR, PORTSMOUTH, IOWA

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.
F. M. ERSCHEN, Odell, Illinois.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my full sale October 20th.
HENRY G. WARREN, INLAND, NEB.

Minnesota's Prize Winning Duroc Jerseys

I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable.
Wm. Malcolm, Bigelow, Minn.

MAY & PORTER,

REMINGTON, IND.
MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Smith Brown's Duroc Jerseys

THE sons of the winners, 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,
SMITH BROWN, Waterloo, Neb.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.
Edmonds, Shade & Co., Kingsley, Ia.

Are You Looking for a Duroc Jersey Herd Boar? I have the Good Ones

Scarlet Wonder 46319, by Pericles, dam by the great Tolstoy. Carmine Wonder 46321 by Tolstoy. Also a boar Challenger's Last. These are good ones. Come and see them. W. W. Wheeler, Harlan, Ia.

E. E. ITTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and son of Duroc Challenger and Minerva C 2d head mv herd. Sows represent the blood of the Challengers, Glendine Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

CLOVER Blossom herd of Durocs. Herd headed by C. I. J.'s Chief 12455a, 45747n first in aged class at Ind. State Fair 1905. Col. Perfection 16135a, 4575n for sale. This herd will make a good fall yearling show. Write for prices. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,
A. E. POUCH, CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising males and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

GRANT HERD DUROC JERSEYS.

I AM now ready to book orders for delivery after September 1st. Carl Hausen, Herman, Neb.

POLAND CHINA HOGS.

HERD HEADED BY THREE GREAT
POLAND CHINA
HERD BOARS.

L'S Chief 34055, won first in aged class at Iowa State Fair in 1896, and grand sweepstakes over all breeds and classes by a unanimous vote of all exhibitors. He weighed 900 lbs. at two years old and 1,000 lbs. at three years. He is the greatest hog living today. **L's Tecumseh Again 51211**, the largest boned and the best all around son of the World's Fair hero, **L's Tecumseh 24999**. **J. H. Sanders' Best 43981**, the first choice get of the great show hog, **J. H. Sanders**, that won four first premiums, including sweepstakes, awarded at the Chicago World's Fair in 1893. **100 Top Spring Pigs** for sale at \$12 each, sired by the above herd boars. Catalog free. Reference—Montezuma Savings Bank.

REUBEN E. SANDERS,
Proprietor Full Moon Herd Poland Chinas,
R. F. D. 1, MONTEZUMA, IOWA.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE,
IOWA STATE COLLEGE, AMES, IOWA

30 Poland China Boars

Sired by **R'S KEEP ON 92219**,
IOWA CHIEF 82591,
WINNING PERFECTION 81555,
IMPERIAL PERFECTION.

THE home of the large, heavy-boned Poland Chinas. We are offering a splendid lot of boars for sale, and a few good sows sired by **R's Keep On** and **Iowa Chief**. If you want size and quality combined, come to us.

RUEHEL BROS., ROCKWELL CITY, IA.

CHOICE
POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by **H. G. Perfection**, he by **Chief Perfection 2d**, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, **Hammer 192071** for sale.

W. G. Griffith, McNabb, Ill.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as **King Do Do** by **Expansion** and **Longfellow** by **Johnson's Chief** (show hog). My sows are the prolific sort. Will price to sell. Write today. **H. S. Chapman, Pawnee City, Nebraska.**

45 ROYALLY BRED POLAND CHINA BOARS.

SHEED by **Robert J. 102627**, and **Keep Alert**, by the **great Prince Alert**, and by **Manager 102625**, one of the best sons of the noted **Medler**. These are **Al** boars **J. C. Hoag, - Manson, Ia.**

CLOVER LAWN POLANDS.

IF you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.
JOHN R. TRIGGS, DAWSON, NEB.

HAMAKER'S large, roomy Poland pigs sired by **Brilliant Chief** and **J's Chief**, by **Johnson's Chief**. Can sell pigs notakin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. **G. S. Hamaker, Pawnee City, Nebraska.**

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by **Shamrock 34571**, by **Perfect Perfection**, out of **G's Perfection** and **Perfection E. L. dams**. Also have pigs by **Perfection E. L. and G's Perfection**.
H. B. MOATS, VILLISCA, IOWA.

DORR'S POLAND CHINA BOARS.

115 SPRING pigs, 17 cracking good fall boars sired by **Dorr's Tecumseh**, **Keep On** and **Indiana King**. My prices are within reach of all.
HENRY DORR, REMSEN, IA.

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.
DR. H. PRITCHARD, - WISNER, NEB.

Poland China Boars

AT Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar **Superior Sunshine 92455**. Address,
T. A. DAVENPORT, BELMONT, IA.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by **Keep On Jr.**, a son of the great **Keep On** and one of the litters that won 2d at Des Moines; **Uncle Ned Thickett**, a son of the noted boar **Thickett**, and **Standard Tecumseh**. Can sell you anything you want. Write me.
W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.
T. W. WALKER, MAZON, ILL.

Hamilton's Royally Bred Polands.

Last sale averaged over \$50. My type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of **Chief Per. 2d**, **Impudence**, **Grand Chief**, **Moss Chief**, **Pawnee Chief**, etc. Will price worth the money.
L. W. Hamilton, Kearney, Neb.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by **Dude's Wonder** by **Nemo L's Dude**. These pigs are very choice. Also pigs by **Mogul**, 1st and sweepstakes boar of Nebraska, 05. Have several promising pigs that will be priced worth their value. **Whitlow Dude's Wonder** this fall.
Juo. J. Schmal, Sutton, Nebraska.

Combination Short-horn Cattle Sale

O'Neill, Neb., Sep. 7, 1906,

From the herds of

D. J. Cronin, O'Neill, Neb.; W. W. McLemore, Kearney, Neb.; A. J. Stonebraker, Royal, Neb.; D. L. Pond, Inman, Neb.

50 Head. 16 Bulls, 34 Cows and Heifers.

The cattle offered will be an excellent lot of good, useful Short-horns. The females, all of which are heifers excepting three, are very largely of the milking strains, while the bulls are as good a lot as have ever been offered in the West. There will be one aged bull and fifteen one and two-year-old bulls. The entire offering is a representative one and we extend a special invitation to farmers and breeders to attend. Sale begins at 10 a. m. during the fair. Write for catalog. Address,

T. C. Callahan, Auct., D. J. Cronin, Mgr., O'Neill, Neb.

POLAND CHINA HOGS.



30 FALL BOARS 40 SPRING BOARS.

Sired by **Matchless Perfection**, **Matchless Perfection Jr.**, the sweepstakes boar, **Medler Boy**, and **Correct I Know**. Write us at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are **Oakland's Prospect**, **Chief Enterprize** and **Nemo L's Ouklund**, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by **Impudence 97557**, **Medler 99999**, **Dakota Chief 2d 35977**, **R's Perfection 39012** out of **Nemo L's Dude**, **Tecumseh** and **Perfection** sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE, IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar **Monarch Jr. 37630**. Satisfaction guaranteed. Call or write.

F. H. LONG, MANNING, IOWA.

BRIDGFORD & NESBITT, ALEDO, ILLINOIS.

WE have 100 spring pigs, by **Fauntless Perfection Jr.**, and **Young Delight** of March and April farrow which we will price at reasonable figures. Also a few extra good fall boars; strong, vigorous, heavy-boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

40 Poland China Sows

AGED and tried sows, fall yearlings and spring gilts, all bred and sale in pig to **Chief Perfection 1st 48029**, **Challenger 81225** and **Prince Charming 93281** no greater trio of herd boars. These sows are grand, good ones, of the useful kind and are all up-to-date in breeding and at right prices. Bargains in choice late boars weighing about 160 pounds. Also Scotch Short-horn bulls from eight to eighteen months old.
J. L. Slick & Son, Lanark, Ill., on C., M. & St. P. R. R.

FOR SALE

THE great Poland China boar **O. R. Standard**, No. 87959. **O. R. Standard** is sired by **Mammoth Standard**, No. 62591, dam **Lady Lightfoot's Best 196008**. This boar weighs about 700 pounds; one of the prize winners at the Iowa State Fair in 1904. He has a large bone and walks around like a pig. We also have two good boar pigs for sale, sired by **O. R. Standard**, **March farrow**, dam **Hazel Perfection 95280**. For further particulars, address,

R. A. WILEY & SON, MALCOM, IA

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinsville, Illinois.

ESCHER'S BIG POLAND CHINAS.

I AM now ready to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar **Gay Monarch**.
E. F. Escher, Manning, Iowa.

Males and Gilts for Sale.

FALL males weigh 250 to 300, early spring pigs weigh 130 to 150, they are in good breeding condition and healthy. They are bred right and priced right. Farm sold. Write us. Will please our trade.
C. C. Drake & Son, Terra Haute, Ill.

MY herd of Poland Chinas are of the pig type. My herd boar, **Major Blain** by **Blain's Tec.**, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of **Johnson's Chief**, **King Do Do**, and **Blain's Tec.** Everything guaranteed a breeder.
Robt. J. Peckham, Pawnee City, Neb.

THREE good yearling Poland-China Boars for sale **Thickett's Best 109391**, length 54, heart 35, flank 58, bone 8 3/4 inches, weight 375. **Thickett's Improver**, length 63, heart 56, flank 53, bone 8 3/4 inches, weight 360. **Corrector's Best 109373**, a grandson of old **Corrector**. Address
W. W. WHEELER, - - - HARLAN, IA.

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SHORT-HORN CATTLE.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd leaders of the best of Scotch families by the imported **Princess Royal** bull, **Prince Odele 136399**. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, Iowa.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA, or LISCODIE, IOWA.

GEO. BONEWELL,
GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull **Victor Royal No. 218552**. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

WOODLAND

SHORT-HORNS

IMP. First in the Ring and Choice of the Ring bulls in service. Special inducements to buyers of females. Some choice young bulls for sale. Correspondence solicited. Address,

W. I. WOOD, Williamsport, Ohio.

CRUICKSHANK
BULLS

I HAVE a choice lot of young bulls for sale of the **Duchess of Gloster**, **Secret**, **Victoria** and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

4 Good Young Short-horn
Bulls For Sale.

Sired by **Victor Maple 203379** he by **Grand S Victor**, and out of cows that have four and five Scotch-tops. Will price them right. Address,

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BARON FOXGLOVE

FOR SALE.

I WILL sell at a bargain the superb 2-year-old Scotch herd bull **Baron Foxglove**, sired by **Imp. Fancy's Pride**. Dam **Cherry Foxglove**. He is very smooth and in thin breeding form weighs 1,500 lbs. He is of the **Cruickshank Brawith** blood family.

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BARGAIN in Short-horn cows and heifers with calves at side by **D. S. P. Durham** bull. Few P. D. Heifers 12 to 15 mo.; cheap; will be bred to one of the best P. D. bulls in the United States. Choice Poland China boars. Two miles northeast of city, **Jersey Ridge Road**. P. S. & S. Barr, Box H, R. R. 4, Davenport, Iowa.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by **Imp. Fashion Favorite 14850** and out of **Imp. Augusta Bruce**, a grand good bull, a herd header. Write me quick.
J. D. McDERMOTT, - ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull **Archer 200427** by **Imp. Golden Archer**, dam **Imp. May Blossom** by **Prince of Archers**. Also some young stock.
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Scotch and Scotch-topped Short-horn Bulls

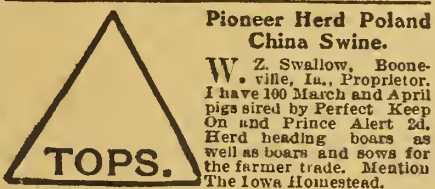
TWO sired by the International champion, **Nonpareil King**. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,
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PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, **Per. Prince 93075** by **Chief Per. 2d 42599**, litter brother to **Per. E. H. 95201**, won 1st, Des Moines, 1905. Young stock; prices reasonable. **J. T. Judge, Carroll, Iowa**

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. **Jordon & Dunn, Central City, Ia.** **Maine Valley Stock Farm.**



Pioneer Herd Poland China Swine.

W. Z. Swallow, Booneville, Ia., Proprietor. I have 100 March and April pigs sired by **Perfect Keep On** and **Prince Alert 2d**. Herd heading boars as well as boars and sows for the farmer trade. Mention **The Iowa Homestead**.

FOR SALE.

30 CHOICE fall Poland China boars sired by **King Perfection 89209** and **Model Perfection 94199** with good bone and length. Prices \$20 and \$25.
GEORGE REGENNITTER, BENNETT, IOWA.

LARGE Growthy Polands. I have the hog that is a hog. If you want sized bone, feet and finish, I have it. **Logan B** by **Logan Chief** is the sire of some choice herd headers. **King Do Do Jr.**, by **King Do Do by Expansion** is also sire in use. Pigs will please you. Write me before placing your order. **J. T. Elerbeck, Beatrice, Neb.**

SHORT-HORN CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by **Secret Knight**, he by the \$1,000 **Idle Knight X1374-189582**. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won fifty prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including twenty-one firsts and ten sweepstakes.
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SCOTCH bulls at reasonable prices. **Wimple Royal S 241490**, heads the herd. Would exchange him for a suitable bull to head herd. Address,
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NEBRASKA'S GREAT THREE-DAY SALE

IN THE NEW SALE PAVILION

Wisner, Nebraska, September 20-21-22, 1906

Short-horns, Herefords, Poland Chinas

The Greatest Three-Day Sale Ever Held In Nebraska.

50 Head Short-horn Cattle 50

Thursday, Sept. 20th.

From the Herds of

S. S. Hall, Pender, Neb.
J. O'Kane, Bancroft, Neb.
Theo. H. Serck, Pender, Neb.
J. R. Mansfield & Son, Wisner, Neb.

14 BULLS. 36 COWS AND HEIFERS.

MR. S. S. HALL, of "Hall's Haven" Stock Farm, Pender, Neb., will sell 30 head; all of which are females, except one young bull. These cows are the large, table-backed kind, with lots of scale and are good individuals. A great many will have calf at foot by Oliver Gloster, and nearly all will be bred back to his present Scotch bull, Morning Star 43730.

THEO. H. SERCK sells 11 head; 4 bulls, including his great breeding bull, Merry Lad 160921, by Imp. Merry Hampton, out of a daughter of Lavender Lad; 7 females, some of which will have calf at foot by Merry Lad.

J. R. MANSFIELD & SONS will sell 8 splendid young bulls, all sired by the noted Nonpareil King.

J. O'KANE sells one good yearling bull.

CATALOG now ready. Address any of the above breeders, or

Col. Geo. P. Bel-lows, Auctioneer. S. S. Hall, Mgr., PENDER, NEB.

40 Head Hereford Cattle 40

Friday, Sept. 21st.

From the Herd of

J. G. Von Seggern, Wisner, Neb.

THE blood of the Grove 3d, Anxiety 4th, Hesiod 29th, Lamplighter, Anxiety, Monarch and other great bulls represented.

13 BULLS. 27 COWS AND HEIFERS.

THERE will be sons and daughters of the great bull Columbus 25th 100912, considered the greatest son of old Columbus, in the sale. Twelve cows in the sale will be bred to him, and eight cows will have calf at foot by him.

A LARGE per cent of the offering will be grandsons and granddaughters of the great bull Lamplighter and Hesiod 29th and will be one of the most representative lots ever sold in the West.

THE BULLS range in age from 8 to 34 months and are a representative lot, and are bred along the most popular lines.

THE COWS AND HEIFERS are as good as has ever been sold in the West. All females old enough will have calf at foot or will be bred and well along in calf.

WRITE for catalog and come to the sale

Col. Geo. P. Bel-lows, Auctioneer. J. G. Von Seggern, WISNER, NEB.

50 Head Poland Chinas 50

Saturday, Sept. 22d.

From the Herd of

Dr. H. Pritchard, Wisner, Neb.

THE HOME of the large, heavy boned Poland Chinas, combining size and quality.

20 YEARLING SOWS, 15 FALL GILTS.

15 FALL BOARS.

BIG TOM 2D 76069 My 1,000 pound herd boar.

WISNER CHIEF 76067 One of the best sons of Chief Tecumseh 3d.

PERFECTION KEEP ON 112113 One of the best sons of T. R.'s Perfection.

It is size and quality you want, then come to my sale. You will see as good a bunch of boars and sows as has ever been sold in the West. Catalog now ready.

Address,

Col. Geo. P. Bel-lows, Auctioneer. Dr. H. Pritchard, WISNER, NEB.

Drafts from the above herds will be on exhibition at the Wisner Live Stock Show, Wisner, Neb., Sept. 12-14.

(PLEASE MENTION THE IOWA HOMESTEAD WHEN WRITING FOR CATALOG.)

SHORT-HORN CATTLE.

Bargains in Short-horn Bulls.

WE CALL ATTENTION, to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

BLUFFVIEW SHORT-HORNS

TWO straight Scotch bulls for sale; one four years old, by Imp. Red Light out of an imported cow. The other will be one year old in August, a Brawith Bud. The Bluffview herd is now headed by Secret Viscount 212705, one of the best herd Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Scotch Bulls

Got by Imp. Mutineer 172547

A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 167th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

A. C. BERRY, UNIONVILLE, MO.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Scott 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Monrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to breed Sittytown Scott heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

Wildwood Short - Horns

ALL REDS AND DEHORND

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

G. It. George, Monticello, Ia., breeder of Scotch horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

When writing please mention this paper.

SHORT-HORN CATTLE.

CRESCENT STOCK FARM

NOW offers ten Short-horn bulls from eight to fifteen months old, Scotch and Scotch topped. Also twenty females, good useful cows and heifers. Inspection invited and reasonable prices on one or a carload.

A. L. STUTZMAN, NEW SHARON, IA.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE THE STANDARD." LYNDALD SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndald head Short-horn herd. Females are Victoria, Secrets, Butterfys, Lavenders, also a few Young Marys and Rose of Sharous. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

Visitors always welcome.

A. F. GRAVES, KING CITY, MO.

EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. S. Prince Odeic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

N. P. HALGREN, VINTON, BENTON CO., IOWA.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

HENRY MATERN, - - - - - LOSTANT, ILL.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, - - - - - Fairfax, Ia.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missile with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

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Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEENSBURG, - - - - - ILL.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

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SHORT-HORN CATTLE.

WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov-at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address,

Flynn Farm Co., R. R. 5, Des Moines, Ia.

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one tippy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call

F. H. WIENEKE, - - - - - Marion, Iowa.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 206904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd headed by a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

A 3 OVER 1 YEAR OLD 1 SCOTCH BULL 3 SCOTCH-TOPPED.

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VOL. LI. NO. 36.

DES MOINES, IOWA, SEPTEMBER 6, 1906.

WHOLE NO. 2564

THE DISGRUNTLED EXHIBITOR.

We are in the midst of the state fair season, and possibly the matter of state fairs is in the minds of the farmers of the central West more than any other subject. Important as fairs are to the visitor, they are of even greater importance to the individual exhibitor. Many a man puts a lifetime of service into the breeding of animals in order to gratify an ambition to "win" at some of the big expositions. Incidentally, of course, there is usually profit and pleasure in building up the business, but the great ambition is to come out on top.

The man who has been exhibiting at fairs for years has learned by experience that it never pays to kick, though there never was a large exposition held without bringing a great many "sore-heads" to light. It must be frankly acknowledged, however, that great improvement has been made in this regard over former times. Whether this is due to the fact that judges are more honest than they were formerly or that exhibitors have learned better how to take their medicine, we do not know; but the improvement that has been made along this line is desirable and the thing hoped for most is that the day will soon be here when only judges will be employed who are so capable and so honest that every man in the classes will accept the decisions with grace.

It is a great honor to be able to breed and fit any animal that will win at any of the state fairs of the corn belt, but it is a greater honor, in our opinion, to establish a reputation of being an impartial judge. We have many men in the central West who have established just such a reputation. Their nearest friends get no more at their hands in the showing than do strangers, merit in the animals before them being the only factor considered. We have men who are not even influenced by blood lines, but deal out the ribbons impartially to those who own plainly bred stuff and to those who have the fancy breeding.

In view of these facts, we think that the day has come when exhibitors themselves should learn the art of accepting gracefully the awards as placed by the honest judge. In most cases no loud protest is made, but in his heart the exhibitor in many cases feels resentment toward the man who turns him down, and there are few who feel this resentment without expressing it in some way or other. Of course the day when the exhibitor knocks the ribbon out of the clerk's hand has passed, though we have seen that spectacle more than once. What we need now is that all men down the line shall submit to the judge's decision. It is doubtful if any two men see merit exactly alike, and the owner of an animal should always make some allowance for this difference. He is rarely able to comprehend all the defects of his own animal and to see all the perfections of the other fellow's. We have seen men sore when their animals were almost perfection in form and quality, but fell below the money line on account of lack of scale. We have seen others who had the scale without sufficient finish and yet the owner was unable to realize the importance of combining the two in order to win. The very large animal does not necessarily win, nor does the small, tidy one. It is the medium-sized animal that combines in a high degree sufficient size with abundance of quality, together with a high form of finish, due to skilful fitting, that usually wins out.

There are notable examples of prom-

inent showmen in the central West who come up smiling no matter by whom they are defeated. These men, without a single exception, stand high in the esteem of their fellows. They receive encouragement in their defeat and congratulations when they succeed, and it is this type of men that the young exhibitor should emulate.

There might be instances where the temptation to kick or protest is beyond the power of a human to endure, and while instances of this kind may be found today, it is a matter of great satisfaction to those who follow the live stock business to know that there is less reason for resentment on the part of the exhibitor today than ever before. We take the stand that it is better under all circumstances to accept gracefully the decision of the judges, no matter how difficult its acceptance may prove to be.

CAUSE OF THUMPS AND REMEDY.

A number of inquiries have recently been received from subscribers relating to a trouble that is exceedingly common among young pigs; namely, thumps. Instead of having these inquiries answered, one by one, in the veterinary column, as has been the case during the last few weeks, we hereby quote from a letter written by one of our subscribers:

For some time I have wanted to make some inquiries through the columns of your paper regarding thumps in young pigs. My experience for the past two years is as follows: In the spring of 1905 I fed my brood sows, before farrowing, kitchen slop and corn only and same after farrowing. With this care the sows did not care for the little pigs and in some cases they even would kill them. After the little pigs began to eat, all they got was corn, this being soaked. With that kind of feed I never knew what thumps were. Timothy and clover pasture was always at hand, the sows and pigs having free access to it. Last year the young pigs did not gain as fast as this year.

Now, this year I fed as follows: Before farrowing time I fed my sows equal parts of oats and corn ground together, with salt and ashes mixed in the slop. Then after farrowing they got one-third oats, two-thirds corn, ground, and in thick slop same as before farrowing. This resulted in all the sows owning pigs and making good mothers, with plenty of milk for the little fellows. Then as soon as the pigs began to eat, I made a little pen for them to get into and fed them thick slop of corn and oats ground

in equal parts for morning and noon and corn and barley for night, ground and fed in the same way. Aside from this, they have had shorts, oil cake, stock food, ashes and salt and plenty of lime water of amounts not quite as much as they will eat. They also ran on green stuff at large in the pasture and fields and everywhere.

Now, the question is this, are thumps hereditary or contagious, or neither? Last year I bred from a scrub boar with no paper attached. This year I used a thoroughbred Poland China boar I bought of a neighbor and of the litter of pigs of which my boar was one, one of the pigs died of thumps when about four weeks old. My aim this year was to raise the best hogs I could in the shortest time, with the greatest gain possible, and to do this I have fed a well-balanced ration which is so often spoken of in this paper. I have lost two thumpy pigs and now there are five or six thumpy ones. These are not of the largest pigs, but are about medium size. They generally survive on careful treatment, as directed by you, but why do they get the thumps? They do not get half as much corn as last year. If you can advise me in any way as to feeding my pigs I would be grateful for such advice.

This inquiry was submitted to our veterinarian, Dr. A. S. Alexander, who replies as follows:

We claim and always have held that the tendency to "thumps" is hereditary and that apparently it is induced in susceptible pigs by lack of exercise or any cause leading to derangement of the digestive organs or system. We never saw or heard of a case of thumps in a razor back, rustling, rooting, scrub pig and that sort, too, is less liable to many other ailments to which the modern, pampered, plethoric pig seemingly is heir. Stuffing hogs of all ages on corn in excess of other necessary hone, blood and tissue builders undoubtedly induces such diseases as thumps, but often the effects of such feeding are offset by exercise and green feed, together with the fact that some litters are born into the world especially robust in constitution. In the case where corn feeding did not seem to cause thumps there was plenty of timothy and clover pasture. When the feed was changed the pen was used, but the pigs again had plenty of exercise, so that it is difficult to explain why they suffered from thumps unless it be that they were too richly fed on easily assimilated food and were sired by a boar inheriting the tendency to weakness such as thumps. It seems from the history of the boar that he may have inherited a special tendency to thumps, but if he escaped that trouble himself it is scarcely probable that he would transmit the tendency to his progeny. Under the circumstances we incline to the opinion that the pigs have developed thumps as a result of some irritating cause, such as intestinal worms, which have been absent in the pigs of the previous season. It is known that worms often lead to debility of the system, inducing thumps, and this may be the case with the pigs of our correspondent.

He should kill one of the worst affected, make an examination, and if worms are found treat for their destruction according to directions so often given in our veterinary department.

On general principles, however, thumps is to be prevented by allowing plenty of outdoor exercise, feeding a balanced ration and avoiding any cause of constitutional derangement or degeneracy. Its prevalence indicates the need of fresh blood in the breeding herd, an out-cross, unless the hogs are pure-bred and abandoning the corn-stuffing methods of feeding.

WHERE TO PUT MANURE IN THE FALL.

In spite of the natural advantage of applying manure to land during winter or in the spring it always happens that some farmers can never find the time to haul the manure out until September or October. We know good farmers this year who are in exactly this predicament, and the problem as to where to put it presents itself during the next few weeks.

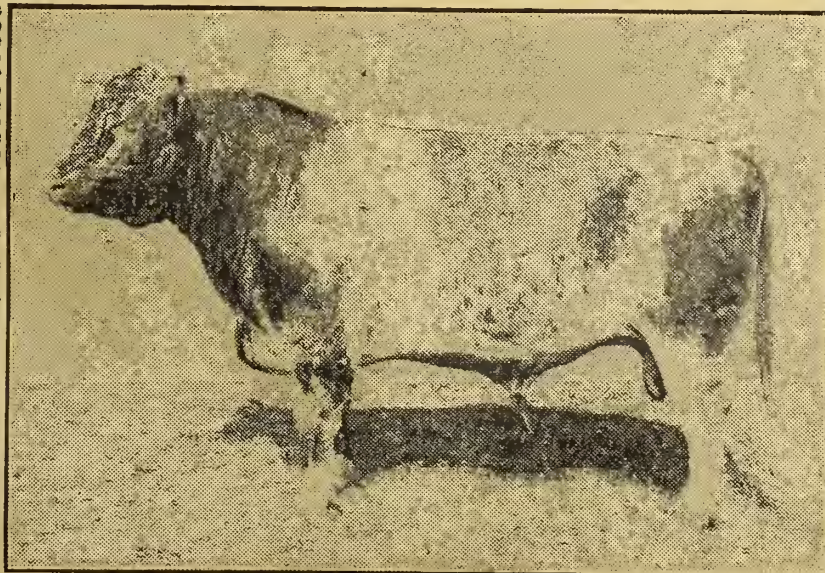
We have always claimed that the ideal place to put manure where one is rotating his crops is on the meadows and pastures. This is particularly true during the winter and in the spring. Even now, an application to the pastures or meadows will improve them wonderfully next year and will not hurt them in the least this year for pasture purposes.

The stubble fields, however, usually get the application this time of year, and we believe that the plan of applying it there is a fairly good one. If the manure is long and strawy it should be applied before the soil is plowed, because in that case it will give no trouble next spring when one puts on the cultivators. However, there are a number of instances in the central West where the cockleburrs are now coming on at a rapid rate, and if time is taken to apply the manure before the ground is plowed the probability is that many of the burs will ripen their seed. In a case like this, we believe that it is an excellent plan to put in the plows and let the manure wait to be applied later to the plowed land. This is by no means a shiftless practice, especially if the manure is somewhat short, because the implement will work it into the surface soil next spring.

As a general proposition it is usually advisable to keep manure near the surface, because the tendency is to leach beyond plant roots. By placing it on the surface and thoroughly stirring it into the soil next spring its full value is utilized by the crop. In other words, one does not have to wait a year or two for its effect to be felt, such as is sometimes the case where long manure is plowed under deeply.

A few loads of manure in the orchard will do good. We do not mean that it should be placed around trunks of trees, but, rather, scattered in a circle under the branches. This affords root protection and it will supply root fertility next year at a time when the tree needs it.

Some inquiries have been received asking information about applying manure to such crops as alfalfa and winter wheat, the idea in this case being to protect these crops against freezing and thawing. In reply to these, we would say that where a manure spreader is available so that light application may be made, it is entirely practicable to put on seven or eight loads per acre. This application will benefit either crop and will not smother out the plants. However, the practice of putting on a heavy application with a fork we do not advocate, because a number of instances have been brought to our attention where a considerable percentage of the



Whitehall-Marshall, Sweepstakes Short-horn Bull, Iowa State Fair.

crop was smothered out by the manure where it was put on in large chunks, as it were. Then again, light manure will sometimes blow during the winter when the ground is bare, and in that case where it piles up the crop is sure to be killed out.

THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

PLOWING CONTESTS.

We doubt if more than one farmer out of ten who lives in the corn belt has ever attended what is known as a plowing contest, and we therefore rise to explain that it is simply a contest between plowmen, the object being to see who can plow a land most skillfully.

In older countries plowing matches are exceedingly common, and these have done much to instill the correct principles of soil cultivation into the growing boys and young men. We say the correct principles of soil cultivation because good plowing is the basis of a good seed bed.

A short time ago one of these contests was held on a farm in Warren county, Iowa, and there were present thousands of farmers from the surrounding country. Most of the contestants used riding plows, the trial being made in stubble land, though as a general thing part of the plowing is done in sod and part in the stubble. These matches or contests have been held in the county referred to above during the last four or five years, and already their effect is noticeable. The young men take greater pride in their work than formerly, and the friendly rivalry that is shown on the day of these contests stimulates all to do their very best work. The value of such contests to a community is apparent by the better quality of the plowing done every day on the farm.

There are men in every county in the central West who are natural leaders. Such individuals are called upon to organize institutes, help along the county fairs, introduce corn contests, etc. To these we would like to suggest that a plowing match would do as much for the agriculture of a county as either an institute, a corn contest or anything of the kind. Each is important, of course, in its own way, but, as said before, the plowing contest is as important as any other one thing.

One has only to examine the plowed fields as he travels through the country to note that there is room for marked improvement in the character of the work. Generally the ridge or "feering" is much too high, this being due to the fact that the first two furrows are plowed practically as deep as the remainder. There is no advantage in this, but on the other hand considerable disadvantage. A high ridge usually means that the crop will be short and light along that strip. This ridge also constitutes an impediment, over which the binder must be trailed every time one crosses the field. By starting in two or three inches lighter than one intends to plow it is not a difficult matter to keep the ridge down so that it is practically level with the rest of the plowing. The third and fourth furrow may be a little deeper and the fifth and sixth usually may be the full depth desired.

Good plowing should be of uniform depth and width, and we never saw a good plowman who did not hold a straight furrow. Only in this way is it possible to finish up the land without having short furrows or depressions due

The Iowa State Fair brought a larger number of visitors to The Homestead's pavilion on the fair grounds and to The Homestead office last week than it has been our pleasure to greet on any previous occasion. They came so fast at times that it was impossible for the members of our staff who constituted the reception committee to meet them all; and some of the hundreds of visitors to the Homestead plant were obliged to make the rounds of the office unattended. All, however, were most welcome, and we trust that as they passed through the establishment, they felt that they were in the house of their friends. A modern publishing plant employs, even in its dull seasons, a small army of workers, and their work is strenuous and absorbing, so that only those who are detailed for the purpose can accord visitors the attention which The Homestead always desires to extend to its subscribers and advertisers when they come to see it. If any were, in the hurry of a busy fair week, overlooked, we trust they will accept the will for the deed and come again.

If cheerful faces, a general expression of contentment and happiness and a hopeful attitude toward the world generally are indications of prosperity, The Homestead's eighty thousand subscribers must belong to the ranks of those whose material welfare is above the average. Well-dressed, generous in their expenditures, keenly interested in the best of the live stock and machinery exhibits and in everything tending toward progress, the farmers and their wives and children who visited The Homestead during the fair were, as someone well remarked of the crowds generally, "the best exhibit" of the great exposition. The social graces are manifest in their bearing and demeanor, and their intercourse with one another and the public. It is pleasant to note the respectful and wholly admirable attitude of husbands and wives toward each other, of children toward their parents and friend toward friend. The country is no longer new, and the amenities of an old settled community are more and more in evidence everywhere.

The friendship of the people of Iowa and the middle West for The Homestead was shown in a thousand ways during the fair. Expressions of appreciation of its editorial and business policies; gratitude for its helpfulness in solving the problems of the farm home; statements of actual saving accomplished by following its advice in practical affairs; in-

to cutting either wide or narrow furrows. No man who plows listlessly will ever raise maximum crops.

In these days when plows are made well-nigh perfect, insofar as it takes the burden from the man and puts it on the beast, it should not be too much to expect the boys and men to keep themselves wide awake when on a sulky plow. Start in evenly at the ends so that when you are through with the field you have a uniform headland to plow. Pay some little attention to the manner in which the horses walk, so that the furrow will be kept straight. It is not too much to ask any man to plow day after day without ever letting a crook get into a furrow.

During the last few years much attention has been given to the improvement of seeds, and seemingly the matter of cultivating has been neglected. This should be turned to at once and interest should be revived in the subject, because it is not difficult to find instances where sensible cultivation would have increased the yield 25 or in some instances 50 per cent.

FARMERS NEED HELP IN THE FAR WEST.

The grape growers of the San Joaquin Valley, California, alarmed at the outlook for the harvest season, have appointed committees to canvass all available fields of labor. There are 350,000 tons of grapes to be gathered, and, by piece work at the wages offered, good workers can earn from \$2.25 to \$3.50 per day. The beet crops along the coast

quiries after the health of individual members of its staff or contributors; personal greetings of its representatives wherever they were met, were among the proofs of a generous clientele's attitude toward their favorite farm paper. "I always know where to find the good, old Homestead," said one. "It is always on the right side as it sees it, and it generally has the common sense and judgment to tell which side is right. It never 'slops over;' never runs after fads; avoids ill-adjudged extremes and hews to the line. Even when I do not fully agree with it—though I generally do in the main—I respect its honesty and admire its fairness in dealing with friend and foe, and its disposition to avoid the wrangles with competitors which mar the pages of so many papers, especially our dailies."

The Iowa Homestead heads the list of farm papers used by Henry Field, the well-known seedsman of Shenandoah, Iowa, leading all others in the number of inquiries received through its advertising and in the volume of cash orders, and being the lowest in percentage of cost relatively to the volume of sales. Mr. Field invested \$275 in Homestead advertising during the last season. The result was 1,077 inquiries and 574 sales, amounting to \$2,581. The highest number of inquiries from any other paper published in Iowa was 413, resulting in 188 sales, amounting to \$1,128.48—less than half as much as The Homestead results. A breeders' paper of national reputation and circulation produced only 508 inquiries, resulting in 171 sales, to the amount of \$920.43, at an expense of \$285.20 to the advertiser. The Homestead is now admitted to be the foremost weekly agricultural advertising medium in the world.

The live stock advertiser is as well pleased with Homestead results as the seedsman, the dealer in lands and other commercial advertisers. "The Homestead's advertising and a timely field note have sold my herd boar and all the big Poland Chinas," writes Mr. W. W. Wheeler, of Harlan, Iowa, in a recent letter. Such statements come to us by scores. They account for the steadily maintained and growing volume of live stock advertising in this paper. The Homestead reaches the best farmers (and the largest number of them) in the richest and most progressive agricultural and live stock region in the world, and therefore has in the highest degree all the elements of a strong medium for advertising pure-bred live stock.

Although, other things being equal, the users of large advertising spaces get the best results, wonderful results are received from many of the small advertisements of The Homestead, especially from standing cards, which remain in the paper all the year round. Mr. L. A. Smith, of Granger, Mo., proprietor of the State Line Fox-hound Kennels, sends us \$7.50 in payment for a small advertisement, and adds: "It was a little ad, but has paid remarkably well. I have sold \$500 worth of dogs from this brief announcement. The Homestead sells more than all other papers put together. You may continue my advertisement till January 1, 1907." One reason why the small advertiser is well pleased with The Homestead is that we are just as careful to give good service to the user of small space as to the advertiser whose business amounts to hundreds of dollars. We appreciate all of our advertising patrons.

The best advertising mediums often have to lose money temporarily because of their very effectiveness. They clean up all the animals or birds a breeder has for sale, and the advertising is stopped; while a neighboring stockman or fancier who uses a medium of smaller circulation, sells out more slowly and keeps his advertisement running. The Homestead, however, never sheds any tears over a defeat of that kind. In the long run, the paper which sells the goods secures the largest advertising business. So, when an advertiser such as Mr. F. E. Garrett, of Lohrville, Iowa, writes that The Homestead has sold all his chickens, and orders his advertising discontinued, we are more than pleased. By the way, Mr. Garrett reports the sale of forty-eight chickens to one man through his Homestead advertisement.

A recent letter from that fine manufacturing concern, the Litchfield Mfg. Co., of Waterloo, Iowa, is highly appreciated as illustrating good advertising results with special farm machinery, such as manure spreaders, feed grinders, corn shellers, wagon endgates and other specialties. "We appreciate very much the good service you are giving us in connection with our advertising in The Homestead," writes the Litchfield Mfg. Co. "It is proving very profitable and satisfactory to us." If necessary to prove the advertising value of The Homestead, we could furnish hundreds of equally strong commendations; but to old advertisers in our columns, this is unnecessary.

line in the southern part of the state are extraordinarily heavy this year, and the labor is most inadequate. Santa Clara Valley reports a prune crop this year twice as heavy as last. The greatly increased demand for timber, both from the east and locally, has caused the mills to run night and day, and has greatly increased the demand for mill men.

The conditions in the city of San Francisco are far from being comfortable. There are numerous instances of subcontractors in the building trades having to throw up their contracts because they cannot secure enough men. The

Building Trades Council has sent out reports that there is a great shortage of men in the city. There is a demand for approximately 20,000 houses to be built in San Francisco. The artisans to do the work are not now to be had. It is estimated that \$500,000,000 will be spent within the next five years in rebuilding San Francisco. This work is even now, in the least advanced stage, being delayed on account of the lack of labor. Fifteen thousand more laborers can find ready employment in the city at once. It is a great opening for ambitious and active young artisans.

JONES HE PAYS THE FREIGHT



A 5 ton 14 X 8 steel lever
tare beam Wagon Scale for \$40

ALL SCALES SOLD ON TRIAL
For full description of our 40 dollar scales as well as
others with and without pit write

JONES OF BINGHAMTON

BOX NO. 378 B.

BINGHAMTON, N.Y.

Farm Furrows

Turned by a Practical Farmer.

A man who knows whispered to me that the wife of a henpecked man is no spring chicken.

Winter wheat in central Iowa is panning out well. I have heard of many yields above forty bushels per acre.

The farm that is without good well water for the family and stock is worse off than the farm that has too much water in the fields.

Fifteen years ago there was not an exhibition at the Iowa State Fair a manure spreader, a road working machine or a farm telephone.

Buying a spring chicken in the market these days without weighing it is like buying ready made spectacles. You don't know what you are getting.

Blue grass is far better than weeds in the roadside, and I am not sure but what timothy is still better. The latter can be made into hay and thus be worth something.

Some people seem to regard it a pleasant surgical operation to "eat their heads off," and they feel that it is not expensive to keep stock that will do that same thing.

The traction engine, together with its load, can be said to be the farmer's automobile. Note the difference of management while on the highway. When a thrashing outfit meets a team that appears to be frightened, the men stop and assist the team to get by and they do all they can to prevent trouble. An auto driver goes at a break-neck speed and cares but little about how teams

get along or what damage may be done to the occupants of vehicles.

When a man has to patch up his broken buggy, doctor a wounded horse and call a doctor to treat his wife all because of an automobile accident, he has a right to dislike the auto hog.

A wheat drill with a fertilizer carries with it a suggestion that should be talking to its owner to keep up the fertility of the soil. Winter wheat followed with clover means keeping up the fertility.

The chicken business now seems to be the leading business for profit if the manager understands it. Prices were never better for all kinds of poultry than now. In some places they are almost prohibitive.

Did you ever stop to think that if all men were sharp there would be no sale for gold bricks? If all men could successfully launch some scheme there would be no biters, no schemers and no get-rich-quick schemes.

Here and now I desire to state that I know it pays to prepare the wheat ground well. It is most difficult to over-prepare ground for winter wheat. Doing too much work on the surface is next to an impossibility.

The merchant believes in no tick. The sheep man has said "no tick for me." The cattle man in the southwest says "no tick." The jeweler says of the poor watch "no tick." In view of this the tick is certainly having a hard time.

Oats in some localities seem to be heavy. In one instance a measured load of seventy-two bushels weighed out almost 100 bushels in the market. There could be nothing wrong with the scales, as they are not usually wrong in that way.

An Oklahoma farmer has applied for more cobs. He wants a large number of them. He has discovered that there is not room enough on the cobs of his growing corn for the corn, and he is going to supply cobs for the corn to run out on.

It is said that a man has invented some scheme whereby the art of rubbering can be prevented in the party-line telephones. This will be a great help to the efficiency of this very necessary convenience. What will become of the neighborhood gossip?

When a man is busy the weeks go by rapidly and a week is as a day. It appears that a man has no more than finished one important job until another is on hand and a month has elapsed. The man who is not busy has time dragging on his hands.

It may not be possible to incorporate the absolutely ten-hour system on the farm, but it can be approached. There is more to a farm life than that of making money and saving time, even at the expense of arduous labor and excessive application of it.

It is far better to let a neighbor tell of your good qualities than it is for you to proclaim them from the roadside. Keep the fields and crops looking well and your neighbors will do the rest, and if you rest too much they will have a bad name for you.

It is a most difficult thing to interest a man in the alfalfa business by showing him illustrations of plans and in writing articles about its production. The best way is to show him the plants growing. He should see the whole process—seeing is believing.

If the plowman in these furrows occasionally engages in the "cut and cover" business it is no reason you should neglect your plowing. He plows every week of the year—you do not. It is a good plan to plow many furrows out of your brow and cultivate some ideas so that labor of the hands may be made lighter thereby.

There was on exhibition at one of the state fairs, farm electric light plants, consisting of gasoline engine and dynamo, and it is stated that a plant costs but very little to install. This will permit the very best of lights where farmers desire to have them. So far as I am concerned, I am tired of the everlasting smell and bother with kerosene, to say nothing of the danger. The gasoline en-



Harvest 100 Per Cent of Your Corn Crop

Don't go over your field and snap or husk the ears and leave the stalks standing because you will waste 40 per cent of your crop that way.

Get a good reliable corn harvester and binder or harvester and shocker and go over the field just at the right time, cutting the whole crop and thereby securing the full 100 per cent of its feeding value.

That's the only way you can get all the profits you deserve because at the time of maturity the feeding value of the crop is almost equally divided between the ears and the fodder—60 per cent is in the ears, and 40 per cent is in the stalks, leaves and husks.

Government Experiment Stations have been pointing this out to farmers time and time again in their bulletins, and other high authorities have been preaching and teaching it for years. As a result, a lot of farmers have doubled their profit on corn. How about you?

It has been proved by practical experience and chemical analysis that fodder, when cut at the right time, properly cured and then run through the shredder, has a feeding value about equal to good timothy hay.

High authorities place the value of such stover at \$8.00 a ton. An average stand will yield at least two tons of stover, which will mean \$16.00 an acre extra to you over the old practice of husking or snapping in the field.

Understand, you don't have to find a market for your shredded fodder to make the extra profit—you can sell

your hay and feed the stover. The hay crop for 1906 is very light, and the demand for roughage is going to be greater than the supply in many localities—therefore you can readily sell all of your hay at a good price, and feed your stock shredded fodder which is as good as hay.

Can you afford to lose that \$16.00 worth of feed to every acre and gather only 60 per cent of your crop when hundreds of other corn growers are getting it all—cutting a 100 per cent crop, by using a binder or shocker?

Don't expect to get this stover value unless you use the binder or the shocker at the right time—when the ears begin to glaze. The stalks that are left standing in the field after the corn has reached maturity decrease rapidly in feeding value, and the wind and frost and sun soon reduce them to little more than woody fibre.

Take a lesson from the dairyman who makes ensilage. He considers the binder a necessity. You will, too, if you apply the same business principles to your corn crop as you do to your other operations.

When the stalks are once cut and cured, they lose none of their palatable and nutritious food elements. Then, sometime in the fall or winter, whenever most convenient, you can run the crop through the husker and shredder.

Start to investigate now. You haven't much more time in which to get ready. Don't put it off. Get that extra 40 per cent this year.

YOU HAVE A CHOICE OF

Milwaukee, Osborne, McCormick, Deering and Champion Corn Binders; McCormick, Plano and Deering Huskers and Shredders.

In each of these machines you have all the advantages made possible by the unequalled manufacturing facilities of the International Harvester Company.

The International Harvester Company owns its own timber lands and saw mills, its own iron and coal mines, its own coke plants and rolling mills, from which it produces a large percentage of all raw materials used, selecting in every instance only the best material and working it out in the best way in the above great manufacturing plants. These are advantages which no buyer can afford to overlook.

The International lines are represented by different dealers in your town. Call on them for catalogues and investigate these machines.

International Harvester Company of America, Chicago, Ill.
(INCORPORATED)



Save \$25.00 On FUEL this Winter

\$25.00 is the wages of one man for 30 days. It is 5 per cent interest on \$500.00 for one year. You can save this amount this winter, and every winter that your home is heated with a Cole's Hot Blast Stove.

The big expense in heating your house is the fuel, not the first cost of the stove. You are wasting DOLLARS in high priced hard coal through leaky joints and poor radiating surfaces. You also waste HALF the Gas Half, the best heating half of soft coal, by imperfect combustion.

Cole's Hot Blast Stove holds fire over night with any kind of fuel, even corn cobs, chips, roots and waste material. You always have warm rooms in the morning in which to dress the children and eat breakfast without building a new fire. Our Free Booklet on Scientific Combustion explains fully. Send postal for it today. Tells you all about the nature of soft coal, hard coal and other fuel, and why

Cole's Hot Blast Stove

saves all heat and fuel wasted with other stoves.

Cost of Stove More Than Saved In Fuel Each Winter

Gives cleanliness and even heat day and night with soft coal you never dreamed possible. Use less hard coal and gives more heat than any base burner. Your home dealer will set one up in your house on our guarantee backed by his guarantee, at **\$10 and Up** prices.

GUARANTEE

- 1.—We guarantee a saving of one-third in fuel over any lower draft stove of the same size with soft coal or slack.
- 2.—We guarantee Cole's Hot Blast to use less hard coal for heating a given space than any base burner made with the same size fire pot.
- 3.—We guarantee that the rooms can be heated from one to two hours each morning, with the soft coal or hard coal put in the stove the evening before.
- 4.—We guarantee that the stove will hold heat with soft coal thirty-six hours, without attention.
- 5.—We guarantee a uniform heat day and night, with soft coal, hard coal, or lignite.
- 6.—We guarantee every stove to remain absolutely air-tight as long as used.
- 7.—We guarantee the feed door to be smoke and dust proof.

Built on Honor—Cole's Original Hot Blast was invented after 12 years' continuous experimenting to find a way to save the enormous waste in fuel through the escape of gas and heat up the chimney in the ordinary stove. Our reputation as manufacturers of the Original Successful Hot Blast goes with every stove; and will not be sacrificed by the use of inferior material or cheap workmanship.

Would You Lose \$50 in Fuel to Save \$1.00 on the cost of Your Stove?

That is what you do when you buy a cheaply constructed, putty jointed, showy made stove.

Like all successful inventions Cole's Original Hot Blast has many inferior imitations, avoid them. They all lack our patented top Hot Blast construction, the patented steel collar connection for the elbow casting to stove body, making an everlasting tight joint which cannot open by action of the fiercest heat; the patented compound hinge for ash door, the guaranteed smoke-proof feed door, which prevents dust, soot or smoke from escaping when fuel is put into the stove, and other patented features which are essential to the success of our stove. Do not let any dealer persuade you to buy anything but Cole's Original Hot Blast. See the name "COLE'S HOT BLAST FROM CHICAGO" on the feed door of each stove. None genuine without it.

The best dealer in every town generally has the agency for Cole's Original Hot Blast Stove. Write us for names of local agent and for FREE BOOKLET on the scientific combustion of fuel, which also tells about Cole's Hot Blast. In towns where there is no agent, mail order purchasers are protected by the above guarantee.

COLE MFG. CO., 3234-3244 S. Western Ave., Chicago

gine can be used for other purposes, and thus minimize the expense.

Not long since I traveled a half-day in an agricultural district and never saw a single clover field. It is possible to farm without clover, but it is not possible to farm long without it.

Unless eggs that have been preserved in waterglass are sold to regular egg dealers who know what they are buying, there is little difference in the price paid for them. There is in reality but very little difference in their value, if they have been properly cared for.

Looking over the acres of farm machinery at the fairs, one is led to believe that there is no end to the labor-saving devices to lighten the burden of the agriculturist. It changes the burden only from the body to the pocketbook. It is a question just how far one should go in investing in farm machinery. In this each man has to decide for himself.

There is waste land enough on most farms to pay the taxes, could all waste places be made to contribute as they should. I know of one farm that has ten acres of artificial grove and there is no income from it but trouble in keeping the broken trees and fallen branches from accumulating. Old stack yards, weed patches and brush patches often

are allowed to go from year to year just because the owner does not think.

Some time ago I noticed where a farmer had stacked up a few beans on the roadside. A pole was planted in the ground, some brush then placed about the base and the beans were placed in a stack about four feet in diameter about this pole, with a forkful of hay on top. Beans stacked in this manner will wait until a farmer can have time to thrash them.

EACH TUESDAY THIS YEAR

THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

LOW EXCURSION RATES TO NEW ENGLAND AND CANADIAN POINTS VIA THE C. & N.-W. R.R.

Tickets on sale daily until June 30th; also on July 4th and 18th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

THE IOWA STATE FAIR

Prosperity is the most important factor that has to do with the making of a successful state fair or exposition of any kind. This, together with up-to-date management, is exactly the right combination. Each played its full part last week and the first state fair of the season far excelled all past records made in the Hawkeye state. In the matter of receipts, a gain of fully 30 per cent was made over the record of 1905, the admission and privileges money amounting to the neat sum of \$100,000.

From start to finish the weather was perfect for exhibitors, for visitors and for the comfort of animals on exhibition. The city of Des Moines handled the crowd better than ever before, and no small amount of praise is due the Commercial Club for the assistance given in finding homes for fair visitors. The practice of arranging in advance for lodging has done much to prevent the congestion of streets during the evening hours by visitors who had not found lodging. Transportation service was improved over former years, as certain changes made by the Des Moines Street Railway Company greatly facilitated the movement of the crowds. Jams of course will always occur when sixty or seventy thousand people decide to go to the same place at the same time, but we venture to say that visitors this year gained the impression that Des Moines was well equipped in her transportation facilities.

The striking feature of the fair was that it was balanced, every department being well filled with exhibits. Possibly records have been made in single departments in the past that would excel the record of 1906, but taking all in all the fair held last week was the climax. The machinery in itself covered practically twenty acres, and the crowds of inquiring visitors who stood around the various machinery exhibits indicated that the farmers of Iowa are in shape financially to invest in labor-saving devices. Almost every manufacturer who made an exhibit declared that never before did prospects seem so bright for future business. The great lack in this department is a mammoth machinery hall, such as is supplied in one or two of the sister states. Other improvements are needed, and needed badly, but we hope in the near future to see a building that will house the greater part of the machinery.

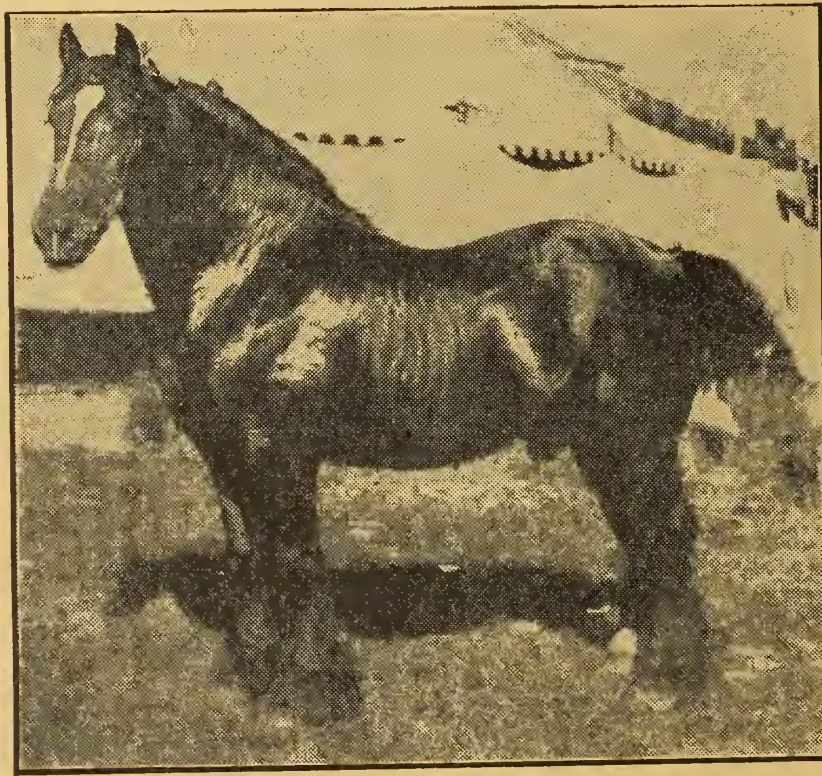
The largest department of the fair was the swine, the showing made this year being simply marvelous both from the standpoint of numbers and quality. Suitable space was not provided for all the exhibits, and the experience this year demonstrated beyond the shadow of a doubt that new buildings are needed in the immediate future. All kinds of temporary structures were utilized for the purpose of housing swine to the almost indescribable inconvenience of the exhibitor. In many cases passageways were not provided, so that entrance to the pens could only be made from the outside. Among the appropriations that the next legislature will make we hope will be found one for new swine quarters on the state fair ground. There was a conflict last winter between those advocating a swine pavilion and those who thought that an amphitheater should come first, the result being that

no appropriation was made for either. The crowds that were turned away from the old amphitheater this year indicated that a new one is an urgent need. It seems like poor business policy to turn away thousands of people every day who desire to pay for seats in the amphitheater. The amount lost each year would certainly pay interest on the investment, and in our opinion build a structure in a very few years.

It was a clean fair, scarcely a feature to be found on the ground to which objection could be made by the most fastidious. Although strongly agricultural in every department, the policy adopted by the management was a broad-minded one, so that people from towns and cities found plenty of interesting sights and much opportunity for instruction. The attractions in front of the amphitheater were high-class, and the exhibition given daily by the flying machine, or airship, proved to be a highly popular feature. We believe that the directors of the state fair are to be complimented for the wisdom displayed in putting on this feature. A flying machine directed hither and thither at the will of man is by no means in the same class as a balloon, because it represents a means of trans-

the agricultural exhibit was up to standard. It was attractively placed, and the visitor who sought information concerning the method of producing any of the products on display could easily acquire same. The fruit display excelled the record of former years, there being more plates of apples, for example, on the tables than have ever before been brought out. The quality of the fruit was good and the exhibit was exceedingly attractive.

We said in the beginning that sensible management had much to do with the success of a fair. In this case the directors of the fair are deserving of the highest compliments for their efforts in giving to the people a clean, wholesome entertaining and instructive fair. It must be a matter of great satisfaction to President Morrow, of the state board, to see the fair brought to so high a degree of perfection under his administration. However, after the people have passed their compliments to the board and to President Morrow, they reserve the right to place a larger share of credit for the success of the fair to the secretary, John C. Simpson. Mr. Simpson has proven himself able to interpret correctly the desires of the peo-



First Prize Aged Shire Stallion, Highland Laddie, Owned by Trumans' Pioneer Stud Farm, Bushnell, Illinois.

portation that is now being studied by experts throughout the civilized world. Professor Hamilton's feats in the air furnished not only entertainment, but instruction.

The plan of issuing a catalog and the placarding of all animals in the ring again proved highly satisfactory from the visitor's standpoint. Further improvement could be made if the rules pertaining to the placarding of animals in the stalls could be enforced. In some instances the class and lot number of the animal were given on the stall, together with the name, weight and breeding, but this was not generally true. It looks to the outsider as though a very small expense would furnish this information and make sight-seeing much more instructive. The example set by Mr. Frank W. Harding, of Waukesha, Wis., might well be followed by all exhibitors, and indeed enforced by the fair association. All of his stalls were labeled plainly, so that the visitor obtained just the kind of information sought.

Unfortunately, the Iowa fair comes too early to make a creditable display of agricultural products of the year, notably corn. In this instance old products must be placed on exhibition. However,

Prof. J. A. McLean, of the Iowa Agricultural College, and was conducted in an orderly and business-like manner. In some instances the classes passed on by the students were the regular entries made by exhibitors, the awards for comparison being afterwards made by the regular judges of the departments. The following is a list of those in the contest and the number of points made by each out of a total of 800:

Name and address.	Total.
Alex. Wilson, West Liberty	538
Howard Stewart, Ainsworth	524
T. Bonar McKee, Indianola	523
Paul C. Taff, Pandora	523
Arthur N. Fogg, West Liberty	514
Milo M. Fantz, Nevada	509
E. M. P. Shaver, Kalona	496.5
William R. Gross, Avoca	496
Ivan O. Hasbrough, Humeston	489.5
Frank N. Crow, Oxford	486.5
Muri McDonald, Ames	484
Roy A. Wood, Soldier	476
Leroy L. Shoemaker, Corning	472.5
Phil A. Igo, Indianola	465.5
Thomas McCall, Ames	460.5
Albert W. Weston, Audubon	459.5
Ralph E. Van Fossen, Adel	456
Carl N. Kennedy, Ankeny	455
Robert Campbell, Ames	454
L. E. Osburn, Bedford	449
Robert S. Plager, Grundy Center	448.5
E. J. Packer, Marshalltown	448
Perry R. Sior, Melbourne	447.5
C. H. Reeve, Geneva	441.5
Een Walker, Swan	441
T. R. Reynolds, Pleasantville	434
Wallace Ashby, Des Moines	431
Roy Walker, Swan	427
O. W. Karns, Pleasantville	409
Lec Jeffries, Mitchellville	400
Paul R. Bemis, Bondurant	384
Monroe S. Dutcher, Des Moines	366

As President Morrow is the republican nominee for state treasurer, he will retire from his present office at the close of this year. His place as president of the Iowa State Board of Agriculture will undoubtedly be taken by Vice-president C. E. Cameron, of Alta. Mr. Cameron has served the state faithfully for many years, and would be a fit man to succeed President Morrow. The state fair was a thrifty institution when Mr. Morrow came into office, but under his administration its growth has been marvelous. The state has appropriated liberally for new buildings, while gate receipts admitted of somewhat lavish expenditures in the improvement of the grounds. Many permanent structures stand on the state fair grounds as a monument to Mr. Morrow's term of administration. He demonstrated that a clean fair could be made to pay. The only excuse that has ever been offered for the admission of low-class side-shows or fakers was that the revenue was essential to the building up of a great fair. That, as said before, was disproved by President Morrow and his board of directors during the last few years. His administration reflects creditably on every farmer in the state, because President Morrow comes directly from the farm, his only profession being that of a farmer.

CATTLE.

A close student of the cattle exhibits at the Iowa State Fair would soon comprehend the fact that this was not a record-breaking year. It was evenly balanced throughout, but the dropping out of six or eight of the best herds in the corn belt will be felt by any show. The Martin herd of doddies, from Cburdan, Iowa, was not out this year; the notable Casey and Robbins herds were missed; the Brown, Moody, Clark and Brookside Farm Galloways were not there, while in the Herefords the absence of the Funkhouser and Curtice herds made a noticeable difference to the exhibit of white faces. However, there were new breeders in every class, and in a number of cases herds without records as winners were brought out in excellent form this year, and with honor and credit to the breed carried away many of the coveted ribbons. The cattle department of the fair in its management reflects no small amount of credit on Superintendent Packard. He has succeeded remarkably in giving all exhibitors a square deal; he has put on competent judges and his arrangements facilitate judging to the greatest possible extent and at the same time make sight-seeing in the cattle rings agreeable to visitors. It was no off year in the matter of numbers, but, as said before, the dropping out of ten or a dozen good herds made a breach that was plainly apparent to the old-timer.

SHORT-HORNS.

Without saying anything that would be a discredit to the other beef breeds, the Short-horns were one of the most prominent features of the cattle display. This was due both to the numbers shown and the general excellence. To some there appeared to be less uniformity than in other of the beef exhibits, but this was more imaginary than real on account of the larger number of animals and the greater chance for varia-

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tion. The work of placing proceeded slowly and lasted throughout the week. There were 166 competing animals and this meant full rings throughout. As many as twenty-two lined up in one or two. At times the whole west portion of the judging pavilion was monopolized by Short-horns and short leets were a necessity. Competition was active for winners, though some entries shown were below the usual Iowa standard. From the younger classes came the larger numbers of entries, and excellent quality and good type were evident in every ring. Good, useful breeding stock was more in evidence than extremely high conditioned stuff. Winners of last year's prizes were few, but conspicuous wherever they appeared. Twenty-two herds entered by Iowa breeders made up the greater part of the display and may be partly accounted for by the special Iowa prizes offered. Of these herds, Burge, Edwards and S. under were the most consistent winners. F. W. Harding showed in his usual style and with much success, securing a good share of the firsts, also supplying the champion male and female. Tomson brought out a quartet of red females in the get of sire class that for even, deep covering and type would be difficult to duplicate anywhere. Part of his herd was at a disadvantage for a lack of high fitting. J. H. Miller, of Peru, Ind., judged throughout the show. Breeders' herds represented were: J. B. Brown, Solon, Iowa (9 head); G. H. Burge, Mt. Vernon, Iowa (11 head); C. L. Drake, Kelly, Iowa (1 head); F. A. Edwards, Webster City, Iowa (8 head); F. W. Harding, Waukesha, Wis. (17 head); J. S. Hardin, Indianola, Iowa (5 head); C. A. Saunders, Manilla, Iowa (6 head); T. K. Tomson & Sons, Dover, Kan. (11 head); Ardmore Stock Company, Holstein, Iowa (6 head); L. W. Barnhart, South English, Iowa (12 head); Bellows Bros., Maryville, Mo. (8 head); J. T. Judge, Carroll, Iowa (1 head); H. D. Parsons, Newton, Iowa (14 head); J. H. Moyer, Newton, Iowa (4 head); E. R. Silliman, Colo, Iowa (2 head); T. J. Wornall & Son, West Liberty, Mo. (10 head); C. S. Barclay, West Liberty, Iowa (11 head); C. W. Dows & Son, Harlan, Iowa (4 head); W. E. Graham, Prairie City, Iowa (4 head); A. F. Graves, King City, Mo. (1 head); G. H. White, Emerson, Iowa (5 head); F. W. Akers, Laurel, Iowa (1 head); H. C. Livingstone, Marne, Iowa (2 head); C. W. Westfall, Toledo, Iowa (2 head).

AWARDS.

Aged Bull—First, F. W. Harding, on Whitehall Marshall 209776; second, G. H. Burge, on Money Musk 196542; third, F. A. Edwards, on Secret Viscount 212705; fourth, C. A. Saunders, on King Cumberland 110620; fifth, T. K. Tomson & Sons, on Silvery Knight 206653; sixth, J. H. Brown, on Royal Victor 243013. The first two winners in this class are too well known to need much comment, further than to say that Whitehall Marshall has acquired a more rounded form, and came back this year a mature bull and was an easy winner, even though he was showing against Money Musk, on older bull that won first in the Iowa special class last year and still carries a good show form. Third choice was a stylish, attractive bull, but of less scale and massiveness than those preceding him.

Bull Two Years Old—First, Bellows Bros., on Good Choice 227352; second, Ardmore Stock Company, on Superhus 224710; third, J. T. Judge, on Clear the Way 231482; fourth, T. J. Wornall & Son, on The Conqueror 215051; fifth, H. D. Parsons, on Scottish Champion 224435; sixth, E. R. Silliman, on Baron Fox Glove 231479. This contest was quite drawn out among those after first place, which went to a roan that would be a strong rival in any company, a son of the great Choice Goods and a decided credit to his sire.

Yearling Bull—First, A. F. Graves, on Champion of Lyndale, Vol. 63; second, T. J. Wornall & Son, on Careless Conqueror 241515; third, E. R. Silliman, on Cloverhurn's Ideal 247812; fourth, C. R. Warren, on Banner's Victor 242584; fifth, T. K. Tomson & Sons, on Hopeful Knight 244229; sixth, G. H. White, on Contractor's Banner Bearer 250894. The two bulls from Missouri carried off the best ribbons on their type and condition, although competition was not close, due to absence of animals from some of the herds that had been taking the blue and red. The Silliman bull, however, had friends who favored a higher rating for him.

Senior Bull Calf—First, F. W. Harding, on Anoka Sultan; second, C. W. Daws & Son, on King 262929; third, F. W. Harding, on Gloster Marshall; fourth, Bellows Bros., on Nonpareil Abbotshurn, Vol. 63; fifth, F. W. Harding, on Sultor; sixth, F. W. Akers, on American Leader. Twenty-two youngsters made this a long lineup and brought out some very smooth red and roans.

Junior Bull Calf—First, F. W. Harding, on The Goods; second, L. W. Barnhart, on Golden Crown 263863.

Aged Cow—First, F. W. Harding, on Princess Flora 2d; second, T. K. Tomson & Sons, on 3d Elder Lawn Victoria, Vol. 57; third, T. J. Wornall & Son, on Glosterina; fourth, F. W. Harding, on Money Fluffie Maid; fifth, F. A. Edwards, on Fennimore Princess, Vol. 60; sixth, F. A. Edwards, on Golden Duchess of Gloster, Vol. 52. With fourteen deep, full-made cows for places in this contest, Judge Miller proceeded carefully. Princess Flora 2d, a thick-fleshed cow in perfect form was easily first. In second place was a beautiful red matron, not as smooth and evenly covered as Princess Flora, but thick fleshed and near the ground. These two were out-

standing winners among some of the plainer animals following. Any one of the six winners was a credit to the ring.

Heifer Two Years Old—First, F. W. Harding, on Anoka Broadhooks; second, T. K. Tomson & Sons, on Cherry Lass, Vol. 60; third, C. A. Saunders, on Volvot Eyes, Vol. 61; fourth, T. J. Wornall & Son, on Choice Violet 2d; fifth, T. K. Tomson & Sons, on Thorny Bud, Vol. 63; sixth, F. A. Edwards, on Hoather Bell, Vol. 64.

Yearling Heifer—First, F. W. Harding, on Missie of Browndale; second, F. W. Harding, on Clara Belle; third, C. A. Saunders, on Independence Lady 3d, Vol. 67; fourth, Ardmore Stock Company, on Manor Lady of Ardmore, Vol. 64; fifth, F. W. Harding, on Fancy Lovell; sixth, C. R. Warner, on Hampton's Lady Cupbearer. A score of yearling heifers made a large showing. However, competition was limited to a few out of the many that were hardly in as good show form as they might have been.

Senior Heifer Calf—First, F. W. Harding, on Anoka Gloster 2d; second, Bellows Bros., on Hampton's Tea Rose, Vol. 68; third, N. A. Lind, on Victoria Countess; fourth, Ardmore Stock Company, on Duchess of Lancaster 16th; fifth, F. W. Harding, on Broadhooks Sultan; sixth, F. W. Harding, on Claret. Victoria Countess is a growthy-looking heifer, but is not as refined in her general bearing as the two above her, which show very smooth, symmetrical shapes.

Junior Heifer Class—First, Bellows Bros., on Parkdale Queen of Beauty 2d, Vol. 63; second, C. A. Saunders, on Cumberland's Countess, Vol. 67; third, Bellows Bros., on Model Rose, Vol. 63; fourth, H. D. Parsons, on Dora 5th; fifth, T. K. Tomson & Sons, on Rose Archer; sixth, F. W. Harding, on Ramsden Flower. This group among twice their number in the class presented some very nice character and bid fair to make useful animals.

Exhibitor's Herd—First, F. W. Harding; second, T. K. Tomson & Sons; third, T. J. Wornall & Son; fourth, C. A. Saunders; fifth, G. H. Burge; sixth, F. A. Edwards. T. K. Tomson & Sons have been steadily breeding for merit and in this class they made a splendid showing beside a hard competitor.

Breeder's Young Herd—First, F. W. Harding; second, N. A. Lind; third, T. K. Tomson & Sons; fourth, Bellows Bros.; fifth, J. B. Brown; sixth, L. W. Barnhart. Some surprise was occasioned here by the second choice, which, while being a very useful group, did not present the finish that many in this class showed. Judge Miller, however, did his work carefully and his decision met with general favor.

Calf Herd—First, F. W. Harding; second, Bellows Bros.; third, H. D. Parsons; fourth, L. W. Barnhart; fifth, G. H. Burge. The herd for second place was very uniform and had the bull been of a stronger type his group would have stood first place. He had a well covered hack, especially over the ribs, which caught favor from all. Among the heifers of the first herd there was considerable difference in size, which placed them at a slight disadvantage, although they presented good, strong lines and types.

Get of Sire—First, T. K. Tomson & Sons, on get of Gallant Knight; second, F. W. Harding, on get of Whitehall Sultan; third, Bellows Bros., on get of Hampton's Best; fourth, N. A. Lind, on get of Fanny's Pride; fifth, Ardmore Stock Company, on get of Imp. Scottish Pride. In the first choice of this class was a group of red females, deep fleshed and symmetrical all through. Their fine style, beautiful heads and similarity in type made them a group of beauties. Whitehall Sultan's get was not as uniform, but showed plenty of scale and quality, especially on the bull. The four young roans of third place were at a slight disadvantage for age. However, they were a very uniform, attractive lot. The fourth choice showed three extra good cows and a heifer.

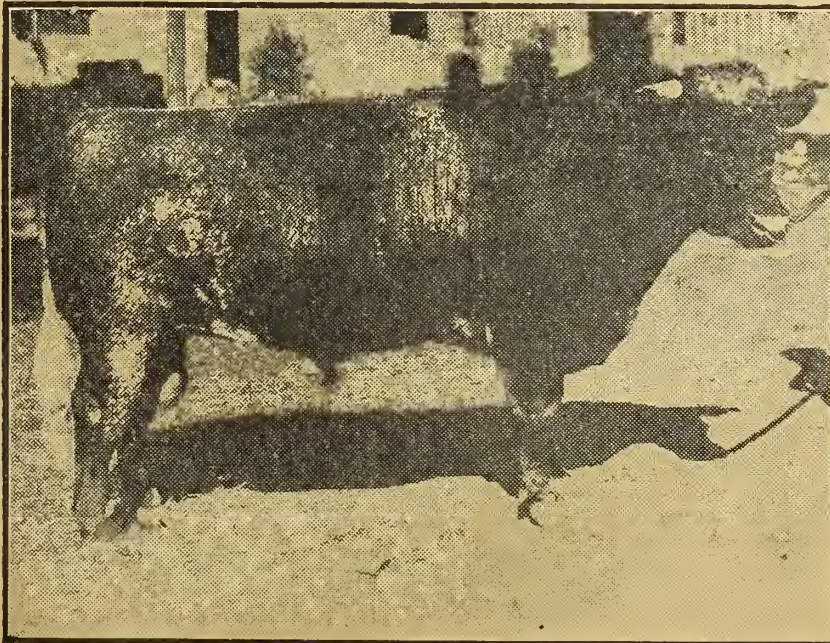
Produce of Cow—First, F. W. Harding, on produce of Shenstone Princess; second, F. W. Harding, on produce of Clara 58th; third, G. H. Burge, on produce of Flora Dell; fourth, H. D. Parsons, on produce of Scottish Queen; fifth, L. W. Barnhart, on produce of Miss Rosebud 2d. Harding's roans and reds were easy winners in this lineup, presenting more of refinement and in higher condition than those following.

Champion Bull—F. W. Harding's Whitehall Marshall.

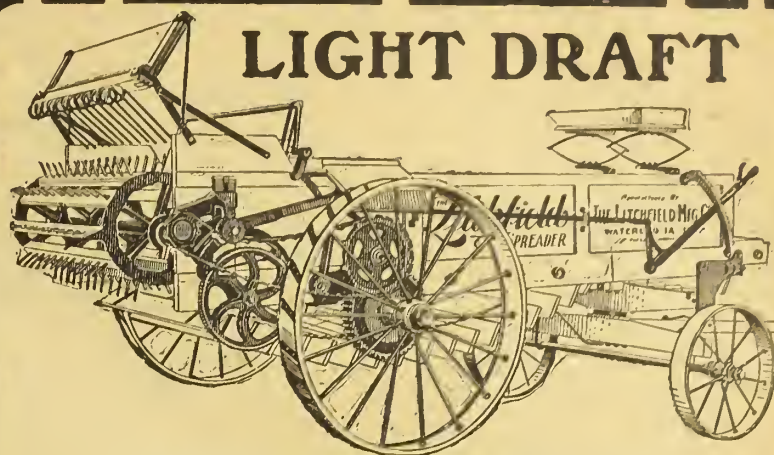
Champion Cow—F. W. Harding's Princess Flora 2d.

HEREFORDS.

The Herefords made a very presentable showing for the first display of the season.



First Prize Two-year-old Short-horn Bull, Good Choice, Owned by Bellows Bros., Maryville, Missouri.



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stay wire—the stay is one piece, running continuously up and down for many rods without an end. This distinctive feature makes Advance the strongest fence. Our catalogue tells all about it, and gives wholesale delivered prices. Ask for it.

Among the older herds of the fair circuit were some unusually strong animals, and while there was some stock that fell below the standard for a fair of Des Moines' rating, these were found in the hands of less experienced showmen. Though nearly all of the firsts fell to one herd, it was no indication that competition was lacking, for in the aged bull class five animals of very good quality made a difficult bunch to place. A number of very fine young things were brought out. The champion bull and cow were furnished by the herd from Wisconsin, which was in fine condition, and will be watched closely throughout the season. Judge Ed. Taylor, of Fremont, Mich., gave general satisfaction by his fair-minded decisions, although there was some difference of opinion among the ringside talent in the placing of the aged bulls and two heifer classes. The eighty-eight animals shown were distributed among ten herds, viz.: Cargill & McMillan, LaCrosse, Wis. (21 head); Carrothers Bros., Ryan, Iowa (5 head); Edmonds, Shade & Co., Kingsley, Iowa (14

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head); D. W. Ohl, Iowa City, Iowa (8 head); Hugh Whiteford, Guilford, Mo. (5 head); W. S. Van Natta & Son, Fowler, Ind. (13 head); G. W. Way & Son, New Sharon, Iowa (11 head); S. L. Brock, Macon, Mo. (9 head); Sheridan Henry, Ridgeway, Mo. (2 head).

AWARDS.

Aged Bulls—First, Cargill & McMillan, on Princeps 4th 143394; second, Hugh Whiteford, on Kensington (Imp.) 111886; third, Carrothers Bros., on Emancipator 156682; fourth, Edmonds, Shade & Co., on King Edward 165604; fifth, David W. Ohl, on Rustler's 7th 161631. Princeps for his excellent style and finish was an easy first, but for next place there was close competition and Kensington won for his great depth and massive front.

Bull Two Years Old—First, W. S. Van Natta & Son, on Prime Lad 3d 197954; second, Cargill & McMillan, on Privater 2d 132133; third, G. W. Way & Son, on Beau Brummel 4th 194318; fourth, Edmonds, Shade & Co., on Sir Albany 9th 180123; fifth, Carrothers Bros., on Field Marshall 208313; sixth, Carrothers Bros., on Admiral Togo 205503. This was the only first that Cargill & McMillan lost. Prime Lad is a bull of good type and smoothness of form. The Way bull was not highly fitted, but pushed his competitors hard.

Yearling Bull—First, Cargill & McMillan, on Bonnie Brae 3d 203317; second, W. S. Van Natta & Son, on Prime Lad 9th 213963; third, S. L. Brock, on Discoverer 212281; fourth,

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W. S. Van Natta, on Prime Lad 16th 213369; fifth, Edmonds, Shade & Co., on Passport Prize 216944; sixth, Sheridan Henry, on Missouri Boy 234568.

Senior Bull Calf—First, Cargill & McMillan, on Fullfiller 5th 230510; second, Cargill & McMillan, on Fullfiller 3d 230508; third, W. S. Van Natta & Son, on Prime Lad 25th 234343; fourth, David W. Ohl, on Woodland Chief 233394; fifth, Edmonds, Shade & Co., on Sir Edward 232986; sixth, David W. Ohl, on Berlia 235973. First and second in this class were outstanding winners, as Van Natta's bull was not up to the usual standard in form and finish, though his scale and quality were good.

Junior Bull Calf—First, Cargill & McMillan, on Fullfiller 7th 230512; second, W. S. Van Natta & Son, on Prime Lad 30th 234348; third, Edmonds, Shade & Co., on Shadeland King 232982; fourth, G. W. Way & Son, on Beau Brummel 10th 238386; fifth, G. W. Way & Son, on Beau Brummel 7th 238383. Uniformity of width and finish was prominent in the winner, while the last ones were lacking in scale on account of not being highly fitted, but they were a sappy bunch.

Aged Cow—First, Cargill & McMillan, on Heliotrope 159451; second, Cargill & McMillan, on Twilight 167464; third, W. S. Van Natta & Son, on Rosebud 169015; fourth, D. W. Ohl, on Dora Thorne 118061; fifth, G. W. Way & Son, on Kiowa 163892; sixth, G. W. Way & Son, on Kappie 163891. The winner here was a cow of the wide, deep sort, which combined with her splendid fitting gave her an easy place. Her half sister, Twilight, full sister to Principleps 4th, was a lower set type than those following and better covered. All through, the class was a good one.

Heifer, Two Years Old—First, Cargill & McMillan, on Miss Donald 17th 184573; second, Cargill & McMillan, on Golden Lassie 182126; third, W. S. Van Natta & Son, on Princess 197988; fourth, Edmonds, Shade & Co., on Columbus Lassie 2d 183956; fifth, Edmonds, Shade & Co., on Delight 3d 183991; sixth, G. W. Way & Son, on Gwendoline 4th 179900. The two first in this class were Beau

W. S. Van Natta & Son, on Margaret 234336; fourth, S. L. Brock, on Lady Elfin 233127; fifth, S. L. Brock, on Lady Welmora 233131; sixth, Cargill & McMillan, on Miss Filler 4th 230516. An excellent class of thirteen typical calves made a pleasing lineup here, and the blocky type and smooth-covered backs were emphasized in the winners.

Junior Heifer Calf—First, Cargill & McMillan, on Miss Filler 6th 239659; second, S. L. Brock, on Lady Belinda 238028; third, W. S. Van Natta & Son, on Lassie 234333; fourth, Cargill & McMillan, on Miss Filler 5th 230517; fifth, Edmonds, Shade & Co., on Edward's Lassie 232978; sixth, G. W. Way & Son, on Beau Anna 238380. A prize apiece in this class and the success of Fulfiller as a sire of good stock was again demonstrated in the sweet character of the first prize. The third place was coveted for a time by Miss Filler, but Lassie proved a little too strong.

Exhibitor's Herd—First and second, Cargill & McMillan; third, W. S. Van Natta & Son; fourth, Edmonds, Shade & Co.; fifth, D. W. Ohl; sixth, G. W. Way & Son. Principleps 4th and Privateer 2d headed the Wisconsin herds in the order they won, and received but little competition. Van Natta's herd was headed by Prime Lad 3d, a splendid bull with a good following of females. It would be a difficult matter to excel the herds at the head of the list in uniformity of type and quality of finish.

Breeder's Young Herd—First, Cargill & McMillan; second, S. L. Brock; third, W. S. Van Natta & Son; fourth, Edmonds, Shade & Co. The second prize herd was a good collection, but not up to the uniform standard of type of the first choice. Van Natta was a close rival for second.

Calf Herd—First, S. L. Brock; second, Cargill & McMillan; third, W. S. Van Natta & Son; fourth, G. W. Way & Son.

Get of Sire—First, S. L. Brock, on get of Disturber; second, W. S. Van Natta & Son, on get of Prime Lad; third, Cargill & McMillan, on get of Fullfiller; fourth, Cargill & McMillan, on get of Principleps; fifth, Edmonds, Shade & Co., on get of Columbus

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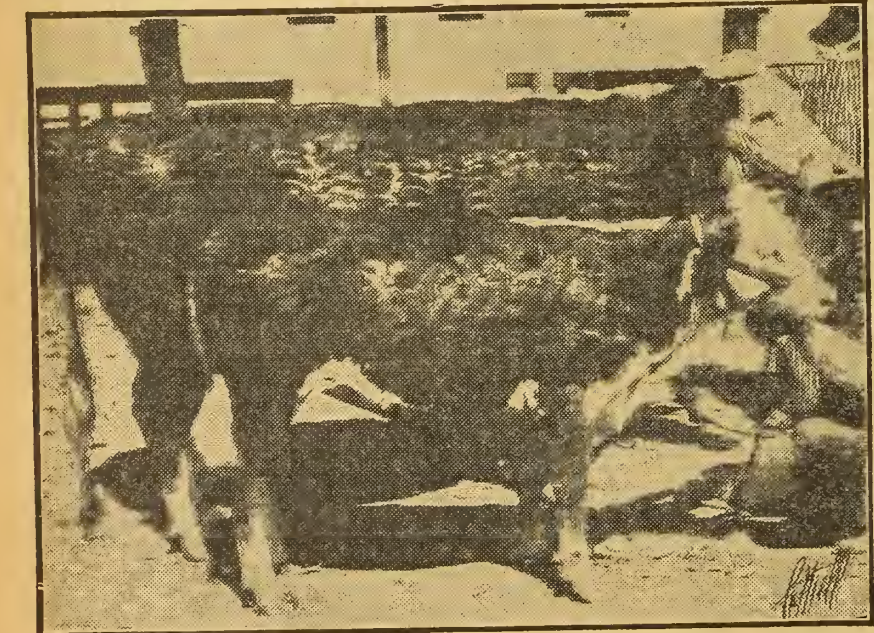
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Donald heifers and presented blocky, compact forms with nice finish. The third animal lacked a bit too much in scale and finish to crowd those above her.

Yearling Heifer—First, Cargill & McMillan, on Ethel 2d 203170; second, S. L. Brock, on Lady Ann 204805; third, W. S. Van Natta, on Prairie Queen 213961; fourth, S. L. Brock, on Lady Lucy 212289; fifth, Edmonds, Shade & Co., on Lady Albany 207790; sixth, S. L. Brock, on Lady Ruth 217109. Seventeen entered for prizes in this contest and gave Mr. Taylor some careful work. Ethel 2d, the first choice, was followed by a heifer of good finish and type, yet lacking the great smoothness and even covering seen in Jimmy Price's feeding. Those following were of first-class quality.

Senior Heifer Calf—First, Cargill & McMillan, on Miss Filler 230513; second, S. L. Brock, on Disturber's Lassie 233124; third,

35th. The first choice in this ring presented a remarkably even lot and one hard to defeat, although the get of Prime Lad showed great uniformity of type.

Produce of Cow—First, Cargill & McMillan, on Belle Donald 20th; second, Cargill & McMillan, on Tidy 12th; third, Cargill & McMillan; fourth, W. S. Van Natta & Son, on Lenora; fifth, Carrothers Bros., on Happiness.

Champion Bull—Principleps 4th 143394 is a bull got by Principleps 66683 out of Tidy 12th. To put it mildly, he is a great beast, deep, wide and aside from a heavy brisket, he carries a great amount of flesh in the right place.

Champion Cow—Heliotrope, an easy winner, was very much of the type of the champion bull.

ABERDEEN-ANGUS.

The Aberdeen Angus display as a whole was not up to the standard that the supporters of this breed would have desired. Excellence was too exclusive and confined to a few herds, while the presence of many small herds cut down the size of the totals. The absence of several of last year's best herds made a noticeable difference in the competition, as was most evidenced in the aged and herd classes. The work of judging proceeded rapidly and Professor Kennedy found the winners without much trouble in most of the rings. In the aged bull class A. C. Binnie was able to win with Jim Delaney, a bull presenting a stylish carriage and smooth covering of flesh. Champion also went to this bull as a sire. The champion cow came from the herd of J. H. Donohue in the two-year-old heifer, Eileen Lass. In the yearling heifer class competition was close and interesting and there was a considerable difference of opinion in the minds of some as to whether the type exhibited by the winner was superior enough to place her over the type and superior finish of second choice. A list of the breeders, also size of herd, is as follows: A. C. Binnie, Alta, Iowa (11 head); W. A. McHenry, Denison, Iowa (8 head); A. B. Puterbaugh, Milledgeville, Ill. (11 head); Rosenfeld & Siverly, Kelly, Iowa (2 head); P. J. Donohue, Holbrook, Iowa (9 head); B. F. Fantz, Nevada, Iowa (5 head); H. J. Hess, Waterloo, Iowa (11 head); W. J. Miller, Newton, Iowa (25 head); Louie Aillaud, Newton, Iowa (1 head); Sunnyside Stock Farm, Altoona, Iowa (4 head); Chas. Off, Peoria, Ill. (6 head); F. L. Sullivan, Afton, Iowa (5 head). Awards are as follows:

AWARDS.

Aged Bull—First, A. C. Binnie, on Jim

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Delaney 62767; second, W. A. McHenry, on Baden Lad 61883; third, A. B. Puterbaugh, on Broadus Rex 46067.

Bull Two Years Old—First, P. J. Donohue, on Morning Star 2d 75716; second, W. J. Miller, on McDonald's Lad 66952; third, B. F. Fantz, on Captain King 80093; fourth, H. J. Hess, on Birtley of Quietdale 71646; fifth, A. B. Puterbaugh, on Lucile's Prince 72328.

Yearling Bull—First, P. J. Donohue, on Glenfold Thickset 2d 88142; second, Louie Aillaud, on Newton King Dodo 81608; third, W. A. McHenry, on Star of Denison 82426; fourth, A. C. Binnie, on Elmar Lad 84122; fifth, W. J. Miller, on King Donald 80599; sixth, Rosenfeld & Siverly, on Inland Dandy 79664. Twelve animals made this the largest of the bull classes. Until Professor Kennedy selected the likely winners there was little difficulty, but among these competition was quite interesting. However, it did not take long to decide on the low, blocky Glenfold Thickset 2d for first, while second choice was a larger and less refined bull. Star of Denison is a bit too long as yet to satisfy the critics.

Senior Bull Calf—First, W. A. McHenry, on Prince Pico 93306; second, Chas. J. Off, on Quaint Fellow 94277; third, A. B. Puterbaugh, on Lucile's Prince 3d; fourth, H. J. Hess, on Buttress of Quietdale 94107; fifth, F. L. Sullivan, on Beau Ito 9417.

Junior Bull Calf—First, W. J. Miller, on Erica Prince 3d; second, A. C. Binnie, on Even Lad; third, B. F. Fantz, on Quinrod of the Oaks 93236. The Erica calf won over Even Lad for his style and a trifle better quality.

Aged Cow—First, W. J. Miller, on Snowflake 2d of Kirkbridge 46016; second, A. C. Binnie, on Gussie of Kirkbridge 64008; third, W. A. McHenry, on Glenfold Rose 63489; fourth, P. J. Donohue, on Blackbird Lassie 2d 59234; fifth, A. B. Puterbaugh, on Erica of Oaklawn 46848; sixth, W. J. Miller, on Metz Ogarta 60992. Eight females strove for honors in this lineup. The first and second choice were much alike in type, but the difference of a year in favor of Mr. Miller's cow gave her some advantage in smoothness and bloom. Both cows were sired by the bull, Lotterer.

Heifer Two Years Old—First, P. J. Donohue, on Elteen Lass 73102; second, A. C. Binnie, on Mina of Alta 5th 73111; third, W. A. McHenry, on Barbara McHenry 18th 71677; fourth, P. J. Donohue, on Pride of Clover Leaf 73969; fifth, W. J. Miller, on Metz Ogarta 2d 72550; sixth, H. J. Hess, on Pride of Fashion 68592. The first two animals in this class were sired by Heather Lad of Emerson 2d, demonstrating the ability of that bull in a forcible way.

Heifer One Year Old—First, W. A. McHenry, on Abess McHenry 6th 82418; second, A. C. Binnie, on Coquette Lass of Alta 83367; third, A. C. Binnie, on Blackbird Lassie of Alta 83368; fourth, P. J. Donohue, on Brookside Pride 4th 93254; fifth, W. A. McHenry, on Pride McHenry 45th 82421; sixth, F. L. Sullivan, on Fay Ito 80350. Nineteen individuals made this a full class, including some excellent animals, as well as ordinary ones. The most attention was given to first and second places, where a pair of beautiful heifers were rivals for first honors. Some would have reversed the decision for the first two, favoring the smooth, rich-fleshed heifer of Mr. Binnie's to the large, blocky one of the McHenry herd.

Senior Heifer Calf—First, P. J. Donohue,

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on Brookside Rose 2d 93255; second, W. A. McHenry, on Abess McHenry 7th 93307; third, P. J. Donohue, on Brookside Pride 5th 93258; fourth, A. C. Binnie, on Coquette Lass of Alta 2d; fifth, H. J. Hess, on Alicia of Quietdale 9th 94108; sixth, A. C. Binnie, on Enna Lassie 2d. In this showing the quality and type of first choice made her a rival hard to defeat. Second choice was larger for her age, but a bit less refined.

Junior Heifer Calf—First, W. A. McHenry, on Blackbird McHenry 66th 93314; second, A. C. Binnie, on Queen Lassie of Alta 3d; third, H. J. Hess, on Heatherbloom 5th of Quietdale 94112; fourth, A. C. Binnie, on Proud Lassie of Alta; fifth, W. J. Miller, on Snowflake's Queen; sixth, A. B. Puterbaugh, on Lady Kathleen. First and second choice were but two days apart in age. However, there was enough difference in size and frame to place Queen Lassie of Alta at somewhat of a disadvantage.

Exhibitor's Herd—First, A. C. Binnie; second, P. J. Donohue; third, W. A. McHenry; fourth, W. J. Miller; fifth, H. J. Hess. In the herd classes Mr. Binnie was able to take the most firsts, and while this was not true of his individual offerings, the uniformity of his stock merited what it won in these classes.

Breeder's Young Herd—First, A. C. Binnie; second, W. A. McHenry; third, W. J. Miller.

Calf Herd—First, A. C. Binnie; second, W. A. McHenry; third, W. J. Miller; fourth, A. B. Puterbaugh.

Get of Sire—First, A. C. Binnie, on get of Heather Lad of Emerson; second, P. J. Donohue, on get of Blackwood Lawn; third, W. J. Miller, on get of Black Knight of Estill; fourth, A. B. Puterbaugh, on get of Proud Duke; fifth, H. J. Hess, on get of Pabno.

Produce of Cow—First, W. A. McHenry; second, W. J. Miller; third, W. A. McHenry. Champion Bull—Jim Delaney 62767. Champion Cow—Eileen Lass 73102.

GALLOWAYS.

But four herds were shown in this competition and the placing of ribbons proceeded rapidly. Allen Thompson, of Nashua, Mo.,

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made the awards in a very agreeable manner, although there was a chance for some contention in the herd classes, where it was a question of choosing types. In some of the young heifer classes the difficulty was in balancing scale against type and quality. The champion bull, Pat Ryan of Red Cloud (20038), as well as the champion cow, Lady Charlotte 24814, a two-year-old, were bred on this side of the water and were of the smooth, thick-fleshed kind admired by breeders. A total of forty-four animals were well shown by the following breeders: A. F. Craymer, Morris, Ill. (12 head); G. W. Lindsey, Red Cloud, Neb. (11 head); J. E. Bales & Son, Stockport, Iowa (11 head); C. S. Hechtner, Princeton, Ill. (10 head).

AWARDS.

Aged Bulls—First, G. W. Lindsey on Pat Ryan of Red Cloud 20038; second, A. F. Craymer, on Scottish Sanson 23542.

Two-Year-Olds—First, J. E. Bales & Son, on Cauty Lad; second, G. W. Lindsey, on Ned of Red Cloud 26253.

Yearlings—First, C. S. Hechtner, on Standard Favorite 26550; second, C. S. Hechtner, on Starlight of Maples 26224; third, A. F. Craymer, on Protector of Rivers 27193; fourth, G. W. Lindsey, on Nume of Red Cloud 27588.

Senior Bull Calf—First, J. E. Bales & Son, on Dorothea's Prince 28813; second, C. S. Hechtner, on Careful's Druid; third, J. E. Bales & Son, on Bonnie McDougal 28812; fourth, A. F. Craymer, on Flagman of Rivers 28456.

Junior Bull Calf—A. F. Craymer won the first three prizes with no competitors, in the following order: First, Grandee of Rivers 28774; second, Irish Lad of Rivers 28772; third, Milverton of Rivers 28773.

Aged Cows—First, G. W. Lindsey, on Favorite 16th of Lochenkit, Imp., 21205; second, J. E. Bales & Son, on Graefel 3d of Garliestown 19297; third, A. F. Craymer, on Princess Mable 23484.

Heifers Two Years Old—First, G. W. Lindsey, on Lady Charlotte 24814; second, J. E. Bales & Son, on Annie David's 5th 26977; third, A. F. Craymer, on Prudie of Rivers 25413.

Yearling Heifers—First, J. E. Bales & Son, on Hawkeye Lady 27121; second, C. S. Hechtner, on Louisa of Maples 26218; third, C. S. Hechtner, on Druid's Lora 26219; fourth, A. F. Craymer, on Standard Pet 27190; fifth, A. F. Craymer, on Mischievous of Rivers 27191; sixth, G. W. Lindsey, on Nettie D. of Red Cloud 27584. Judge Thomson found his hardest work in this class. For type, Hawkeye Lady was the favorite and finally won over the scale shown in Louisa of Maples. The uniformity in the nine animals shown was quite pleasing.

Senior Heifer Calf—First, G. W. Lindsey, on Nora D. of Red Cloud 27580; second, J. E. Bales & Son, on Annie David's 6th 28780; third, A. F. Craymer, on Darletta of Rivers 28762; fourth, J. E. Bales & Son, on Lady Ruth 28782.

Junior Heifer Calf—First, G. W. Lindsey, on Lady Elgin; second, J. E. Bales & Son, on Princess Graceful 28781; third, C. S. Hechtner, on Druid's Louisa; fourth, J. E. Bales & Son, on Lady Graceful 28783; fifth, A. F. Craymer, on Defender's Pet 28761.

Exhibitor's Herd—First, G. W. Lindsey; second, J. E. Bales & Son; third, A. F. Craymer.

Breeder's Young Herd—First, J. E. Bales & Son; second, A. F. Craymer; third, G. W. Lindsey.

Calf Herd—First, J. E. Bales & Son. Get of Sire—This ring brought out some good, uniform groups of different types. J. E. Bales & Son won first with the get of McDougal 4th of Tarbreoch; second, C. S. Hechtner, with get of Druid of Castleman; third, A. F. Craymer, with get of Defender of Rivers; fourth, G. W. Lindsey, with get

of Pat Ryan of Red Cloud; fifth, J. E. Bales & Son.

Produce of Cow—First, J. E. Bales & Son; second, C. S. Hechtner; third, G. W. Lindsey; fourth, A. F. Craymer; fifth, A. F. Craymer.

POLLED DURHAMS.

With a new exhibitor and more animals over last year's show came increased interest and competition for the supporters of this breed. Young stock of good quality and finish comprised the greater part of the exhibits. In the aged and herd classes no competition prevailed. Considering that this breed is just coming into prominence in the state, the rings were very satisfactory. There were many inquiries from farmers for young hulls. E. T. Davis, the Angus breeder, placed the ribbons. Iowa was represented by three herds, Shaver and Deuker, Kalona (10 head); Ardmore Stock Company, Holstein (3 head); and F. F. Fallor, Newton (4 head). A. C. Woods & Sons, Pendleton, Ind., showed 9 head.

AWARDS.

Aged Bulls—Golden Victor 251100, the only animal shown, was given the blue ribbon; owned by F. F. Fallor.

Two-Year-Olds—The first here was given to Roan Hero 3613, a splendid young hull shown by Shaver & Deuker; second, F. F. Fallor, on Goldsmith 250852.

Yearling Bulls—First, A. C. Woods & Sons, on Lancaster Hero 4655; second, A. C. Woods & Sons, on Orange Knight; third, Shaver & Deuker, on Colonel Perry, Vol. 3.

Bulls Under One Year—First, Shaver & Deuker, on Arcadia Duke 3d 5026; second, A. C. Woods & Sons, on Golden Gem; third, A. C. Woods & Sons, on Hallie's Hero.

Aged Cows—Shaver & Deuker, on Royal Flora.

Heifers Two Years Old—First, Shaver & Deuker, on Scottish Belle 3d; second, Shaver & Deuker, on Polled Lady Jane.

Yearlings—First, A. C. Woods & Sons, on Victoria Lady; second, Shaver & Deuker, on Scottish Belle 4th; third, A. C. Woods & Sons, on Hero Maid 2d.

Calves—First, A. C. Woods & Sons, on Christine; second, A. C. Woods & Sons, on Hero Maid 3d; third, Ardmore Stock Company, on Rosalie.

Exhibitor's Herd—Roan Hero, owned by Shaver & Deuker, headed the only herd in this class.

Breeder's Young Herd—Won by A. C. Woods & Sons, with Lancaster Hero 4655 at the head.

Get of Sire—Only one entry by A. C. Woods & Sons.

Produce of Cow—First, A. C. Woods & Sons, on Pride of Maplewood; second, Shaver & Deuker, on Scottish Belle 3d.

Champion Bull—Shaver & Deuker, on Roan Hero 3613.

Champion Cow—Shaver & Deuker, on Royal Flora.

RED POLLS.

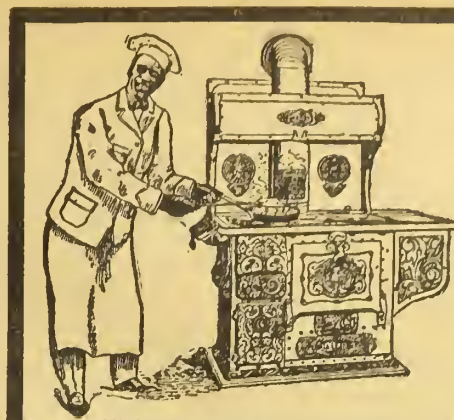
In numbers and excellence of breeding this dual-purpose breed surpassed all expectations, and with five exhibitors and sixty-six animals this part of the cattle display was a prominent feature of the show. Although the best ribbons went to two breeders, all classes with the exception of the two-year-old hulls were well filled and presented difficult work for the judge. In the aged cow class there were ten animals, the winners showing splendid type. Many other classes were as well filled. Some of the young stock inclined too much to beef type to be desirable, although the winners throughout were useful animals and very good models of the type demanded. Professor Dinsmore, of Ames, was very careful and deliberate in his decisions and made a good impression on the showmen. Home exhibitors were Adolph P. Arp, Eldridge (15 head); G. W. Coleman, Webster City (13 head); and B. A. Samuelson, Kiron (12 head). Also G. B. Buck & Son, Orion, Ill. (13 head); and W. S. Hill, Alexandria, S. Dak. (13 head). Awards were as follows:

Aged Bulls—First, G. W. Coleman, on Irwin 8253; second, Adolph P. Arp, on Nailer 7396; third, Geo. B. Buck & Son, on Money-maker 11944; fourth, B. A. Samuelson, on Protector 8597.

Two-Year-Olds—First, W. S. Hill, on Protection 12095.

Yearling Bulls—First, G. W. Coleman, on Logan 13500; second, B. A. Samuelson, on Pleasant Hill Advance 14565; third, G. W. Coleman, on Duroek 14573; fourth, W. S. Hill, on Nelson 14070; fifth, G. W. Coleman, on Royal 14575; sixth, Adolph P. Arp, on Emery 15141. This ring comprised a low-set lot, with considerable quality and smoothness.

Calves Under One Year—First, W. S. Hill,



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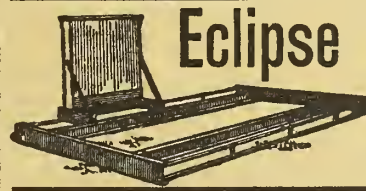
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on Ivanhoe 14372; second, Adolph P. Arp, on Nailer Agall 15337; third, W. S. Hill, on Dale 14882; fourth, Geo. B. Buck & Son, on Rambler 14607; fifth, B. A. Samuelson, on Henry 15345; sixth, Adolph P. Arp, on Nailer's Boy 15335. Another good class with ten in the ring. Some of the winners were a trifle small, but of good type and quality.

Aged Cows—First, G. W. Coleman, on Saucy 14234; second, W. S. Hill, on Daisy Princess 13369; third, Adolph P. Arp, on Nanny 20180; fourth, G. W. Coleman, on Tillie 9020; fifth, Adolph P. Arp, on Lala 18480. In this class of ten were shown some good, maternal looking females, useful on any farm.

Heifers Two Years Old—First, W. S. Hill,

on Nellie 21746; second, Geo. B. Buck & Son, on Dewdrop 4th 22496; third, G. W. Coleman, on Gustle 23514; fourth, W. S. Hill, on Bessie 23474; fifth, Adolph P. Arp, on Leola 22525; sixth, Adolph P. Arp, on Laura's Perfection 3d 24125.

Yearlings—First, G. W. Coleman, on Wild Rose 2d 23519; second, W. S. Hill, on Inez 23477; third, G. W. Coleman, on Dortha 23517; fourth, B. A. Samuelson, on Primrose 24955; fifth, Adolph P. Arp, on Alma 24127; sixth, B. A. Samuelson, on Teddy's Pride 24963.

Calf Under One Year—First, Adolph P. Arp, on Bedelia 25848; second, G. W. Coleman, on Doly, Vol. 19; third, W. S. Hill, on Rosabelle 24680; fourth, G. W. Coleman, on Queen Maid 24969; fifth, B. A. Samuelson, on Spring Beauty 2d 25859; sixth, Geo. B. Buck & Son, on Chick's Beauty 25011.

Exhibitor's Herd—Irwin 8253 at the head won first for G. W. Coleman; Protection 12095, second for W. S. Hill; third, Nailer 7396 for Adolph P. Arp; fourth, Money-maker 11944 for Geo. B. Buck & Son; fifth, Protector 8597 for B. A. Samuelson.

Breeder's Young Herd—First, G. W. Coleman; second, B. A. Samuelson; third, W. S. Hill; fourth, Geo. B. Buck & Son.

Get of Sire—First, G. W. Coleman, with get of Abhotsford; second, Adolph P. Arp, with get of Spright's Perfection; third, B. A. Samuelson, with get of Protector; fourth, Adolph P. Arp, with get of Nailer; fifth, G. W. Coleman, with get of Abhotsford.

Produce of Cow—First, Adolph P. Arp; second, W. S. Hill; third, Adolph P. Arp; fourth, G. W. Coleman; fifth, Geo. B. Buck & Son.

Champion Bull—G. W. Coleman, on Irwin 8253.

Champion Cow—G. W. Coleman, on Saucy.

HOLSTEINS.

The small number of exhibitors in this breed was more than counterbalanced by the large herds that were brought out. Old showmen divided honors this year with a new breeder, who showed some individuals of splendid quality and dairy type. Classes were large and close enough to make Mr. F. H. Scribner, of Rosendale, Wis., some interesting work. The five prizes offered were quite evenly divided, although C. F. Stone took the most firsts on the fine form and type of his offerings. The breeders and number of animals in each herd were as follows: W. B. Barney, Hampton, Iowa (12 head); McKay Bros., Buckingham, Iowa (15

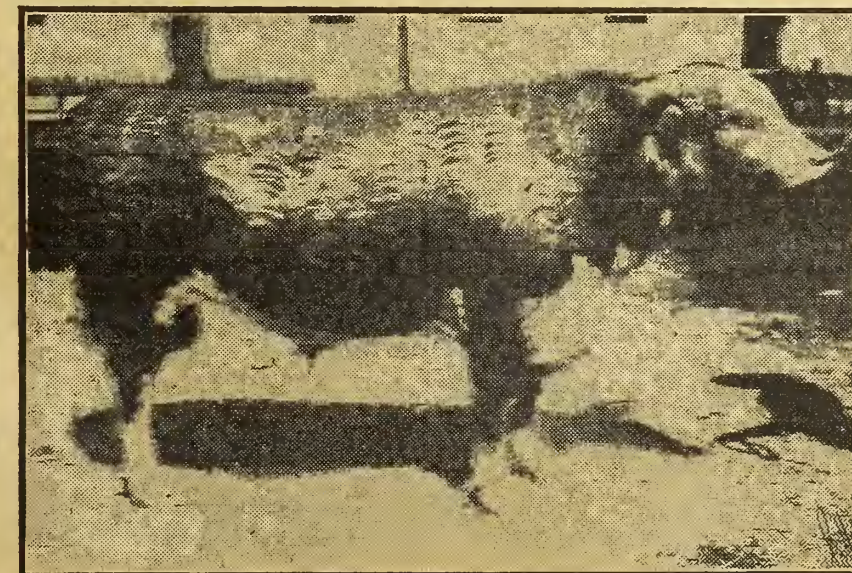
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First Prize Hereford Bull In Two-year-old Iowa Class, Owned by G. W. Way & Son. New Sharon, Iowa.

head); C. F. Stone, Peabody, Kan. (14 head).
AWARDS.

Aged Bulls—First, W. B. Barney & Co., on Jewel of Home Farm 24340; second, C. F. Stone on Ethel Alexander 2d's Sir Netherland 26423; third, Alcarta Polkadot Corretor 30624; fourth, W. B. Barney & Co., on Prince Leila De Kol 29358.

Two-Year-Olds—First, C. F. Stone, on Josephine Mechthilde's Sir De Kol 35086.

Yearling Bull—First, W. B. Barney & Co., on Captain Wayne 40453; second, McKay Bros., on Genesee Abbecker Sir Alcarta 41217.

Bull Under One Year—First, C. F. Stone, on Lady Truth's Sir Netherland; second, McKay Bros., on Alcarta Sir De Kol; third, W. B. Barney & Co., on Josephine Lad De Kol; fourth, C. F. Stone, on Princess Pel's Sir Netherland; fifth, McKay Bros., on Paul Pieterje Hengerveld.

Aged Cow—First, C. F. Stone, on Maryke 3d Gerben 4th 54935; second, W. B. Barney & Co., on Parthena Hengerveld 46004; third, C. F. Stone, on Wayne's Parthena 46358; fourth, McKay Bros., on Inka Tritornia 38847; fifth, W. B. Barney & Co., on Shade-land Mechthilde 50187.

Heifer Two Years Old—First, C. F. Stone, on Princess Pel De Kol 71141; second, McKay Bros., on Du Barry De Kol 71462; third, W. B. Barney & Co., on Owanda Gerben 2d 71975; fourth, McKay Bros., on Lady Arcula 71323; fifth, C. F. Stone.

Yearling Heifer—First, C. F. Stone, on Queen Josephine Gerben De Kol 78621; second, W. B. Barney & Co., on Empress Gerben of Home Farm 79243; third, McKay Bros., on Leda Inka Alcarta 79305; fourth, McKay Bros., on Leda Duchess Fobes 83900; fifth, W. B. Barney & Co., on Lustend Belle Jeek 4th 78594.

Calf Under One Year—First, C. F. Stone, on Josephine Gerben Alexander; second, W. B. Barney & Co., on Myrtle De Kol; third, C. F. Stone, on Sissy Baker Alexander; fourth, McKay Bros., on Ticket 3d 81288; fifth, W. B. Barney & Co., on Jeek's Jewel 3d.

Exhibitor's Herd—First, C. F. Stone; second, W. B. Barney & Co.; third, McKay Bros.; fourth, C. F. Stone.

Breeders' Young Herd—First, W. B. Barney; second, C. F. Stone; third, McKay Bros. Get of Sire—First, C. F. Stone; second, W. B. Barney & Co., on get of Helanthus 4th's Lad; third, C. F. Stone, on get of Wartena's Paulina's De Kol; fourth, McKay Bros., on get of Alcarta Polkadot Corretor.

Produce of Cow, Two Animals Either Sex, Produce of One Cow—First and second, C. F. Stone.

Champion Bull—W. B. Barney & Co., on Jewel of Home Farm.

Champion Cow—C. F. Stone, on Maryke 3d Gerben 4th 54935.

JERSEYS.

From the nature of the Jersey showing it would appear that Iowa breeders had not as yet the proper appreciation of the value of an exhibit at the Des Moines fair. The display was conspicuous for quality rather than for size, which was a most commendable feature. Neat heads and "Jersey" expression, fine bone and hair and roomy animals characterized the exhibits. The most interest centered about the herd of Hunter & Smith, of Beatrice, Neb., who had a large herd that took most of the best ribbons and supplied the champion male and female. F. H. Scribner, of Rosendale, Wis., did the judging, and his work was most creditably done, pleasing both exhibitors and spectators. The following were the exhibitors: Dixon & Deane, Brandon, Wis. (12 head); Hunter & Smith, Beatrice, Neb. (10 head); G. S. Redhead,

Mgr., Des Moines, Iowa (5 head); Mrs. S. B. Thomas, St. Joseph, Mo. (1 head).

AWARDS.

Aged Bull—First, Hunter & Smith, on Belmont's Champion Lad 68479; second, Dixon & Deane, on Zelaya's Fancy Lad 65883; third, Geo. S. Redhead, Mgr., on Guenon's Golden Lad 62168.

Bull Two Years Old—First, Hunter & Smith, on Victoria's Champion Lad 2d 71849. Yearling Bull—First, Hunter & Smith, on Catillon's Bachelor 73605; second, Dixon & Deane, on Bugler's Golden Lad; third, Geo. S. Redhead, Mgr., on Lanseer's Lad.

Bull Calf Under One Year—First, Hunter & Smith, on Guenon's Champion Lad 73619; second, Dixon & Deane, on Spinetta's Golden Lad; third, Geo. S. Redhead, Mgr., on Trustee LeRoy.

Aged Cow—First, Hunter & Smith, on Jersey Dairymaid, Imp., 140946; second, Dixon & Deane, on Morey's Golden Lass 168471; third, Mrs. S. B. Thomas, on Guenon's Lad Lost Time 165613; fourth, Hunter & Smith, on Pink's Pride; fifth, Dixon & Deane, on Fancy's Golden Lady 180344. Females of deep, roomy middles and well-developed udders, indicative of great performance, were a feature of this class.

Heifer Two Years Old—First, Hunter & Smith, on Silver Stella 182973; second, Dixon & Deane, on Beachfield's Francie 192133; third, Geo. S. Redhead, Mgr., on Trustee's Lizette 2d 190158.

Yearling Heifer—First, Dixon & Deane, on Bessie's Golden Lady 190874; second, Dixon & Deane, on Guenon's Ara Arawana 195286; third, Hunter & Smith, on Victoria's Golden Fairy 194605.

Heifer Calf Under One Year—First, Hunter & Smith, on Guenon's Victoria; second, Dixon & Deane, on Silver's Golden Lady; third, Hunter & Smith, on Victoria's Fairy; fourth, Dixon & Deane, on Linda's Golden Lady.

Exhibitor's Herd—First, Hunter & Smith; second, Dixon & Deane.

Breeders' Young Herd—First, Hunter & Smith; second, Dixon & Deane.

Get of Sire—First, Dixon & Deane; second, Hunter & Smith.

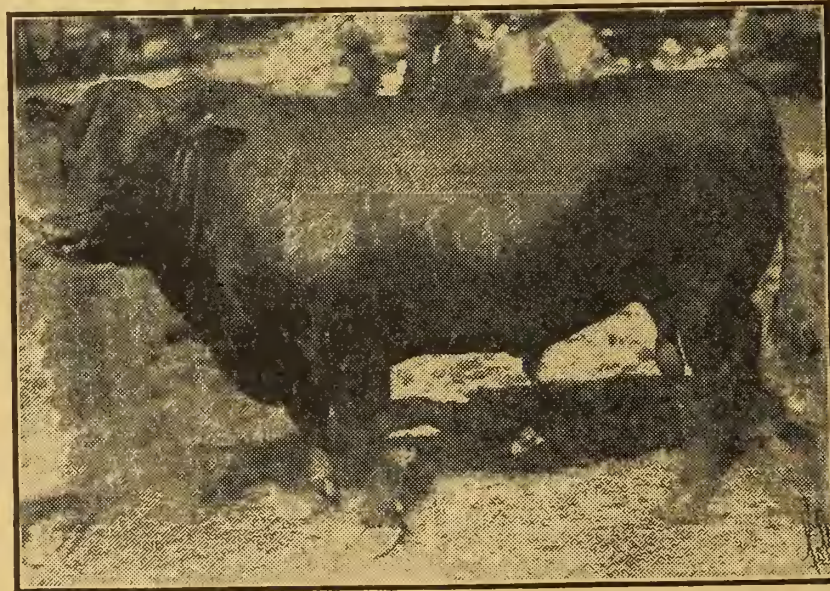
Produce of Cow—First, Dixon & Deane; second, Hunter & Smith; third, Geo. S. Redhead, Mgr.

Champion Bull—Hunter & Smith, on Belmont's Champion Lad 68479.

Champion Cow—Hunter & Smith, on Jersey Dairymaid, Imp., 140946.

HORSES.

Prof. C. F. Curtiss, the notable live stock judge, was placed in charge of the horse department after his appointment as a director of the state fair. Since that date this department has taken on new life, one result of which was that the supply of stalls ran out long before all the animals were cared for. It necessitated the building of temporary structures and this experience



Sweepstakes Angus Bull Jim Delaney. Owned by A. C. Binnie, Alta, Iowa.

suggests the wisdom of providing more room for this department in the immediate future. There was a good showing of all breeds of horses and no feature of the fair was more attractive than the program carried out each afternoon in the horse ring. Thousands of people watched the placing of the ribbons every day, and the interest was sustained to the very last. Unfortunately, the sickness of the judge, Mr. Ogilvie, delayed part of the judging. One gratifying feature of the horse show was the number of home-bred animals entered, mares, stallions and colts. What the horse department needs now is a pavilion to be devoted solely to the judging of horses, so that all the awards may be made early in the week.

BELGIANS.

The Belgian show was not up to the standard set by the Percherons or the Clydes, nor even to that of the Shires. Competition between breeders was confined to the stallion classes, the female entries being all made by Lefebure & Son, of Fairfax. There were some heavy, coarse-boned animals, very much predisposed to unsoundness in a few of the classes. Mr. Ogilvie was selected as judge for this class also, but his illness compelled him to keep his room, so his place was filled by Messrs. Truman and Galbraith. Exhibitors were: McLaughlin Bros., Columbus, Ohio; Frank Iams, St. Paul, Neb.; Henry Lefebure, Fairfax, Iowa; W. L. De Clow, Cedar Rapids, Iowa; Finch Bros., Verona and Joliet, Ill., and W. W. Garner, Des Moines, Iowa.

AWARDS.

Aged Stallion—First, McLaughlin Bros., on Forton de Smeerbhebb 2212; second, McLaughlin Bros., on Marmot de Pursouls 2187; third, Henry Lefebure, Ravachol 1987.

Quality, with good feet and legs won for



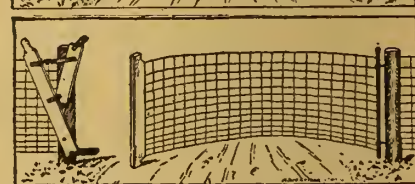
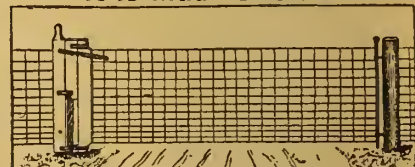
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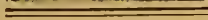
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quantity in the competition. McLay Bros. won a majority of the prizes with horses of very high merit. A. G. Soderberg also came in for a large share of the awards, especially in stallion classes. The total number of horses actually shown was sixty-five, divided among nine exhibitors as follows: McLay Bros., Janesville, Wis. (16 head); A. G. Soderberg, Osco, Ill. (15 head); August Post, Moulton, Iowa (8 head); Alexander Calder, Fremont, Neb. (5 head); F. D. Tice & Sons, Pella, Iowa (5 head); Frank P. Shekleton, Lawler, Iowa (6 head); W. W. Garner, Des Moines (2 head); and Jas. Pedley, Algona, Iowa (1 head). The judge was R. B. Ogilvie of Chicago, but Mr. Ogilvie was unable to

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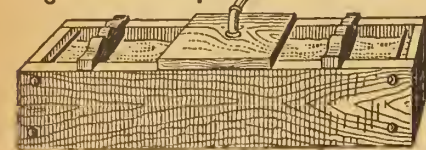
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go over the classes Thursday on account of illness, and was replaced by Messrs. J. G. Truman, of Bushnell, Ill., and Mr. Galbraith & Son, Janesville, Wis. All the exhibitors seemed well pleased with the awards, and satisfaction marked the Clyde show throughout the fair.

AWARDS.

Aged Stallion (Over Four Years of Age)—First, A. G. Soderberg, on Clau Stewart (11658); second, McLay Bros., on Prince Punctual 9644; third, W. W. Garner, on Captor 12027.

First place was awarded to Mr. Soderberg on type and cleanliness of limb, with lots of quality throughout, while the second prize winner was not quite the type, and a little coarse. A Barou's Pride stallion was awarded the third money, but was not up to the really high class of the get of that sire. Fourteen entries appeared in this ring.

Three-Year-Old Stallion—First, A. G. Soderberg, on Ethelbert 12025; second, A. G. Soderberg, on Tartau 12024; third, McLay Bros., on St. Columbia 1142.

General symmetry of form, with a full-made body, and strong bone, and large feet won first for Ethelbert in a class of six. Second place went to a stallion not quite so good in type as the winner, but deeper-bodied and more massive of frame than the third one, St. Columbia.

Two-Year-Old Stallion—First, A. G. Soderberg, on Black Douglass (Vol. XXIX.); second, A. G. Soderberg, on Black Acme (12855); third, McLay Bros., on Gold Anchor 12564. An easy class, first being won on style, and the round-ribbed, symmetrical type, with lots of quality, which marks the Clyde. There were only four entries.

Yearling Stallion—First, McLay Bros., on Cavalier 12561; second, McLay Bros., on Golden Prince 12346; third, Shekleton, on William McKinley 12372.

Cavalier went to the head of a rather common class of four young ones without much deliberation on Mr. Ogilvie's part.

Horse Foal—First, T. D. Tice & Son, on Reciprocity; second A. G. Soderberg, on Osco Captor.

Three-Year-Old or Over, Bred by Exhibitor—First, McLay Bros., on Prince Punctual 9314; second W. V. Hixson, on Rosemack 10406; third, August Post, on Wayside Douglass.

A sort of strawberry roan with white feet is Prince Punctual who won first in a class of six on massiveness of build, and high quality of feet, the good sound kind which the Scotchman likes to see so well in the Clydes.

Stallion Under Three, Bred by Exhibitor—First, Jas. Pedley, Algona, unnamed entry; second, McLay Bros., on Golden Prince; third, A. G. Soderberg, on Byron's Prince.

Mare Over Four Years—First, McLay Bros., on Princess Goodwin 9849; second Queen of the Clydes 10934; third, A. G. Soderberg, on Osco Queen 10649.

Princess Goodwin is a bay of good quality, standing strongly on good feet, with good slope of pastern, and massive of build. She won without trouble over five competitors.

Three-Year-Old Filly—First, McLay Bros., on Lady Graceful 11118; second, A. G. Soderberg, on Osco Sweetness 11117; third, A. G. Soderberg, on Osco Kerney 11209.

Two-Year-Old Filly—First, McLay Bros., on Point Lace 11586; second, A. G. Soderberg, on Osco Bloss 12056; third, McLay Bros., on Thorncliffe Queen 12456.

Mare Foal—First, W. V. Hixson, on Peach Blossom; second McLay Bros., unnamed entry.

Peach Blossom is a good, growthy colt, with lots of promise.

Mare Over Three, Bred by Exhibitor—First, McLay Bros., on Princess Goodwin; second,

Jas. Pedley, on Queen of the Clydes; third, McLay Bros., on Lady Graceful.

The winners here were winners in the open classes, the first two winning in the aged class and the third in the three-year-old class.

Mare Under Three, Bred by Exhibitor—First, McLay Bros., on Point Lace 11586; second, W. V. Hixson, on Palmerston's Darling; third, W. V. Hixson, on Peach Blossom.

These mares were the winners in their respective classes, Point Lace in the two-year-old class, Palmerston's Darling in yearling class and Peach Blossom in foal class; style, quality and more desirable feet and legs won for McLay Bros.' protegee, Peach Blossom is a beautiful little foal with all kinds of quality.

Get of Stallion—First, A. G. Soderberg, on get of Hard Times 115, the sire of nearly all of his show herd; second, W. V. Hixson, on get of Palmerston (10389).

Produce of Mare—First, McLay Bros., on pair out of Gold Leaf; W. V. Hixson, on produce of Princess Rose by Cedric; third, A. G. Soderberg, on produce of Osco Gorey.

Best Four Animals, Bred by Exhibitor—First, McLay Bros.; second, W. V. Hixson; third, A. G. Soderberg.

Best Group of Five, Owned by Exhibitor—McLay Bros. won, being only entry. Champion American Bred Stallion, Any Age—McLay Bros., on Prince Punctual.

PERCHERONS.

Supporters of the Percheron breed of horses have reason to be proud of the showing made by the representatives of this breed at Des Moines. Since it was the opening fair of the season, only a medium show was expected, but the hopes of the few who had this section in charge were more than realized when 140 head had to be supplied stall room. The barns were taxed to their full capacity. A great deal better showing was made than last year, both as to numbers and quality. The stallion classes brought out a number of well-fitted entries from the McLaughlin stables, the other breeders not having so high a finish on their horses as this firm. However, that did not prevent the outsiders from breaking into the money, as usefulness carries more weight in judging than does finish. In the mare classes very breedy females were the order all through, no highly pampered stuff being present in these classes. McLaughlin Bros. had some newly imported winners from France that made the competition very interesting in the aged, the three-year-old, and two-year-old stallion classes. Lakewood farm deserves special mention for the high class of their females and young stock by Calypso. The old champion has proved a most excellent getter and is one more of the show winners that have helped disprove the statement that "show stock are not good breeders." The large number of entries made good classes, and the task of picking the winners was no easy one. Professor Kennedy, however, made the awards to the satisfaction of all concerned. The following firms had entries: McLaughlin Bros., Columbus, Ohio; H. G. McMillan, Rock Rapids, Iowa; S. B. Frey, Ames, Iowa; Lew W. Cochran, Crawfordville, Ind.; C. A. Saunders, Manila, Iowa; Frank Iams, St. Paul, Neb.; W. W. Garner, Des Moines, Iowa; Maasdam & Wheeler, Fairfield, Iowa; J. A. Mason, Carlisle, Iowa; J. P. Wilson, Indianola, Iowa; F. O. Nutting & Son, Indianola, Iowa; J. P. Huff, Stockport, Iowa; W. L. De Clow, Cedar Rapids, Iowa; Finch Bros., Verona and Joliet, Ill.; and John Ogle, Ames, Iowa.

AWARDS.

Aged Stallions—First, McLaughlin Bros.; second, H. G. McMillan & Co.; third, S. B. Frey.

Etraderant 40553, an imported horse never shown before in America, won over the winner at last year's International. He has a good record behind him of winnings in France, and is a great horse. He won over Olbert 42815, the large dappled gray, on his style and quality and a little more symmetrical build. Olbert has lots of substance, the right kind of timber under him, and goes with clean stride. Montelle 25223 is a home bred horse, of good substance and style, but not so smoothly made as the first and second winners. Montelle moves fairly straight away, and is supported on good, clean limbs, with sound feet.

Three-Year-Old Stallion—First, McLaughlin Bros.; second, F. D. Nutting & Son; third, Frank Iams.

Dimitri 41289, a dark iron gray with lots of flash and vigor in his going, took first over an iron gray, Coco 35856, of most solid build. The first winner had a little too much

quality all through, and especially his limbs, the limbs of a drafter. His action at the walk was straight away and he picked up cleanly, while at the trot he showed all the flash and show one could desire in a Percheron. Coco is a solidly-built fellow, strongly made all through, the kind with a good body, and good at both ends. He is a little trimmer than Harrison (56902), Iams' horse, a horse of good type, being the low-down, blocky sort, a "character" which stood him in good stead here, as it was the one thing more than all else that gave him the place over the two or three other good ones that followed next in line. This class had several good ones in it, and to pick the winner out of the twenty-one entries required much time and deliberation on Judge Kennedy's part.

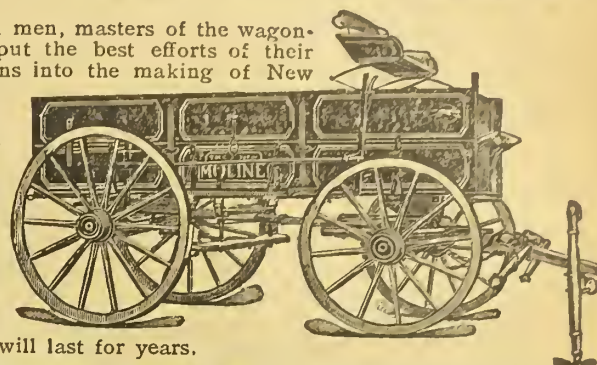
Two-Year-Old Stallion—First, C. O. Saunders; second, McLaughlin Bros.; third, McMillan.

Lerido 2d, a home-bred horse, won over Yousouf 41303 in a close competition, there being again twenty-one entries shown. Be-

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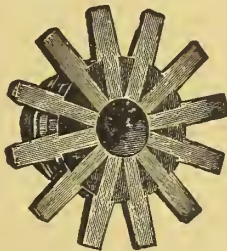


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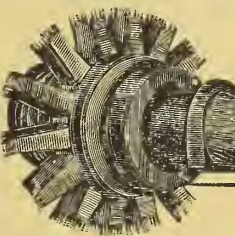
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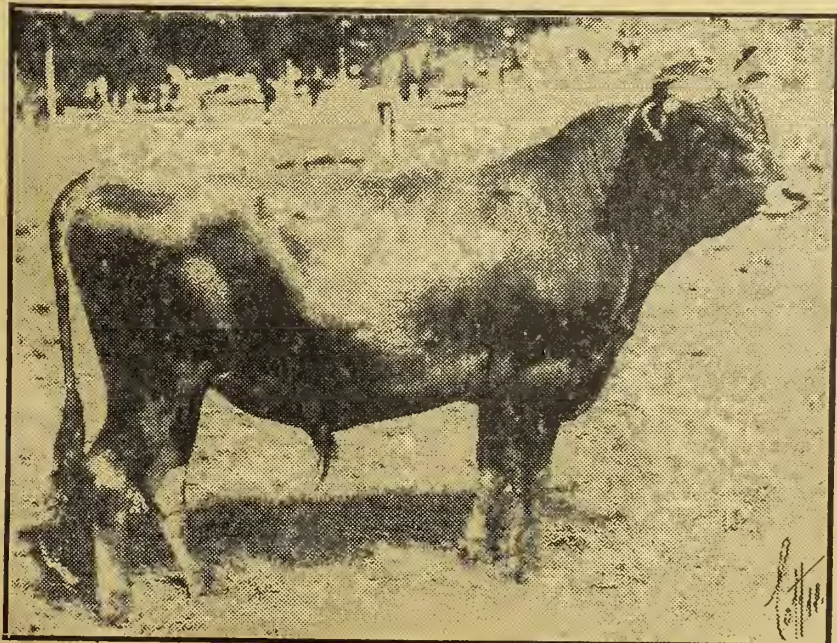
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tween the first two the decision rested on small points. Yousouf is a very stylish fellow when viewed from front, and somewhat the same from the side, but scarcely stands examination from the ends so well. Lerido 2d had him bested there, and with a good symmetrical type, made up for the lack in style when moved. Renvier 45552, a Calypso colt, is solid and snugly turned, with good type, but is a little dull and lazy when on the go. However, his excellent muscling on fore arm and gaskin, his good, trim legs and extra feet, and general type, were enough to win over those that stood below him.

Yearling Stallion—First, Lew Cochran; second, McLaughlin Bros.; third, McMillan.

Amerigo 41266 stood first in a class of eight over Vapoureux 41343, a good-looking black, more massive than Amerigo, but lacking in that all important horse requirement—good, strong backs. Amerigo is smaller by perhaps 150 or 200 pounds, but is strongly made all over, and shows it while mov-



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ing. Vapoureux is wide at the hocks, and has too much of a tendency to weakness, so much so that the third yearling, Diaz 45550, another Calypso colt, might have beaten him, even though not nearly up to his massive-ness.

Horse Foal—First, S. B. Frey; second, J. P. Huff; third, Maasdam & Wheeler.

Stallion Over Three, Bred by Exhibitor—First, S. B. Frey; second, McMillan; third, Maasdam & Wheeler.

Montelle, third winner in the general class, was an easy first here over Parsifal, McMillan & Co.'s entry. Agricola 41318 had third easily.

Stallion Under Three, Bred by Exhibitor—First, C. A. Saunders; second, Lew Cochran; third, McMillan & Co.

Lerido 2d had it all his own in this class, being followed by McDuff 41257, a young yearling of good quality and build. Renvier 45552, winner of third in same open class as Lerida 2d, was third.

Aged Mare—First, L. W. Cochran, on Lady Montrose 40048; second, F. O. Nutting & Son, on Kate Dewey; third, Maasdam & Wheeler, on Fanchette 44029.

Three-Year-Old Mare—First, McMillan & Co., on Iolanthe 40825; second, L. W. Coch-

on Lucia 45551; third, Albert Harlan, on Victoria.

Stronger pasterns and more heavily-muscled legs, supporting a blockier frame, won over Lucia, who is a little on the over-fine type, and not so rugged as Merchants' Princess.

Mare Foal—First, S. B. Frey, on Charlotte; second, L. W. Cochran, on Mishap 41258; third, F. F. Failor, on May Queen.

Mare Over Three, Bred by Exhibitor—First, H. G. McMillan, on Iolanthe; second, L. W. Cochran, on Lady of Quality; third, L. W. Cochran, on Lady Montrose.

Mare Under Three, Bred by Exhibitor—First, H. G. McMillan, on Adrienne; second, L. W. Cochran, on Arabella; third, H. G. McMillan, on Rosamond.

Get of Stallion—First, H. G. McMillan, on get of Calypso; second, L. W. Cochran, on get of Salvano; third, S. B. Frey, on Montelle's get.

McMillan had a wonderfully promising lot of youngsters by old Calypso in this ring, and they won easily by virtue of their uniformity and general breedy appearance.

Produce of Mare—First, S. B. Frey, Ames, Iowa, second, L. W. Cochran, on produce



Champion Jersey Cow. Owned by J. B. Smith, Beatrice, Nebraska.

ran, on Her Majesty 41265; third, McMillan & Co., on Antoinette 40925.

Iolanthe won by virtue of her stronger hocks, with more slope of shoulder and pastern, the second entry being inclined to a little straightness of pastern and not so strongly coupled. The third winner was inclined to go a little off on her ankles. First, and third were by Calypso.

Two-Year-Old Filly—First, McMillan & Co., on Adrienne 45555; second, L. W. Cochran, on Arbella 41260; third, McMillan & Co., on Rosamond 45547.

First money went to a Calypso colt of good type and action, a little more smoothly and strongly built than Arbella. Rosamond is a good filly, but a little green and unused to the show ring.

Yearling Filly—First, W. W. Garner, on Merchants' Princess; second, H. G. McMillan, of Black Beauty; third, H. G. McMillan, on produce of Norma.

Mr. Frey's entries, the dam of which was unnamed, were a beautiful pair, of good type and excellent quality, which had little trouble in winning over the second two. The Norma colts are an uneven pair, but good ones.

Grand Display, Four Animals Bred by Exhibitor—First, H. G. McMillan; second, L. W. Cochran; third, S. B. Frey.

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Champion Group of Five or More, Belonging to Exhibitor—Gold medal, won by McMillan & Co.; reserve, L. W. Cochran.

ENGLISH SHIRES.

Some fifty head of English Shires were on exhibition in the big barns. Among this number were some good, drafty horses of quality and of the right breeding sort. Classes were not very full and the judging was a comparatively easy task. R. B. Ogilvie was unable to go through the whole breed and Mr. Galbraith finished for him. As a rule the horses shown were of the leggy kind, and lacked substance, although some few were shown of good, massive type. Exhibitors: Finch Bros., Verona and Joliet, Ill.; Trumans' Pioneer Stud Farm, Bushnell, Ill.; Lew W. Cochran, Crawfordsville, Ind.; M. O. Traylor, Marne, Iowa; A. G. Soderberg, Osco, Ill.

AWARDS.

Aged Stallion—First, Trumans' Pioneer Stud Farm, on Highland Laddie (22976); second, Trumans' Pioneer Stud Farm, on Ethelred III. (21407); third, Trumans' Pioneer Stud Farm, on Duke Albert (20439). All three prizes were Trumans', the wearer of the blue being a black of good bottom, and better on hoof than any in his class of eight stallions. His action was not quite so smooth as Duke Albert's, but the Duke was a little leggy, and not enough draftiness of type. Ethelred is a light brown, of fair build, but a little slack on moving, not showing vigor and lacking a little in style.

Three-Year-Old Stallion—First, Trumans' Pioneer Stud Farm, on Norman Emperor (23554); second, M. O. Traylor, on Northolme Gipsy Queen (22639); third, Finch Bros., on Barnfield All Fours 7609.

Two-Year-Old Stallion—First, Trumans' Pioneer Stud Farm, on Galety Banker 7714; second, Lew W. Cochran, on John D. 8421; third, Finch Bros., on Verona Bounder 7897. Galety Banker won with comparative ease in this class, the close placing being between second and third. John D. is a stallion with a good middle and lots of massiveness for a two-year-old, is stronger coupled and a better goer than Verona Bounder.

Yearling Stallion—First, A. G. Soderberg, on Noble King; second, Finch Bros., on Finch's Bounder; third, Finch Bros., on Finch's Buster Brown. Noble King is a smoothly-turned youngster of much promise.

Stallion Foal—First, Finch Bros., on Algonic Champion; second, L. W. Cochran, on Zero.

Stallion Over Three Years, Bred by Exhibitor—First, Finch Bros., on Cyclone.

Stallion Under Three Years, Bred by Ex-

hibitor—First, Finch Bros., on Galety Banker; second, A. G. Soderberg, on Noble King; third, Finch Bros., on Finch's Buster Brown. Galety Banker is a two-year-old of much merit, and gives promise of growing into a great stallion.

Aged Mare—First, Trumans' Pioneer Stud Farm, on Trumans' Ponders Bridge Daisy (45964); second, A. G. Soderberg, on Osco Rose; third, Trumans' Pioneer Stud Farm, on Trumans' Oakham Lydia (48938). Only four mares entered the ring, but they made a good, drafty lot and made a much better showing than the stallions with a larger class. A lighter-built mare, yet possessing more quality and cleaner limbs than the other three, Trumans' Daisy, won first. Her action was evenly balanced and straight-away. Osco Rose is only a fair mover, but has good feet with a massive form. Trumans' Lydia is a little on the light order and not a very steady goer, but has excellent quality.

Three-Year-Old Filly—First, Trumans' Pioneer Stud Farm, on Trumans' Oakham Madge (48939); second, Finch Bros., on Bay Girl 8304.

Yearling Filly—First, Lew W. Cochran, on Minnehaha; second, Finch Bros., on Verona Belle II.

Mare Over Three, Bred by Exhibitor—First, A. G. Soderberg, on Osco Rose.

Mare Under Three, Bred by Exhibitor—First, L. W. Cochran, on Favorite 8419; second, A. G. Soderberg, on Osco Sylvia 8206; third, L. W. Cochran, on Minnehaha 8422.

Get of Stallion, Four Animals—First, L. W. Cochran, on get of Buckskin 5110; second, Finch Bros., on get of Dunsmore Justice.

Produce of Mare—First, L. W. Cochran, on produce of Lanahan Beauty; second, A. G. Soderberg, on produce of Duchess; third, Finch Bros., on produce of Mahomet Belle.

Grand Display, Four Animals Bred by Exhibitor—First, L. W. Cochran; second, Finch Bros.

COACHERS.

The French and German coaches were classed together, there being then only two divisions, one for stallions over four and one for three-year-olds. Some good actors were brought out, but the classes throughout were not so well filled as in former years. There were some good ones, just the same. Exhibitors were: McLaughlin Bros., Columbus, Ohio; Frank Iams, St. Paul, Neb.; Peter Frohling, Webster City, Iowa, and Alexander Calder, Fremont, Neb.

AWARDS.

Stallion Over Four Years—First McLaughlin Bros., on Crossville 4055; second, McLaughlin Bros., on Cassie Tete 4101; third, Frank Iams, on Lublin's Chief (336).

Three-Year-Old Stallion—First, McLaughlin Bros., on Dactyle 4125; second, McLaugh-

lin Bros., on Diamant 4121; third, Frank Iams, on Lubbin's Favorite (338).

ENGLISH COACH BREEDS, CLEVELAND BAY AND HACKNEY.

Trumans' Pioneer Stud Farm, Bushnell, Ill., were the only exhibitors and were awarded the blue ribbon in each of four classes. They had a string of good ones, and their stalls were the center of attraction during the week.

DRAFT GELDINGS OR MARES.

Iowa has never been able to support very many entries in the draft gelding and mare class, and this year proved no exception to the rule. Armour & Co., of Chicago, entered individuals from their six-horse team and naturally won some premiums. Other exhibitors in these classes were H. G. McMillan, of Rock Rapids, Iowa; Lew Cochran, of Crawfordville, Ind.; the Truman Pioneer Stud Farm, of Bushnell, Ill., and J. F. McKee, of Indianapolis, Iowa. In the single mare or gelding class over 1,750 pounds Armour won first, Cochran second, McKee third; pair of mares or geldings under 3,500 pounds, Truman won first, Cochran second and McKee third; pair of mares or geldings over 3,500 pounds, Armour won first, Cochran second. Cochran won the four-horse team premium, there being no other entry.

SHETLAND PONIES.

Shetlands are always popular, and were this year more than ever. The large tent, just west of the judging pavilion, sheltered seventy tiny ones, which proved their popularity by the way with which the tent was crowded at all times of the day by women and children. In the judging ring the little fellows made a most attractive showing when ponies in harness were passed on, and many good specimens of this diminutive breed appeared in this class. Many sales were made in the tent and prices realized more than recompensed the owners. J. I. Gibson, of Des Moines, was judge. The following herds were represented: W. W. Garner, Des Moines, Iowa; John Donhowe, Story City, Iowa; Cassidy & Thompson, Jamaica, Iowa; C. H. Stone, Muscatine, Iowa; W. T. Roberts, Luther, Iowa; H. L. Anderson, Des Moines, Iowa; J. B. Brown, Guthrie Center, Iowa.

AWARDS.

Stallion Three Years or Over—First, W. W. Garner, on Peter the Great; second, John Donhowe, on Black Bantam; third, John Donhowe, on Anton.

Stallion Foal—First, John Donhowe, on Fox; second, W. T. Roberts, on Tommy Britton; third, Cassidy & Thompson, on Pedro.

Mare Three Years or Over—First, W. W. Garner, on Maudie; second, John Donhowe, on Nellie Grey; third, Cassidy & Thompson, on Mattie.

Mare Foal—First, Cassidy & Thompson, on Gladys; second, W. T. Roberts, on Sprite; third, Cassidy & Thompson, on Lucille.

Shetland Stallion and Four of His Get—First, Cassidy & Thompson; second, John Donhowe.

Shetland Pony in Harness—First, W. W. Garner, on Peter the Great; third, Cassidy & Thompson, on Mattie 4754.

Pair Shetlands in Harness—First, W. W. Garner, on Peter the Great and Trixy; second, John Donhowe, on Black Bantam and Dot; third, W. T. Roberts, on Topsy and Pearl.

Tandem Team Shetlands—First, W. W. Garner, on Peter the Great and Trixy; second, John Donhowe, on Black Bantam and Dot; third, W. T. Roberts, on Topsy and Pearl.

Shetland Pony Under Saddle—First, H. L. Anderson, on Folly; second, John Donhowe, on Beauty; third, W. W. Garner, on Peter the Great.

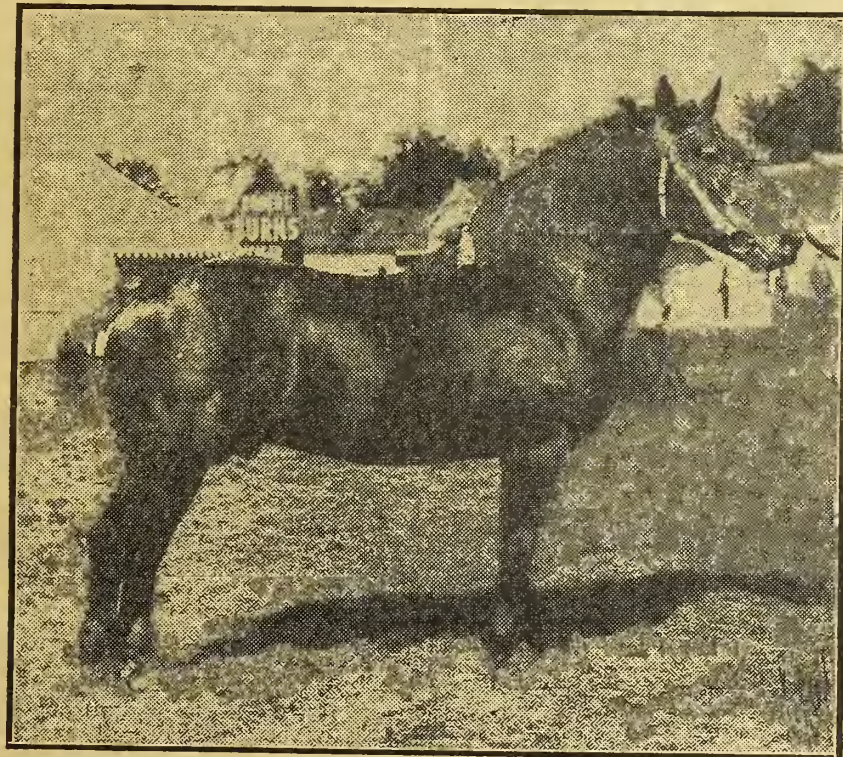
SWINE.

The bringing together of practically 3,000 pure-bred hogs is an event in itself of unusual interest, and as that number were on exhibition at the Iowa State Fair grounds last week it is not a matter of surprise that the hog department held its own with all others in maintaining throughout the week the interest of fair visitors. Superintendent Johnson, of that department, had an exceedingly difficult task on his hands, because there were hundreds of pens applied for that could not possibly be supplied. Almost every hole and corner where a pen could be erected were utilized, and necessarily some exhibitors were disappointed in the quarters furnished them. This is the fault of neither Mr. Johnson nor the board of directors of the fair, because the state of Iowa has refused up to date to appropriate funds for the erection of suitable quarters for the swine exhibit. The fact that the weather was perfect throughout the week contributed much to the comfort of exhibitors. A similar fair in had weather would be unendurable, and we sincerely hope that the next legislature will be liberal-handed enough to supply the needed improvements for this department. The swine industry of the state is so large that anything but the best equipment at the state fair for this class is false economy. The opportunity which is afforded visitors for seeing the prize animals in the ring at present is inhuman, and when the weather is hot it is dangerous to show the heavy fat hogs in the sun. We doubt if a single argument can be advanced for neglecting this department any longer.

DUROC JERSEYS.

The Duroc hog show at the Iowa State

Fair this year, as was expected, was a very large one. Possibly there were not quite as many numbers entered as last year, but it was generally conceded by all who looked them over that the offering was better in every respect. Messrs. L. H. Roberts, of Paton, Iowa, and W. Z. Swallow, of Booneville, Iowa, both experienced swine breeders, were the judges. They did their work in a conscientious manner and pleased practically all exhibitors, so far as possible. Something over 1,000 Durocs were on the grounds. The number of exhibitors from Iowa and surrounding states amounted to some eighty-five. An exceptionally strong class was the two-year-old or over boar offering, there being twenty shown. Messrs. Johnston Bros. & Newkirk and C. W. & Wm. Reed, of Rose Hill, Iowa, owners of the boar, Advancer, won first in this class, while Manley & Co., of Lyons, Neb., took second on Junior Jim by Chitwood. It was no easy matter to judge this class, as was noted by the time taken by the judges in placing the ribbons, practically two hours being devoted to this class alone. In the under six months boar class there were not as many shown this year as last, there being 110 head last year, while this year only sixty-one head were entered. Breeders, however, were satisfied that this was enough to afford strong competition. First prize was also won by Johnston Bros. & Newkirk and C. W. & Wm. Reed on pig by Model Chief out of dam known as Bessie D. The champion sweepstakes boar of any age was awarded to H. S. Allen, of Russell, Iowa, on Crimson Wonder Again. This again shows that good blood tells, as the sire of Crimson Wonder Again, Crimson Wonder I Am, won sweepstakes at the Iowa fair in 1905. The champion boar bred by exhibitor was awarded to Johnston Bros. & Newkirk and C. W. & Wm. Reed on Advancer. Edmonds, Shade & Co., of Kingsley, Iowa, took the sweepstakes champion on sow, also champion on sow bred by exhibitor, Royal Blossom 5th by American Royal. There were four entries in this class. F. E. Garrett, of Lohrville, Iowa, has a decidedly good individual in Ruberta by a half brother of Crimson Wonder. Many Duroc breeders had practically decided that she would be the winning champion sow any age, and it was indeed hard to decide just who would secure this honor. Messrs. Roberts and Swallow in judging did not act hastily, but gave every class



First Prize Aged Percheron Stallion, Etragedant, Owned by McLaughlin Bros., Columbus, Ohio.

its own good time, and general satisfaction was accorded.

The following herds were represented: Hanson Bros., Dean, Iowa (8 head); F. M. Smith, Panama, Iowa (10 head); E. J. Compton, Newell, Iowa (13 head); O. L. Mossman, Polk City, Iowa (13 head); W. A. Rankin, Carson, Iowa (7 head); Geo. Kopf, Farrar, Iowa (9 head); Otis & Clayton, Orient, Iowa (1 head); B. C. Marts, Polk City, Iowa (12 head); G. W. Stout, Rose Hill, Iowa (16 head); John Henderson, Panora, Iowa (14 head); F. H. Herring, Iowa City, Iowa (10 head); W. D. Kail, Carlisle, Iowa (11 head); D. B. Davenport, Avon, Iowa (11 head); C. A. McCune, Menlo, Iowa (21 head); O. E. Osborn, Weston, Iowa (15 head); May & Porter, Remington, Ind. (19 head); H. C. Nichols, West Liberty, Iowa (12 head); S. Edwards, Bondurant, Iowa (16 head); E. & C. V. Beaver, Anita, Iowa (15 head); W. L. Willey, Menlo, Iowa (15 head); F. Fowler & Son, Menlo, Iowa (35 head); R. J. Harding,

(26 head); Edmonds, Shade & Co., Kingsley, Iowa (19 head); E. D. Michael, Selma, Iowa (15 head); A. P. Alsine, Boone, Iowa (23 head); Gilbert Van Patten, Sutton, Neb. (16 head); Charles Van Patten, Sutton, Neb. (12 head); H. W. Davidson, Brooklyn, Iowa (19 head); H. A. Sexsmith, Greenfield, Iowa (11 head); W. J. Prather, Russell, Iowa (9 head); Pease & Pinck, Colfax, Iowa (6 head); E. H. Henderson, Central City, Iowa (12 head); C. R. Mills, Central City, Iowa (12 head); W. R. Bennethum, Madrid, Iowa (11 head); J. O. Reece, Eldora, Iowa (4 head); Watson Bros., Creston, Iowa (10 head); G. W. Miller, Chariton, Iowa (7 head); W. F. Stout, Delta, Iowa (11 head); John Justice, Ankeny, Iowa (18 head); Roy West, Bondurant, Iowa (18 head); E. J. Brown, Osceola, Neb. (8 head); John Weighton, Audubon, Iowa (11 head); F. E. Garrett, Lohrville, Iowa (1 head); A. L. Lynne, Mt. Airy, Iowa (11 head); U. G. Davidson, Manson, Iowa (8 head); A. E. Poush, Char-

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Macedonia, Iowa (11 head); H. S. Allen, Russell, Iowa (18 head); C. R. Mills, Central City, Iowa (7 head); J. D. Pollock, Thayer, Iowa (26 head); C. A. Wright, Rosendale, Mo. (14 head); W. H. Rodenbaugh, Macedonia, Iowa (3 head); D. Hills, Cedar Falls, Iowa (6 head); Easton Bros., Galva, Iowa

iton, Iowa (13 head); M. M. Elmendorf, Lacona, Iowa (14 head); A. T. Sundell, Paton, Iowa (17 head); M. C. Cramer, Monroe, Iowa (15 head); J. E. Wehr, Portsmouth, Iowa (17 head); J. W. Reynolds & Son, Defiance, Iowa (12 head); W. A. Kirkpatrick, Lincoln, Neb. (6 head); John M. Morrison & Sons, College View, Neb. (2 head); Ernest E. Henderson, Central City, Iowa (3 head); O. E. Mickey, Osceola, Neb. (4 head); Riel & Cooper, Ferris, Ill. (18 head); E. Z. Russell, Blair, Neb. (14 head); Manley & Co., Lyons, Neb. (21 head); Z. I. Grout, Tingley, Iowa (9 head); Geo. R. Manifold, Shannon City, Iowa (10 head); Perfection Chief Stock Company, Maryville, Mo. (1 head); Chas. Van Patten, Sutton, Neb. (11 head); Sheldon Bros., Shannon City, Iowa (10 head); Grant White, Alton, Iowa (10 head); C. M. Dewey, Shannon City, Iowa (6 head); F. A. Strong, Orient, Iowa (10 head); A. N. Vogue, Portsmouth, Iowa (6 head); P. B. Lake, Moscow, Iowa (10 head); A. L. Bergsten, Mt. Union, Iowa (8 head); Ira Jackson, Tippecanoe, Ohio, (14 head); Johnston Bros. & Newkirk, Brooklyn, Iowa, and C. W. & Wm. Reed, Rose Hill, Iowa (32 head); W. S. Elliott & Co., West Liberty, Iowa (20 head); Dave Nauman, West Liberty, Iowa (14 head); S. P. Freed, Ames, Iowa (13 head); a total of 1,001 head.

AWARDS.

Boar Two Years or Over (20 in class)—First, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Advancer by Advance, dam Lucy; second, Manley & Co., on Junior Jim by Chitwood, dam by Goldust Jim; third, E. Z. Russell, on Glendale Critic by Tolstoi, dam Ohio Anna VIII.; fourth, Ira Jackson, on King Gold Coin, dam Pocahontas by Top Notcher; fifth, Ayers & Reece, on Iowa Notcher by Top Notcher, dam Cedarvale Queen 2d; sixth, S. P. Freed, on Manley Orion by Old Orion, dam Zoo V.

Boar Eighteen Months and Under Two Years (7 in class)—First, Easton Bros., on Iowa Top Notcher by Ohio Notcher, dam Lucy Advance; second, H. A. Sexsmith, on King Top Notcher by Wapsy King; third, A. P. Alsine, on Advance Dandelion by Proud Advance; fourth, Manley & Co., on Proud Monarch by Proud Advance, dam Proud Princess; fifth, Edmonds, Shade & Co., on Tokio by Oom Paul; sixth, May & Porter, on Top Notcher Best by Top Notcher Again, dam Nellie 4th.

Boar One Year and Under Eighteen Months (28 in class)—First, H. S. Allen, on Crimson Wonder Again by Crimson Wonder I Am; dam Fancy Orion; second, W. J. Prather, on Tom Davis by Ben Davis, dam Orange Blossom; third, A. N. Voge, on Crimson Wonder I Am 2d by Crimson Wonder I Am, dam Orion's Fancy; fourth, E. Z. Russell, on Critic's Echo by Critic, dam Boh's Nancy; fifth, Henderson & Mills, on Crimson O. K. by Glendale Critic, dam Fancy West; sixth, Ira Jackson, on Butler Orion by Orion Chief, dam King Lady.

Boar Six Months and Under One Year (21 in class)—First, Ira Jackson, on Kruger Lad by Kruger, dam Orion Lady; second and third, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on pig by Advancer, dam Fashion Queen 10th and Bessie D.; fourth, J. E. Wehr, on Iowa Chief by Munson's Perfection, dam Lady Wheeler; fifth, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on pigs by Advancer, dam Fashion Queen; sixth, C. Van Patten, on Red Jack by Red Reuben.

Boar Under Six Months (61 in class)—First, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on pig by Model Chief, dam Bessie D.; second, G. Van Patten, on pig by Beauty Wilkes, dam Lulu Girl; third, Geo. W. Stout, on pig by Model Chief, dam Rose Hill Bell; fourth, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on pig by Advancer, dam Queen; fifth, W. L. Willey, on pig by St. Louis; sixth, F. A. Strong, on pig by Ohio Chief, dam Valley Lady by Reed's Banker.

Sow Two Years or Over (23 in class)—First, Edmonds, Shade & Co., on Royal Blossom 5th by American Royal, dam Royal Blossom; second, E. J. Compton, Newell, Iowa, on Shady Nook Beauty by Buena Vista, dam Audrey B.; third, Geo. R. Manifold, on Violet M. by Echo King, dam Violet; fourth, Ira Jackson, on Faust Pride by Kant Be Beat, dam Cedarvale Queen; fifth, Manley & Co., on Bethel by Young John, dam Osborn's Best; sixth, O. E. Osborn, on Allen's Maid by Leather Stockings, dam Nellie A.

Sow Eighteen Months and Under Two Years (6 in class)—First, Ira Jackson, on

Cut off that cough with

Jayne's Expectorant

and prevent pneumonia, bronchitis and consumption.

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King Lady 1st by Orion Chief, dam King Lady; second, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Lucy Advance 2d by Advance, dam Lucy D. 2d.; third, Ira Jackson, on King Lady 2d by Orion Chief, dam King Lady; fourth and fifth, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Iowa Lady and Queen's Fashion by Iowa Banker; sixth, Easton Bros., on Galva Lena by Orion J., dam by Orion.

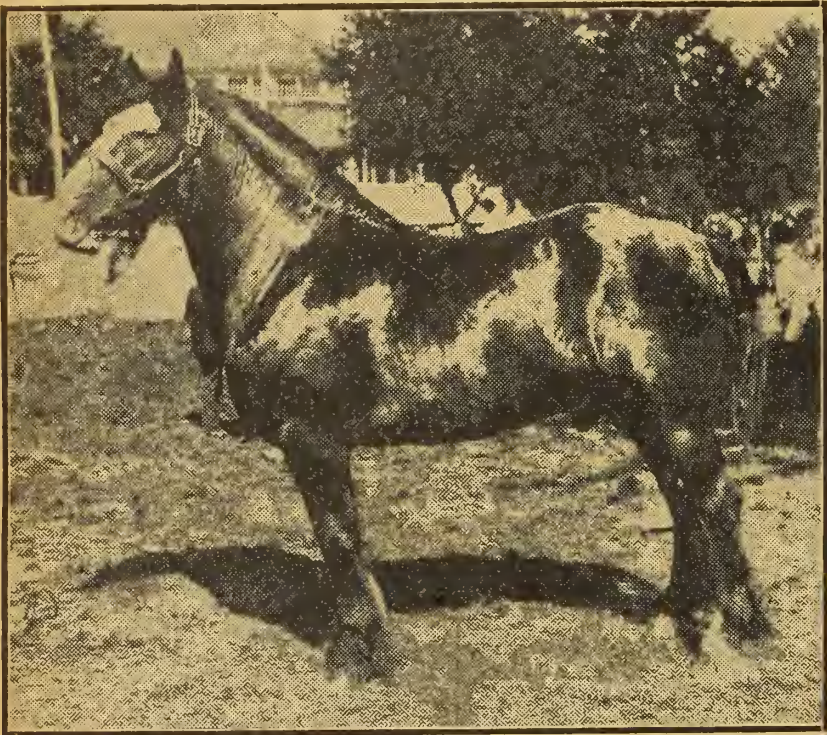
Sow One Year and Under Eighteen Months (54 in class)—First, F. E. Garrett, on Ruberta, dam Ruth G. 2d.; second, Edmonds, Shade & Co., on Lady Shadeland by Monarch Boy, dam Shadeland Queen; third, Ira Jackson, on Orion Lady by Orion Chief, dam King Lady; fourth, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Rose Advancer by Advancer, dam Fashion Queen 10th; fifth and sixth, G. Van Patten, on Model C. and Model B. by Billi K., dam Rosebud Lady.

Sow Six Months and Under One Year (48 in class)—First, Ira Jackson, on Kruger's Lady

Lad; second, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Model Chief; third, W. S. Elliott, on Uneack; fourth, G. Van Patten, on Beauty Wilkes 2d.; fifth, D. J. Pollock, on Fancy Perfection; sixth, Manley & Co., on boar by Orion.

Get of Sire, Four Swine by Same Boar, Bred by Exhibitor (15 in class)—First, Ira Jackson, on get of Kruger; second, Ira Jackson, on get of Orion Chief; third, G. Van Patten, on get of Billi K.; fourth, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on get of Advancer; fifth, Edmonds, Shade & Co., on get of American Royal; sixth, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on get of Advancer.

Four Pigs Under Six Months, Produce of Same Sow, Bred by Exhibitor (11 in class)—First, G. Van Patten, on Billi K., dam Miss Morton; second, Jno. Weighton, on Proud Advancer, dam Fay's Choice; third, J. W. Stout, on Model Chief, dam Rose Hill Belle; fourth, Geo. R. Manifold, on Proud Advance,



First Prize Three-year-old Clydesdale Stallion, Ethelbert, Owned by A. G. Soderberg, Osco, Illinois.

by Kruger, dam an Orion sow; second, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on pig by Advancer, dam Bessie D.; third, F. H. Herring, on Sweet Marie by Reliance, dam Kant's Lulu; fourth, Edmonds, Shade & Co., on pig by American Royal, dam Lady Duicic; fifth, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on pig by Advancer, dam Big Nellie; sixth, E. Z. Russell, on pig by Glendale Critic, dam Belle's Z.

Sow Under Six Months (60 in class)—First, Jno. Weighton, on pig by Proud Advancer, dam Fay's Choice; second, G. Van Patten, on pig by Billi K., dam Miss Morton 1st; third, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on pig by Model Chief, dam Fashion Queen 6th; fourth, W. L. Willey, on pig by Savannah's Best, dam Menlo Belle G.; fifth, Charles Van Patten, on pig by Billi K., dam by Red Reuben; sixth, Manley & Co., on pig by Junior Jim, dam Golden Lady R. by Golden Perfection.

Aged Herd Boar and Three Sows Over One Year (11 in class)—Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Advancer; second, Manley & Co., on Junior Jim; third, Ira Jackson, on King Gold Coin; fourth, E. Z. Russell, on Glendale Critic; fifth, Easton Bros., on Iowa Notcher; sixth, G. Van Patten, on Golden King.

Aged Herd Boar and Three Sows Over One Year, Bred by Exhibitor (10 in class)—First, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Advancer; second, Ira Jackson, on Orion King by Orion Chief; third, E. Z. Russell, on Critic's Echo; fourth, Manley & Co., on Proud Monarch; fifth, G. Van Patten, on Golden King; sixth, Proud Advance Company, on Brilliant Advance.

Young Herd, Boar and Three Sows Under One Year (12 in class)—First, Ira Jackson, on Kruger Lad; second, Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Model Chief; third, W. S. Elliott & Co., on Uneack by Newton Lad; fourth, G. Van Patten, on boar by Beauty Wilkes 2d.; fifth, D. J. Pollock, on Fancy Perfection; sixth, Manley & Co., on boar by Orion.

Boar and Three Sows Bred by Exhibitor (12 in class)—First, Ira Jackson, on Kruger's

dam Nan Orion; fifth, O. E. Osborn, on Orion Model, dam Dora G.; sixth, M. M. Elmen-dorf; seventh, C. A. Wright, on Challenger, dam Cerle by Sneed's Champion.

Champion Boar, Any Age—H. S. Allen, on Crimson Wonder Again.

Champion Boar, Any Age, Bred by Exhibitor—Johnston Bros. & Newkirk and C. W. & Wm. Reed, on Advancer.

Champion Sow, Any Age, (4 in class)—Edmonds, Shade & Co., on Royal Blossom 5th by American Royal.

Champion Sow, Bred by Exhibitor—Edmonds, Shade & Co., on Royal Blossom 5th.

CHESTER WHITES.

There were twenty-two exhibitors of Chester Whites at the Iowa State Fair, these showing 462 animals. Taking it all in all, there were many visitors on the grounds who claimed that the Chester showing excelled all former records in the matter of quality. Messrs. Humbert & White, of Nashua, Iowa, made a showing that would stand high in any company, and the number of blue ribbons, as indicated by an examination of the prize list, which this firm won is a fair index as to the merit of their herd. Mr. L. C. Reese, of Prescott, Iowa, came in for a share of ribbons, and succeeded in capturing the champion prize for the best Chester boar on the grounds, though the firm of Humbert & White landed the champion premium on the best sow. Mr. W. Z. Swallow placed the ribbons and did it in his usual painstaking and conscientious manner. Following are the awards:

The following breeders were present with their herds: C. C. Beeler & Son, Liberty, Ind. (22 head); P. B. Lake, Moscow, Iowa (36 head); E. L. Nagle & Son, Deep River, Iowa (25 head); G. P. Clark, Pella, Iowa (6 head); E. J. Brouhard, Colo, Iowa (29 head); Geo. W. Lawshe, Harlan, Iowa (23 head); Clark Richardson, Pella, Iowa (1 head); J. L. Barber, Harlan, Iowa (24 head); B. M. Boyer, Farmington, Iowa (26 head); L. C. Reese, Prescott, Iowa (21 head); W. N. Whitted, Monroe, Iowa (15 head); E. L. Leavens, Shell Rock, Iowa (40 head); B. M. Eastburn & Son, Hillsboro, Iowa (30 head);



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Humbert & White, Nashua, Iowa (29 head); J. H. Mahanna, North English, Iowa (25 head); E. W. Harman, Rhodes, Iowa (14 head); Will Michael, Selma, Iowa (31 head); M. A. Ranck, Illinois (11 head); W. F. Hemmerling, Dike, Iowa (2 head); A. J. Johnson, Brighton, Iowa (19 head); J. W. Hollowell, Fairfield, Iowa (18 head); Allen Bros., Russell, Iowa (15 head).

AWARDS.

W. Z. Swallow, judge.

Boar Two Years or Over (12 in class)—First, L. C. Reese, on Prescott Boy; second, C. C. Beeler & Son, on General DeWitt; third, C. C. Beeler & Son, on Lawson; fourth, E. L. Leavens, on Joe; fifth, Geo. H. Lawshe, on Monarch Junior; highly commendable, Humbert & White, on Joker; commendable, Will Michael, on Captain Sheaf.

Boar Eighteen Months and Under Two Years (3 in class)—First, Humbert & White, on Humbert's Choice; second, W. F. Hemmerling, on W. F.'s Model; third, P. B. Lake, on Royal Junior.

Boar One Year and Under Eighteen Months (14 in class)—First, Humbert & White, on Harry; second, J. W. Hollowell, on Steadfast; third, E. J. Brouhard; fourth, C. C. Beeler & Son, on Lawson II.; fifth, L. C. Reese; highly commendable, Nagel & Son, on Advancer; commendable, Will Michael, on Captain Sheaf.

Boar Six Months and Under One Year (12 in class)—First, Humbert & White, on Modler; second, L. C. Reese, on Young Press; third, Nagel & Son, on Neponset Henry; fourth, G. L. Lawshe, on George II.; fifth, P. B. Lake; highly commendable, Humbert & White; commendable, Nagel & Son, on King William.

Boar Under Six Months (27 in class)—First, J. H. Mahanna, on Highscore; second, Humbert & White; third, E. L. Leavens; fourth, A. J. Johnson; fifth, Humbert & White; highly commendable, P. B. Lake; commendable, E. J. Brouhard.

Sow Two Years or Over (11 in class)—First, Humbert & White, on Sweet Marie; second, J. L. Barber, on Miss Hanna; third, E. J. Brouhard, on Iowa Belle; fourth, Humbert & White, on Judge's Choice; fifth, L. C. Reese, on Mary; highly commendable, C. C. Beeler & Son, on Indian Majd 9th; commendable, George H. Lawshe, on Cassie.

Sow Eighteen Months and Under Two Years (6 in class)—First, Humbert & White; second, C. C. Beeler & Son, on Indiana Beauty; third, E. J. Brouhard; fourth, C. C. Beeler & Son, on Queen's Model; fifth, L. C. Reese, on Fancy Win; highly commendable, C. C. Beeler & Son, on Fashion's Perfection.

Sow One Year and Under Eighteen Months (16 in class)—First, L. C. Reese, on Marie No. 1; second, Humbert & White, on Ohio Gem; third, Humbert & White; fourth, E. J. Brouhard, on Hazel; fifth, W. F. Hemmerling, on Sweet Dreams; highly commendable, J. H. Mahanna, on Gem O. K.; commendable, J. L. Barber, on Morning Star.

Sow Six Months and Under One Year (23 in class)—First, Humbert & White, on Cora B.; second, John Barber, on Proud Lady; third, P. B. Lake; fourth, L. C. Reese; fifth, E. J. Brouhard; highly commendable, C. C. Beeler & Son, on Pet Girl 2d; commendable, George H. Lawshe, on Dumping.

Sow Under Six Months—First, J. H. Mahanna, on Gem O. K. 5th; second, Humbert & White, on May 5th; third, Humbert & White, on May 6th; fourth, M. A. Ranck, on Rosy Model 3d; fifth, W. W. Whitted; highly commendable, E. J. Brouhard; commendable, E. J. Brouhard.

Boar and Three Sows Under One Year (8 in class)—First, L. C. Reese, on Prescott Boy; second, Humbert & White; third, C. C. Beeler & Son, on General DeWitt; fourth, Humbert & White, on Humbert's Choice; fifth, J. H. Mahanna, on Perfection O. K.; highly commendable, E. J. Brouhard; commendable, George A. Lawshe, on Monarch Junior.

Boar and Three Sows Over One Year, Bred by Exhibitor—First, Humbert & White; second, Humbert & White, on Humbert's Choice; third, E. J. Brouhard; fourth, J. H. Mahanna, on Perfection O. L.; fifth, L. C. Reese.

Boar and Three Sows Under One Year (8 in class)—First, J. H. Mahanna, on High Score; second, Humbert & White, on Modler; third, L. C. Reese, on Young Press; fourth, P. B. Lake, on Prince O. K. 2d; fifth, Nagel & Son, on Neponset Henry; highly commendable, E. L. Leavens; commendable, A. J. Johnson.

Boar and Three Sows Under One Year, Bred by Exhibitor (8 in class)—First, Hum-

bert & White, on Modler; second, J. H. Mahanna, on High Score; third, L. C. Reese, on Young Press; fourth, P. B. Lake, on Prince O. K. 2d; fifth, Nagel & Son, on Neponset Henry; highly commendable, E. L. Leavens; commendable, A. J. Johnson.

Four Swine Get of Same Boar, Bred by Exhibitor (8 in class)—First, Humbert & White, on Nashua Boy pigs; second, J. H. Mahanna, on High Score pigs; third, L. C. Reese; fourth, Humbert & White, on Combination pigs; fifth, E. J. Brouhard, on Enterprise pigs; highly commendable, Will Michael, on Captain Sheaf pigs; commendable, Nagel & Son, on Nagel's Banker pigs.

Four Pigs Under Six Months Produce of Same Sow, Bred by Exhibitor (9 in class)—First, J. H. Mahanna, on Gem O. K.; second, Humbert & White, on May No. 3; third, E. J. Brouhard; fourth, W. M. Whitted; fifth, A. J. Johnson, on Lady A.; highly commendable, Allen Bros.; commendable, E. L. Leavens.

Champion Boar Any Age (3 in class)—L. C. Reese, on Prescott Boy.

Champion Boar Any Age, Bred by Exhibitor—Humbert & White, on Modler.

Champion Sow Any Age—Humbert & White, on sow by Combination.

Champion Sow Any Age, Bred by Exhibitor—Humbert & White, on sow by Nashua Boy.

SPECIAL PREMIUMS BY AMERICAN CHESTER WHITE RECORD ASSOCIATION.

Boar Under Six Months—J. H. Mahanna, on High Score.

Sow Under Six Months—J. H. Mahanna, on Gem O. K. 5th.

Five Pigs Under Six Months—Humbert & White.

Pair of Pigs Under One Year—Humbert & White.

Boar and Three Sows Any Age—L. C. Reese.

BERKSHIRES.

Although there were but 170 Berkshires on exhibition, these being shown by eight exhibitors, yet this breed attracted much attention. The prize-winning animals were notable for length of body and for feeding qualities. The exhibit demonstrated that it is possible to get the long side, the heavy ham and at the same time keep the back strong and the face reasonably short. Although less in numbers than the Poles, Durocs and Chesters, the show of Berkshires lost nothing by comparison with any breed, as they were a select lot throughout. The awards follow:

The following herds were represented: Etzler & Moses, Decatur, Ind. (22 head); Houghton & Braman, Marshalltown, Iowa (25 head); Harris & McMahon, Lamine, Mo. (18 head); J. M. McPherson & Son, Stuart, Iowa (8 head); C. D. Johnson, Nashua, Iowa (17 head); W. D. Becker, Ft. Atkinson, Wis. (24 head); W. O. Knapp, Guthrie Center, Iowa (22 head); Miller & Dietrich, Menlo, Iowa (31 head); total 167 head.

AWARDS.

Boar Two Years and Over (3 in class)—First, W. D. Becker, on Colonel Lee; second, Houghton & Braman, on Royal High Clear; third, Houghton & Braman, on Repeater.

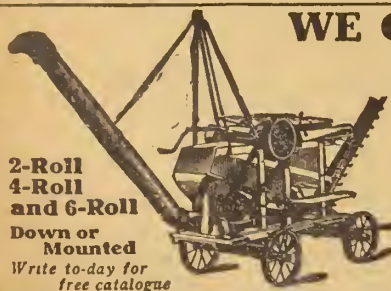
Boar Eighteen Months and Under Two Years (2 in class)—First, Harris & McMahon, on Sunnyside Duke XV.; second, W. D. Becker, on King Durbur.

Boar One Year and Under Eighteen Months (6 in class)—First, Harris & McMahon, on Lord Robin; second, C. D. Johnson, on Yung Starlight; third, J. M. McPherson, on General Logan; highly commendable, Miller & Dietrich, on Menlo's Lord Lee; commendable, Houghton & Braman, on Champion Duke.

Boar Six Months and Under One Year (9 in class)—First, Harris & McMahon, on Handsome Duke III.; second, C. D. Johnson; third, Etzler & Moses, on Starlight Premier; highly commendable, Harris & McMahon, on Handsome Duke IV.; commendable, C. D. Johnson.

Boar Under Six Months (12 in class)—First, Etzler & Moses; second, Miller & Dietrich; third, Etzler & Moses; highly commendable, Etzler & Moses; commendable, Miller & Dietrich.

Sow Two Years and Over (5 in class)—First, Etzler & Moses, on Starlight Queen; second, C. D. Johnson, on Lady Vic XV.; third, Houghton & Braman, on Daisy Hillsdale; highly commendable, W. D. Becker, on



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will do more and better work with less power than any other machine of like character and corresponding size; that it is simpler in construction, easier in every way to operate and easier and safer to feed. Let us tell you more about it, and about the

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which is guaranteed to do all that any spreader can do and to do it better and more easily, to last longer and to be so easily handled that any boy who can drive can run it as well as any man. We also make Shellers, Feed Grinders, Wood Saws, Powers, Windmills, etc., all Appleton Quality, the standard of excellence.

APPLETON MANUFACTURING CO., 39 Fargo Street, Batavia, Illinois

Belle B. 2d; commendable, Harris & McMahan, on Lady C. IV.

Sow Eighteen Months and Under Two Years (3 in class)—First, C. D. Johnson, on Lady Vic XVI.; second, Etzler & Moses, on Starlight Duchess; third, W. D. Becker, on Queen Beauty II.

Sow One Year and Under Eighteen Months (8 in class)—First, Harris & McMahan, on Lee Duchess XVIII.; second, C. D. Johnson, on Lady Vic XVII.; third, C. D. Johnson, on Lady Vic XVIII.; highly commendable, Etzler & Moses; commendable, Harris & McMahan, on Sallie Lee 35th.

Sow Six Months and Under One Year (17 in class)—First, Harris & McMahan, on Handsome Duchess 10th; second, J. M. McPherson, on Mac's Beauty; third, C. D. Johnson; highly commendable, Harris & McMahan, on Handsome Duchess XI.; commendable, Harris & McMahan, on Handsome Duchess XII.

Sow Under Six Months (14 in class)—First, Etzler & Moses; second, Etzler & Moses; third, Miller & Dietrich; highly commendable Etzler & Moses; commendable, Etzler & Moses.

Boar and Three Sows Over One Year (4 herds in class)—First, Harris & McMahan, on Lord Robin; second, C. D. Johnson, on King Starlight; third, Etzler & Moses, on Lord Starlight V.; highly commendable, W. D. Becker, on Colonel Lee.

Boar and Three Sows Over One Year, Bred by Exhibitor (3 herds in class)—First, Harris & McMahan, on Lord Robin; second, Etzler & Moses, on Lord Starlight V.; third, W. D. Becker, on King Durbin.

Boar and Three Sows Under One Year (5 herds in class)—First, Harris & McMahan, on Handsome Duke III.; second, Etzler & Moses; third, C. D. Johnson; fourth, Etzler & Moses; fifth, Miller & Dietrich.

Boar and Three Sows Under One Year, Bred by Exhibitor (5 herds in class)—First, Harris & McMahan, on Handsome Duke III.; second, Etzler & Moses; third, C. D. Johnson; fourth, Etzler & Moses; fifth, Miller & Dietrich.

Four Swine Get of Some Boar, Bred by Exhibitor (5 in class)—First, Harris & McMahan, on get of Lord Lee; second, Harris & McMahan, on get of Lord Lee; third, Etzler & Moses, on get of Starlight; highly commendable, C. D. Johnson, on get of Merger Star; commendable, Miller & Dietrich, on get of Menlo's Lord Lee.

Four Pigs Under Six Months, Produce of Same Sow, Bred by Exhibitor (4 herds in class)—First, Etzler & Moses; second, Etzler & Moses; third, Miller & Dietrich; highly commendable, Houghton & Bramer.

Champion Boar Any Age—Harris & McMahan, on Lord Robin.

Champion Boar Any Age, Bred by Exhibitor—Harris & McMahan, on Lord Robin.

Champion Sow Any Age—Harris & McMahan, on Handsome Duchess X.

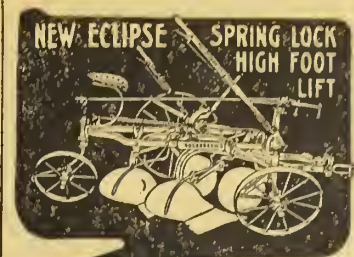
Champion Sow Any Age, Bred by Exhibitor—Harris & McMahan, on Handsome Duchess X.

POLAND CHINAS.

The Poland Chinas headed the list this year in the number of animals on the grounds, there being a total of 1,150 in the pens. This was a little over 100 pigs more than were on the grounds last year. To say that the exhibit was a grand one throughout is putting the matter mildly. Even the pigs that were there for sale, but not entered for exhibition, were in most instances above the average, and judging by the number of sales made during the week we apprehend that a large number of corn-belt farmers started off with something good, while scores were made happy over the purchase of herd leaders. Poland China breeders have every reason to feel gratified over the continued popularity of this breed, and especially concerning the excellent showing made. Apparently, the question of bone is being emphasized more than formerly because practically all the winning hogs carried their great weight without showing the least sign of breaking down. In the matter of type, the medium-sized animals of superior quality won out this year against those of more scale, but with less quality. Judges Klever and Spicer adhered throughout to the matter of type and gave general satisfaction. Of course there were instances where exhibitors took lower places than they anticipated, but this will always occur. Ring-siders as well as exhibitors were impressed by the fact that all decisions were not only honestly, but intelligently, placed. Breeders outside the state won many of the blue ribbons, a fact that should stimulate Iowa swine men to purchase the best blood that is obtainable to improve their herds. Following is a list of the awards:

The following Poland China herds were represented: Harvey Johnson, Logan, Iowa (22 head); Wm. Kirk, Logan, Iowa, (8 head); F. P. Bishop, Whitewater, Wis., (17 head); G. F. Marshall, Monroe, Iowa (17 head); Wm. Pedrick & Son, Ottumwa, Iowa (18 head); J. S. Fawcett & Son, Springdale, Iowa (16 head); B. F. Ishmael, Laredo, Mo. (6 head); James Jensen, Newell, Iowa (10 head); D. F. Shannon & Book Bros., Storm Lake, Iowa (9 head); A. J. Podendorf, Logan, Iowa (12 head); J. I. Davis, Mt. Hamill,

Iowa (17 head); L. Maasdam & Sons, Fairfield, Iowa (2 head); S. P. Chiles, Fairfield, Iowa (16 head); B. L. Gosick, Fairfield, Iowa (10 head); M. A. Dolling, Nowton, Iowa (14 head); Hall & Sons, Iowa City, Iowa (13 head); E. O. Buck & Son, Oxford, Iowa (1 head); Haunsen, Black & Gaffey, Holbrook, Iowa (17 head); H. B. Jones, Wapello, Iowa (3 head); W. Z. Swallow, Booneville, Iowa (41 head); F. M. Orr & Sons, Albia, Iowa (24 head); Mr. Mason, Des Moines, Iowa (7 head); Frank Wohlgemuth, Elgin, Ill. (10 head); A. W. Holland, New London, Iowa (6 head); Geo. M. Reynolds, Utica, Ill. (1 head); E. A. Sebea, Sigourney, Iowa (19 head); W. C. Lookingbill, Sac City, Iowa (16 head); F. D. Sanders, Sigourney, Iowa (12 head); E. Alphonso, Sigourney, Iowa (34 head); N. F. Miller, Knoxville, Iowa (14 head); Winn & Chambers, Knoxville, Iowa (9 head); C. L. Karr, Webster City, Iowa (4 head); F. L. Brumback, Clisna Park, Ill. (2 head); J. H. Fawcett, Woodstock, Iowa (8 head); I. Stevenson, Knoxville, Iowa (9 head); John Pease, Colfax, Iowa (9 head); Young & Duncan, Madison, Neb. (14 head); John F. Meyer, Newton, Iowa (12 head); W. M. Lentz, Ankeny, Iowa (3 head); Mark I. Shaw, Monroe, Iowa (15 head); M. W. Bateman, Monroe, Iowa (12 head); L. D. Shaffer, Fayette, Iowa (6 head); John H. Gibbons, North English, Iowa (5 head); Charles Ash, West Union, Iowa (12 head); Robert Bros., Wadena, Iowa (10 head); Wm. Wingate, Trenton, Mo. (3 head); J. C. Hoag, Manson, Iowa (7 head); D. S. Needham, Woodward, Iowa (11 head); Wm. McLaughlin, Manson, Iowa (1 head); J. J. Moore, Manson, Iowa (1 head); Schneider Bros., Grand Junction, Iowa (12 head); C. L. Prouty, Council Bluffs, Iowa (1 head); J. M. Frey & Sons, Wadena, Iowa (8 head); James F. Leahy, Parnell, Iowa (1 head); A. J. Lytle, Oskaloosa, Iowa (11 head); F. D. Kenworthy, Avon, Iowa (14 head); Charles H. Stone, Muscatine, Iowa (15 head); J. S. Price, Muscatine, Iowa (2 head); M. Hunnell, Monroe, Iowa (14); C. F. Keeling, Avon, Iowa (30 head); Henry Bowans, Monroe, Iowa (12 head); Charles Stuart, Altoona, Iowa (10 head); J. H. Watson, Madrid, Iowa (12 head); Strater Bros., Monroe, Iowa (19 head); W. A. Jones, Van Meter, Iowa (21 head); G. A. Singleton, West Liberty, Iowa (11 head); R. E. West, Altoona, Iowa (12 head); J. V. Lingenfelter, Altoona, Iowa (8 head); J. W. Blackford & Son, Hillsboro, Iowa (10 head); L. Hunsberger, Elgin, Iowa



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Ferris, Ill. (8 head); Segrist & Stout, Humboldt, Iowa (1 head); D. B. Davenport, Avon, Iowa (9 head); John Francis & Sons, New Lenox, Ill. (42 head); Geo. H. Preston, West Branch, Iowa (11 head); G. H. White, Emerson, Iowa (10 head); O. H. Reed, Bouton, Iowa (8 head); Ellis Jones, Remington, Ind. (5 head); J. A. Colby, Russell, Iowa (8 head); A. W. Delbitt, Russell, Iowa (11 head); O. S. Kinnmouth, Russell, Iowa (6

Know II. by Perfection I Know, dam Beauty U. S.; fourth, A. W. Holland, on Iowa Perfection by Chief Perfection 2d, dam Pansy; fifth, Harvey Johnson, on Perfection Dude by J's Dude, dam Lady Perfection; highly commendable, W. G. Lookingbill, on Village Meddler by Meddler, dam Village Bell; commendable, G. A. Singleton & Co., on Copy-right by Marked Copy.

Boar Six Months and Under One Year (31 entries)—First, S. P. Chiles, on S. P.'s Perfection by Perfection I Know; second, A. Schwallier, on Take Care by E. L. Perfection; third, Hanson, Black & Gaffey, on Anchor by Spellbinder; fourth, Geo. M. Reynolds, on Olympian by Meddler; fifth, Locke & Wellington, on Advertiser by L. & W.'s Perfection; highly commendable, A. Schwallier, on Beware by E. L. Perfection; commendable, S. P. Chiles, on O. K. Perfection by Perfection I Know.

Boar Under Six Months (52 in class)—First, Arbuckle & Wellington, on pig by Improver; second, A. J. Podendorf, on Sunshine Finish by Iowa Sunshine; third, A. Schwallier, on pig by Independence; fourth, G. H. White, on Perfection I Know III. by Perfection I Know; fifth, C. H. Stone, on pig by Captain Dick; commendable, B. F. Ishmael, on Prince Albert by Mo. King; highly commendable, J. J. Moore, on Moore's Meddler by Munger.

Sow Two Years or Over (11 in class)—First, Francis & Son, on Corrector Perfection by Francis Perfection, dam Correct Model; second, W. C. Lookingbill, on Perfect Queen by Perfect Perfection 2d; third, W. Z. Swallow & Son, on Lady Choice by Choice Goods; fourth, W. A. Jones, on Best of '04 by Look's Choice, dam Best of '99; fifth, William Kirk, on Superfine by Proud Tecumseh, dam Ideal Ramona; highly commendable, H. J. Hemmerling, on Dolly II. by Mo's Perfection, dam J's Beauty; commendable, Harvey Johnson, on J's Beauty by Chief Tecumseh III.

Sow Eighteen Months and Under Two Years (9 in class)—First, H. G. Boyer, on Prole Belle by Corrector; second, John Francis & Son, on F's Lady J. 6th by Francis Perfection, dam Ideal Lady; third, W. Z. Swallow, on Nettie White by Gun Fire; fourth, Locke & Wellington, on Queen Anne by L. & W. Perfection; fifth, G. H. White, on Pet Sunshine by Iowa Sunshine; highly commendable, A. J. Podendorf, on Iowa's Beauty by Iowa Sunshine, dam U. S. Lady; commendable, Young & Duncan, on Queen of Diamonds by Major Blain, dam Daisy Corwin.

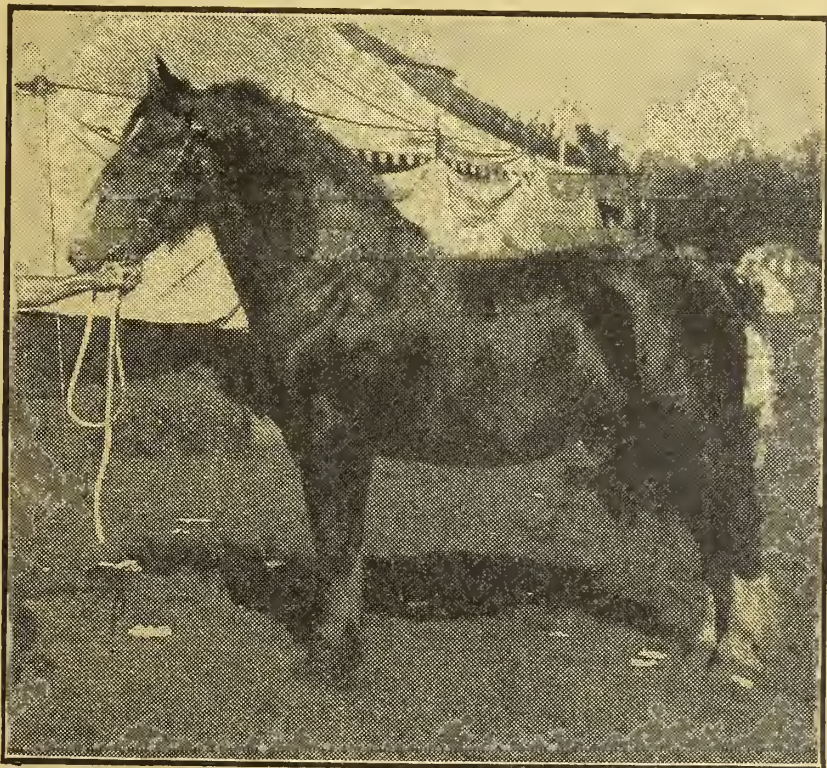
Sow One Year and Under Eighteen Months (30 in class)—First, W. Z. Swallow, on Choice Keep On by Keep On, dam by Choice Goods; second, F. Wolgemuth, on Lady Elgin by Impudence; third, John Francis & Son, on Sallie F. 2d by Francis Perfection; fourth, J. Francis & Son, on May Queen by Francis Perfection; fifth, F. Wolgemuth, on Henrietta by Impudence, dam Walnut Grove Maid; highly commendable, Harvey Johnson, on commendable, H. J. Hemmerling, on Maplewood Queen.

Sow Six Months and Under One Year (44 in class)—First, Locke & Wellington, on Ena by L. & W. Perfection; second, F. Wolgemuth, on Mystic by Chief Perfection 2d; third, S. P. Chiles, on Pansy I Know 1st by Perfection I Know; fourth, S. P. Chiles, on Pearl Perfection by Perfection I Know; fifth, Gates & Hunt, on Lady Monarch; highly commendable, G. H. White; commendable, F. Wolgemuth, on Hattie by Impudence.

Boar and Three Sows Under One Year (12 in class)—First, S. P. Chiles, on S. P.'s Perfection; second, Locke & Wellington, on Advertiser; third, Al. Schwallier, on Take Care; fourth, Francis & Son; fifth, W. A. Jones; highly commendable, S. P. Chiles, on O. K. Perfection; commendable, Hanson, Black & Gaffey, on Anchor.

Boar and Three Sows Under One Year, Bred by Exhibitor (12 in class)—First, S. P. Chiles, on S. P.'s Perfection; second, Locke & Wellington, on Advertiser; third, Al. Schwallier, on Take Care; fourth, John Francis & Son; fifth, W. A. Jones; highly commendable, S. P. Chiles, on O. K. Perfection; commendable, Hanson, Black & Gaffey, on Anchor.

Sow Under Six Months (42 in class)—First, Arbuckle & Wellington, on sow by Improver; second, Locke & Wellington, on sow by L. & W. Perfection; third, Locke & Wellington, on sow by L. & W. Perfection; fourth, A. Schwallier, on sow by Impudence; fifth, Locke & Wellington, on sow by L. & W. Perfection; highly commendable, A. Schwallier, on sow by



First Prize Three-year-old Shire Stallion, Norman Emperor, Owned by Trumans' Pioneer Stud Farm, Bushnell, Illinois.

(15 head); F. L. Bunton, West Union, Iowa (17 head); Locke and Wellington, Remington, Ind. (25 head); H. G. Boyer, Lovellia, Iowa (14 head); N. N. Unterkircher, Weaver, Iowa (2 head); Will Crownover, Hudson, Iowa (29 head); J. D. Gates & Hunt, Ravenwood, Mo. (34 head); W. S. Babcock, Rockwell City, Iowa (24 head); Frank Douglas, Rockwell City, Iowa (8 head); R. W. Thomas, St. Joe, Mo. (23 head); A. Schwallier, Burlington, Iowa (17 head); Phil Richards,

(5 head); S. H. Moore, Monroe, Iowa (19 head); Moore & Brown, Creston, Iowa (5 head); H. J. Hemmerling, Dike, Iowa (5 head); R. G. Tweed, LeGrand, Iowa (6 head).

AWARDS.

Boar Two Years or Over (10 in class)—First, R. W. Thomas, on Top Notcher by E. L. Perfection, dam Cute Keep On; second, W. A. Jones, on Creston Dude by Conrad's Dude, dam White Face; third, Harvey Johnson, on Chief Tecumseh 4th by Chief Tecumseh 2d, dam Columbia Tech; fourth, Bunton & Ash, on Sure Perfection Jr. by Sure Perfection, dam Zude Topsy; fifth, Locke & Wellington, on Chief L. & W. by L. & W. Perfection, dam Lottie Sunshine; highly commendable, F. D. Kenworthy, on Perfection G. by G's Perfection; commendable, H. J. Hemmerling, on Sunshine by Ohio Sunshine, dam I. X. L. Perfection.

Boar Over Eighteen Months and Under Two Years (3 in class)—First, F. L. Brumback, on Perfection Heart 2d by Perfection Heart, dam Wilkes Style 4d; second, W. M. Wingate, on Surprise On by On and On, dam Miss Surprise 2d; third, B. F. Ishmael, on Missouri King by Wandering Boy, dam Little Gem; fourth, G. H. White, on Contractor by Proud Corrector, dam Queen Whiteface; fifth, F. P. Bishop, on Dictator by Peace-maker, dam Darkness B.; highly commendable, Gates & Hunt, on Missouri Lad by Sure Perfection, dam Ohio's Best; commendable, Moon & Brown, on Invincible Keep On by Keep On, dam Belle Perfection 2d.

Boar Over One Year and Under Eighteen Months (35 in class)—First, F. Wolgemuth, on Keepsake by Keep On, dam Kiss Me; second, Locke & Wellington, on Improver by L. & W. Perfection, dam Ramsay's Perfection; third, G. H. White, on Perfection I

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Impudence; commendable, Arbuckle & Wellington, on sow by Improver.

Boar and Three Sows Over One Year (10 in class)—First, Lock & Wellington, on Improver; second, Francis & Son, on Conductor; third, F. Wolgemuth, on Keepsake; fourth, Harvey Johnson, on Perfect Dude; fifth, W. Z. Swallow, on Topsy Prince; highly commendable, Shannon & Book Bros., on Shannon's E. L.; commendable, H. J. Hemerling, on Sunshine.

Boar and Three Sows Over One Year, Bred by Exhibitor (10 in class)—First, Francis & Son, on Conductor; second, F. Wolgemuth, on Keepsake; third, Lock & Wellington, on Chief L. & W.; fourth, Harvey Johnson, on Perfect Dude; fifth, Shannon & Book Bros., on Shannon's E. L.; highly commendable, Gates & Hunt, on Missouri Lad; commendable, A. J. Podendorf, on Mischief Lad.

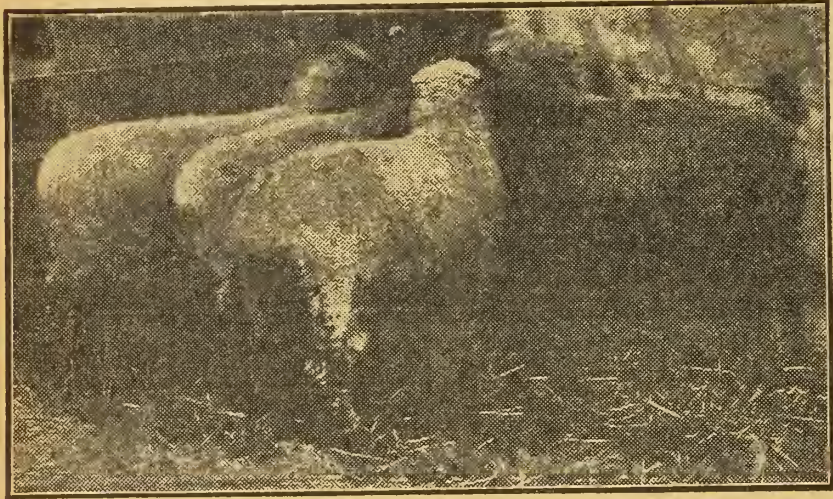
Four Swine, Get of Same Boar, Bred by Exhibitor (15 in class)—First, S. P. Chiles, on get of Perfection I Know; second, John Francis & Son, on get of Francis Perfection; third, Lucien Arbuckle, on get of Improver; fourth, Lock & Wellington, on get of L. & W. Perfection; fifth, Al. Schwaller, on get of E.

months produce of same sow, champion boar and champion boar bred by exhibitor, champion sow any age and champion sow any age bred by exhibitor. Mr. Canfield also won the \$25 special offered by the American Yorkshire Club for the best young herd of pure-bred Yorkshires consisting of one boar and three sows.

Mr. Davidson won the following premiums: Second on aged boar, second on yearling boar, second on boar under one year, second and third on boar under six months, first on sow under two years, third on sow under eighteen months, third on sow under one year, first on sow under six months, second on boar and three sows over one year, second on boar and three sows under one year, second on three sows and one boar bred by exhibitor, third on get of sire, first on four pigs under six months produce of same sow.

TAMWORTHIES.

This is the first year that a class for Tamworth hogs has been made at the Iowa State Fair. Two exhibitors were there with their hogs and they made an excellent showing.



First Prize Pen of Shropshire Lambs, Owned by F. P. McAdoo, Indianola, Iowa.

L. Perfection; highly commendable, F. Wolgemuth, on get of Impudence; commendable, S. P. Chiles, on get of Perfection I Know.

Four Pigs Under Six Months Produce of Sow Bred by Exhibitor (11 in class)—First, Lock & Wellington, on sow by Sunshine Perfection; second, Al. Schwaller, on Mabel Perfection by Impudence; third, W. Z. Swallow, on Midway U. S. III.; fourth, J. C. Hoag, on Chief's Tiplook; fifth, W. Z. Swallow; highly commendable, H. G. Boyer, on Alice; commendable, R. W. Thomas, on Silver Maker.

Champion Boar Any Age—S. P. Chiles, on S. P.'s Perfection.

Champion Boar Any Age, Bred by Exhibitor—S. P. Chiles, on S. P.'s Perfection.

Champion Sow Any Age—Francis & Son, on Correct Perfection.

Champion Sow Any Age, Bred by Exhibitor—Francis & Son, on Correct Perfection.

YORKSHIRES.

There were but two exhibitors in the Yorkshire classes, but these made an unusually good showing. Thos. H. Canfield, of Lake Park, Minn., exhibited thirty head and practically filled all classes. Many of his animals were descendants of winners at the St. Louis Exposition, and his pens attracted much attention from fair attendants. Mr. Canfield is the largest breeder of Yorkshire hogs in America, and has undoubtedly done more to bring this breed before the public than any other breeder. The other exhibitor in the Yorkshire class was Mr. B. F. Davidson, of Menlo, Iowa. Mr. Davidson exhibited eighteen good ones. They were in excellent show condition, being in a somewhat higher degree of flesh than Mr. Canfield's though for the bacon hog the Canfield stuff was in excellent shape. Prof. Thos. Shaw, formerly of the Minnesota Agricultural College, did the judging in a most satisfactory manner. His task was not an easy one, owing to the somewhat different types of hogs represented in the various rings. Judging by the number of sales made by these Yorkshire breeders it may be expected that there will be a larger turnout next year. Many who purchased foundation stock expressed their determination to exhibit in the future.

AWARDS.

The following premiums were won by Mr. Canfield: First on aged boar, first on boar under eighteen months, first on boar under six months, first on boar under one year, first and second on aged sows, first and second on sow under eighteen months, first and second on sow under one year, second and third on sow under six months, first on boar and three sows over one year, first on boar and three sows over one year bred by exhibitor, first and third on boar and three sows under one year bred by exhibitor, first and second on four pigs get of same boar, second and third on four pigs under six

SHEEP.

The interest in sheep still grows in Iowa and there never has been so many good sheep on the state fair grounds as were there this year. The price of mutton and wool has created a demand for sheep that has not been equalled heretofore. The excellent exhibit this year, as well as the large crowds of interested onlookers while the judging was going on, indicate a most healthy interest in this important class of farm animals. Much improvement has been effected since last year in the way of providing suitable quarters for the sheep and shepherds. The provision for a suitable place for making awards has been provided in a temporary way, and sheep exhibitors look forward to a time when a permanent judging ring will be provided which cannot be accomplished until more ground has been added, which probably will occur in the near future. As usual, the Shropshires show that they are the leading breed and appear in the largest numbers. The usual line of exhibitors were at the Iowa fair, except Messrs. Fritchman, Wineland and Allen, who were absent. Some of the comparatively new exhibitors are making headway and are getting a large share of the prizes. In this class may be

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named Chandler Bros., of Kellerton, Iowa; Plumley Bros. and F. P. McAdoo, both of Indianola, Iowa.

MERINOS.

M. H. Wheeler, judge.

Ram Two Years or Over—First, E. M. Moore, Orchard Lake, Mich.; second, W. Dixon, Brandon, Wis.; third, E. M. Moore.

Ram One Year and Under Two—First, W. Dixon; second, A. E. Green, Orchard Lake, Mich.; third, W. Dixon.

Ram Lamb—First, E. M. Moore; second, A. L. Green; third, E. M. Moore.

Ewe Two Years or Over—First, A. E. Green; second, W. Dixon; third, W. Dixon.

Ewe One Year and Under Two—First, A. E. Green; second, W. Dixon; third, A. E. Green.

Ewe Lamb—First, A. E. Green; second, E. M. Moore; third, A. E. Green.

Get of Sire—First, A. E. Green; second, E. M. Moore.

Champion Ram—E. M. Moore.

Champion Ewe—A. E. Green.

Final Flock—First, E. M. Moore; second, Frank Harding; third, W. Dixon.

RAMBOUILLET.

W. N. Wheeler, judge.

Ram Two Years or Over—First, Frank Harding, Waukesha, Wis.; second, E. H. Moore, Orchard Lake, Mich.; third, W. Dixon, Brandon, Wis.

Ram One Year and Under Two—First, Frank Harding; second, E. M. Moore; third, Frank Harding.

Ram Lamb—First, W. Dixon; second and third, E. M. Moore.

Ewe Two Years or Over—First, W. Dixon; second, E. M. Moore; third, Frank Harding.

Ewe One Year and Under Two—First, E. M. Moore; second and third, Frank Harding.

Ewe Lamb—First, W. Dixon; second, E. M. Moore; third, W. Dixon.

Get of Sire—First, W. Dixon; second, E. M. Moore.

Champion Ram—Frank Harding.

Champion Ewe—W. Dixon.

COTSWOLDS.

W. R. Weaver, judge.

Ram Two Years or Over—First, Lewis Bros., Camp Point, Ill.; second and third, F. W. Harding.

Ram One Year and Under Two—First, F. W. Harding; second, Lewis Bros.; third, F. W. Harding.

Ram Lamb—First, F. W. Harding; second and third, Lewis Bros.

Ewe Two Years or Over—First, F. W. Harding; second and third, Lewis Bros.

Ewe One Year and Under Two—First, F. W. Harding; second, Lewis Bros.

Ewe Lamb—First, second and third, F. W. Harding.

Get of Sire—First, F. W. Harding; second, Lewis Bros.

Champion Ewe—F. W. Harding.

Long Wool Flocks—First, F. W. Harding (on Cotswolds); second, Lewis Bros. (on Cotswolds).

OXFORD DOWNS.

W. R. Weaver, judge.

Ram Two Years or Over—First and second, George McKerrrow, Pewaukee, Wis.; third, Graham Bros., Eldora, Iowa; special, Graham Bros.

Ram One Year and Under Two—First, second and third, George McKerrrow; Iowa special, Graham Bros.

Ram Lamb—First and second, George McKerrrow; Iowa special, Graham Bros.

Ewe Two Years or Over—First and second, George McKerrrow.

Ewe One Year and Under Two—First and second, George McKerrrow.

Ewe Lamb—First and second, Graham Bros.

Get of Sire—Iowa special, Graham Bros.

Get of Sire (open)—First, Graham Bros.

Champion Ram—Iowa special, Graham Bros.

Ewe Lamb—First and second, George McKerrrow; third, Graham Bros.

Champion Ram—George McKerrrow.

Champion Ewe—George McKerrrow.

Champion Flock Middle Wool, Oxford, Hampshire and Dorsetts—First and second,



George McKerrrow; third, Renk Bros., Sun Prairie, Wis.

SHROPSHIRE.

W. R. Weaver, judge.

Ram Two Years or Over—First, George McKerrrow, Pewaukee, Wis.; second and third, Chandler Bros., Kellerton, Iowa.

Ram One Year and Under Two—First, Frank Harding, Waukesha, Wis.; second, George McKerrrow; third, Chandler Bros.

Ram Lamb—First, Frank Harding; second, George McKerrrow; third, Renk Bros.

Ewe Two Years or Over—First and second, George McKerrrow; third, W. F. Dickson, Brandon, Wis.

Ewe One Year and Under Two—First, Frank Harding; second and third, George McKerrrow.

Ewe Lamb—First, George McKerrrow; second, Frank Harding; third, George McKerrrow.

Champion Ram—Frank Harding.

American Shropshire Special—W. R. Weaver, judge.

Ram Two Years or Over—First, George McKerrrow; second, Renk Bros.; third, J. S. Fawcett & Sons, Springdale, Iowa.

Iowa Special—First, J. S. Fawcett & Sons; second, F. P. McAdoo, Indianola, Iowa; third, F. P. McAdoo; fourth, Plumley Bros., Springfield, Iowa; fifth, F. P. McAdoo.

Ram One Year and Under Two—First and second, George McKerrrow; third, Plumley Bros.

Iowa Special—First, Plumley Bros.; second, O. H. Peasley, Indianola, Iowa; third and fourth, F. P. McAdoo; fifth, William Farmer, Indianola, Iowa.

American Shropshire Special—W. R. Weaver, judge.

Ram Lamb—First, O. H. Peasley; second, F. P. McAdoo; third, F. P. McAdoo.

Iowa Special—First, O. H. Peasley; second and third, F. P. McAdoo; fourth, Plumley Bros.; fifth, F. P. McAdoo.

Ewe Two Years or Over—First, W. S. Dixon, Brandon, Wis.; second, Kaufman Bros., West Liberty, Iowa; third, Renk Bros.

Iowa Special—First and second, Plumley Bros.; third, F. P. McAdoo; fourth, O. H. Peasley; fifth, Wm. Farmer.

Ewe One Year and Under Two—First, Plumley Bros.; second, F. P. McAdoo; third, Plumley Bros.

Iowa Special—First, Plumley Bros.; second, F. P. McAdoo; third, Plumley Bros.; fourth and fifth, O. H. Peasley.

Champion Ram—George McKerrrow.

Iowa Special—J. S. Fawcett & Sons.

Champion Ewe—George McKerrrow.

Iowa Special—Plumley Bros.

Get of Sire (open class)—First, F. P. McAdoo; second, Plumley Bros.

American Class—First, F. P. McAdoo; second, Plumley Bros.

Champion Flock, American Special—First, Plumley Bros.; second, J. S. Fawcett & Sons.

Middle Wool Flocks (Shropshires and South Downs)—W. R. Weaver, judge.

First, George McKerrrow (on South Downs); second, Frank Harding (on Shropshires); third, George McKerrrow (on Shropshires).

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Five years ago I invented one of my own that resists fire and is better than any of the others.

Send me your name and address on a post card, and I will tell you all about this roof and how it secures lower insurance rates. I will also send you a sample of it to test, and a copy of my FREE book on how to lay roofing with no tools but a

sharp knife and a hammer. My book also tells why my "No-Tar" Roofing is the only roofing that is weather, water, acid and almost wear proof, as well as Fire Proof.

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A Safe, Speedy, and Positive Cure
The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.
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OLD TRUSTY
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White Wyandottes.
BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.
FOREST HOME POULTRY FARM,
Box 253, Audubon, Iowa.

ROSE COMB WHITE LEGHORNS.
EGGS 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

15,000 Ferrets 48 page book for 6c, about these animals that exterminate rats, hunt rabbits. Price list free. Samuel Farnsworth, Middletown, O.

EGGS from pure bred, well marked, standard weight Light Brahmas at \$1 per sitting. I ship from Hamburg, Iowa. Address, S. F. Bell, Route 1, Rock Port, Missouri.

SILVER LACED WYANDOTTES.
EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

100 Rose Comb Brown Leghorn Cockerels, Cheap. Mrs. Laura Mathier, Clarksville, Iowa.

UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

HENS scoring 94 to 96, yearlings, \$1.50, \$2 and \$3 each. 29 chicks from eggs from Fisher's pens. Mrs. L. M. Estes, Audubon, Iowa.

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RATS won't kill all your Chickens if you have a Scottish Terrier. Very fine female puppies, from recorded parents, for sale. Pedigree with sale. S. W. Harr, Riverside, Iowa.

SCOTCH COLLIES.
Quit collies will do one man's work. Write for catalog. Largest kennels in the west.
Geo. T. Underhill, Knoxville, Iowa.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Granger, Mo.

SCOTCH Collie bargains for the next 10 days. Beautiful pups. Also brood bitches. Pedigree with sale. Write at once. S. W. Harr, Riverside, Iowa.

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CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Rock, Minton, Cooper, Williams and Buttar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.
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I have a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Shropshire bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.
GEORGE ALLEN, LEXINGTON, NEB.

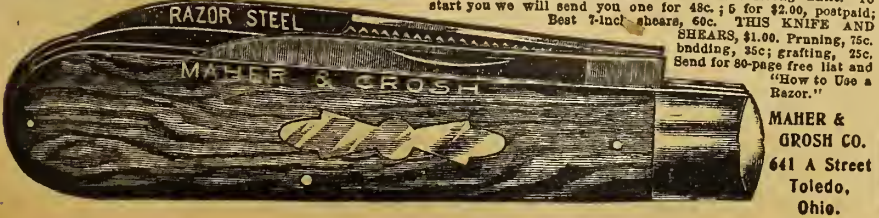
Shropshire Rams
At Pike Timber. A good lot of yearling Shropshire rams, all got by the Imp. ram Lord Byron (0989-R) and some of them out of imported ewes.
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Polled Angoras, does and bucks. Must be sold at once.
S. S. MCKIBBEN, DeSOTO, IA.

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REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic, Cass County, Iowa.

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POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

EGGS AS A FOOD.

In this day of pure food agitation and possible disease there are those who believe that more attention should be paid to such articles of food as cannot be adulterated in any way. Unfortunately there are but few food products that are beyond adulteration. One of these can be found in the egg. In order to get it in its purity it should be eaten raw, and the raw egg diet is gaining a great hold on New Yorkers, says March What-To-Eat. The advocates claim to obtain more immediate and material benefit from this food than any other. The healthfulness of the custom has been given additional emphasis by the declaration of pure food advocates in their recent New York convention that the only pure food known is the fresh egg. The raw egg eaters declare that the egg is spoiled by any kind of cooking, and its benefits can be obtained only when eaten raw. To back their conclusions, many researches have been made on the subject, and it has been found that tourists in unexplored tropical countries have been able to retain perfect health throughout the most trying exposures to heat and wet, by means of dieting on raw eggs. An instance is mentioned where all in a party of explorers became dangerously ill excepting one, who ate nothing but uncooked eggs. Believers in the new diet contend that the egg should be eaten as soon after it is laid as possible. Several different methods of serving eggs are in vogue, the most popular of which is with vinegar. A very little of the vinegar is required in a glass, merely to give a zest to the flavor of the egg. Its benefits would doubtless be greater without any of these accompaniments. When served with the vinegar, a drop of the liquid is first poured into an empty glass. Into this the egg is broken. Then the top is covered with another drop or two of vinegar, and a sprinkling of salt and pepper. The egg is then swallowed whole. Persons who have not tried the diet will be surprised at the ease with which the egg slips down the throat, as well as the pleasant taste it leaves in the mouth. It is declared that half of the benefit of the egg is lost when the yolk is broken in eating. The eggs should be eaten before meals, especially before breakfast, but not every day. An everyday diet is said to be dangerous, because of the superabundance of sulphur it would produce in the system. It is advisable to discontinue the diet for as much as one or two weeks at a time and then to keep it up steadily for a few days or a week again.

Of course if absolute purity is desired in a diet of this kind it will be necessary that the vinegar, pepper and salt be absolutely pure. In this day of adulteration, the vinegar is liable to be made of acids, the pepper half peas, and the salt—well, there are men who would adulterate salt if they could make gain by it.

MEAT FOR CHICKS.

In a recent report of an experiment in feeding chicks, the Rhode Island Experiment Station says: "The use of the proper proportions of animal food will pay a handsome profit through decreased mortality and increased weight of the chicks. In feeding, bear in mind that chicks in a state of nature spend practically all of their working hours in search of food, and that they do not fill their crops in ten minutes every two hours. Feeding should be, as far as the time of attendant renders profitable, a continuous process, but by no means a continuous gorge."

"The experiment which led up to this conclusion was with an incubator hatch



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Clover-fed pork is cheap pork. If pigs on clover or alfalfa pasture are fed Swift's Digester Tankage daily, the quality of the pork will be improved and the cost greatly reduced.



It Brings Results

Swift's Digester Tankage will make summer hogs weigh better, ship better and Sell Better. Tankage-fed hogs nearly always top the market. We have printed a Little Book, "Protein for Profit." Let us send it to you.

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Animal Food Department, Desk 6
Union Stock Yards CHICAGO



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with attendant evils, Varicose or Knotted Veins, Rupture, Blood Poison, Skin Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

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Oil Cure for Cancer.

Dr. L. T. Leach, of Indianapolis, Ind., reports the discovery of a combination of soothing and balmy oils which readily cure all forms of cancer and tumor. He has cured many very bad cases without pain or disfigurement. His new book with full report sent free to the afflicted.

AN UP-TO-DATE COOK BOOK FREE.

Helen M. Thomson, the recognized authority on domestic science problems, has recently compiled a cook book containing 533 recipes. This book is now being handled by the Malleable Iron Range Company, of Beaver Dam, Wis., and is sent free to all persons who make application for same, providing a statement is furnished in which it is clearly shown that the purchase of a new range is contemplated. Twenty pages of this book are devoted to showing how Malleable Iron Ranges are made and how they save money for the purchaser every day they are used. The Monarch range is so well known that it needs no endorsement from us, but we take pleasure in suggesting to our readers who are in need of a new range that application be made for this "Monarch Cook Book," addressing the Malleable Iron Range Company, 302 Lake St., Beaver Dam, Wis.

LOS ANGELES AND SAN FRANCISCO.
From September 3d to 14th the Chicago Great Western Railway will sell round trip tickets to San Francisco and Los Angeles at rate of one fare for the round trip. Tickets have limit of October 31st to return and allow stop-overs west of the Missouri River in both directions. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

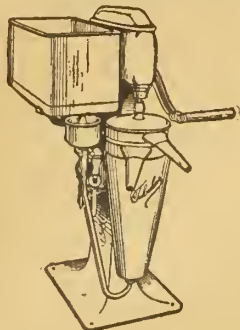
BOWEL TROUBLE.

"I wish to ask through your paper what to do for bowel trouble in young chicks. Will you kindly advise me?"
Imperial, Nebraska. W. S.

Bowel trouble is due to sloppy foods, some kinds of rich food, chills, cold, over-heating, fungus in food and many other known and unknown causes. Chicks often suffer from this trouble whether raised in a brooder or allowed

Because You Need The Money

It's your business and if you don't attend to it, who will? You cannot afford to keep cows for fun. That isn't business, and, furthermore, it isn't necessary. There is money in cow keeping if you go at it right, and besides there is more fun in going at it right than there is in staying wrong.



You need a Tubular Cream Separator because it will make money for you; because it saves labor; because it saves time; because it means all the difference between cow profits and cow losses.

Look into this matter; see what a Tubular will do for you and buy one because you need it.

How would you like our book "Business Dairying" and our catalog B. 124 both free. Write for them.

The Sharples Separator Co.
West Chester, Pa.
Toronto, Can. Chicago, Ill.

OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

WHEN BEEF CALVES SHOULD BE DROPPED.

It is not possible to lay down any hard and fast rules about the most profitable time to have pure-bred beef calves dropped. Mr. E. B. Mitchel, formerly manager of the Tebo Lawn Cattle Company, at Clinton, Mo., in an address before the Missouri Stock Breeders' Association some time ago, expressed his views on this subject as follows:

I prefer having as large a per cent of calves as possible during the fall and winter months, beginning as soon after September 1st as possible (as you are well aware a show man never has any calves dropped prior to September 1st). Our early calves coming in September and October are allowed to stay with their dams in pasture the first three weeks of their lives, not, however, with the herd, but in a small pasture with the herd, coming to nurse morning and night, and in the pasture used for nursing calves we keep a trough low enough to the ground so that almost the smallest calf can reach and feed in this trough at all times. It is surprising how soon a little calf will learn to lick a little feed of bran and ground oats. As soon as the weather becomes stormy the calves are brought to the barn into what we call the calf pen, a covered shed twenty by fifty feet, with the upper half of the south wall open, which is never closed. These calves are given the run of a yard of about a half acre every day in the winter, with plenty of fresh water and feed before them all the time.

The dams are brought to the barn evenings and kept in at night, allowing the calves to nurse night and morning, and the cows going to pasture every day in winter as in summer.

At three months of age all the bull calves are removed to other quarters, similarly constructed, and banded the same way.

On the approach of grass, say April 1st, we select a warm day and every animal on the farm is put through the dipping tank to eliminate lice or any skin trouble that may exist. The cattle are then all classified as to ages and go to their respective pastures, yearling heifers in one pasture, two-year-olds in another, dry cows in another, the nursing heifer calves to another pasture, the nursing bull calves to still another, and the dams of each separated in different pastures, coming to the respective yard to nurse. We continue feeding the calves on grass, so that by the time they are ready to wean they never notice it, but go right on with their growth, entering the second winter in fine condition and, in fact, what a great many men would call fat. During this winter every good day these heifers go right out to their pasture, coming in at night to a yard with a shed open to the south, and are fed about four quarts each night and morning of a ration consisting of two parts bran, two parts ground oats, and one part ground corn by measure, with all the good timothy or clover hay they care to run to. During the winter and the following spring all of the bulls of this crop of calves should be sold, and the following summer the heifers are fed once a day in the pasture about one gallon of such feed as above described. By the following fall, or by January 1st, all of these heifers should be bred and in calf, and are kept right out in pasture all winter with timber for shelter and fed twice a day with plenty of good hay for roughness.

Those who are familiar with Mr. Mitchel's success in fitting cattle for the show ring appreciate the fact that there are few men more competent to speak authoritatively on this subject. By following the plan outlined, he has been able to keep the whole breeding herd in what might be called high flesh and yet at the same time maintain breeding qualities unimpaired.

It will be noticed that Mr. Mitchel advocates the feeding of mixed grain at all seasons. This means essentially a balanced ration and contributes not only to the keeping up of the constitutional powers, but to the greatest possible extent to the maintenance of size or scale. Even though the end in view in Mr. Mitchel's case was the making of show cattle in many cases, yet that is usually the way to make good cattle. The spring calf has to pass through the fly season as well as the hot weather, at a time when growth is apt to be impaired, while in the case of the fall calf there is such a start before the warm weather that no setback is likely to occur. Of course the fall-dropped calf must be liberally fed and must have comfortable quarters, but if these are supplied it is just possible that size combined with quality can rather more easily be obtained than in the case of the spring calf.

NEW CORN FOR DAIRY COWS.

At no time can better use be made of corn in the dairy herd than during the next few weeks. This crop if fed whole, that is, leaf, stalk and ear, makes a highly palatable ration and one that contributes to a large milk flow.

Where pastures or lanes join the

Every Farmer Knows That The DE LAVAL CREAM SEPARATORS

are in a class by themselves as the best separators. But many have the mistaken idea, which competitors help to magnify, that they are "expensive," and that something "cheaper" will do in their stead.

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MOST PROFITABLE

Our handsome new catalogue describes in detail the operation and construction of the United States Separator. Many fine and accurate illustrations aid in making perfectly clear to you the advantages the U. S. has over all others. If you're keeping cows for profit, ask for our catalogue No. 81. It points the way to the biggest profits.

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You Want All The Cream

Therefore You Want the

Iowa Dairy Separator

No other Separator made extracts every particle of cream. Some is always left, and this "some" is your loss.

The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time. A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write today and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

The Iowa Dairy Separator Co.
Waterloo, Iowa.

Quality in cream means quantity in dollars.

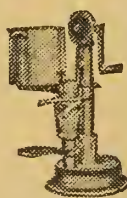
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will get you both.

We want to tell you why. Our catalog and dairy books are yours for the asking. Write for them today.

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How's Your Separator?

WE will take your old separator in exchange on purchases of either new or second hand machines. We also sell you direct, a good as new second hand, or a new separator, any make, cash or time and save you money. Write for list and prices.

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BUTTER-BRED Holstein bull calves, 6 to 8 months old, sired by Prince Inka, (18 A. R. O. daughters), and out of A. R. O. dams, \$50 each. No females now for sale. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

corn fields it requires but little labor to feed the few rows that are nearest the fence, and our experience is that it pays to take the time to supply the dairy cows with this fodder. If the grain reaches maturity the ration is then a little rich in fat-forming constituents, but when the leaves are green the milk flow indicates that they supply protein abundantly.

If cows are gradually accustomed to the green fodder there is practically no danger from bloating. It will require several days to get animals to that point where a full ration of green fodder may be fed. Good corn fodder not only increases the milk flow, but cows on this ration will usually flesh up to some extent and this is a good thing before they go into winter quarters.

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You get a fair, square deal on the only high grade machine made that is sold at a reasonable price. No money in advance.

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Because:

The Cleveland is the only all ball-bearing machine made. Do you need to have us prove to you that the ball-bearing is the easiest running bearing ever made? Every other separator manufacturer would use them if he could. We can. We do. The aluminum skimming device and the fact that the Cleveland has the fewest parts of any separator made, make it the easiest to clean and the longest-lived. The fewer the parts, the less wear, the less repairs. The Cleveland is a guaranteed perfect skimmer.

Don't take our word. Try a Cleveland. It won't cost you anything. The new free catalog tells you how. Write for it. Address

The Cleveland Cream Separator Co.,
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have to say in their continued story this week and send complete list of prospective spreader purchasers in exchange for a set of Indian pictures.

Creamery property at Mt. Carmel, Ia., for sale, including necessary buildings, grounds, machinery. M. J. Berger, Sec., Carroll, Ia., R. 2.

OUR HOME DEPARTMENT

All communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

AMONG OURSELVES.

Was it not too bad that I did not know sooner that I would visit the Iowa State Fair, at Des Moines? I am so sorry. At this writing I do not know just how sorry. It will depend on how many of the friends I meet, and how much pleasure the meeting yields. The fair will be over as these words reach the circle, but it will be another week before I can speak of my visit in the past tense.

There has been so much excitement Among Ourselves over the question of women working in the fields that some other matters have been neglected. I fear John's Wife is thinking she is not being well treated. Her patience is about to be rewarded. Iowa and Colorado have both arrived in response to her call. Mrs. Rom, of the latter, will be followed by Mrs. Howard, of the former:

I was touched by the appeal for help from the farm couple who had raised six children and wanted advice about whether to leave the farm and go to the city to give the last two a college education. That would be a hard question to decide, but it seems to me they would better keep the farm, or a few acres at least, for a home in old age, as they can never be really happy in the city if they are "bred in bone" farmers. It is a serious matter to allow young folks of sixteen and eighteen years to go to college without any home influence around them, for the temptations are many. If no relative or close friend lives near enough to the college for the children to stay with, it might be possible to hire a good foreman to run the farm and the owner could spend vacations there and also visit a few days occasionally, between times. If a farm or children must be sacrificed, let it be the farm, by all means, but "at a distance" I can see no need to sacrifice either. Many farms of from sixty to several hundred acres here in Colorado are managed entirely by hired help, the owner only visiting occasionally, and are run at a good profit.

I would like to add my mite to the no doubt numerous responses "John's Wife" will receive to her request. While I may be young to be giving advice on such a subject, it seems to me the only thing for them to do is to stay on their homestead where they have spent such a well-rewarded life. I would spend the rest of my life there in any way most convenient for me. Perhaps the tenant plan is the best and would give them the most leisure. Another thing I could not help but think of was, what an eloquent plea her letter was for a generous-sized family. Think how full her life has been. Don't you think she has seen many days just as full as those Mrs. Larsen tells us about? And don't you think she has perhaps even "filled the water pail" for "John" to bathe his hot and dusty face? Yes, all this and even more, and now she is reaping her reward. Her children's interests are hers and while watching them make their way in the world she and John are only living over again their own young days. That is the

reward we reap for all our labors for our little ones.

Aunt Belle, of Nebraska, who is about to take the floor, has also a word for John's Wife, but before she rises, let me ask Mrs. Howard if it is quite fair to quote John's Wife as she does? No one objects to "generous-sized" families, and six was not a large family in the days of large families—where parents are able to rear them well, as these evidently were. Personally, I should be sorry if our discussion along this line discouraged parents so situated that they could do justice by half a dozen or more children. All that is sought is the stirring up of healthy sentiment so that the size of the family shall be the result of conscientious choice. And now, Aunt Belle:

I, for one, am going to do as Mrs. W. suggests—sit right down by a window, pen and pad in hand, and say what I think along several lines. Mrs. Larsen does about again as much work as an ordinary woman should do. It leaves her too little time to cultivate the talents given by an Allwise Creator to every woman. Now, my home is not a mansion, but it is covered by vines (wild cucumbers) surrounded by a little fenced-in flower garden and sheltered by trees planted by the "man" the spring before we were married. We have too large a yard to be kept nicely, but the mower keeps it in pretty fair shape. I do not desire a large farm home—it would be such a care. I do no outdoor chores unless husband is sick or gone from home. I do work in the garden some, because I like to, but a horse and a small plow keep our garden in fine shape. I raise chickens and ducks, but not on a large scale. I sold three fries at fifty cents each this morning—that gives me church and pin money until I sell a few more. Have sold vegetables to my personal friends in the nearby village. Belong to woman's club and church societies, have a good library, good papers and magazines, have a pretty good husband (wouldn't trade with anyone) and three healthy, mischief-loving children, fair health and a mind at ease. I agree with Aunt Ruth "a man respects a woman who respects herself." I love nature and get much restful pleasure from the ever-changing colors of even a flat prairie country—though I do love hills better. I derive great pleasure from my correspondents who are scattered from New York to California. Women suffer most (mentally) who drop into a rut, so to speak. Reading rests me when I am tired physically. This Home Department is a pretty good place to visit, too. Pardon such a long chat, but let me advise John's Wife to rent that farm and make a home for James and Nellie in a college town, at the same time renewing their youth among the college young people.

In thus replying to Mrs. Larsen, Aunt Belle gives us a charming picture. What a beautiful world this would be if all women were as happily situated as she—to have love and work and health—what more can a woman ask? Perhaps there should be a qualifying word or two in connection with work. Upon second thought, I incline to think so. Mrs. Nebraska also rises to the question stated by Mrs. Larsen:

Dear friends, I have never written before and have wanted to answer lots of the letters. I have read the Home Department for years. I think as Mrs. Belle Larsen, that we can do much toward beautifying our homes, and why shouldn't we? Isn't it our home, as well as our husband's, and don't he work all the time for us? I hope there won't many follow Aunt Ruth's advice. It is no disgrace to milk a cow or make hay, either. I don't think it is a woman's place to make hay and don't think many are expected to, but if the men get in a pinch and need help, go out and help them, and most men are just as willing to come in the house and wash dishes or churn or anything they can do if they are asked and not ordered. I have lived on a farm for eighteen years and have raked hay, run the harvester and milked cows, when necessary, and never felt I was a slave, either. I have always had a horse and buggy to go when I wanted to. I have five children and my girls play the piano and help papa and mama lots, too. I say if we are home makers let us do what we can to make a home what it should be, and work together and for each other.

The note sounded by Mrs. Nebraska in closing is the motive of a genuine home love song written for us by Mrs. Juanita, of Arizona:

What different ideas people have of what home is! I do not think it should be thought of as a place where people of one family just stay, but as a place where each one tries to do all they can for the benefit and comfort of each other. In a rush or a time when help is scarce, how could it hurt a daughter to go out and help her father and brother in the field? As she belongs to the family, does not the success of the harvest benefit her as much as the rest of the family? And if she associates with her father and brothers in the house, then why not in the field? Are they not all one family working together for the good of all? I believe myself that outdoor exercise is more healthful for girls than all indoor work. Then in place of lawn tennis, basket ball or any other athletic sport, why not help father and brother? Of course, circumstances change things. If there is an abundance of money in the family and help can be hired, or the daughter's health is not good, then it should not be expected of them. And the lover who would not think more of a daughter for doing all she could to make her father happy is not much of a lover. "If there are not men enough to do these chores, then let them go undone." Oh, my! If I am one and my husband another, then we are not one, and why are



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we there? This drawing a dividing line in a family I think the cause of many divorces. I am speaking from experience. I have lived in a city in a house with all modern conveniences. I did not have to do my own washing, and part of the time not all my own housework. We kept a horse and buggy. Every evening we had a drive. We enjoyed all our comforts together. Then when we moved on our ranch and help was scarce, I have helped pitch hay, I have helped bale hay, I have milked cows, I have rode out on the range after cattle, and taken care of calves. I have enjoyed my ranch life just as much as I have my city life, and my health is as good. And if you love your husband, how in the name of all common sense can it be any worse for you to wait on him with a basin of warm water than to have his dinner cooked and on the table? It seems a difference without a difference. I always did those things, and when he came in tired I always had a glass of lemonade or some other nice thing for him between meals. Try it, Aunt Ruth, and just let your hand rest around his neck a minute and say, "Are you very tired, dear?" The fullness of the cup is not always in receiving, but in giving. Now, we all know that housework is tiring, but I have tried both indoor and outdoor work and I know when a man plows all day he must be tired. Then why not let sister go for fresh water for brother? Then more than likely brother will think of some kindness to do for sister. But when you stand on your dignity and demand things as your due, it is too much like buying and selling among strangers. Home is love and love is made up of little kindnesses, of consideration for each other.

Isn't that a song—a beautiful song, although it is written in plain prose, undorned by poetic imagery? One thing struck me as I listened to its music. It was that Mrs. Juanita is fortunate in her husband and that her husband has a wife who knows the secret of making a happy home. And as I thought on this involuntarily the thought came: "What a changed world this would be if the spirit of love filled every crevice in the hearts of husbands and wives and found expression in forbearance, consideration and mutual helpfulness." Meantime things are not as they should be—too often the man is exacting—too often the woman is unwise, and to complicate matters, economic conditions are such that the question of whether or not women shall work in the fields is actually one for practical discussion. Last week we had a daughter plead for the right to help her father, this week we have another girl, this one urging her right to help her brother:

Taking courage from the warm welcome given some of the new writers "Among Ourselves," and acting on the suggestion made in the issue of August 2d, I have at last concluded "to step in and have my say." Aunt Ruth, I think you are a little hard hearted. For why should not we sisters show our brothers some of the kindness we expect of them? I am one sister, who is the "house-keeper and maid of all work in a farm home, and during the busy season I always make it a point to have warm wash water and fresh drinking water when father and

brother come from the field, but I am never "ordered" to have those things. Perhaps the brother "Aunt Ruth" had in mind when she wrote the article did not always keep a supply of wood and water on hand during the winter months or rainy weather, get the wash water and light the fires in winter, and even keep house for a day or two, as my brother does for me. To such a one I deem it only fair that I repay the kindness in any way I can. As for country women working in the fields, I think the majority who do "work out" do so from choice, rather than because they are compelled to do so. I know that such is the case in our neighborhood. Then I do not think it lowers the dignity of anyone of our sex to help milk the cows occasionally if father is tired out, or to skim the milk and carry it to the calves or the slop barrel. You say men would never expect us to do these things if we did not learn how. Perhaps not, but they would accept the situation as gracefully as we would, were we obliged to do with last summer's hat.

Like Mrs. Juanita, Sister Anna is to be congratulated upon her male relatives. When you find a wife, daughter, sister, eager to assist husband, father, brother; when you find her quick to resent any imputation as to the goodness of men, quick to defend them when they are attacked, you may be sure that woman has personal reasons to think well of men or else personal reasons to conceal the fact that she does not think well of them. Of course it is right for Sister Anna to help brother and to meet him with a basin of water, if, as would seem, she gets a new hat every summer. A girl so treated is no drudge—a little work in the hay field is fun to her. But suppose she marries a man who takes it as right that she should work in the fields? What then? "A Willing Worker" has, unconsciously, perhaps, thought along this line, although individual circumstances have not made it necessary:

I am sorry, indeed, to write this and cause Aunt Ruth to blush so deeply, for she will feel much pity for me, the unaccomplished and degenerated person who has worked in the field. I wish to say her sorrow for me cannot be any more than mine for her, who must wash dishes, churn and stand over a stove just baking herself all day. I have tried both and I do indeed pity her. I am not sorry, but proud, to say that I have hoed the garden and worked many a day in the field. I have saved a good many dollars that would have been paid to hired help, and enjoyed many a nice dress or other luxury that perhaps I would not have had. Aunt Ruth asked, "Do any women enjoy it?" Truthfully I do, and I know I am better for it than playing the piano, all the time, or lying on the lounge reading a love story. I have seen too much of that. As far as your husbands and brothers loving and respecting you more, I dare her to find a brother who loves his sister more than mine does me. Now, I do not wish to be understood that such has been my life work, but when it is necessary I can do it without blushing. I do agree with her most sincerely in not waiting on the men. I will be a slave for no man. I have seen the kind of a man that she has reference to, and took my lesson. My husband is good and kind and never

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expects such things from me; he would be disappointed if he did.

Now suppose we change the subject. Mrs. Ed Streeter, of Oklahoma, who has not met with us for a long, long time, is here today prepared to talk. Like Mrs. McKelvie, she has some questions to ask the men:

I started a letter to our Home Department the other morning and now I am glad I didn't send it, as it was surely a "blue" letter, as I read it now. We've had so much rain and things in general had seemed to go wrong; but by chance I saw this verse in a back number of "Little Helps by the Way." "For darkness passes; storms shall not abide. A little patience, and the fog is past." And sure enough, we've had almost a week of dry weather and work has progressed wonderfully. But as rains are not the only "storms" in life, I have faith that the rest will come out of the "fog" in good time. I would like some of the gentlemen friends to answer me these questions: Why do men pretend to have contempt for women, just because they are women? And why is it they hate to go to church, as a general thing? And why do they "growl" if we want them to clean their boots of mud when coming into a clean kitchen, and find fault if we complain of their leaving old clothes, hats or boots lying anywhere for us to pick up? Wouldn't you scold if we went to the barn and left the harness, feed cans and other things scattered around in any old place for you to put away? I see that "Celeste's" boy has been doing some thinking of his own. I remember "Celeste" very well, also "Happy Wife," and thought it was a shame the way they pitched into her because she curled her hair and wore a clean collar every day. In closing, I wish to say that our department is getting better all the time, and I hope it will continue so.

Will the men themselves please answer these questions?

So many of the friends write that they think the Home grows more enjoyable all the time, that I hope it really does. I hope that it does, although I confess that sometimes I think it lacks only one thing. Next week we shall have a novelty program—something different from anything we have ever had—something which I hope will not only be enjoyed, but lead to enjoyment through weeks and months and years to come. Now guess.

HOME AND HOME MAKING.

If any little love of mine
May make a life the sweeter,
If any little love of mine
May make a friend's the fleetier,
If any lift of mine may ease
The burden of another,
God give me love, and care and strength,
To help my toiling brother!
—Philip James Bailey.

Touch my heart, O God, with thoughts of Thy love.—Hold me up this day above the mists of passion, of selfishness, of earthliness. Give strength to my higher, my better self, against my lower nature.—J. D.

FRECKLES.

There is nothing that equals fresh buttermilk for removing freckles or sunburn. It has the great advantage that it does not injure the skin, but renders it soft. Take a soft cloth or sponge, and bathe the face thoroughly with buttermilk before retiring for the night; then wipe off the drops lightly.

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ly. In the morning wash it well off and wipe dry with a rough towel. A few such baths will take off all tan or freckles. The following is a very good recipe: One ounce of lemon juice, a quarter of a dram of powdered borax, and half a dram of sugar; mix, and let them stand a few days in a glass bottle till the liquor is fit for use.

LAUNDRY HINTS FOR OVERWORKED WOMEN.

After drying, fold and smooth the knit underwear, stockings and Turkish towels and put them away—they need no ironing.

Sheets (this will shock some housekeepers, but we cannot help it) and the everyday towels may be treated in the same manner, and the earth will continue in its revolution around the sun, and everybody be as happy as if a tired woman had spent several hours in running a hot iron over them and then he cross to her husband and children afterwards because of it. Some consider the sheets more sanitary if taken from the pure outside air and sun and put away without ironing.

One busy mother has adopted a quick method of smoothing her short towels, and baby's napkins. She folds them smoothly in a pile, then begins at the top and presses out each one, removing them one at a time with her left hand, while her right hand holds the iron.

Night dresses do very well if the ruffles and front are ironed. In order to have the irons at the proper degree of heat for the different kinds of clothes, do not try to iron all of one kind at once; that is, when the iron is very hot take something that requires a hot iron; when the iron becomes cooler iron something that is starched. By mixing the starched and unstarched clothes there will be little need of sitting down to wait until an iron cools or gets hot. Embroideries should, of course, be ironed on the wrong side and heavy embroideries should have a pad of cloth beneath them in order to give the embroidery a chance to stand out.

FOR THE COOK.

Stuffed Eggs—A variation of stuffed eggs, so delightful for picnic luncheons, is made with deviled chicken or game. Boil the eggs and mash the yolk, afterwards mixing with the chicken and a little mayonnaise. Return to the white halves and serve with mayonnaise in a nest of lettuce leaves.

Potato Border with Turnip—To one pint of left-over mashed potato add one teaspoonful minced parsley, enough grated onion to cover a nickle, one-fourth teaspoonful paprika, yolks of two eggs, and three tablespoonfuls of cream or milk. Work this mixture until smooth, pack into a buttered mold, then carefully unmold on a buttered plate and heat in the oven. Just before removing from the oven, brush over with egg yolk, diluted with a little cream, and brown in a hot oven. Have a little left-over turnip warming and when ready to dish up, heap it in the center of the browned potato. If no border mold is had mold in a hasin and heap the mashed turnip on top.

Creole Dish—Two cupfuls of well-cooked and seasoned rice, two cupfuls of tomato sauce, half a pound of raw ham minced and browned in butter; mix all together, add a dash of cayenne pepper, turn into well buttered pan and bake.

Medley Salad—Take one head of crisp lettuce, slice three tomatoes, one fresh peeled cucumber and one small onion. Lay all in cold water for twenty minutes (this before slicing the vegetables). Shred the lettuce, cucumber and onion and pour over all a mayonnaise dressing.

TOMATOES FOR WINTER USE.

Shirley Sauce—Wash, peel and slice two dozen ripe tomatoes, four large onions and four medium-sized green peppers, add four tablespoons brown sugar and one pint best cider vinegar. Boil the tomatoes and onions first until tender, then boil all slowly until done. Put into jars and seal.

Chutney Sauce—Chop finely one quart each of green tomatoes and apples and one onion. Sprinkle with salt and let stand for two hours. Then drain in a colander, and add one tablespoonful each of finely chopped mint and nasturtium seeds, one pound seeded and chopped raisins, two cups sugar, one pint vinegar, one cup lemon juice, one teaspoonful cayenne pepper and one tablespoonful each of ground ginger, mustard and grated horseradish.

Chowchow Recipe—I will send my recipe for chowchow, which I know to be good. I gather my green tomatoes before frost and cut tomatoes, cabbage, onions, green peppers all, and grind them through a sausage mill, then salt them well and put in a jar and let stand over night; next morning strain all the juice out, then put in my spices and some hot mustard seed. Then stir all up well, put in a jar and pour vinegar over it. Put a plate or something over it to weigh it down; then if you keep it covered with vinegar it will keep all the year.—Mrs. M. S. Mitchell, Era, Okla.

Dressmaking and Millinery—No. 532.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

A window display that is attracting general attention is of various cloths draped to show each to the best effect, and while these are at least a dozen in number they are all in some shade of red, some showing the shadow plaid that has been mentioned as a leading feature in the fall materials; others in small checks, while still a greater number are in the solid color. These range through all the shades of deep reds, including scarlet and crimson, as well as ruby shades. Trimmings displayed with these are largely of velvet, but there are also various braids, to be put on in the form of bandings and again in patterns or designs. Velvet ribbon applied in rows in the color of the gown material is a leading trimming feature, while collars, cuffs, vests, etc., will be cut from piece velvet in harmonizing or in contrasting color as one may choose. These piece velvet decorations, however, should always har-

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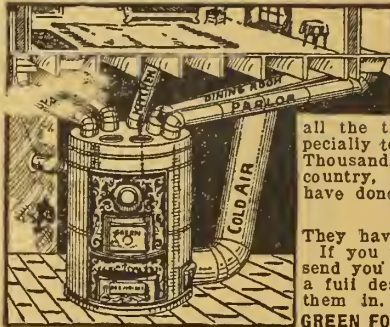
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monize with the applied trimmings of whatever color.

While on the subject of trimmings it may be well to mention that the strap and tab trimmings will be very much in vogue, as well as piped bias bands and overlapping folds of the garment fabric. These are used in numbers, that is, several tabs are used together.



[5441 Jumper Waist with Gumppe, 32 to 40 Bust.]

er, each succeeding one shorter than the one beneath it, all stitched, then applied to the garment as desired. This is not a new mode of trimming, but simply the revival of an old one.

The jumper waist pictured in No. 5441 is one of the season's novelties and therefore quite a favorite. It consists of a fancy over-waist that is to be worn over a gumppe which serves as a separate lining, and on which the chemisette is arranged. The various designs show how each part is made. The over-waist has no opening at either back or front, but is slipped on over the head. Then it is adjusted at the bottom in any preferred manner. Both back and front have side pleats or tucks that extend out over the shoulders, these being stitched to the waist line at the back, but only to yoke depth at the front. The outline of the opening is trimmed with velvet and with braid applied in a design, but other modes of finish will suggest themselves to suit the individual fancy as well as the purpose of the garment,

which may be a separate waist or a part of a costume. The sleeves of the gumppe are in elbow length, while those of the waist are in fancy shape and merely form caps, but if preferred the sleeves may be like the waist itself, and may be lengthened to suit. Pattern No. 5441 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure.

The little square yoke dress shown in No. 5445 needs no description, as it is an old



[5445 Child's Square Yoke Dress, 1 to 6 Years.]

favorite modified in the cutting out of the yoke and the short puff sleeves. The pattern provides for a high neck and long sleeves when these are desired. Pattern No. 5445 is cut in sizes for children of one, two, four and six years.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Third Quarter. Lesson XI. Matt. XXI, 1-17. September 9, 1906.

Jesus Enters Jerusalem in Triumph.

A great multitude of people fills all the street: and riding on an ass Comes one of noble aspect, like a King! The people spread their garments in the way And scatter branches of the palm-trees!

—“The Divine Tragedy.” Longfellow.

Jesus left the hospitable villa of His friends to join the pilgrim caravan on its way to the festivities of the Pass-over week. He was enthusiastically welcomed. These Galilean travelers had a local pride in the wonder-working prophet of Nazareth. They felt it to be an honor to be His escort to Jerusalem.

Jesus sent two of His disciples ahead to bring the beast on which He should ride. They would find it tethered at a certain point. Mention of His name and need would be all that was necessary to secure it. This comparatively insignificant incident, the request for the beast in the well-known name of the Nazarene, hastily reported from mouth to mouth along the crowded thoroughfare, would serve notice (as it was designed to do) of Jesus' approach. Up from a thousand pilgrims' booths on the slopes of Olivet came an eager throng, out from the city gate came pouring an ever-augmenting multitude of those who were only awaiting a signal of Jesus' approach.

Jesus was mounted now, and so in plain view of the largest possible number. He rode a beast considered appropriate for a sacred function—one never ridden before. As only an ox that had never worn the yoke was esteemed fit for the altar, so this foal that had never been saddled was meet for the Master's use.

Such a transport of admiring loyalty seized that mighty throng as made all former ebullitions seem faint in comparison. The palm-trees were stripped to provide the emblems of victory. Ten thousand abbas were proffered to carpet the highway with. A litter—a mattress of twigs and green grass—was formed so that the King's beast might tread softly beneath Him.

And now the multitude bursts forth in a noble psalm of welcome, the rear guard responding antiphonally to the van.

The first glimpse of the city is the

signal for a salvo of joy and praise. David's city is called to welcome David's Son. When from the crest of Olivet the city and temple lay at the pilgrims' feet, they raised such a shout that it penetrated to the star-chamber of the Sanhedrin and keyed to its highest pitch the murderous jealousy of the rulers of Israel as they exclaimed, criminating each other: “Perceive ye how ye prevail nothing? Behold, the world has gone after Him!”

The crowd looked and shouted. Jesus looked and wept. His patriotic heart is stirred as He sees the fate impending over the city, which knows not the things which belong to her peace.

Some forward Pharisee, with ominous glance at the Tower Antonio, exhorts Jesus to suppress this demonstration. But Jesus puts the seal of His approval upon this festal spectacle, in the declaration that the very rocks would find tongues to welcome, if the people did not.

So the Messenger of Malachi came suddenly to the temple. But a venal hierarchy could not abide the day of His coming. He calmly looked about as the Divine proprietor of all. But his presence was like refiners' fire and fullers' soap to the dross and filth of the ecclesiastical establishment.

Analysis and Key.

1. The triumphal entry. No mere incident. Event of large degree. Not accidental, but designed. Consistent with His plan. Presents Himself for acceptance or rejection.

2. Contrast with other triumphs. Meekness, lowly equipage. Absence of captives and spoils. Accorded by common people. Not church or state. Yet most significant triumph of history.

3. Evanescence of popular ovations.

4. Lasting enthusiasm for Jesus. How produced. What channels it can take.

The Teacher's Lantern.

The triumphal entry was not a mere passing incident or accident of Jesus' approach. It was a very large event.

Jesus deliberately planned this entry and made it as effective as possible. He was not captured by the multitude; He captured it, and used it for His purpose. The orderly precision of all His movements indicates this. The royal entry was an integral part of the history of Christ, which would not be complete nor thoroughly consistent without it.

He openly came to His own. The issue was pressed. They must now accept or reject. The test was not made in any dark corner, either. Nothing could have been more conspicuous.

Was it mere coincidence that the Lamb of God came to Jerusalem on the very day on which the paschal lamb was selected and set aside for sacrifice? It was the 10th of Nisan. The admiring joy of the people also marked Him as fit and worthy.

A triumphal entry, true! But how many points of contrast it presents to all other “triumphs” the world is familiar with! Meekness of victor, lowliness of equipage, absence of captives and spoils—a triumph accorded not by chiefs of church or state, but by common people. Yet even Pompey's triumph pales in comparison. No similar spectacle was ever fraught with such significance to the whole race.

TOOLS IN THE HOME.

Everyone knows in a general way the usefulness of tools, but few seem to realize how much expense and inconvenience can be saved by having a tool cabinet in the house. Repairs can be made at once, shelves put up, screens made with but little practice or experience, and the price of the cabinet can be saved dozens of times over.

The main requirement for good work is that the tools be good tools.

Keen Kutter Tool Cabinets are made to fill adequately the needs of the householder. They contain various assort-



YOU WANT THIS FREE BOOK

Here is a book—yours for the asking—which should be in the hands of every progressive farmer in America. From cover to cover it is brim-full of facts of vital importance to you. It comes from the greatest independent telephone house in the world—the house that has been most instrumental in bringing the blessings of the telephone to hundreds of thousands of farm houses all over the land. It shows you how simple and easy and inexpensive it is to own a

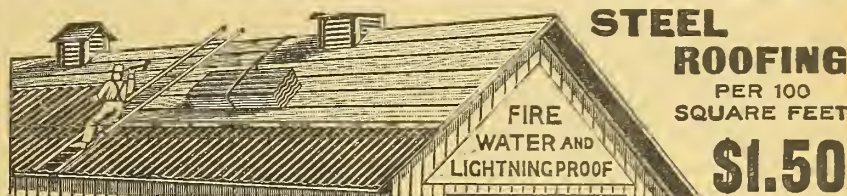
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system—a system that is a money-saver every hour in the day—a convenience and comfort you shouldn't even try to do without, and a protection against sickness, robbery, danger and fire that pays back its trifling cost over and over and over again. You owe it to your business and your family to get this book at once and read every line in it. Your letters will get personal attention and you'll have the help of experts from this great factory in every move you make toward owning a telephone. Sit right down now and say: “Send me your 52 page booklet G12” How the Telephone Helps the Farmer.”

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ROCHESTER, N. Y.

CHICAGO, ILL.



STEEL ROOFING
PER 100 SQUARE FEET
\$1.50

Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not rot, rain-water, makes your building cooler in summer and warmer in winter. Absolutely perfect, brand new, painted red two sides. \$1.50 is our price for our No. 15 grade of Flat Semi-Hardened steel roofing and siding, each sheet 24 inches wide and 24 inches long. Our price on the corrugated, like illustration; sheets 22 inches wide x 24 inches long \$1.60. At 25 cents per square additional we will furnish sheets 6 and 8 feet long. Steel pressed brick siding, per square \$2.00. Fine Steel Beaded Ceiling, per square \$2.00. Can also furnish standing seam or “V” crimped Roofing.

WE PAY THE FREIGHT TO ALL POINTS EAST OF COLORADO except Oklahoma, Texas and Indian Territory. Quotations to other points on application.

Satisfaction guaranteed or money refunded. We will send this roofing to any one answering this advertisement C. O. D., with privilege of examination if you will send us 25 per cent of the amount of your order in cash; balance to be paid after material reaches your Station. If not found as represented, you do not have to take the shipment and we will cheerfully refund your deposit. Ask for Catalog No. W-600. Lowest prices on Roofing, Fire Trough, Wire, Pipe, Fencing, Plumblings, Doors, Household Goods and everything needed on the Farm or in the Home. We buy our goods at sheriff's and receiver's sales.

CHICAGO HOUSE WRECKING CO., 35TH & IRON STREETS, CHICAGO

Marlin

The Marlin 16 gauge is the only light-weight repeating shotgun in the world and is the handiest gun made for all sorts of game up to geese and foxes.

The Marlin 16 is an exact miniature of the famous Marlin 12 gauge—built in all the working parts of drop-forged steel; barrel of “Special Smokeless Steel,” bored for both black and smokeless powders; stock and fore-end of sound, handsome walnut, and all put together by expert experienced gunmakers.

If you are a shooter of quail, woodcock, grouse, teal, mallards, squirrels or rabbits, you need this gun.

Send six cents in stamps for catalogue describing in detail the whole Marlin line of shotguns and rifles.

The Marlin Firearms Co.,
135 Willow St., New Haven, Conn.

ments of tools, every one belonging to the famous Keen Kutter brand.

These cabinets are beautifully finished, and are fitted with racks and hooks for every tool, keeping them from knocking against and damaging one another. They are well supplied with drawers, which contain numberless little helps that you would rarely find in the ordinary home kit.

Keen Kutter Cabinets come in different sizes and prices from \$7.50 to \$100, according to the number of tools in the set, and may be found at the leading hardware stores. The smallest contains just the tools that are absolutely indispensable, and the largest a complete set, sufficient for any kind of work.

They all contain, however, in varying numbers and varieties, saws, brace, bits, chisels, drills, gimlets, brad awls, scratch-

awls, planes, hammers, hatchet, files, pliers, drawing-knife, screw-drivers, wrenches, nail sets, reamers, rules, squares, tape, level and many accessories.

The Keen Kutter Tool Cabinet Booklet will be sent free to anyone writing for it to Simmons Hardware Company, St. Louis and New York, U. S. A.

WATERLOO AND RETURN \$1.50.

On Friday, September 7th, the Chicago Great Western Railway will have a special train, leaving Des Moines 6:10 a. m., to Waterloo, at rate of \$1.50 for the round trip. The Thomas Orchestra will give one of their grand concerts at Chautauqua Park, Waterloo, on that date, and special will leave Waterloo, returning after the concert. For further information apply to E. J. Sawyer, City Ticket Agent, 514 Walnut St., Des Moines, Iowa.

NEW ENGLAND AND CANADIAN POINTS.
The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

DIRECT FROM MILLS TO YOU

WE PAY THE FREIGHT



Have you ever stopped to consider when you buy a tin roof from your dealer, that you are charged three profits: first, the profit the jobber gets when he sells to the dealer; second, the dealer's profit on the tin; third, the dealer's profit on the tinner's labor?

But do you get a satisfactory roof even after you have paid the three profits and the job is completed? Or do you often have to send for the tinner again in a short time to patch up a leak?

BEACON-ITE is a long wool fibre roofing that you can buy direct from the mills, thereby saving the jobber's and dealer's profit. You put it on yourself and again cut down the expense. BEACON-ITE LONG LIFE ROOFING will never rot or rust.

We want to send you FREE samples of this roofing for your examination and also quote you mill prices. You'll be surprised at the quality and the price.

BEACON-ITE MILLS, 1105 N. 2nd Str., St. Louis




By Howe Weight

That's absolutely correct. Scales standard the world over. Steel frame, Compound beam, ball bearing, non-binding. For over 50 years the Howe has been the leading farm scale. Better to-day than ever. Call for the proof. It's ready.

HOWE SCALE CO., OF ILL.
50-52 Lake Street, Chicago, Ill.

KRESO DIP



Cures Scab or Mange

Cuts & Sores

on all Live Stock
DESTROYS ALL DISEASE GERMS

KILLS

ALL KINDS OF LICE AND PARASITES

At your Druggists
Write for FREE Booklets
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Y ABSORBINE

Cures Strained Puffy Ankles, Lymphangitis, Bruises and Swellings, Lameness and Allays Pain Quickly without Blistering, removing the hair, or laying the horse up. Pleasant to use. \$2.00 per bottle, delivered with full directions. Book 5-C, free.

ABSORBINE, JR., for mankind, \$1.00 Bottle. Cures Strains, Gout, Varicose Veins, Varicocoele, Hydrocele, Prostatitis, kills pain.

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DR. KNOBLAUGH'S FISTULA CURE

...CURES...
FISTULA, POLL EVIL,
40% of cures made by 1 bottle.
22% of cures made by 2 bottles.
16% of cures made by 3 bottles.
13% of cures made by 4 bottles.
Price, postpaid, 50 cents.
Treatise free upon application

CLOUSE & STAMM, Chemists,
228 S. STATE ST., GENESEO, ILL.

"I cured eight horses of fistula with the above remedy."
Norman Shearer, Supervisor of Monson Township, Geneseo, Ill., May 19, 1906.

FREE TRIAL of the BEERY BIT

FOUR BITS IN ONE
Cures Kickers, Runaways, Pullers, Shyers, etc. Send for Bit on Ten Days' Trial and circular showing the four distinct ways of using it. Prof. J. A. Beery, Pleasant Hill, Ohio

A Lady can hold him.

HOG CHOLERA

CURED and prevented, worms run out and hogs made healthy and thrifty in a few days at a small expense. Write for book of reliable information on care and treatment of hogs. Also reports of public tests. Address,
Dr. J. H. Snoddy Remedy Co.,
Box 852, Des Moines, Iowa.

DEATH TO HEAVES

Guaranteed
NEWTON'S HEAVE AND COUGH CURE
A VETERINARY SPECIFIC.
14 years sale. One to two cans will cure Heaves. \$1.00 per can. Of dealers, or express prepaid. Send for booklet. The Newton Remedy Co., Toledo, O.

PRUSSIAN HEAVE POWDERS

A guaranteed cure for Heaves, Coughs, Distemper, Indigestion, Wind Troubles. Dealers 50 cents. Mail 60 cents.
PRUSSIAN REMEDY CO., ST. PAUL, MINN.

A. S. ALEXANDER, V. S.

MADISON, WIS.,
Veterinary Editor The Homestead.
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

PATENTS

ORWIG & LANE,
DES MOINES, IA.
Send sketch or model of invention for free opinion as to patentability. Reference The Iowa Homestead

WIRE CUTS

galls and sores. Dr. Lister's Red Star Healing Powder. No scar. Guaranteed. 50c druggists, or prepaid by mail.
Red Star Healing Powder Co., Garner, Ia.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

FISTULOUS WOUND.

I have a mare which was hooked by a cow several months ago. I did not do anything for it, supposing that it would soon heal up. It did not, however, and a running sore formed, which has been discharging ever since. The wound is just back of the right shoulder. What, if anything, can be done for it?

Hair or some other foreign body has been carried into the wound and will have to be removed by enlarging the wound and scraping, etc. Then syringe out daily with peroxid of hydrogen. In some cases diseased rib bone is present and must be removed. A veterinarian will have to be employed to treat the case intelligently.

FAIL TO BREED.

I have four half-blood Ayrshire heifers that were fresh last spring, but all have so far failed to come in heat. One of them had a premature birth at seven months. The others were regular in that respect. Have given them no treatment as yet. What can I do for them?

As one heifer had a premature birth it is possible that all have become infected with the germs of contagious abortion and on that score all should be treated by yeast injections as so often advised here. Separate the heifer that aborted and use disinfectants freely about the stables used by all of the cows.


SUMMER ITCH.

I have a black mare three years old that has an irritation of the skin. Small pimples raise on legs or breast and a few on sides of body. They seem dry and have small scabs on them. I have not noticed that any substance exudes from these pimples, but they apparently itch, and when the mare gets warm and sweats they are worse. These pimples came since the flies came, and her skin seems very tender so that the flies annoy her worse than they do the other horses. She is in good condition and has been fed corn, oats, timothy hay and grass. The mare's dam was troubled in the same way during fly time in the summer. Is there anything I can do for the mare?

This skin disease is liable to return year after year during hot weather. By clipping in spring and avoiding heavy feeding of grain, especially corn, during summer, it is possible to alleviate the trouble or even prevent it. To further lessen the irritation or liability to the disease see that stable is kept clean and well ventilated and is screened and darkened to lessen fly torment. Allow a little water often during working hours and twice a week feed a bran mash containing one dram of saltpeter. In bad cases we mix in the feed once or twice daily or several times a week according to necessity a tablespoonful of a mixture of two parts powdered wood charcoal, one part flowers of sulphur and one-half part each of powdered nux vomica and saltpeter. Itching may be lessened by sponging affected parts with a lotion composed of one dram each of carbolic acid and sulphuric acid in a pint of water.

A "light draft" of air, in a mustard poultice, or on your bank account is

Lump Jaw



The first remedy to cure Lump Jaw was
Fleming's Lump Jaw Cure
and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in Fleming's Vest-Pocket Veterinary Adviser. Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.
FLEMING BROS., Chemists,
210 Union Stock Yards, Chicago, Ill.

NEW attractive proposition. Good wages; expenses paid weekly. Agreeable, remunerative work near home. New Era Correspondence School, Des Moines

A. V. LOCK, REMINGTON, INDIANA,
Live Stock Artist.
Work satisfactory. Prices reasonable.

Wanted men to learn Telegraphy; write J. P. Tighe, care Santa Fe Ry., Arkansas City, Kan.

LANDS AND HOMES FOR SALE

You Will Prosper in the Southwest



If you purchase a farm in the Southwest now, while the land is cheap, you will soon see grow up around you a community of prosperous, energetic men, who like yourself, have seen the possibilities of the Southwestern farmer, and have taken advantage of them. This very condition which is rapidly forming all over the Southwest, makes the value of land increase rapidly, to the certain profit of those who own it. The Southwest will be as well settled in a few short years as the older states are to-day, and those who see this condition now will have cause to rejoice then.

Now is Your Opportunity!

You can sell your present farm—pay off the mortgage and have enough left to buy a big farm in the Southwest that will make you independent in a few short years.

The "Coming Country" Free!

The "Coming Country" is a very interesting paper published monthly and devoted to the Southwest. It will post you on conditions in the Southwest better than anything that you could read. I'll be glad to have the publisher place your name on the mailing list and send you a free copy of the paper regularly for one year. Write now to

S. G. LANGSTON, Sec'y., M. K. & T. Land Bureau, 306 Wainwright Bldg., St. Louis, Mo.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. A good prairie and as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. We are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

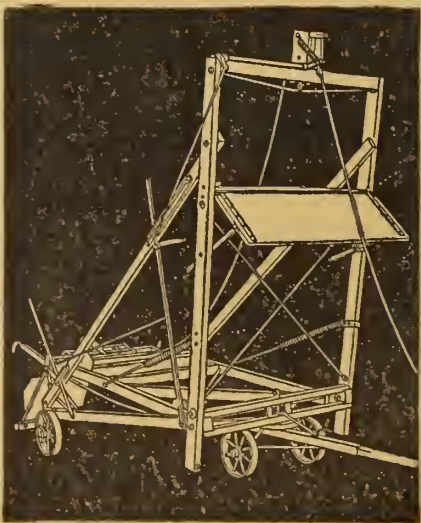
CANADA WHEAT LANDS.

PARADISE Valley, Northern Alberta, the finest farming country in the world; wheat runs 50 bus., oats 100 bus. to the acre; cattle shipped last month averaged 1,600 lbs., fattened on grass; beautiful park country with clumps of trees, mostly open prairie, gently rolling; lakes of good water, ample rainfall; deep black loam topsoil, clay subsoil; a few good agents wanted; \$8 to \$12 per acre, easy payments. Write for maps and route to **W. T. Stevens, Mgr. Paradise Valley Land Co., 220 Endicott Bldg., St. Paul, Minn.**

all important, but a light draft means much more in a manure spreader. Turn to page 5 and see what the Litchfield Mfg. Co. have to say in regard to the subject.

A TIME AND LABOR SAVING DEVICE.

If the farmers and stock raisers of the country do not make the most intelligent and profitable use of manure, it will not be the fault of our inventors and manufacturers. There are plenty of modern devices for the proper handling of the stable and barn yard manure, so there is no longer any excuse for letting even a part of this valuable by-product of farming go to waste. One of the latest and most efficient devices of this kind to come under our notice is a manure loader patented and manufactured by the Fuller & Johnson Mfg. Co., of Madison, Wis. The illustration of it which we show herewith gives an idea of its simplicity of construction and yet it couldn't do the work better if it had double the parts and was twice as expensive. One team does all the work with



a small boy to drive and a man to guide the gathering fork. Perfect work is assured under conditions where the manure is packed down and where it is difficult to load with the ordinary hand forks. After setting the fork in place, the horse pulls same with its load onto the chute, after which you pull a lever and the load swings up and is dumped into the wagon or spreader. Then the chute swings down again, ready for another load. The principle of operation is very simple, and as the operator becomes familiar with the work, it is an easy matter to load a large machine or spreader in a remarkably short space of time. There is nothing to get out of order and there is no reason why such a machine should ever wear out. Write the Fuller & Johnson Company for a complete description of this manure loader. It is an article worthy of careful investigation.

Missouri Farms

I have a large list of farms for sale in Vernon, Bates and adjoining counties at \$30 to \$50 per acre; nice lying country; just as good as Iowa or Illinois; good climate; good water. Am a farmer, born in Fulton County, Illinois, and lived 38 years near Prairie City, Iowa. Come to my house and I will show you my list of bargains free, and will sell you land at owners' prices. Can show you as big corn all over this country as you ever saw grown in Illinois or Iowa. Can show you more hay in a half day's drive from Statesbury than you ever saw before in the same territory. Lots of fruit of all kinds. Think of it; only 80 or 90 miles from Kansas City. If you don't receive prompt replies send registered letter at my expense. For price lists, maps and particulars, write,

A. F. Wilson, Statesbury, Mo.

Look! Look!

WE now offer for sale our 320 acre farm located most favorably between the two main railroads between St. Paul, Minneapolis and Duluth, Superior and Ashland. An excellent opportunity. Also one section of wild land especially adapted for stock raising at a bargain price. Write,

Lohrbauer Land & Immigration Co.,
Bank Bldg., 6th and Jackson, St. Paul, Minn.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map.
Northern Iowa Land Co., Independence, Ia.

FOUNTAIN FARM FOR SALE.
A FIRST-CLASS stock farm. Good soil. Thrifty orchard, plenty wood, flowing well; can be piped to all buildings. 4½ miles to Heward, Bremer Co. Wm. Bent, R. 4, Fairbank, Iowa.

FOR SALE.
A HALF section of level black N. Dak. land, all under cultivation. You and your 12 year old boy can clear from \$2,000 to \$4,000 a year on this farm. Price \$31.50 per acre. Paul S. Stearns, Westhope, N. Dak.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, heavy bars, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

Missouri Farms in Bates County, Missouri. BEST country in Missouri. Corn, clover and wheat. Fine fruit country, short winters. For description write, C. Hutchens, Amoret, Mo.

....LANDS AND HOMES FOR SALE....

Farm Lands for Sale.



CHEAPEST and best lands on the market. These lands are in Yellow Medicine county, Minnesota, and Denel county, South Dakota, in fourth tier of counties north of Iowa. You can raise anything in these parts you can raise in Iowa. A good grain and stock country, good water, soil and land is like Iowa. We have some fine improved farms for \$40.00, some good stock farms with good improvements on, \$20.00. Prices range from \$20 to \$40, according to land and nearness to town. Any good farmer can make as much money farming 160 acres here as he can in Iowa. Anyone wanting farm lands, don't fail to investigate these lands. Buy a ticket over C. & N. W. to Gary, S. Dak. Take receipt for ticket. On any purchase we will refund fare.

Geo. W. Johnson Land Co.,
State Bank, Gary, South Dakota.

William Lampmann,
Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send to me, free of charge, full information about

IDAHO IRRIGATED LAND.

Yours truly,

(Name).....
(Town)..... (State).....
(R. F. D.)..... (Box).....

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
415 KANSAS AVENUE, TOPEKA, KAN.

BUY A FARM NOW.

ALL good FARM LAND must advance with our increase in population. We sell good land in KANSAS and TEXAS at \$6 to \$10 per acre. Good climate; good water. One crop pays for the land. JOIN OUR NEXT EXCURSION.

T. CARRABINE & CO.,
Opposite P.O., 301 Century Bldg., Kansas City, Mo.

GOOD LANDS

IN Great Platte Valley, Lincoln county, Nebraska. Nice smooth table land of best quality within 5 miles of it. It, town, unimproved, for \$7.50 per acre. Improved farms same locality, \$10 to \$15 per acre. Improved stock ranches, \$8 to \$17.50 per acre. Wild grazing lands from \$2.25 to \$5 per acre. Address Buchanan & Patterson, Land and Im. Ags. U.P.R.R. North Platte, Nebraska.

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, HAMILTON BROS., - - WINTERSSET, IOWA

KING AND QUEEN COUNTRY.

CORN is King and Wheat is Queen in northeast Kansas. Bluegrass sits in the shade of line tall timber and judges herds of fine stock and with Alfalfa, Clover and Timothy create the laws of supply and demand. Special bargains in any sized farm you want. Write or come today describing what you want to S. M. Strawn, Valley Falls, Jefferson Co., Kan.

WILD LANDS, \$8 to \$16 per acre. Improved Farms, \$20 per acre and up. Fine soil, good climate, good market, plenty of timber. Land all lies from two to six miles from the city of Cumberland. 75 miles from St. Paul. Agents wanted. For particulars address, Farmers Land Agency, Cumberland, Wis.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. **HAZEL J. MEIER,** Chillicothe, Missouri.

FOR SALE or trade, SW 1/4 Sec. 12 and NE 1/4 Sec. 14, township 150, range 46, six miles north-east Crookston. D. G. Wilson, Bloomfield, Nebraska, Rural Free Del. No. 4.

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

BECKTELL THE LAND MAN OF Macksville, Stafford Co., Kan., sells wheat land to the west line of the state. Write him. State map free.

FARM for sale, adjoining Bloomfield, Iowa. Nine ty-nine acres improved. Terms to suit buyer, L. H. Bates, Rt. F. D. 3, Bloomfield, Iowa.

FOOT Sale, my 240-acre finely improved Osceola county, Iowa, farm at \$65 per acre. **W. D. Creglow,** - - Remsen, Iowa.

COLORADO, ROUTT COUNTY, IRRIGATED RANCHES. B. L. Dart, Yampa, Col.

Buy a Farm at Our Risk 50% Profit Guaranteed You By Us

That's the kind of proposition you never had before, but it is our special offer in selling farms in Western Canada. Our proposition is made in the form of a **guarantee bond** to the effect that every acre we sell you we will buy back at the end of five years at an advance of 50% if you want it. That the bond we give is absolutely good beyond all question can easily be proved to your entire satisfaction by best of bank references.

"A strong statement"—you say. So it is—but we know our farms are **bargains at the prices we ask for them,** or we could not make you such an offer.

GREAT PROFITS FOR YOU

Our lands are located in Halbrite District—right in the heart of Saskatchewan—the Great Wheat Region of Western Canada.

Wheat raising is today the great money-making enterprise for the farmer, and Saskatchewan is known as the most productive wheat region in the world, where more bushels to the acre are raised than in any part of the world.

We can prove this to your satisfaction by official facts and figures—by the actual experiences of farmers who have come to Saskatchewan and made money.

And because we have this proof we are willing to sell you land at our own risk and guarantee you a big profit on every acre.

SOIL YIELDS MONEY

Saskatchewan has the climate, the soil and the markets—everything that means money to the farmer.

It is famous for its unlimited agricultural possibilities. Here crops are unfailing—here your labors are most highly rewarded—here everything serves to promote the farmer's prosperity. There is no clearing to be done—no costly preparation to be made.

The land produces enormous crops of all kinds of grain and produce. The yields of fruit—large and small—are immense. Stock is raised with the least expense and largest profits. Poultry thrives as nowhere else in the world. And

SASKATCHEWAN REALTY & IMPROVEMENT CO.

(Capital, \$250,000.00)

312 Jackson St., ST. PAUL, MINN. Regina, Saskatchewan, CANADA.
NOTE—We also have large tracts, embracing one or more sections, suitable for ranching and other extensive agricultural operations. Full details on request.

HOMES AND FORTUNES

are both to be had in the fertile Panhandle of Texas. There is no better climate or soil to be found on the face of the earth than that of the Panhandle. You can raise just as large crops on its fertile acres as you can in Iowa or Illinois, and you can get better prices for them. There is no better place to live—water is good and plentiful, winters are mild, and everything works to the success of the farmer and stock raiser.

A few years ago land in your locality was selling at half, or less than half, what it is bringing today, and many people you know have made fortunes by their investments in land.

Those same opportunities are now to be had in the Panhandle of Northern Texas. If you buy here at once for investment you are sure of doubling your money in the next two or three years, for the immigration coming here now is bound to bring prices to much higher levels.

Satisfy yourself that the panhandle is the garden spot of the earth by seeing it, but first write for our literature which tells you how to see it to the best advantage and at the least possible expense.

We don't want you to buy our lands until you are satisfied, because a well-satisfied customer is the best advertisement we have. We can offer you your choice from 100,000 acres in the very Garden Spot of the Panhandle at attractive prices and terms. Write for pamphlet to

THE NORTH TEXAS LAND COMPANY, 100 Market St., Texline, Texas

FOR SALE.

240 ACRES only four miles from Anita, Iowa, right in one of the best corn belts in Iowa. This farm has a large square house with basement and summer house, fine water, deep well, windmill and tanks, fine barns, haysheds, hog house, double cribs and is one of the best farms in the country. Owner wants to go west and will take \$70 per acre. 200 acres three and one-half miles from Anita with a good five room house, new barn and richest kind of corn land that has to be sold to divide up a partnership deal. It can be bought for \$65 per acre. Address, **CONWAY & CAREY, ANITA, IOWA.**

DON'T GO WRONG

and its crops, before you decide—then you'll buy here. Write to

E. E. McCall, - - WINTERSSET, IOWA.

TEXAS Pan-Handle Lands

60,000 ACRES choice alfalfa lands. Close to railroad. Easy terms. Good soil. Good water. For further information, write

The Butler Land Co., Butler Mo.

Central Missouri Farms

IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address,

W. Ed. Jameson, - - Fulton, Mo.

FARMS

In western Kansas at owners' prices.

Dodge City Realty Co., Dodge City, Kan.

dairying offers exceptional opportunities. Whatever the product of your farm may be, you have a big unfailing market at good prices in which to dispose of it.

HAPPY HOMES

In addition to the great money-making opportunities that Saskatchewan offers to farmers, it also has all the features that go to make home life attractive, comfortable and happy.

The climate is unequaled for healthfulness; the water pure and abundant; fuel plentiful and cheap. There are fine schools for your children—hundreds of churches for family worship—while the class of intelligent farmers makes the social life of the region most agreeable.

GREAT OPPORTUNITY

Our offer to sell farms in this Great Saskatchewan Region at our own risk, and to guarantee a profit on every acre, places them within easy reach of every progressive farmer who seeks greater money-making opportunities—of every young man who wishes to establish a permanent home—of all who have become discouraged by worn-out lands and poor crops and who desire to better their condition.

HERE IS OUR OFFER

We will sell you a fertile farm of 160 acres either for cash or on easy payments, and we will give you a **Guarantee Bond**, stipulating that if at the end of five years you are dissatisfied we will buy back the land at an advance of 50% over the purchase price.

For every dollar you pay us we will give you back a dollar and a half, and so on up.

ACT QUICKLY

Our lands are selling so rapidly that prompt action on your part is necessary if you would take advantage of this offer.

The price of Saskatchewan lands is constantly going up, and therefore the time to buy is now.

Write for complete information and descriptive matter "F" and do it before the choicest tracts are taken.

SASKATCHEWAN REALTY & IMPROVEMENT CO.

(Capital, \$250,000.00)

312 Jackson St., ST. PAUL, MINN. Regina, Saskatchewan, CANADA.
NOTE—We also have large tracts, embracing one or more sections, suitable for ranching and other extensive agricultural operations. Full details on request.

We Will Take In Registered Stock

As part payment for some of our first class Improved

North Dakota LAND

The best in America. Send for our illustrated land book. Write us what kind of stock you have and how you wish to deal.

J. B. STREETER, JR., COMPANY,
BANKERS,

Laurel, North Dakota
Capital and Surplus, Responsible Agents
\$250,000. wanted everywhere.

FARM FOR SALE

A SPLENDID INVESTMENT.

202 ACRES, half mile north of court house, Marshfield, Webster Co., Mo.; three-fourths mile to depot. Express office and fine graded school, seven teachers. One of the best improved and productive farms in the county. Fine for dairy, blooded stock, grass, grain and fruits. Abundance of never-failing, pure spring water. Good buildings. Great bargain at \$36 an acre. Reason: old age. For particulars, address **WEBSTER** owner, **Matthew Long, Marshfield, COUNTY, Mo.**

FOR SALE.

Splendid Stock and Grain Farm of 360 Acres. 20 MILES from the Twin Cities, at \$42.50 per acre. Best of soil; land equal to Ia. or Ill., except in price. Fine buildings and improvements. Vicinity enjoys R. F. D., farmers' phone, creameries and railroad market towns. This farm is one of the best bargains in Minn. and must be sold by Nov. 1st. No commission to be paid. \$5,000 cash will handle it. No trades. If you mean business write for particulars or call upon the owner.
Room 601, Minn. Loan & Trust Building, Minneapolis, Minn.

LAND. LAND. LAND.
FINE Buffalo County farm of 720 acres for sale, on account of owner wishing to engage in other business. This is one of the finest farms in the state. All A No. 1 farm, wheat and alfalfa land. There are over 40,000 worth of improvements upon this land; 500 acres under cultivation, 80 acres in alfalfa, balance in pasture and wild grass meadow; located 1 mile from school, in one of the best neighborhoods in the county; 12 miles from Kearney, 5 miles from two stations. This land will pay 25 per cent on the investment. Will sell 560 acres in case purchase; does not want the entire tract. Price, \$60 per acre, good terms. Also a little home of 20 acres, good improvements, located only 3 miles from Kearney; the finest truck and garden land in the world. Price, \$2,000. For above land address owner, **W. H. GRASSMEYER, RIVERDALE, NEB.**

COME WHERE CROPS NEVER FAIL.

FREE information about irrigated land in the Gridley Colonies, Butte Co., California. No crop failures on irrigated land. Five to six crops alfalfa every season. Dairying and stock raising highly profitable. Peaches, grapes, figs and English walnuts give big profits. Abundant water for irrigation at low rates. A fertile and prosperous section, with good schools, churches and good roads. Two railroads. Good market. One hundred families have settled at Gridley the last year. Many more coming. Write for free printed matter. **Chas F. O'Brien, Gen'l Mgr., 1109 Post St., San Francisco, Cal.**

THE CHEAPEST LANDS

IN the U. S. today, when quality, climate, diversity of crops, largest returns for labor and natural advantages are considered, is in the "Panhandle of Texas." Arrange to go with us on our next "Special Train" excursion. These trains leave Kan. City on every 1st and 3d Wednesdays of each month at 10 o'clock A. M. Write us for description of country, products, advantages and prices. All inquiries promptly and cheerfully answered.
U. S. IMMIGRATION CO., 305 JUNCTION BLDG., KANSAS CITY, MO.

IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1906 descriptive list. Address, **J. G. SHRIVER, - - Winterset, Iowa.**

GOOD FARM FOR SALE.

160 ACRE unimproved fine corn and grain farm 4 miles from Mason City, on main road to Manly Junction, 100 rods to farmers co-operative elevator and school, land lies square, good building site with big grove of young timber. R. F. D. and telephone line. For terms, price, etc. address, **D. McFAIRLANE, Mason City, Iowa.**

MISSOURI

BARGAINS in Bates county farms; in the corn and blue grass belt. Write for list.

BUTLER LAND CO., BUTLER, MO.

THE RICHEST FARMS FOR SALE

WHERE everything grows large, in southeastern Kansas, 113 miles south of Kansas City, and 30 miles west of Missouri. Prices away below their value. Maps and printed information. No trades.
Thos. D. Hubbard, Kimball, Kan.

163 ACRE farm for sale 1 1/2 mi. from Crookston; 130 a. under cultivation; bal. timber pasture.
W. H. RAGER, CROOKSTON, MINN.

FOR SALE—Best stock feeding plant in S. W. Missouri. For particulars write at once to A. W. Ollis & Co., Springfield, Mo.

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

Iowa Farm

485 ACRES, 5 miles from county seat, town of 3,000 people, 300 acres under plow, balance pasture with 60 acres good timber, two sets of buildings, good 10-room house, barn, etc., good rich fertile land. A big bargain; price \$45 per acre, easy terms. Address owner,

SHRIVER REALTY CO.,
302 Century Bldg., Des Moines, Iowa.

I CAN SELL YOUR REAL ESTATE

PROPERTIES and business of all kinds sold for cash in less than 90 days in all parts of the United States. Don't wait; write today, describing what you have to sell, and give cash price on same. If you want to buy I can save you money.
A. EDGAR DAVIS, Real Estate Broker, Home Dept., Lincoln, Neb.

FOR choice bargains in farm lands in central Neb., the great alfalfa and corn country, address, **P. H. Marley, Mason City, Nebraska.**



Dates Claimed for Live Stock Sales.

DUROC JERSEYS.
 Sept. 20, A. W. H. Orr, Lorimer, Iowa.
 Sept. 20, A. F. Russell, Savannab, Mo.
 Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Skeen, South Auburn, Neb.
 Sept. 25, A. L. Mossman, Radcliffe, Iowa.
 Sept. 26, Peck & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 26, W. A. Craver & Son, Fillmore, Ind.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 28, W. A. Rankin, Carson, Iowa.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, John Weighton, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 3, R. J. Harding, Macedonia, Iowa.
 Oct. 4, O. E. Osborn, Weston, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, E. Z. Russell, Blair, Neb.
 Oct. 8, J. C. Danner, Yale, Iowa.
 Oct. 8, R. E. Williams, Oakland, Iowa.
 Oct. 9, August Voge, Portsmouth, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, A. L. Mason, Early, Iowa.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, F. D. Woodkie, Shaller, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelby, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Aldritt, Friend, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Marrs, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 17, E. A. Olive, Scranton, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, Manlove Bros. & Norris, Bowen, Ill.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Jan. 31, Raleigh Wilder, Central City, Neb.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Ed. A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Ill.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, H. Higgin & C. T. Roberts, Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Charlton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannab, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 28, Albert McMahon, Craig, Neb.
THE ONLY WAY DUCRO CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrother & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
SHORT-HORNS.
 Sept. 7, Combination sale, D. J. Cronin, Mgr., O'Neill, Neb.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O'Kane at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, John Hughes, Belle Plaine, Iowa.
 Oct. 6, A. M. James, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humholdt, Iowa.
 Oct. 17, F. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 18, W. L. Wood, Washington C. H., O.
 Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 23, T. A. Davenport, Belmond, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, T. A. Baldwin, Emmetshurg, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
HEREFORDS AND SHORT-HORNS.
 Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
POLAND CHINAS.
 Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 25, W. T. Garrett & Son, Maryville, Mo.
 Sept. 26, J. W. Pfander & Sons, Gravity, Ia.
 Sept. 27, Ed Holmes, Bedford, Iowa.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 28, E. E. Leighton, New Market, Iowa.
 Sept. 29, Fred Reed, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, F. J. Green, Early, Iowa, and Ben Broughton, Lake View, Iowa, sale at Lake View.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Road, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farliu.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
ABERDEEN ANGUS.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 19, M. D. & C. G. Korn and Wm. Dixon, Hartwick; U. S. Grant, Brooklyn; A. H. Kimball, Ladora, and H. H. Reed, Mar-engo, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Oct. 25, McElhinny & Cubit, S. E. Edgar, and others at Morning Sun, Iowa. W. K. Henss, Manager, Wayland, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seihel, Paton, Iowa.
 May 23, C. J. Martin, Churdan, Iowa.

Dates Claimed for Live Stock Sales.

HEREFORDS.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUCROCS AND POLAND CHINAS.
 Sept. 14, Combination Sale, J. F. Schohy, secretary, Algona, Iowa.
SHORT-HORN CATTLE AND TROTTER-BRED HORSES.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
GALLOWAYS.
 Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reese, Prescott, Iowa.
POLLED DURHAMS.
 Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.
SHROPSHIRE SHEEP.
 Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
STANDARD BRED AND DRAFT HORSES.
 Sept. 26, McNeil Bros., Bowen, Ill.
DUROCS AND SHORT-HORNS.
 Oct. 27, A. P. Alsin, Boone, Iowa.
SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Charlton, Iowa, C. W. Huntley, Secy.
PERCHERONS.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
CHESTER WHITE AND DUCRO JERSEY HOGS AND SHROPSHIRE SHEEP.
 Oct. 11, Combination sale, J. S. Kennedy, Mgr., Blockton, Iowa.
O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.
POLAND CHINAS AND HEREFORDS.
 Feb. 14, Peter Mouw, Orange City, Iowa.
POLAND CHINAS, DUCRO JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northwest Breeding Company, Emmetsburg, Iowa.
SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

FIELD NOTES.

Some good Short-horn bulls are offered for sale by Mr. W. E. Cutler, of Corydon, Iowa.
 Some good Poland China boars are offered for sale by Messrs. Sandquist Bros., of Oakland, Neb.
 Mr. Albert Bell, of Lake City, Iowa, offers a splendid lot of Duroc Jersey boars and sows for sale.
 Mr. S. G. Collicott, of Lake City, Iowa, changes his claim date from January 15th to January 16th. Duroc Breeders take notice.
 The date of Wednesday, December 19th, is named as that on which Mr. E. R. Morgan, of Blue Rapids, Kan., will hold his next annual sale of Hereford cattle.
 Mr. J. C. Danner, of Yale, Iowa, a Duroc breeder, claims October 8th for his fall boar sale. Announcements will appear later. Thirty head are to go, by royal-blooded sires.
 Mr. John Hughes, of Belle Plaine, Iowa, announces a public sale of Short-horn cattle to take place October 6th. The offering will consist of about forty head of well-bred cattle.
 The Northern Iowa Land Company, of Independence, Iowa, wants farms in exchange for income property, residences, hotels, elevators, etc. Their advertisement appears on page 20.
 Mr. Claude Huffman, of Scranton, Iowa, claims January 29th for his spring brood sow sale. Duroc breeders will find the offering a good one, as Mr. Huffman knows how to raise good ones.
 If you desire to purchase a good Iowa farm write the Northern Iowa Land Company, of Independence, Iowa, for their new illustrated list of improved Iowa farms as per their advertisement on page 20.
 Mr. Wm. Beal, of Fairbanks, Iowa, is offering the Fountain Stock Farm, located four and one-half miles from Readlyn, Bremer county, for sale in his advertisement appearing on page 20 of this issue.
 We call to the attention of Duroc breeders that the claim date of Mr. W. C. Wicks, of Manilla, Iowa, has been cancelled for his sale, and Mr. John Weighton, of Auduhon, Iowa, will take his date, January 22d.
 We desire to call final attention to the combination sale of pure-bred cattle and hogs which is announced to take place at Algona, September 14th, during the Kossuth County Fair. The offering of cattle will include representatives of the Angus, Short-horn, Red Polled and Hereford breeds; the hogs will be of the Poland China and Duroc Jersey breeds. They are contributed from the leading herds of the county and will include many prize winners and the produce of prize winners. For catalog address Mr. C. T.

Chubbs, Algona, Iowa, after reading the advertisement on page 30.

A nice, growthy lot of Durocs to go under the hammer at Lorimer, Iowa, on September 20th. See the sale announcement of Mr. A. W. H. Orr, on page 26. Send for a catalog. Bids sent will be honorably handled.
 A good young Scotch bull is offered for sale by Mr. Delmar McCann, of Kennard, Neb. He also has a number of good, useful Scotch-topped bulls for sale. It will pay anyone wanting a bull to call and see these.
 Mr. John Justice, of Ankeny, Iowa, will hold a spring brood sow sale on February 15th. He had a number at the Iowa State Fair this past week, and while not there for premiums especially, Duroc fanciers found them good individually.
 Mr. J. A. Russell, of Cornlng, Iowa, the owner of the great Duroc Jersey boar, Tip Top Notcher, Jr., will sell two dandy litters sired by Proud Advance in his sale which will take place on October 27th. His advertisement appears on page 26 of this issue.
 Messrs. A. L. & U. S. G. Lynch, of Mt. Ayr, Iowa, bought of Messrs. Manley & Co. the fall boar, son of Orion and out of a Red Chief I Am sow, to head their herd. They will use him on Proud Advance and Ohio Chief stuff and he should add materially to their herd.
 Mr. D. W. Nickerson, of Marble Rock, Iowa, is offering registered Collies for sale in his advertisement on page 26. He states that Prairie View Hope, at the head of his stud, is a son of the famous champion, Wellesbourne Hope. If wanting to purchase a good registered Collie, write Mr. Nickerson.
 Mr. O. Osborn, of Maxwell, Iowa, known by breeders of Durocs over Iowa and other states, claims February 8th for his spring sow sale. Mr. Osborn sells thirty-five head. The following breeding represents the offering: Perfection, King, O. West by Royal Wonder; also a number by Long Tom pigs.
 Mr. A. L. Mossman, of Radcliffe, Iowa, proprietor of the Prairie Glen herd of Duroc Jerseys, will hold a boar sale on September 25th. About thirty-five head will go under the hammer. Boars sired by Tientzin, A. L.'s Advance, A. L.'s Chief and J. Wonder. The sale advertisement will appear soon. Watch for it.
 Mr. W. H. Rager of Crookston, Minn., offers to Homestead readers a well-cultivated 163-acre farm situated within one and one-half miles of that city. The farm is nearly all fenced, with 130 acres under cultivation, the balance being in timber pasture, with five acres of hog pasture. For further particulars write Mr. Rager.
 Mr. O. R. Phelps, of Taintor, Iowa, has a nice bunch of fall and spring stuff to go. He raises Poland Chinas exclusively and keeps them coming all the time. He has some fifty or sixty head ready to be placed in his fall sale October 18th, besides other good ones to go now. Better look over his card on page 26 and write for prices.
 Mr. S. P. Freed, of Ames, Iowa, the owner of Woodland herd of Duroc Jerseys, has an advertisement on page 26 that will be of interest to those desiring well-bred boars of exceptional quality. Mr. Freed has a number of boars that are full brothers to the first-prize junior yearling sow, Ruberta, ready to go. Better write him for prices. Always good stock to be had from this herd.
 A few good Duroc boars sired by a son of Malcom's Model and a son of Crimson Wonder I Am are offered for sale by Mr. Wm. Malcom, of Worthington, Minn. The latter boar is a full brother to the Allen boar that won first and sweepstakes at the Iowa State Fair last week. An order sent to Mr. Malcom will be the means of you getting just what you ask for and you can depend on it.
 A splendid stock and grain farm containing 360 acres and located twenty miles from St. Paul and Minneapolis is offered for sale on page 21 of this issue of The Homestead. The farm is considered one of the best bargains in Minnesota and must be sold by November 1st. For further particulars, read the advertisement the address of which is Room 601, Minnesota Loan & Trust Bldg., Minneapolis, Minn.
 We take space here to rectify a slight error in regard to the field note in last week's paper referring to the herd header used by Mr. F. M. Huff, of Afton, Iowa. It was stated that an Ohio Chief boar was the herd boar used. This should have read a Perfection Chief pig, a son of Perfection 23367, second at St. Louis in 1904 and first in eighteen months class at Iowa State Fair last year. Mr. Huff will start his card in these columns soon.
 Mr. S. S. McKibben, of DeSoto, Iowa, in furnishing copy for his advertisement on page 15 of this issue, writes: "Having decided to close out my flock of hornless goats, will sell does and bucks in lots to suit purchasers. Have bred the poll goats for over nine years and have bought some of the best bucks that could be found in the United States of that breed; but will offer them at prices that will close them out quickly. Oregon Joe, that heads my flock now, is large and very good, and is also for sale. Write me."
 Mr. U. G. Davidson, of Manson, Iowa, was smiling all over at the Iowa State Fair last week because Crimson Wonder Again, a son of his old sweepstakes boar, won first and sweepstakes at the state fair. Crimson Wonder I Am 2d, another son, won third in same class. Mr. Davidson has a nice bunch of pigs by the same sire which will be ready for the trade in October, and a few of these bid fair to equal anything he has ever raised. He has for sale a son of Orion that is sire of the dam of the sweepstakes boar.
 In our issue of August 30th, on page 11, if the reader will take the trouble to refer to it, will be seen the advertisement of "The Paint Man," Mr. O. L. Chase, 701 I Olive St., St. Louis, Mo. Mr. Chase will send two gallons of paint free to try. This paint man sells paint in a new way and in such a way that his customers are satisfied. His paints are not ready made, so to speak, but in one can is the pigment and in another the real old-fashioned oil, and the paint can be mixed fresh when needed. Any person who contemplates painting will do well to refer to this advertisement and see what Mr. Chase will do. Information about paints and painting in an economical way will be

furnished by writing Mr. Chase at the above address, mentioning The Homestead.

About twenty-five choice Duroc Jersey boars pigs are offered for sale by Messrs. Jos. Skinner & Son, of Bedford, Iowa. They are very reasonable in their prices and have good stock.

Mr. A. Latimer Wilson, of Creston, Iowa, writes that he has landed safely with his importation of Percheron, Shire and Belgum horses, and that he is still offering a choice at \$1,000.

Mr. Charlie Daws, of Harlan, Iowa, offers two good young Short-horn bulls for sale sired by Nonpareil King, the noted sweepstakes bull. These are red in color and are herd headers. He has a few others for sale, also some good Poland China boars.

Don't fail to attend the A. W. H. Orr Duroc sale, at Lorimer, Iowa, on Thursday, September 20th. Every individual a good one; some will make excellent herd headers. Send for catalog at once. Breeding given will please Duroc breeders. See sale announcement on page 26.

Mr. H. S. Allen, of Russell, Iowa, owner of the sweepstakes boar at the Iowa State Fair, starts his advertisement this week. If you want a Duroc Jersey boar sired by the greatest son of Crimson Wonder I Am, you will have to write for him at once. Mr. Allen has some good ones.

Mr. R. E. Williams, of Oakland, Iowa, will make a public sale of forty head of good, useful Short-horn cattle, at Oakland, on October 8th. It will include nineteen cows with calf at foot by his present herd bull, Grand Champion 151483, besides a good lot of yearling and two and three-year-old heifers. There will also be eight head of young bulls in the sale.

Messrs. J. W. Knowles & Son, of Craig, Neb., offer eight fat boars, two yearling boars and fifty spring pigs for sale. These are sired by Klever's Gay Lad, one of the best sons of the famous old boar, Thickset. The above firm have some of the best Tecumseh sows in the West and they also have one of the best Poland China herds. Try them with an order.

Messrs. White Bros., Perry, Iowa, offer some grandly-bred yearling Angus bulls for sale at very reasonable prices. One of these is a Blackbird, one a Trojan Erica, another is a double-bred K. Pride and one Queen Mother. They are all sired by Prince of Pilsen, a son of the \$2,000 bull, Cranewood Black Knight. Anyone wanting an Angus bull can get a bargain if they go after these at once.

Mr. Fred Ruehush, breeder of Chester White swine, of Good Hope, Ill., writes: "My herd is doing fine and I am having fine sales. I have several extra good September and October boars for sale yet, also a choice lot of February, March and April male pigs, weighing from 100 to 150 pounds. They have good bone, length, etc., and have been fed for breeding purposes, consequently will be of good service. I could also fit up several young herds of April and May gilts. Pedigrees furnished free. Prices reasonable."

Nearly every farmer is interested in guns. They are so handy on a farm and become an article of real necessity. The best is none too good and for that reason we direct the attention of our readers to the advertisement of the Marlin Firearms Company, 135 Willow St., New Haven, Conn., found on page 19. Every son goes through the gun-hunger period, and he is all the better off by being taught how to handle a good gun. No farm is complete without a gun as a protection against marauding animals. Send for booklet of information about these guns.

Everybody is interested in the shoe business, an interest that leads us to want the best. The price is an item in the purchase of shoes and when factory made shoes can be bought at factory prices direct it is an item that is worth looking after. On page 17 will be found the advertisement of Mr. W. L. Douglas, Department G, Brockton, Mass., which should have the perusal of all who are interested in good shoes. No matter where you live you will be interested in them and if your dealer does not have them, insist on being shown before making a purchase.

On page 10 will be found the advertisement of the Rex Flintkote Roofing, manufactured and sold by J. A. & W. Bird & Co., 86 India St., Boston, Mass., and 222 East Lake St., Chicago, which will interest all who are contemplating building or repairing. This roofing is one that gives satisfaction wherever it is introduced and is easily put on, is durable, economical and seems to just fill the bill. It requires but a moment to compute the economy in this roof when one knows how extremely high shingles are. If you are interested in roofing send for a free sample of this roofing and give it a close examination.

The telephone on the farm has come to stay and farmers are interested in getting the best. On page 19 will be found the advertisement of the Stromberg-Carlson Telephone Manufacturing Company, G-12, Chicago, Ill., who will send any person interested in telephones a book which should be in the hands of every progressive farmer in America. This book will contain all the information needed about telephones and it comes from the greatest independent house engaged in the business. The machines put out by this firm are well constructed, durable and economical and will be found money savers. Sit right down now and write, "Send me your fifty-two-page booklet, 'How the Telephone Helps the Farmer,'" using the above address.

We take pleasure in calling the attention of Homestead readers to the Duroc Jersey advertisement of Mr. W. J. Prather, of Russell, Iowa, which begins with this week's issue. Mr. Prather has a good herd, and a well-bred herd, and he always prices his pigs within reach of everyone. He writes as follows regarding his present crop: "The pigs I am offering are by such boars as Prather's Top Notcher, Leather Stockings 2d, Tom Davis, Top Notcher Again and Proud Advance. The last two boars need no introduction, but I wish to say a word about my herd boar, Tom Davis. He is a son of the noted Iowa State Fair winner, Ben Davis, and is out of an Ohio Chip dam, and I think he is as large for his age as any hog of any breed that ever trod on Lucas county soil. He has a nice head and ear, prominent eye, good color, bone and back, and is an

all round good hog. I have a splendid lot of young boars that I will price within reason and I will also sell some choice young gilts."

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., are certainly offering some good bargains in land. If interested look up the advertisement on page 20 and write them today.

Mr. Samuel Farnsworth, of Middletown, Ohio, for six cents will send a forty-eight-page catalog about 15,000 ferrets that he is advertising for sale on page 15. These animals are good rat exterminators and can be used to good advantage in hunting rabbits.

Mr. C. Hutchens, of Amoret, Mo., in his advertisement on page 20 makes the assertion that Bates county, Missouri, is the best county in the state for corn, clover and wheat; that it is also a fine fruit country, with short winters. He has farms for sale. If interested write him for description.

A very attractive proposition in a half section of North Dakota land is that presented to The Homestead readers in the advertisement of Mr. Paul S. Stearns, of Westhope, N. D., which appears on page 20 of this issue. For further particulars read the advertisement and address Mr. Stearns as above.

Mr. B. G. Stark, of Livermore, Iowa, one of the oldest Short-horn breeders in the state, will make a sale of fifty head of Short-horns on October 16th. The females will be mostly of the Young Phyllis, Young Mary and Arabella tribes and will have from three to five Scotch tops on them. He will sell about ten young bulls in the sale.

On page 4 will be found the advertisement of the Kalamazoo Carriage & Harness Co., Box 214, Kalamazoo, Mich., manufacturers of buggies and harness. This firm are just now offering some special bargains in buggies and harness that it will pay to investigate. By dealing with them one buys direct from the factory. Write immediately for special prices and booklet of information.

Mr. August Sonneland, of Harlan, Iowa, and Mr. August Voeg, of Portsmouth, Iowa, bought Kruger's Lad, winner of first in his class at the Iowa State Fair last week. They purchased him of Mr. Ira Jackson before the show and he was the greatest pick-up on the grounds. He has every reason to be one of the greatest next year and he will certainly make a reputation for these two herds.

Mr. Thos. D. Hubbard, of Kimball, Kan., will furnish to Homestead readers map and printed information in regard to some rich Kansas farms which he has for sale in southeastern Kansas, 113 miles south of Kansas City and thirty miles west of the Missouri line. In his advertisement on page 21 of this issue of The Homestead Mr. Hubbard states that he will make prices away below their value.

If the reader of this note is afflicted with asthma, or if he has a friend to whom he could impart the information given in the advertisement of Dr. R. Schiffmann, of St. Paul, Minn., on page 7 of this issue, he would, in sending stamp for a free sample of Dr. Schiffmann's asthma cure, do himself or his friend a great kindness. This cure is used by inhalation and its action is immediate, direct and certain, and a cure is promised in all curable cases.

Mr. Samuel Bone, of Montezuma, Iowa, breeder of Chester White swine, starts his season's advertising in this issue of The Homestead. In furnishing copy Mr. Bone writes: "My hogs are in the best of health and doing fine. I have a nice lot of April pigs to offer to Homestead readers. Our Barred Plymouth Rocks are coming on in fine shape. I have some real beauties ready to sell at bargain prices." See his advertisement on page 26.

Mr. Reuben E. Sanders, well and favorably known all over the state as the proprietor of the Full Moon herd of Poland China swine, aims to satisfy his customers. Mr. R. D. Kelley, of Chatfield, Minn., a breeder of Poland China swine for a number of years, in sending to Mr. Sanders for an individual, gives the following testimonial: "Mr. Sanders, Dear Sir:—The pig came through O. K. He suits me all right and is just what I wanted; in fact, he ought to satisfy anybody, and I am very thankful to you for your good judgment and fair dealing." Breeders in need of Poland Chinas will do well to correspond with Mr. Sanders, stating just what kind of pigs they desire. Look up the advertisement appearing on page 23 of this issue.

Investors in real estate as a usual thing rely strictly upon their own judgment as to what future profits in their ventures will be. Large fortunes have been made in the West from such investments, however. There is an opportunity afforded to every Homestead reader now to make his money earn 50 per cent in five years if he takes advantage of the offer made by the Saskatchewan Realty & Improvement Co., of St. Paul, Minn., on page 21 of this issue. They make an unusual proposition in western Canada lands in the form of a guaranty bond to the effect that every acre they sell they will buy back at the end of five years at an advance of 50 per cent if the purchaser so desires. These lands are located right in the heart of the Saskatchewan country, the great wheat region of western Canada, and it can be proved by official facts and figures, so the advertisers aver, that this is the most productive wheat region

in the world, and that more bushels to the acre are raised than anywhere else. These lands produce good crops of all kinds of grain, and stock can be raised at the least expense, while the opportunities in dairying are exceptional. The climate is healthful, the water pure, and fuel plentiful and cheap. After reading the advertisement above referred to, if interested or contemplating purchasing lands anywhere, write the company for their complete information and "descriptive matter F."

Mr. B. R. Burt, breeder of Chester White swine, of Coggon, Iowa, writes: "I will be at the Linn County Fair, Central City, Iowa, on September 11th, 12th, 13th and 14th, with some of the representatives of the King B. herd of Chesters. If any reader of The Homestead is in need of anything in this line I would be pleased to have them call around and see my stock, or, if that is not convenient, write." Mr. Burt's advertisement appears on page 27 of this issue.

Mr. Ilarman Gruver, of Brewster, Minn., has a grand lot of Duroc Jersey boars for sale sired by Gruver's Orion. This boar is one of the best we have seen in Minnesota and he is the sire of the barrow that won first at the International and also the barrow that won first and second on dressed carcass. Mr. Gruver has some exceptionally good pigs and he is pricing these very low. Write him about a pig at once and you will be sure to get one of the best he has.

Mr. J. T. Scarff, breeder of Chester White swine, of Salem, Iowa, writes us as follows in regard to his stock: "I am on the market once more with some fine O. I. C. pigs, as good as I ever raised, and will depend on your paper for an outlet for them. They are extra good in bone and length and I will fill the description given to the best of my judgment and if the purchaser is not satisfied on arrival of pig I will satisfy him if he comes back. I expect the farmers' trade and will sell for the next thirty days at \$15 each, and they are better than I have had shipped from large breeders at \$30 to \$50 each."

Messrs. J. W. Pfander & Son, of Gravity, Iowa, will make a public sale of Poland China hogs at the above place on September 26th, and we want to say that there will be very few sales this fall that will be able to show as good a lot of stuff as they will offer. In this sale they will sell a daughter of Mr. Fred Rood's famous old sow, Giantess, and she will have a litter in the sale that have been considered by breeders one of the best that has been seen this year. The offering throughout is a high-class one and to those who are looking for size with quality we can recommend this sale as among the good ones of the year. Write for their catalog at once, so you will be sure to get one. Kindly mention The Homestead when doing so.

Mr. W. H. Jones, of Quimby, Iowa, will make a public sale of Aberdeen Angus cattle at his farm adjoining town on Thursday, October 18th, at which time he will sell forty-five head of cattle. There will be thirty-five females and ten bulls in the sale. Among the females there are three Blackbirds, two of them with calves at foot; two Ericas; four Prides, three of them with calves at foot; two Heatherblooms, with calves at foot; nine Janetts, four of them with calves at foot, and balance of the noted families. The calves are sired by Cherokee Blackhawk 59521 and Imp. Edward R. 61744. Cows and heifers of breeding age will be bred to Cherokee Blackhawk 59521 and Edwale 5748, sired by Imp. Edward R. 61744, dam Eline of Balmoral 61747, a Trojan Erica bull of rare quality and breeding.

On page 15 will be found the announcement of Mr. John Graham, of Eldora, Iowa, announcing for sale some unusually heavy-boned, large-framed, Oxford Down rams and ram lambs. Mr. Graham exhibited at the Iowa State Fair last week, winning third on two-year-old ram, first on pen of four lambs, the get of one sire; third on ram lamb, third on ewe. The above was all won in the open class. In the Iowa class he won first on two-year-old ram, first and second on yearling ram, first and second on ram lamb, first and second on ewe lamb, championship on ram and first on pen of four lambs, the get of one sire, Variety First. Mr. Graham has for sale some of the above-described stock that will be priced right to Homestead readers. We examined his stock and find that he has some exceptionally well-shaped sheep.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., write: "We are having some nice letters from parties who are looking for homes. They speak of rent being very high, which is true. Also others want to get close to a good market, good schools and churches, in fact, a live, up-to-date town. The land we are advertising is not only good, but very good, and lies right up against just such a town. The place is Kirksville, the Athens of North America. The people are prosperous and happy and they have a right to be, as such a thing as crop failure is unknown. Of course some years are better than others, but bear in mind the good old county of Adair has never gone begging. Now, please remember if you want to live in Missouri in a good county and right up close to a nice little city, just come over to see us. We will take pleasure in showing you these land bargains we are offering with no expense to you whatever. Also remember we own these lands and you need not pay all down if you don't want to. If interested

The lamp is yet to be made for which I haven't made a chimney that fits.

MACBETH on lamp-chimneys means fit and freedom from all chimney troubles.

A MACBETH chimney doesn't break from heat.

My Index gives a fuller explanation of these things, and may be had for the asking.

Address, MACBETH, Pittsburgh.

please write us and we will take pleasure in answering anything you wish to know in regard to these farms, and should you drop in town, just call us up and we will come right in after you. If you want to know anything about us we have four banks in our town. Just call in and ask them about us. When writing please state the paper you saw our advertisement in." See advertisement on page 20.

Mr. C. A. Steele, proprietor of the Rhine Valley herd of Poland Chinas, of Ogden, Iowa, is offering the herd boar, Defender 98447, for sale in his advertisement appearing on page 26 of this issue. Mr. Steele says: "Defender is for sale because I cannot use him longer. His sire, Corrector 26466, is too well known to need any comment, and his dam, Margaret 71726, was sweepstakes sow at Des Moines in 1901 and was one of the best sows in Messrs. Wynn & Maston's sale." Mr. Steele also has for sale or exchange a yearling by L's Keep On, also spring boars by Defender out of well-bred dams. They are lengthy, broad-backed, heavy-boned fellows, and the prices at which they can be purchased are named in the advertisement above referred to.

Mr. W. H. Grassmeyer, of Riverdale, Neb., has decided to sell his 720-acre farm, located within five miles of that city, which is only five miles from Kearney. Kearney is in the heart of the best farming district in that state and this farm is all fine, level land, with deep black loam and clay subsoil. The improvements on the farm amount to over \$10,000, there being a new eleven-room house, two large new barns, granary room for 15,000 bushels of grain, corn cribs for 10,000 bushels of corn, two chicken houses, two large hog houses, and a good feed yard. Mr. Grassmeyer's advertisement appears on page 21, from which further information can be obtained. Mr. Grassmeyer also has for sale twenty acres which have good improvements. He reports that this is one of the finest garden and little truck farms in the state.

We wish to call our readers attention to the advertisement of the Only Manufacturing Company, of Hawarden, Iowa, on page 3 of this issue of The Homestead. The patentee of the Only, Mr. Case Noteboom, is one of the largest hog raisers in northwestern Iowa and has repeatedly performed the feat of raising 1,000 hogs a year. In his booklet, "How I Raise 1,000 Hogs a Year" by a man who does it, he endeavors to sum up his experience in such a way that it will be a benefit to all interested in hog raising. Ten cents in stamps brings the booklet by return mail. The Only is the product of twenty-five years' experience in hog raising and is the simplest, most durable and most reliable hog and sheep waterer on the market and is guaranteed to run in winter, a feature possessed by no other waterer. Write for circulars, mentioning The Homestead.

Mr. A. F. Wilson, of Statesbury, Mo., is advertising Missouri farms (located in Vernon, Bates and adjoining counties) for sale on page 20 of this issue of The Homestead. Mr. Wilson lived for a number of years in Iowa and reports that he likes the Missouri country better in every respect than he did Iowa. He states that it is well watered, and for corn and tame grass the world cannot beat it; that it is also a fine fruit and vegetable country, with plenty of wood, and coal selling at \$1.25 per ton. Mr. Wilson spent time and money looking for a location farther south before he located at Statesbury, but concluded that it was the best all-round country he could find. He can refer The Homestead readers to Iowa men who have located there and who are well pleased. If any of our readers are thinking of buying farm lands in Missouri we would advise them to write Mr. Wilson for his list and any other information they wish. He will reply promptly and will send maps and particulars free. BUY LAND IN THE "PANHANDLE OF TEXAS."

No better time than now to buy in the "Panhandle of Texas," while the price of land is still low. The U. S. Immigration Company, of Kansas City, Mo., whose advertisement you will find on page 21, can give you valuable information as to land in Texas that is sure to increase in value within a few months. Excursion rates the first and third Wednesdays of each month. If you wish to learn about the opportunities for you in the "Panhandle of Texas" write to the above named firm, at the same time mentioning this paper.

HUNTER & SMITH'S JERSEY CATTLE.

Messrs. Hunter & Smith, the well-known breeders of A. J. C. C. Jersey cattle at Beatrice, Neb., are rapidly establishing a reputation as having one of the great herds of America. They breed from the best imported and home-bred stock, and are successful at the leading shows of the West. The only time they have ventured east of the Mississippi river was last winter at the national show at Chicago, and their cattle were winners in every class they were shown in. This year they are out at the great Iowa State Fair and at Hamline, Minn., and after their return home a review of the prizes won will appear in these columns. Just now this firm is offering young bulls

MOUNTAIN SECRET.

Red, calved Oct. 10, 1905. Bred and owned by A. C. Berry, Unionville, Mo.
Dams.
Sires.
Got by Imp. Mutineer
Sally 9th Prince Favorite
Imp. Sally Mountain Archer
Sally 6th Topsman
Sally 3d Romeo
Sally 2d Robinhood
Sally Darnlee

Mountain Secret, whose breeding appears above, is one of those thick, meaty Scotch bulls offered by Mr. A. C. Berry, of Unionville, Mo. Imp. Mutineer is undoubtedly one of the richest-bred Marr Missie bulls in America. This young bull promises good, he being an unusually well-balanced fellow, even in all his lines and has a head and horn that denote prepotency. Mr. Berry has other Scotch bulls got by Imp. Mutineer and all are the low-down, thick, meaty kind so much in demand. See page 29 for Mr. Berry's advertisement.

got by their champion show bull, Emanon and out of imported and St. Lambert cows. These are the butter-hed kind, are from heavy milking dams and Emanon is a sire that is known as a getter of heavy milking and high-testing females. It wanting a Jersey bull that is bred right and from stock that is noted for the production of high-class milkers Messrs. Hunter & Smith can supply your wants. See page 26 for their advertisement and when writing them kindly mention this paper.

A NOTED BOAR DEAD.

Messrs. Manlove Bros. & Norris, of Bowen, Ill., well-known breeders of Duroc Jerseys, have just had the misfortune to lose their principal herd boar, Big I Am. This boar was first at Illinois State Fair in 1904 and was being fitted for show this year. Big I Am was a breeding boar of unusual merit and much of his progeny has been picked up readily by best breeders. In losing Big I Am Messrs. Manlove Bros. & Norris have suffered a severe loss and have the sympathy of the Duroc fraternity.

HOMESEEKERS, ATTENTION!

Farmers looking for cheap lands, either for new homes or for investment, should not fail to communicate with Messrs. H. S. Crouse & Co., of Kansas City, Mo., who make a specialty of handling lands in the Panhandle of Texas. Cheap lands in Texas will not last long. A few hundred dollars will buy a good farm. You cannot afford to overlook the great bargains if you are interested in Texas lands. Read the advertisement of the above named company on page 7, and when writing kindly mention The Homestead.

ED HOLMES CLOSING OUT POLAND CHINAS.

On Thursday, September 27th, at his farm near Bedford, Iowa, will take place the closing out sale of Mr. Ed Holmes, one of the best-known breeders in southern Iowa. He goes to Canada and hence the dispersion of his herd. Everything goes—herd boars, brood sows and spring gilts and boars. His two herd boars, Mo. Perfection and Big Shamrock, will be included, also his interest in R's Cloud. It will be one of the opportunities of the year to get something good, as he is selling stuff in this sale that he has never priced before. Write him for catalog at once.

OHIO SUNSHINE BOARS.

With this issue begins the Poland China advertisement of Messrs. Wm. Ube & Sons, of South Omaha, Neb. This old, reliable firm have been breeding Poland for the past twenty-five years and have always produced the very best. At the head of their herd stands the splendid boar, Ohio Sunshine 2d 26447, a son of the great Ohio Sunshine, and they have a good lot of pigs sired by him. He is assisted by Fancy Perfection 28439 and it is hard to find two better boars in one herd. They have about seventy-five pigs sired by these two boars, out of a splendid lot of brood sows and no one need hesitate sending them an order. A representative of The Homestead has seen these pigs and can say to our readers that they are not only good, but the price is very reasonable. Those who may want a Sunshine or a Perfection boar had better write the above firm at once. Kindly mention The Homestead when writing. SAVE \$100 TO \$300 IN THE COST OF YOUR FUEL IN THE NEXT THREE TO FIVE YEARS.

This great saving will furnish two or three rooms in your home in elegant style. It will repaint and repair your house or barn or build an addition to either. It will buy the best piano made or send your son or daughter to college for a year. Fuel costs more each year and is getting to be a serious problem. Let us send you a copy of our free pamphlet, "Scientific Combustion" which will solve it for you for all time to come. It will teach you in one short lesson how to heat your home twice as comfortably at one-half the present cost. The truth of our claims will be guaranteed by your best home dealer, a man you know personally. Write us today asking for this valuable pamphlet. It is absolutely free. Address Cole Manufacturing Company, 3234-3244 South Western Ave., Chicago, Ill.

SHROPSHIRE RAMS AND EWES FOR SALE.

On page 26 of this week's Homestead will be found the Shropshire advertisement of Messrs. Daniel Leonard & Son, of Corning, Iowa, who offer a very choice lot of yearling rams and ewes for sale. They have imported and home-bred rams for sale suitable for flock headers. They have just received their Canadian importation of ewes and they are as good as have ever crossed the border. These were selected by Mr. W. H. Beattie, of Canada, the well-known judge who officiated at the great St. Louis show, the International, Toronto and Syracuse. These ewes are decidedly strong in quality and are what American breeders are now looking for. They also have three Buttar rams, selected from an importation of seventy head, and they will certainly add much strength and quality to the Leonard flock. If any of our readers want an imported or a home-bred ram or registered or unregistered ewes, they had better write Messrs. Leonard & Sons at once. Kindly mention The Homestead when doing so.

A. F. RUSSELL'S SALE OF DUROCS.

On Thursday, September 20th, at his farm five miles from Savannah, Mo., Mr. A. F. Russell, of Savannah, Mo., will sell seventy-five head of Duroc Jerseys, the tops of his 1906 crop of 140 head. Mr. Russell and his Duroc Jerseys need no introduction to the breeding fraternity and about all that is necessary is to say that he has the goods and will be prepared to deliver them on September 20th. A strong array of herd boars appear as sires, chief among these being Tip Top Notcher, the World's Fair champion; the \$2,000 Ohio Chief; Buddy K. IV., champion of Illinois State Fair last year. Lot 1 of the catalog is a yearling daughter of this boar that should sell up in the three figures. She is a show sow and is listed as an attraction. A litter of fall pigs got by Lafollette and out of S. E.'s Model will furnish some great material for breeders. Two are boars and four are gilts. S. E.'s Model, their dam, is a litter sister to the \$1,000 sow sold at Messrs. Sheldou & Sons' sale last spring. Other litters are by Russell's Duroc, Iowa King, Iowa Gem and other good sires. Mr. Russell says in his cat-

alog that this will be the best offering to go through a sale ring in the West this season, and that he wants you to come to the sale and see. Catalogs are ready and will be mailed for the asking. See page 25 and when writing kindly mention The Homestead.

BAXTER'S DUROCS.

Mr. Ed A. Baxter, of Pawnee, Ill., proprietor of the Pawnee herd of Duroc Jerseys, is offering a number of good spring and fall boars for sale sired by Buddy K. IV., the champion boar at Illinois State Fair 1905; Tip Top Notcher, grand champion boar World's Fair 1904, and other noted sires of the breed. Write him for prices, kindly mentioning this paper, as per the announcement on page 30 of this issue.

FREE SAMPLE OF AMATITE ROOFING.

If you have an Amatite roof you don't need to climb up every year and touch it up with paint, or give it a complete coating to prevent leaks. Amatite has a mineral surface that takes the place of the paint on the ordinary roofing. So your Amatite roof will take care of itself year after year without any worry or expense on your part. If you have never seen this roofing, send to the makers for the sample, which they are always glad to send on request. Anyone can lay it. Address the nearest office of the Barrett Manufacturing Company, Amatite Dept., New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans, Boston and Cincinnati.

SECKMAN'S CLOSING OUT SALE.

Breeders and farmers throughout the middle West should not overlook the advertisement of Mr. Geo. W. Seckman, of Ripley, Ill., which appears on page 31 of this issue. Mr. Seckman is one of the leading Duroc breeders of the country and the dispersion of his famous Gold Dust herd is one of the most important events of the season. The recent sale of Tip Top Notcher, the grand champion boar at World's Fair in St. Louis, to Messrs. Thomas & Hogsett, of Golden, Ill., and Fagan, Browning & McCabe, of Hersman, Ill., for \$5,000, and the fact that a number of his get, in fact, the bulk of the entire offering being by Tip Top Notcher, makes this one of the most important sales of the year. Write Mr. Seckman for catalogs and other information, kindly mentioning this paper.

TWO YEARLING DUROC JERSEY BOARS FOR SALE.

Where is the breeder that is looking for a herd boar? Two good ones are offered for sale by Mr. W. W. Wheeler, of Harlan, Iowa. One of these is Carmine Wonder and the other is Scarlet Wonder. One is sired by the great Tolstoy, the sire of Crimson Wonder, and also the grandsire of the sweepstakes boar at the Iowa State Fair this year; the other is sired by Pericles, a son of Orion and out of a Tolstoy sow. Mr. John Blain, the well-known Poland China breeder, while visiting Mr. Wheeler a few weeks ago, remarked that these two boars were the two best Duroc boars he had ever seen. Who wants them? The man that buys them will have to move quick, as they are good enough to not remain unsold very long.

THE PETERSON CLOSING OUT SHORT-HORN SALE.

One of the most important Short-horn sales that will be held in southern Iowa this year will be the closing out sale of Messrs. Peterson Bros., at Lamoni, on September 27th. They will sell sixty head and twenty-eight cows will have calf at foot. There will be quite a number of Scotch cattle in this sale and some imported cows. They are selling some cows in this sale that have sold for thousands of dollars when Short-horns were selling high a number of years ago. One of these is Imp. Crescent 8th and another is Imp. Princess Fame. There will be two Scotch heifers in the sale out of these cows, besides a number of others. The most of their cattle are well Scotch-topped, but they are also selling a number of absolutely pure Bates cows and one pure Bates bull. There will be several young bulls and their three-year-old herd bull, Gay Hampton 212202, a son of the great Hampton's Best. The sale is made necessary, owing to one of the brothers disposing of his farm, and here will be an excellent opportunity to get some good cattle. There will be a number of young bulls in the sale and some of these are of serviceable age. Kindly write for catalog and mention this paper. Watch our next issue for further particulars.

LAST CALL FOR THE HORNING SALE.

The real bargains in way of Duroc sows and spring pigs will be the dispersion sale at Liberty, Neb., on September 12th. Mr. Horning will offer the entire herd and we believe this sale will be one of the best to be offered in the state of Nebraska this fall. The opportunity to get a few royally-bred matured sows that have proven their worth is now on. These same sows will have litters by side on sale day. You will not lose out on them not farrowing or losing the litter, as they will have the produce in sight. Large, roomy spring gilts and boars are also noticeable. A few fall boars and gilts bred in the cream will also be offered. The real bargain of the sale will be found in Challenger by Duroc Challenger. Mr. Horning would not think of offering this grand hog were it not for his change of location. It is very hard to find a good hog to go at the head of your herd. You have tried several and have not been as well satisfied as you would like to be. This hog offered has his produce to show for him and he will do well on the most work and is more reliable. In looking over the lot of sows we find those representing the blood of such noted boars as Improver 2d, Crimson Wonder, Tip Top Notcher, Duroc Challenger and others as well bred. Some of the matured sows are such as would be very much noticed if taken to the fairs in condition. We do not know of a stronger offering when we summon the entire lot together. You get the same sows that have been watched for some time and have proven themselves strong enough to avoid the culling pens. Mr. Geo. Horning has always been very careful in this department and the consequence shows a herd of well-balanced hogs with as much royally-bred things as you will see. Two very strong fall boars are going to be offered, one sired by Ripley's Top Notcher. The sale will be held at farm and all breeders from a distance will be taken care of. The auctioneers

PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.
DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

for this sale will be Cols. F. E. Kinney and Jas. Spearman. Any bids sent to these gentlemen or to Mr. G. W. Segrist, representing The Homestead, will be honorably handled.

McWILLIAMS' DUROCS.

With this week's issue we begin the advertisement of Mr. M. A. McWilliams, Wall Lake, Iowa, owner of the well-known Sunnyside Farm. In writing about his herd he says: "I never had a better lot of boars and gilts on the farm than I have this year. I have an extra fine litter of three bears and four sows, sired by my \$200 herd boar, Orion J., and these are out of a full sister to Crimson Wonder. I will not hold a fall sale this year, but will have a grand lot of sows to offer the boys in my February sale. In the meantime I will be pleased to price March and April boars sired by Orion J., Crimson Wonder Jr. and Gilbert's King. I am also offering a very choice young Short-horn bull for sale."

TREATMENT FOR HOG CHOLERA.

The Zenner Disinfectant Company, of Detroit, Mich., announce that they have been carrying on an extensive series of experiments for the purpose of finding out some remedy for hog cholera. They have ascertained that rectal injections of 2 per cent Zenoleum solution will destroy all germs of disease in the intestines and thus allay the inflammation that has been set up. By separating hogs that apparently are attacked with this much-dreaded disease and treating in this way its spread throughout the herd is at once checked and even the sick animals, if taken in time, are saved. It is advised in addition to this that all hogs be dipped or sprayed with a 3 per cent solution of Zenoleum and that their quarters be thoroughly disinfected with solution of similar strength. The cost of this treatment is very slight, and in view of the fact that cholera is breaking out here and there in various parts of the corn belt we have no hesitation in advising our readers to take the matter up with this company. It has been known for years that Zenoleum is a most excellent disinfectant—one that is deadly to germs, but harmless to animal tissue, skin or hair.

A GOOD DIP ON TRIAL.

There never was a time in the corn belt when there was a greater necessity for using a good dip around live stock quarters than at present. Nearly all live stock diseases are due to the presence of a germ, and it stands to reason that any disinfectant that will kill the germ without injuring the animal will be a sensible thing to use. In this connection we have no hesitation in recommending Dipolene, manufactured by the Marshall Oil Company, of Marshalltown, Iowa. This company offer to refund the purchase price of two gallons of dip if it fails after thirty days' trial to do just what is claimed for it. Dipolene kills lice and mange, and contributes to healthfulness of both skin and hair of all farm animals. It destroys germs of every description, including those that cause cholera and swine plague. Its free use around wallows and hog quarters and a little of it occasionally in the swill will make any herd practically cholera and swine plague proof. Our readers are taking no chances in ordering two gallons of this dip, because, as said before, money will be refunded after it is given a thorough trial if not found satisfactory in every way. The advertisement will be found on page 6. Address Marshall Oil Company, Dept. Y, Marshalltown, Iowa.

PRAIRIE FARM DUROCS.

We wish to call the attention of our readers to the forthcoming Duroc Jersey sale of Messrs. E. M. Castle & Son, of Joy, Ill. Messrs. Castle have been breeding thoroughbred stock for a number of years and have taken special pains to secure the best breeding stock obtainable when making selections for their herd. During the past year some valuable additions have been made to the herd. At the present time the herd boars in service are DeSoto's Model 35131 by DeSoto 15155, dam Kansas Beauty 66200, sired by Loudens Jumbo by Jumbo Red. About one-half of the spring pigs are sired by this boar, and several of them will be included in the October sale. Another boar which has done good work in this herd is Prairie Acrobat 46685, he by Acrobat 37675 by None Such, the sire of the noted boar, Hanley, first at Ohio and Indiana State Fairs in 1905, and the sire of many good pigs in the herd of Messrs. McNeil Bros., of Bowen, Ill. The dam of Prairie Acrobat is Sarah Muller 96594 by Sam Jones, a boar formerly owned by Messrs. T. W. Stoner & Son, of Henry, Ill. Iowa Plummer 30357 by Royal Plummer 21015, dam Clover Belle 60750 by American Royal, is a boar which has been used in the herd with success. A very good litter by DeSoto's Model is out of the sow called Stoner's Girl 116326, she by Top Notcher's Rival by Top Notcher. This sow was top sow in sale of Messrs. T. W. Stoner & Son last fall, and raised a fine litter of three boars and four sows, some of which will go into fall sale. Another very good litter is out of Roycroft Interstate 45453 and by DeSoto's Model. This sow was sired by Roycroft Interstate, he by Sensation, and has proven himself one of the best breeders to be found. A fall boar and a few fall sows which are reserved for fall sale are out of Prairie Winner 93434, she by Indiana 20763, dam Miss Garnett II. 34873. The litter is by Iowa Plummer, the boar mentioned above. A good litter of seven, five boars and two sows, is out of Prairie Top Notcher 116332 by Tip Top Notcher, dam Goldie O. 40th. The litter is sired by Champion Paul, one of the best sons of Oom Paul.

A litter by Proud Advance and out of Coral Queen 116828, she by Parnell Banner, will attract attention sale day. Litters by Tip Top Notcher and other good sires will be found in the offering. If you are not on Mr. Castle's mailing list write at once for catalog which will be furnished as soon as printed. Kindly mention this paper when writing and watch these columns for further particulars.

CHESTER WHITES AND SHORT-HORNS.

Mr. A. A. Rogers, of Inwood, Iowa, the well-known Chester White and Short-horn cattle breeder, writes: "There are over fifty Chester White boars now on the farm and the largest number of good herd headers that can be found in one place in the Northwest. A bunch of these will be at Sioux City Interstate fair where I will be pleased to meet all of my patrons. The herd is in best of health and general condition. The herd boars, Seducator and Rising Sun, have not been overladen with fat for show, but will be on deck at the Interstate in their everyday clothes. Bacon Bess, the aged sow, farrowed thirteen pigs April 4th and raised and nursed eight big, strong fellows. She therefore is not in as high show finish, but for strength of back, spring and length of rib, good feet and legs, evenness of body throughout, old Bess is hard to equal. I also have a fine herd of Short-horn cattle. The Scotch families represented are the Mysle, Victoria, Imp. Empress, Augusta and Imp. Generosity. The American families are Arabella, Mazurka, Rosemary and Strawberry. I now have on hand one Scotch and three Scotch-topped bulls for sale. Would like to see or hear from Homestead readers." Kindly write him and mention The Homestead.

W. T. GARRETT & SONS TO SELL A GREAT LOT OF POLAND CHINAS.

A representative of this paper has just visited the herd of Poland Chinas owned by Messrs. W. T. Garrett & Sons, of Maryville, Mo. We inspected the offering for their September 25th sale and when we say that on this date Messrs. Garrett & Sons will sell the greatest lot of Poland Chinas (boars and sows) that we have ever seen go through a sale ring, we do so believing that all who come to the sale will agree with us. Messrs. Garrett & Sons have listed sixty-one head for the sale. Twenty-one are spring boars, four are fall boars, fifteen are fall gilts—stick a pin here, Mr. Breeder—twenty spring gilts, and last, but not least, comes the full sister to Blain's Tecumseh, the boar that did so much for Mr. John Blain, of Pawnee City, Neb. That Messrs. Garrett & Sons are able to make such an offering is not through luck, but because Mr. Garrett, senior, has for better than thirty-five years bred for a type, using every precaution to keep out defects and yet maintain size and quality. Twenty years ago—and this may seem a long time to the younger breeders—Mr. Garrett bought Doyle's Tecumseh and Allerton, two boars that became noted from coast to coast. From these boars a line of sows were raised, herd boars were produced and today we find that the Allerton-Tecumseh sows are among the grandest producers Mr. Garrett has. Later boars and the sires represented in the sale stuff have proven fully as good breeding propositions as did Allerton and Doyle's Tecumseh. Of these and their get more will be said next week when Messrs. Garrett & Sons' advertising starts.

MANLEY & CO.'S FALL DUROC JERSEY SALE.

Or September 18th, at Lyons, Neb., Messrs. Manley & Co. will make a fall sale of Duroc Jersey boars and sows and this promises to be one of the leading sales of the fall season. They are selling thirty-five head, among which will be thirteen sows. The rest will all be boars, and they are including some of the best things they have in the herd. They will be sired by Young John, the boar they lost a few weeks ago and a boar that was one of the best they have ever used in their herd. Some of the best sows they have out in their show herd this year are sired by him. Others will be sired by their famous old Orion and this is about the last chance to get any of his get, as he has crossed over to the yonder side. There will be a number in the sale sired by Belle's King, a son of the great Nebraska Belle, and a litter brother to the noted boar, Proud Advance. The sows that they are selling in this sale were selected because of their individuality and they are bred to the two noted boars, Proud Advance and Junior Jim. The latter boar was second at Des Moines last week in what is considered the strongest aged class that was ever shown in this country. By many he was placed first over the boar that got it, but he was that it may, he is one of the great boars of the year. He has the size and the stretch that so many like, and he is one of the toppest boars seen at the shows this year. A sow bred to him will not be out of place in any herd, and the time and place to get one will be at the Manley sale. Some of the sows will be bred to Proud Advance, considered one of the greatest boars of the breed, and as a sow getter he has no equal in the Duroc Jersey breed today. Several sows in the sale are by Orion, and here are the blood lines that produced the great sweepstakes sow, Alix II., and numerous other good ones. An Orion sow bred to Proud Advance produced pigs that topped ten sales last winter. The brother to Proud Advance that goes into this sale is a good proposition for some breeder who is looking for a herd boar. In some respects he is as good as his brother, and he

is a good breeder. There will be another good boar in this sale out of Nancy, the sweepstakes sow, and he weighs 373 pounds at eleven months. There will be about eight Orion boars in the sale. It is a good offering throughout. Write for a catalog. It is now ready for distribution and will be sent on application. Kindly mention The Homestead when writing.

THE ZALIA STOCK FARM DUROC SALE, SEPTEMBER 20TH.

On September 20th, at Lorimer, Iowa, Mr. A. W. H. Orr, proprietor of the Zalia Stock Farm, where good Duroc Jersey swine may be had at all seasons of the year, will hold his annual fall sale. Mr. Orr will take out a draft of thirty nice boars from his herd and give the breeders an opportunity to buy some good blood at their own prices. There will be three fall boars go under the hammer, sired by Pilot Onward 2241. The dam of these three individuals is known as Glossie J. 54042, she by Sheldon's Prince and out of Queen Olive 44394. These are very large, heavy-boned pigs and come out of a litter of ten. There will also be two fall boars, sired by Pilot Onward and out of Surprise Again 104178. These also come from a prolific family, being taken from a litter of sixteen. There is one choice boar, sired by King Fox 32263 and out of an Orion-bred sow, which will make a good herd header for some progressive breeder. Mr. Orr will also sell a number of spring boars—the large, growthy kind, having practically the same breeding as the fall boars mentioned above. Two of these spring pigs, which will go under the hammer, are sired by Perfection Advance 41429 and out of a Princess Perfection sow. At the same time about a dozen sows with either litter at foot or safe with pig will go. The number of sows included will not be many, but they will all be good individuals, two of them being yearling sows and the balance fall gilts. A representative of The Homestead recently inspected Mr. Orr's herd and found them to be prolific individuals. The breeders who attend this sale will not be dissatisfied. Look up the sale announcement, which appears on page 26 of this issue, and send for catalog which describes them fully. When writing kindly mention The Homestead.

THE LAST CALL FOR THE WHITE-METZGER POLAND CHINA SALE.

The opening sale of the season and one of the very best of the year, will be that of Messrs. Geo. H. White, of Emerson, Iowa, and E. M. Metzger, of Fairfield, Iowa, at Council Bluffs, Iowa, on September 15th. Twenty-five head will be cataloged from each of these two great herds and they will be among the very best they have including many of their show winners. Mr. White will sell his yearling boar, Contractor, fourth-prize hog at the Iowa State Fair in 1906, and he is one of the good things in the sale. He also sells Standard Perfection, third-prize boar at Des Moines in 1905. He puts in a good under year boar in Correct Tecumseh, a son of Proud Corrector and a litter sister called Correct Lady. These are out of a Chief Tecumseh 2d dam and are extra good. Perfection I Know 3d is the March pig that he won fourth on at Des Moines last week and he also goes into this sale. He puts in a grand lot of sows and gilts that were either winners themselves or are descendants of winners and his offering is one of the best he has ever put up for sale. A large per cent of Mr. Metzger's offering will be sired by his sweepstakes boar, Winning Dude, now considered the best son of old Nemo L's Dude. Mr. Metzger never brought out any better stuff than he is offering this year. The Nemo L's Dude-Winning Dude stuff have the reputation of being very toppy, with plenty of size, and he will have the get of both of these great boars in this sale. One of his best boars in the sale will be Dude's Winner. He headed the yearling herd at Lincoln last week and he should go to head some good herd. A full sister of his goes into the sale, called Dude's Darling, and Mr. Metzger says she is one of the best he has ever had in his herd. Dude's Fashion is a good yearling sow and Sensation Queen is a great brood sow and is the dam of four of the best pigs he raised this year. He sells a very choice litter by Nemo L's Dude in this sale and another litter by Winning Dude that is hard to beat. The White-Metzger sale will have some of the good things of the year in the sale and Poland China breeders can well afford to attend the sale. Write for catalogs to either of the consignors and please mention The Homestead.

W. A. MERRYMAN'S DISPERSION SALE OF PURE-BRED AND HIGH-GRADE HEREFORDS AND WELL-BRED HORSES.

With this issue we start the advertisement of the dispersion sale of Mr. W. A. Merryman, of Laredo, Mo. Hereford cattle, both pure-bred and high-grade, have been bred by Mr. Merryman for about fifteen years, and his herds today are as representative herds as one finds, both from the standpoint of individual excellence and breeding. The herds have been the source of much profit and pleasure to Mr. Merryman, but his increasing business interests in the growing town of Laredo require so much of his time that he cannot devote the time necessary to maintain the herds to their present high standard; hence, the dispersion. The herd of pure-bred cattle consists of forty-five head, eight bulls and thirty-seven females, headed by the bull, Prince, got by the prize-winning Prince Rupert, that made the circuit of 1905, he by Beau Donald. The dam of Prince was a daughter of Beau Donald. Thus it may be seen that Mr. Merryman's herd bull is bred right and as an individual and a sire he is not found wanting. The seven younger bulls are yearlings past, and were got by Kruger, Mr. Merryman's former herd bull. Kruger was got by Improver out of a daughter of Corrector. Few better-bred bulls are found, and Kruger got many good things for Mr. Merryman that would, had they been fitted for show, made such a showing as would have been a credit to their sire and the herd from which they came. These young bulls show that they come by their individual excellence through inheritance, and the man hunting Hereford bulls of the head-bred sort should not fail to be with Mr. Merryman on sale day. In females he has a very superior lot of breeding matrons as is shown by the seventeen calves that sell with dams. These are the get

of Kruger and show that he was a breeding bull of unusual merit. The cows not having calves at foot are soon due to calve and practically all are rebred to Prince, thus giving buyers an opportunity to buy three head as one lot. Mr. Merryman has not listed an inferior animal or a shy breeder. All such have always been sent to the feed lot, as Mr. Merryman takes much pride in showing the visitor that no drones are allowed in the herd. More will be said of the pure-bred herd in later issues, at which time we hope to have a catalog. The herd of high grades consists of thirty breeding cows, thirty yearlings, eighteen steers and twelve heifers, and thirty calves. Right here is where the producer of beef should stick a pin, as these cattle are the result of fifteen years' experience and work. The best pure-bred bulls have done service here, and the passer-by thinks when seeing this grade herd that he is looking at one of as fine herds of pure-bred Herefords as is found in Missouri. The brood cows are the even-fleshed, broad-backed kind and every one has individual merit. All are well along in calf and the man who buys of these will find he has the right kind. The yearlings will make car lots that will top most any market, as have the car lots from this herd for the past six years at Chicago. This alone is recommendation enough for the herd. The thirty calves are a grand lot; in fact, Mr. Merryman does not think he has ever produced their equal. They have quality and substance and should not lack for buyers. The horse end of the auction consists of ten head, all well-bred drafters and drivers except the saddle pony, which is undoubtedly one of the greatest saddle ponies in northern Missouri, being well broke for ladies or children. Individually he is near perfect. The high-grade cattle and horses will be sold in the forenoon, the afternoon being devoted to the pure-bred cattle. See page 30 for advertisement and write today for a catalog, mentioning this paper.

CLYDESDALE STALLIONS AND MARES, SHORT-HORN CATTLE AND DUROC JERSEY SWINE.

On Tuesday, September 11th, Mr. O. V. Perry, of Riceville, Iowa, will disperse his entire holdings in the above class of registered horses, cattle and swine. The Clydesdale stallions and mares represent the very best blood on either continent. The herd of horses was founded on the best imported stock ever brought to this country by that veteran breeder and importer, Mr. N. P. Clarke, of St. Cloud, Minn. From these Mr. Perry has propagated a herd of some seventeen head, recognized as the best Clydesdales in Iowa, but owing to misfortunes beyond his control he now finds himself placed in the situation where he must release all labors and cares. The loss of his wife, coupled with his own continued sickness, makes this course imperative. There will be an opportunity to buy a class of stock at this sale that is seldom offered, in fact never offered except in dispersion sales of this character. Hence the wise farmer and breeder who contemplates the purchase of stock of any of the above breeds in the near future will certainly do well to keep this sale in mind. It is conceded by those who are best acquainted with Mr. Perry and his operations that his stock is not only the best in his locality, but second to none anywhere. The Short-horn cattle that he is offering number some fifty head and are of the practical, useful farmers' sort. It is an all-red herd, without a drone or barren cow in the lot. The milking qualities of this herd have been carefully observed and the young bulls have all been taken at a tender age by farmers and breeders who wish to strengthen the milking qualities of their herd. The Short-horn contingent is exceedingly valuable from this standpoint and that of individual excellence, the latter being the motto of Mr. Perry in all his live stock undertakings. The herd is exceedingly valuable by virtue of its being such a working herd. There will be sixteen calves at foot by sale day and the remainder of the cows will drop calves by January 1st. Of the Duroc Jersey swine little need be said other than the fact that there will be eighty head sold, all of the pigs by Advance Boy, a son of the world's great Duroc Jersey boar, Advance. In the catalog Mr. Perry has abbreviated much in the way of pedigrees. This is particularly true of the Short-horn cattle and Duroc Jersey swine. Nevertheless, every animal to be sold is registered or eligible to registration. The Clydesdale stallion that heads the herd of horses is one that could not be purchased at any price were Mr. Perry continuing in the business. We refer to Heir of Fame, a bay stallion seven years old, imported by Mr. N. P. Clarke. He is a son of the world's greatest Clydesdale stallion, Baron's Pride. He is considered from a Clydesdale standpoint a perfect horse and as a sire of high-class colts he stands without a peer. All of the mares in this sale are bred to him or have foals by him. The Duroc Jerseys will be sold in the forenoon, the horses and cattle after dinner. Riceville is on the Chicago Great Western Railroad, between Oelwein and St. Paul. Mr. Perry earnestly desires parties to come the day before the sale and look over the stock carefully, being his guests at the Burke Hotel, which by the way, is one of the newest, most modern and up-to-date hotels in northern Iowa. Its genial proprietor, Mr. Burke, is a great admirer of live stock and will entertain visitors in a whole-souled manner. We trust none of our readers will forget the date, September 11th, and if they have not already done so, will send for a catalog at once, mentioning The Homestead when making application.

THE WISNER SHORT-HORN SALE.

One of the most useful lots of Short-horns that will be sold this year in the West will be included in the combination sale to be held at Wisner, Neb., on September 20th. The cattle that go into this sale will be from the herds of Messrs. S. S. Hall, Pender, Neb.; J. R. Manifold & Sons, Theodore Serck and J. O'Kane, of Wisner, Neb. There will be forty-nine head in the sale and fifteen of these will be bulls, including Merry Lad, a son of Imp. Merry Hampton. Mr. Hall is the largest contributor to the sale. He is selling thirty head, all cows and heifers except one young bull. He will sell fifteen cows with calf at foot by Oliver Gloster, a former herd bull, and the most of his females will be bred to his present Scotch bull, Morning Star 243730. The most of his

offering belong to the Young Phyllis, Adelaide, Ired Rose and Caroline families and they are an excellent lot of broad-backed, deep-fleshed and easy-keeping Short-horns. The fact that he will have fifteen calves at foot demonstrates he has a breedy lot of cattle. Some of these have several good Scotch tops on them, and the offering as a whole will compare with that of any other sale held elsewhere. Messrs. J. R. Manifold & Son sell eight very choice young bulls, all sired by Nonpareil King. Their offering of bulls are not only good, but they show up exceedingly well for Nonpareil King as a sire. One of the best bulls in their offering is Nonpareil Count. He is sired by Nonpareil King and is out of a Baron Victor 18th dam. He is a rich red in color, as are all the rest in their consignment, and we have seen many poorer bulls in show herds this year. He is one of the good things in the sale. The rest of their bulls are much the same breeding and are well developed for their age. Mr. Serck sells his herd bull, Merry Lad, and two young bulls sired by him. This five-year-old son of Merry Hampton has done good service in the Serck herd, also in the herd of Messrs. L. Mason & Son, formerly of Pierce, Neb. We have known this bull ever since he came to Nebraska and we know him to be a good sire. Mr. Serck sells seven females altogether and some of them will have calf at foot by Merry Lad. Mr. O'Kane sells one young bull. He is a son of the Scotch-topped bull, Merger, and was bred by that old-time breeder, Mr. James Gregg, of Seneca, Kan. He was considered one of the good bull calves in the closing out sale of Mr. Gregg. The entire offering that goes into this sale will be of a very useful character and there will be plenty of good females and a lot of good bulls. Kindly write any of the breeders for catalogs and please mention The Homestead.

VON SEGGERN'S HEREFORD SALE.

On Friday, September 21st, at Wisner, Neb., will occur the Hereford sale of Mr. J. G. Von Seggern. He will dispose of forty head. Of these thirteen head will be bulls, ranging in age from eight to twenty-four months. Eight cows will have calf by his present herd bull, Columbus 25th, considered by many the best son of old Columbus. Nearly all the cows that go into the sale will be bred to him, and he will be the sire of one young bull and one heifer that will be sold. The offering as a whole is a very representative one and consists of such well-known strains as the Lamplighter, Hesiod, Grove 3d and Anxiety 4th well up at the top. The cattle will be in nice condition, but not fat, as they have been given full sway in the Von Seggern pastures this summer. They are money makers, however, and no one need be afraid to buy. Mr. Von Seggern is one of the best and most reliable Hereford breeders in the Elkhorn valley and he is selling a lot of useful Herefords. Kindly send for a catalog and mention The Homestead.

DR. PRITCHARD'S BIG POLANDS.

On Saturday, September 22d, is when Dr. Pritchard sells big Poland at Wisner, Neb. Fifteen fall gilts and fifteen fall boars sired by Big Tom 2d, one of the largest boars in Nebraska and the West, and by Wisner Chief, a son of Chief Tecumseh 3d, go into this sale. He also sells fifteen fall gilts sired by Perfection Keep On, and we will say that they are a most useful lot of up-to-date Poland. The doctor has bred for size and quality and has both. As a reliable breeder, none stand higher in the estimation of western breeders than Dr. Pritchard, and he has been breeding the type of hog that they all want. Write him for a catalog and see what he is offering. Kindly mention The Homestead when doing so.

W. W. ANDREWS' DISPERSION SALE OF ANGUS.

When Mr. W. W. Andrews, of Maryville, Mo., disperses his herd of Angus on Monday, September 17th, one of the best herds of Angus cattle in the country will be dispersed. These are good individually and inherit their qualities from ancestors that have been and are now in popular favor. Included in the sale is a good consignment of ten head from the herd of Messrs. C. D. Hooker & Son, two bulls and eight females. Mr. Andrews' herd consists of seven bulls and twenty-three females. His herd bull, Black Magic of Homedale 2d, to which all females of breeding age are bred, will be found one of the desirable bulls to be sold this year. He is a double Blackbird, being got by Black King of Woodlawn and out of Broadus Blackwood by Clarion. His sire is a uterine brother to the champion and champion sire, Black Woodlawn, that was sire of the champion heifer at the International in 1902. Black Magic of Homedale 2d is now sixteen months old, weighs nearly 1,700 pounds, is an evenly-balanced bull, deep and thick. Over back and loin he is good and his head shows the necessary force of character so essential in a bull. He should please some good breeder. Eddie Pride, calved April 25, 1905, will be found a desirable youngster. He was got by Elder Erica. His dam, Pride of Heatherton 12th, was by Juha of Morlich, a champion show bull. Disappointments will not follow this youngster, as he has the conformation, the style and is a strong-constituted fellow and backed by ancestors of reputation. A fashionably-bred fellow and a bull that pleases all who see him is the nine-months-old Blackbird Ento, got by Elder Erica and out of Woodlawn Blackbird Pride got by the great Prince Ito. Woodlawn Blackbird Pride is a full sister to the \$1,000 calf sold in the Pierce dispersion. Few better young bulls are found than is Blackbird Ento and he should find an appreciative buyer. Other good bulls are listed and bull buyers will find much to please them in this sale. The females in Mr. Andrews' herd are a working lot and are nicely bred. Among the Blackbirds are three daughters of the great Prince Ito. These are very scarce and but few, if any, are offered for sale. Nine Queen Mothers are found in the herd and all are good. Of the twenty-three females, seven are coming two-year-olds and a very desirable lot of heifers. The matrons are regular producers and are cows that Mr. Andrews would not part with were it not necessary for him to seek a change of climate in hopes of bettering his health. The consignment of ten head from the herd of Messrs. C. D. Hooker & Son will be found a very desirable lot, they having selected a representative lot from their good herd. Some of the best families and most popular lines of breeding are represented. The females are bred either to their great breeding bull, Eraste, or their young show bull,

A. F. RUSSELL'S SALE of Duroc Jerseys

AT SAVANNAH, MO.

Thursday, Sept. 20

75 Head. 30 Boars, 45 Sows

THEY carry the blood of Tip Top Notcher, the world's fair champion, Ohio Chief and Buddy K IV, champion at Illinois state fair in '05. These are as popular and as well known sires as are found in the breed. The stuff listed for the sale are the top selections of 140 head. Parties from distance are requested to stop at the Michell hotel. Free conveyance from Savannah to the farm. Write today for catalog.

A. F. Russell, Savannah, Mo.
Col. Jud McGowan, Auctioneer.

Blackbird Benton, that won second in class at the American Royal in 1905. Two bulls are included in Messrs. Hooker & Son's consignment, both being sons of their great breeding bull, Eraste. Breeders wanting desirable breeding stock will find this one of the good opportunities of the year. Catalogs are being mailed to all who write for same. See page 26 for advertisement and when writing kindly mention this paper.

A GREAT EVENT.

The American Royal Live Stock Shows furnish an annual home gathering of stockmen and farmers that is both pleasant and profitable. An important event in this great exhibition of 1906 is the Short-horn sale to be held Wednesday, October 10th, at 1 p. m. These cattle have been carefully selected from the best herds in the states tributary to Kansas City and are the produce of noted bulls. The following herds will be represented in the sale: C. E. Leonard & Son, N. H. Gentry, H. C. Duncan, F. W. Harding, D. R. Hanna, T. K. Tomson & Sons, Harriman Bros., George Bothwell, H. K. Givens, Thomas, Jameson & Mitchell, W. A. Betttridge, H. M. Hill, Morse & Sons, F. L. Hackler, H. E. Hayes, Joseph McConnell, A. F. Graves and others. If you want choice herd bulls or excellent cows they can be found in this sale. For catalogs write B. O. Cowan, assistant secretary, 17 Exchange avenue, Chicago, Ill.

FEMALES IN M. L. LOGAN'S SALE OF SHORT-HORNS.

Last week attention was called to the bulls that go in Mr. M. L. Logan's sale of Short-horns, to be held at his farm near Lineville, Iowa, on Tuesday, September 18th. This week we wish to call attention to the females, of which there are thirty-eight head. The first of these, and perhaps as good a cow as is often found in a sale, is the red Cruickshank cow, Victoria of Meadow Farm 4th, a seven-year-old cow that sells with red bull calf at foot got by the herd bull, Victor Knight. Mr. Logan would not part with this cow, but he feels that he must offer such stock as will be appreciated by breeders, hence she is included with several others that are listed as attractions. She was got by Baron Goldust 3d by the Duchess of Gloster bull, Baron Gloster. Her dam, Victoria of Meadow Farm, was by Lord of Linwood, a Harris-bred bull got by Imp. Baron Victor, a noted Cruickshank-bred bull. For more of her breeding see advertisement on page 32 of this issue. Individually she is among the good cows of the breed and her yearling son shows how she produces. Critical buyers should look after her, as she is among the best cows to be sold this year. The Aconite cow, Double Aconite, listed as Lot 4, will probably be found among the bargains, as she is suckling a big, strong bull calf and is a trifle thin in flesh, but is nevertheless a great cow. She is one of Mr. Logan's best producers. Her sire, Aconite Boy, was bred by Mr. F. Bellows. Her dam, Young Aconite, was by Vice Royal; second dam, Aconite of Silver Springs, was by 2d Earl of Aberdeen; third dam Imp. Aconite by Pride of the Isles. Her two-year-old daughter, listed as Lot 5, was got by the herd bull, Victor Knight, and is one of the desirable young cows of the sale. Some critical buyer should look to her. The Marr-Emma cow, Scottish Emma, will be found one of the good things to buy, she being a desirable individual and a good brood cow got by Baron Dudding and out of Emma 21st by Prairie View by Scottish Champion; then follow such sires as Luverne, Imp. King of Aberdeen, Imp. Antiquary, etc. Lot 7, Lady Bud, coming two years old, is a heifer of great character, an even fleshier with two good ends and a middle to match them. She was got by Victor Knight and out of Shakespeare, a well-bred Scotch bull got by Clansman. To see her is to want her. Lots 8 and 9, Bashful Beauty 3d and Bashful Lass, are a pair of young Scotch heifers that will grow into useful brood cows. Both are daughters of the herd bull, Victor Knight, one is out of a daughter of Marshall's Cruickshank, the other out of a daughter of Chief Mason, otherwise their breeding is alike. Following these are found such sires as Imp. Red Emperor, Lord Glamis, etc. The most fashionably-bred cow in the offering is Cherry Volumnia 2d, whose pedigree will be found in the advertising. While this cow is ten years old, yet she is well preserved and is well along in calf and the man who buys her will find no difficulty in selling her calf for more than the cow will cost him. Her last calf, a heifer, is retained by Mr. Logan. In Scotch-topped females Mr. Logan is selling a very superior lot. They are all the easy-keeping sort that produce and reproduce stock of much merit. Nearly all are reds and are well grown, as Mr. Logan is one of those men who realize that in order to be good, an animal must be properly grown out. Catalogs are being mailed and we urge all our readers who are interested in good Short-horns to write for one and arrange to be with Mr. Logan's sale day, as we are sure the cattle will please you. Colonels Bellows and Graham do the selling. See advertisement and kindly mention this paper when writing.

MANLEY & CO'S GREAT FALL DUROC JERSEY SALE

LYONS, NEB., SEPTEMBER 18, 1906.

..... 35 HEAD---13 SOWS, REST FALL AND YEARLING BOARS 35

Sired by Young John, Orion and Belle's King. We will also sell a full brother to Proud Advance. The sows will be bred to Junior Jim, the 2d prize boar at the Iowa State Fair, and also to the great Proud Advance. We are selecting the very cream of our herd for this sale. Write for catalog. Address,

MANLEY & CO., - - - LYONS, NEB.
COL. LUTHER, AUCTIONEER.

ANDREWS' DISPERSION SALE

OF
ABERDEEN ANGUS CATTLE
AT
MARYVILLE, MO., MONDAY, SEPT. 17, '06

30 HEAD--7 BULLS--23 COWS

Five Blackbirds, 5 Prides, 9 Queen Mothers, 2 Ericas, 5 Heather Blooms, 5 Western Roses. The grand young Blackbird bull Black Magic of Homedale 2d is included and all females of breeding age are in calf to his service. My entire breeding herd goes.

C. D. HOOKER & SON
CONTRIBUTE 10 HEAD.

2 Bulls---8 Cows

These are good breeding animals. A representative selection from their herd. All of breeding age are in calf to either the show bull Blackbird Benton, or the great breeding bull Eraste. Write for catalogs.

W. W. ANDREWS, - - - MARYVILLE, MO.
Igo and Bellows; also F. O. Cabbage, the tent man, Auctioneers.
Hal T. Hooker and and M. A. Judy, Sale Managers.

CANCER

CURED to stay cured. My TRUE METHOD kills the deadly germ which causes Cancer. No knife! No pain! Longest established, most reliable. Cancer specialist. 16 years in this location. I give a WRITTEN LEGAL GUARANTEE. My fee depends on my success. Send for free 100-p. book and positive proofs. Address,

DR. E. O. SMITH, 200 WABASH AVENUE
KANSAS CITY, MO.

TOO LATE TO CLASSIFY.

30 CHESTER WHITE BOARS 30

AN Extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa. A. A. ROGERS, Owner.

WHO IS J. A. RUSSELL?

WHY, he's the big red hog man at Corning, Iowa, that owns Tip Top Notcher Jr., and he sells two dandy litters sired by Proud Advance in his sale October 27, 1906. Drop card for catalog.

DEFENDER 98147 by Corrector 26466 out of Margaret 71726. For sale or exchange, a yearling by L's Keep On. Also spring boars by Defender out of well bred dams. Lengthy, broad backed, heavy boned fellows, \$15 to \$20. American, Adams and U. S. express. C. A. Steele, Ogden, Iowa.

TOO LATE TO CLASSIFY.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale. A sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Wall Lake, Iowa.

REGISTERED COLLIES, Nick II 77339, Louise 76579. Bred to Nick II; due Oct. 1. Price, \$10 each. One female pup 4 months old; price, \$5. At stud, Pringle View Hope, a son of the famous champion, Wellebourne Hope. Fee, \$5. D. W. KICKERSON, MARBLE ROCK, IA.

BONE'S CHESTER WHITES. THE oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, Ia. Box 85. Samuel Bone, - - - Montezuma, Iowa.

Goldner's Duroc Jerseys

A CHOICE lot of boars sired by my \$300 boar, Gold Dust Jim 2d. Pricing these right. Address J. S. GOLDNER, SCRIBNER, NEB.

POLAND CHINA BOARS (BLACK). FALL boars, 2 yearling boars, 50 spring boars, 8 sired by Kiever's Gay Lad. J. W. Knowles & Son, - - - Omaha, Neb.

When writing please mention this paper.

TOO LATE TO CLASSIFY.

THE IOWA STATE FAIR SWEEPSTAKES BOAR

HEADS my herd. He is the greatest son of Crimson Wonder I Am. I am offering a choice lot of boar pigs by him. You will have to come quick.

H. S. ALLEN, - RUSSELL, IOWA,

JERSEY CATTLE DESIRABLE YOUNG BULLS
NOT by Emanon, champion at Sioux City, Iowa; The National at Chicago in 1905 and at the Iowa State Fair, 1906. These are from imported and St. Lawrence cows. Write now if you want better bred Jerseys.
Hunter & Smith,
BEATRICE, - - - NEB.

ANNUAL DUROC SALE.

DRAFTS TAKEN FROM THE ZALIA STOCK FARM.

THURSDAY, SEPT. 20, 1906.

30 HEAD choicely bred individuals, sired by Pilot Onward 22421 tracing to Marti 4995a, King Fox 32263, Perfection Advance 41429 and other well bred individuals. This offering is growthy, good boned, and possesses quality. Dams of these pigs are the leading strains of the herd. Send for catalog. Aim to attend.

A. W. H. ORR, LORIMOR, IOWA.

CRIMSON WONDER I AM 34697

CHAMPION AND SIRE OF CHAMPIONS. A choice lot of boars and gilts by this great sire for sale. Some excellent prospects in the herd. Address,

U. G. DAVIDSON, - - - MANSON, IOWA.

SHROPSHIRE FOR SALE.

CHOICE registered yearling ewes and pure bred unregistered ewes. Also imported and home bred yearling rams. Choice rams suitable for flock headers. Inspection invited. Satisfaction guaranteed. DANIEL LEONARD & SONS, ADAMS CO., CORNING, IOWA. 80 miles east of Omaha on main line of the Burlington

WOODLAND SHORT-HORNS DISPERSION SALE
October 18th, at Washington Court House, Ohio. Write for catalogs to W. I. WOOD, Williamsport, - Ohio.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

2D prize boar in 18 months class Iowa Fair, 1905. 2 Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tlentsen, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEENSBURG, - - ILL.

Sandquist Bros., OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address ALBERT HELL, LAKE CITY, IOWA.

When writing please mention this paper.

BEAU BRUMMEL
4TH 194318.

1ST prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull.

G. W. Way & Son,
New Sharon, Iowa.
Mention Homestead when writing.

EVERGREEN
Fine Stock Farm.

O. R. Phelps, Taintor, Iowa.

OFFERS some richly bred Poland Chinas sired by Chief Sunshine 98609 and O. R. Correction 91651. Also pigs by Perfect Shine 99915 4th prize in class at Iowa State Fair 1905, and other good sires. I guarantee satisfaction. Write me for prices. Fall sale October 18th.

25 Choice Duroc Jersey Boars

WE are now ready to price our best boar pigs. Write us at once.

Jos. Skinner & Son, Bedford, Ia.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm Lawn Top Notcher and Elm Lawn Orion. The dams are equally as well bred. If you want good, useful Durocs write me. Chas. Sobotta, - - - Calnesville, Mo.

When writing please mention this paper.

BERKSHIRE HOGS.

Rookwood Berkshires.

A CHOICE lot of early borns and gilts for sale. Superior breeding, unusual size and quality. Also two good Scotch bred Short-horn bulls, six to ten months old, fit to head good herds. Address,

ROOKWOOD FARM, AMES, IOWA.
C. F. CURTISS, PROP., JOHN W. OGLE, MGR.

Heavy Weight Berkshires

ATTENTION! Are your hogs too small and thin boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 10 honors at the best shows, I am now offering some very choice pigs, sired by the great Charming Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, rooney Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

BERKSHIRE HOGS.

I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.

JOHN C. MILLER, - Harlan, Iowa

RED POLLED CATTLE.

RED POLLED CATTLE FOR EXCHANGE

FOR cash or young mules. 36 head registered cows and heifers. 16 spring calves and one two year old bull.

C. A. MCCARTNEY, WELDON, IOWA.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904. Is at head of herd. Chose bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address,

G. W. Sharp, Marble Rock, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine. F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge Minstrel 8th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Will have an exhibit at the Iowa, Minnesota and South Dakota state fairs. Address,

Thomas H. Canfield, Lake Park, Minn.

CORN-BELT Yorkshires. I have been using mature breeding stock for years, and have size, quality and prolificacy. All sows in herd averaged better than 11 pigs per sow this spring. (Everything that does not come up to a high standard is unsexed.) Males and females not akin for sale. Some extra good Poland Chinas for sale also. Jas. Atkinson, Des Moines, Ia.

When writing to advertisers please mention this paper.

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(One block from Broadway Cars.)

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A Modern FIRE PROOF Hotel—a dining room that is famous for its excellent food and moderate prices. Special Club Breakfasts, 30c, 35c, 50c—Lunches, 40c; and our Famous Course Dinners, 75c.

ROOMS. \$1.00

With Private Bath, \$2.00

With Detached Bath, \$1.50

Quiet and Comfort! Within easy walking distance of the Great Department Stores, Wanamaker's two minutes; Slegel Cooper's, eight minutes, etc. Easy access to all points of interest. Also close to WHOLESALE DISTRICT.

The Best Hotel in New York City
Guide Book of N.Y. City sent FREE on Request.

LIVE STOCK AUCTIONEERS.

FRED REPPERT, DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



GEO. P. BELLOWES

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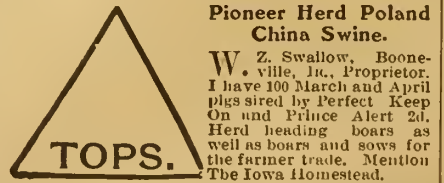
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THE home of the large, heavy-boned Poland Chinas. We are offering a splendid lot of boars for sale, and a few good sows sired by R's Keep On and Iowa Chief. If you want size and quality combined, come to us.

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Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are A1 boars.

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CLOVER LAWN POLANDS.

IF you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.

JOHN R. TRIGGS, DAWSON, NEB.

HAMAKER'S large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs not akin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shinnrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

DORR'S POLAND CHINA BOARS.

115 SPRING pigs, 17 cracking good fall boars sired by Dor's Tecumseh, Keep On and Indiana King. My prices are within reach of all.

HENRY DORR, REMSEN, IA.

PRITCHARD'S POLAND CHINAS.

THE home of Big Tom 2d, Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.

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Poland China Boars

AT Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. DAVENPORT, BELMOND, IA.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Ureeda Thicket, a son of the noted boar Thicket, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Hamilton's Royally Bred Polands.

MY last sale averaged over \$50. My type is the hogman's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.

L. W. Hamilton, Kearney, Neb.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Duke's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall.

Jno. J. Schmal, Sutton, Nebraska.

CLOSING OUT SHORT-HORN SALE

Imported Straight Scotch and Pure Bates Short-horns

LAMONI, IOWA. SEPTEMBER 27, 1906.

60 Head in the sale. Twenty-eight calves at foot. Twelve pure Bates females, besides a grand lot of Imported and straight Scotch cattle, two herd bulls and a choice lot of young bulls. 60

Lot 4 Imp. Crescent 8th
Roan; calved May 16, 1898; imported from the late W. S. Marr by W. D. Flatt, recorded in Vol. 51, page 712, A. S. H. R.
DAMS. Got by Prince of Fashion (64587) W. Duthie
Crescent 4th Sovereign (61841) A. Cruickshank
Crescent 2d Gondolier (52956) A. Cruickshank
Crescent General Windsor (28701) T. Willis
Circassia Champion of England (17526) A. Cruickshank
Cicely Lancaster Royal (18167) A. Cruickshank

Lot 6 Imp. Princess Fame
Roan; calved Dec. 9, 1901. Bred by Wm. Ross, Aherdeenshire, Scotland. Vol. 67, A. S. R. A.
DAMS. Got by Pride of Fame (81886) James Durno
Imp. Princess 5th Scottish Prince (73593) Wm. Duthie
Princess 2d Fortunatus (76708) D. C. Bruce
Pussy Knight of the Border (76977) A. Cruickshank
Climax Vermont (47193) A. Cruickshank
Clementia 8th Golden Prince (38363) S. Campbell

This is a closing out sale, owing to sale of our farms. The cattle will be in nice condition, and the females are all good breeders. We will sell *Gay Hampton 212202*, one of the best sons of Hampton's Best, besides our pure Bates bull, and a choice lot of young bulls. We are offering one of the best lots of Scotch, imported and pure Bates cattle that will be sold this year. Catalog now ready. Write for it, and kindly mention this paper. Address,
Col. Geo. P. Bellows, Auctioneer.

Lot 7 Stakeholder Princess
Red, little white; calved March 19, 1904. Vol. 67.
DAMS. Got by Stakeholder 163697 M. E. Jones
Imp. Princess Fame Pride of Fame (81886) 195714 Mr. Durno
Imp. Princess 5th Scottish Prince (73593) Wm. Duthie
Princess 2d Fortunatus (76708) D. C. Bruce
Pussy Knight of the Border (76977) A. Cruickshank
Climax Vermont (47193) A. Cruickshank

Lot 2 Fairholme Jewel 228970
Red; calved March 24, 1904; owned by A. D. Sears & Bros.
DAMS. Got by 11th Duke of Fairholme 192795 A. H. Jones
Waterloo Duchess of Hazel'st 2d Oxford Duke of Calthwalte 3d 94089 J. Harris
Water Girl of Glen Echo Waterloo Clarence 101245 T. C. Anderson
Water Girl 8th Baron Bates 12th 37541 T. J. Megibben
Water Girl 2d 5th Lord of Oxford (31728) S. Campbell
Imp. Water Girl Grand D. of Waterloo (28766) Fitz Harding

PETERSON BROTHERS, LAMONI, IOWA.

SHORT-HORN CATTLE.
Malaka Short-horn Bulls.
FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.
H. D. PARSONS.
NEWTON and BAXTER, IOWA
CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,
C. C. NORTON, CORNING, IOWA
4 Good Young Short-horn Bulls For Sale.
Sired by Victor Maple 203379 he by Grand S Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,
W. E. CUTLER, CORYDON, IOWA.
BARON FOXGLOVE FOR SALE.

I WILL sell at a bargain the superb 2-year-old Scotch herd bull Baron Foxglove, sired by Imp. Fancy's Pride. Dam Cherry Foxglove. He is very smooth and in thin breeding form weighs 1,500 lbs. He is of the Cruickshank Brawith Bud family.
E. R. Silliman, - - Colo, Ia.
WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE
At the head of our herd stands the noted Imp. Lov- at Champion (157617), the great bull used so suc- cessfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprize (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address,
Flynn Farm Co., R. R. 5, Des Moines, Ia.

A GOOD YOUNG SCOTCH BULL FOR SALE
SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.
J. D. McDermott, - ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.
VERY choice full gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.
C. F. Robe, Jesup, Iowa.

WILLIAM REED PLEASANTVILLE, IOWA.
BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

Scotch and Scotch-topped Short-horn Bulls
TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,
C. W. DAWES & SON, HARLAN, IOWA

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SHORT-HORN CATTLE.
3 CRUICKSHANK HERD BULLS FOR SALE 3
ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,
M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE THE STANDARD."
ROYAL Hampton top of the Bellows Bros. 1906 sale and Cham- pion of Lyndale head Short-horn herd. Females are Vic- torias, Secrets, Butterfys, Lavenders, also a few Young Marys and Rose of Sharnon. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.
A. F. GRAVES, Visitors always welcome. KING CITY, MO.

EVERGREEN STOCK FARM
SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp S Prince Oederic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.
N. P. HALGREN, - - VINTON, BENTON CO., IOWA.

LANAGHAN BROS., CHARLOTTE, IOWA
BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.
WAYSIDE SHORT-HORNS.
G. H. BURGE, PROP., MT. VERNON, IOWA.
4 Red Bulls For Sale 4
ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

SCOTCH COWS AND HEIFERS FOR SALE
I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.
John Lefebure, - - - Fairfax, Ia.
FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.
G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

PLAIN VIEW STOCK FARM.
SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.
WALNUT GROVE Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd book, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

OWENS BROTHERS HOMESTEAD, IOWA.
BREEDERS of Scotch Short-horns. Herd head- ing bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruick- shank families.

SHORT-HORN CATTLE--DUROC JERSEY HOGS
80 CHOICE spring pigs sired by Fairview Won- der 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.
JAMES T. DOLLISON, SAC CITY, IOWA.

CHOICE SHORT-HORN BULLS FOR SALE.
I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d, dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,
J. H. MOYER, NEWTON, IOWA.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minne- sota or Wisconsin farm. Box 151, Independence, Iowa.
When writing to advertisers please mention this paper.

SHORT-HORN CATTLE.
DOUBLE STANDARD Polled Durham Short-Horns
HERD headed by Secret Knight, he by the \$1,000 old, by Imp. Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reason- able prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.
SHAWER & DEUKER, Katona and Wellman, Iowa.

Bargains in Short-horn Bulls.
WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.
McKeever Bros., Farley, Iowa.

BLUFFVIEW SHORT-HORNS
TWO straight Scotch bulls for sale; one four years old, by Imp. Red Light out of an imported cow. The other will be one year old in August, a Brawith Bud. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,
F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Scotch Bulls
Got by Imp. Mutineer 172547
A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lan- caster and Imp. Laura tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 167th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.
A. C. BERRY, - - UNIONVILLE, MO.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE
SCOTCH and Scotch topped bulls for sale. Four S straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Monrath 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Way- side, the new herd bull we have purchased at a long price, to breed Sittytown Sort heifers which are an exceptional lot. Address,
G. P. Tyrrell & Son, Oxford Junction, Iowa.

Wildwood Short - Horns ALL REDS AND DEHORNED
SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write
W. W. VAUGHN, MARION, IOWA.

FAIRVIEW SHORT-HORNS
SCOTCH bulls at reasonable prices. Wimple Royal S 241400, heads the herd. Would exchange him for a suitable bull to head herd. Address,
M. D. YARD, CRAWFORDSVILLE, IA.

BARGAIN in Short-horn cows and heifers with calves at side by D. S. P. Durham bull. Few P. D. Heifers 12 to 15 mo.; cheap; will be bred to one of the best P. D. bulls in the United States. Choice Poland China hogs. Two miles northeast of city, Jersey Ridge Road. P. S. & S. Barr, Box H, R. R. 4, Davenport, Iowa.
When writing to advertisers please mention this paper.

DISPERSION SALE OF THE ELM GROVE HEREFORD CATTLE

AT LAREDO, MO., FRIDAY, SEPTEMBER 28, 1906.

45 Head of Recorded Herefords 45

::::

90 Head of High Grade Herefords 90

THE PURE GRADE CATTLE.

8 BULLS My herd bull, Prince 182194 got by the prize winning Prince Rupert that made circuit in 1905, and seven Short-horn yearlings. These are of the herd-heading sort.

37 FEMALES Twenty-four cows, seventeen with calves at foot, seven two-year-old heifers and six yearling heifers. All females of breeding age will be bred to Prince or will have calves at foot. Many of these are rehed. Several of show-yard character. Twenty-four head of the offering were got by Kruger, he by Improver and out of a daughter of Corrector. Others are rich in the blood of Beau Brummel through Beau Donald, Gentry Briton 6th, Wilton Anxiety, Pablo and other noted sires. Many of the cows were bred by such breeders as Overton Harris, C. G. Comstock & Son, Cornish & Patton and W. H. Curtis. The individuality of the entire herd will compare favorably with any lot to be sold this year. Not a shy breeder or an inferior animal is cataloged.

HORSES

Consist of ten head well bred and a useful lot. Two draft brood mares, seven and eight years old. One family driving horse seven years old. One high-class driving mare five years old. Three two-year-old high-grade colts and one eight-year-old saddle pony; no better saddle and cattle pony in northern Missouri. These horses are in good market condition, sound and well broken, excepting the two-year-olds.

THE GRADE CATTLE

Are the fruits of fifteen years' experience in breeding up a set of brood cows, the product of which have been market toppers for the last six years on the Chicago market.

30 BREEDING COWS That look like pure heds, with good backs and individual merit. Every one a prolific breeder.

30 YEARLINGS Eighteen head of steers and twelve head of heifers that will make car lots of show stuff.

30 CALVES All like "peas in a pod," and with quality unsurpassed.

This sale is the final wind-up of my fifteen years as a breeder of both registered and high-grade Herefords. I would not part with them, but my business interests in town compel me to leave the farm. My entire herds of pure bred and high-grade Herefords go, and at your price. You are cordially invited to be with me sale day. The sale will be held under cover. For catalog address

W. A. MERRYMAN, LAREDO, MO.

COL. HARRY W. GRAHAM, SALE MGR.

BELLOWS AND GRAHAM, ASSISTED BY CARPENTER AND BAILEY, AUCTIONEERS.

SHORT-HORN CATTLE.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd leaders of the best of Scotch families by the Imported Princess Royal bull, Prince Oeder 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
Davenport, Iowa.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.

GEO. BONEWELL, GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horn bulls, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

DUROC JERSEY HOGS.

I HAVE THE TOPPIEST OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write **H. A. SEXSMITH, GREENFIELD, IOWA.**

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale, sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad for Me; Big I Am. Write for prices **H. B. GRIFFITHS, BOWEN, ILL.**

ALL OUR OHIO CHIEF PIGS

Reserved For Our Sale, October 15th. At which time we will offer a grand lot of herd leaders. We will sell our herd boar Corn Cracker 14202. **A. L. & U. S. G. LYNCH, MT. AYR, IOWA.**

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others. **W. A. PETERSON, Lyons, Neb.**

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hamiltonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. **E. K. Young & Son, Havelock, Neb.**

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, **J. S. Teule, R. 4, Lamoni, Iowa.**

Pleasant Dale Stock Farm.

GEO. F. BORSCH, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farm.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$6 each; pairs not skinned \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. **F. H. HERRING, R. F. D. 7, Iowa City, Iowa.**

METZGER-WHITE POLAND CHINA SALE

Council Bluffs, Iowa, Saturday, September 15, 1906.

The Tops of These Two Great Herds Will be Found in This Offering

50 Head in the sale, including the two herd and show boars at the Iowa State Fair, Standard Perfection and Contractor. There will also be some grand good herd heading boars sired by the Nebraska State Fair winner, Winning Dude, as well as representatives of such noted boars as Nemo L.'s Dude, Standard Perfection, Proud Corrector, Contractor and Perfection I Know.

There will be a number of fall and spring boars in the sale and they are certainly good ones. They are our "tops," everything having been reserved for this great event. We are also including some of our best sows. These we have selected for this sale with the greatest care and are composed of the choicest gilts of both herds, also good fall sows and a few of our best matured sows. It is by all odds the offering of the year. If you want a herd boar or foundation sows that will do you good you cannot afford to not attend our sale. Write either of us for catalog. Address,

GEO. H. WHITE, EMERSON, IOWA.

E. M. METZGER, FAIRFIELD, IOWA.

COL. J. WEST JONES, AUCTIONEER.

COMBINATION SALE

OF 40 head of pure bred cattle and 45 head of pure bred hogs to be held in large tent on the fair grounds at Algona, Iowa, Sept. 14th, during the county fair. The offering represents the Angus, Short-horn, Red Polled and Hereford cattle; Duroc and Poland China hogs. They are contributed from the leading herds of the county, and will include many of the prize winners and produce of prize winners. For catalogs

AUCTIONEERS:

**COL. AL. P. MASON,
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MANAGERS: **J. F. SCHOBY,**

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DUROC JERSEY HOGS.

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. **300** pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar Sale Oct. 2. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address, **JOHN WEIGHTON, AUDUBON, IOWA.**

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON,

HENRY, ILLINOIS

CRIMSON WONDER I AM

SOWS and gilts bred to this great sweepstakes boar for fall farrow. **U. G. Davidson, Manson, Iowa.**

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Echo, Sow sale February 25. Inspection invited. 125 pigs. Write us. **W. A. STAPLES & SONS, GLIDDEN, IOWA.**

Iowa Banner Herd Durocs. Headed by W. L. A.'s Choice Goods, has for dam the \$1,060 S. E.'s Model 9th; the \$2,000 Ohio Chief for grandsire; Bishop's Choice for grand dam and the great Nebraska Belle for great-grandam. Write your wants. **W. L. Addy & Son, Parnell, Mo.**

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices. **L. H. Bryan, R. R. 1., Neponset, Ill.**

40 DUROC-JERSEY BOARS.

S IRED by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. **DELMAR McCANN, KENNAUD, NEB.**

SEPTEMBER DUROC JERSEY BOARS

A T \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. **T. E. Laurie, Jacksonville, Ill.**

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices till Sept. 1st. **S. J. Butts, Mason City, Iowa.**

112 CHOICE DUROC JERSEYS 112.

S IRED by Duroc Challenger's Wonder S 34637, Crimmon's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. **M. S. Moats & Son, Randolph, Neb.**

WELCH'S

P OPULAR PRICED DUROC JERSEYS I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, **S. I. Welch, Cherokee, Ia.**

ALFALFA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection, 11571; some tried sows bred to Royal Prince 41911; that raised good litters last spring and are due to farrow in September, and a few fall boars by Van's Perfection and Jumbo Chief 19899, for sale. **F. ALDRITT, FRIEND, NEBRASKA.**

SETTING SUN herd of Duroc Jerseys. 20 head of S. Feb. and March boars at prices that will sell them. Address, **I. C. Welch, Bedford, Iowa.**

DUROC JERSEY HOGS.

BUDDY K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, ILL.

HANLEY 42345.

H EADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 37331, Gem's Top Notcher 34069, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12845a, Choice Goods 22831, J. I. C. 33839, Bandit K. IV 20861, Indiana 20753, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40738, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11639, J. B. J., Big I Am 29895. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices. **MCNEIL BROTHERS, BOWEN, ILL.**

40 HEAD FALL & SPRING DUROC JERSEY BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. **Clark & Tryon, Wausa, Neb.**

R OSE Hill Durocs. Good ones. 3 sows brought \$1,300. 130 pigs for season's trade, from 3 best boars of breed Jr. Jim, 1st prize last Nebr. State fair, Arion winner Des Moines and Lincoln 3 yrs. in succession and Long Alix, litter bro. to Alix II. Size, bone, back, color my specialty. Visitors welcome. 'Phone. 3 miles west of city. **Austin Renshaw, Blair, Neb.**

DUROC JERSEY PIGS FOR SALE.

80 MARCH pigs by Roy Advance, Malcolm's Model 2d, and Gold Standard. Also have four good fall boars and will sell Gold Standard, two years old. Have one litter by Manley Orion. Brood sows mostly by Billy K. W. J. Hartung, Maxwell, Ia.

Prairie View Herd Duroc Jerseys.

Y OUNG PIGS, either sex, by Prather's Top Notcher, Leather Stocking 2d, Tom Davis, Top Notcher Agin and Proud Advance, out of sows equally well bred. Prices reasonable. Write or come and see them. **W. J. Prather, R. No. 2, Russell, Iowa.**

PIONEER HERD DUROCS.

E CHO King 18415 and Royal Top Notcher 23339 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, **Arch Brown & Sons, Waterloo, Nebraska**

THREE GOOD DUROC JERSEY BOARS FOR SALE.

W E will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address, **Norris & Bevington, Kingsley, Ia.**

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address, **W. A. RANKIN, CARSON, IA.**

Nothing for Sale Now.

S OMETHING over two hundred pigs comprise this year's crop. They will be ready to go on after September 1st. Correspondence invited. Inspection desired. **E. Z. RUSSELL, BLAIR, NEB.**

OHIO CHIEF DUROC BOARS

F OR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once. **F. A. STRONG, ORIENT, IA.**

FAIRVIEW HERDS.

R ED Polled cattle, Duroc swine. Will sell my herd of bull expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. **J. B. Davis & Son, Fairview, Kan.**

DUROC JERSEY HOGS.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.
WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd leader type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We will closely ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. **FAIR SALE OCTOBER 22, 1906.**
Kindly mention Homestead when writing.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Bent by the great Kan't Be Bent, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.
H. C. YOUNG, LINCOLN, NEB.

Thos. Bennett,
Rossville, Ill.

HOMES again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

MINNESOTA'S HERD OF DUROCS

FOR SALE—One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars—head runners among them. Let me hear from you. Harmon Gruver, Brewster, Minn.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

DUROC GILTS

BRED for fall farrow. Choice individuals, breeding second to none. Satisfaction guaranteed. W. S. Penn, East Linn Farm, Springfield, Linn County, Iowa.

A FINEST 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," J. L. Harding. "He should have borne a fine ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

SIRE by Wonder C. 32393 (half brother to Crimson Wonder), Lott's Top Notcher, Wendt 2d, and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.
W. J. WENDT, MARCUS, IOWA.

BARGAINS IN DUROC BRED SOWS

I HAVE several sows bred for September farrow. Two are two-year-olds and balance yearlings; in good condition, but not hog fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address:
F. A. HAM, SARONVILLE, NEB.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and full sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Renben and others.
CHAS. VAN PATTEN, SUTTON, NEB.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growtily. Will price right.
W. J. East & Son, Clay Center, Neb.

Greene County Herd Duroc Jerseys.
OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa, 50 big boar pigs ready to sell. Write mentioning this paper.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,

A. B. Enster & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

SIRE by I Am Potawatamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

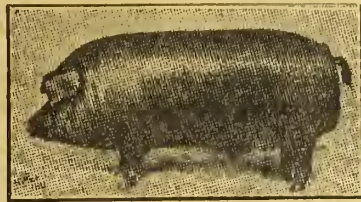
CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Hunceton, Iowa.

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,
GEO. W. SECKMAN, RIPLEY, ILLINOIS.



40 DUROC-JERSEY BOARS 40

SILED BY JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair.

LONG ALIX, 1st prize yearling boar at the Iowa-Nebraska State Fair.
GLENDAL CRITIC, 2d prize yearling boar at Iowa-Nebraska State Fair.

Pigs by other well-known boars. If you want a herd-boar, write me.
AUSTIN RENSCHAW, BLAIR, NEB.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN

LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Iled Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY,

OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.

SIRE in service, Red Orion 28793, by Orion 5393; dam Iose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paullina Queen II 86492, 1-y Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from us good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,

GRANT WHITE,

AFTON, IOWA.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sows of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains.

T. A. McMAHON,

CRAIG, NEB.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS.,

NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 1.

Boars are sired by Double Track 42517, Sensation 7393, Big King 1067, Fashion Boy 33029, Advance Col. 42011, Roland 37255 and Red Express 33519, representing best blood known to breed. A smooth, growtily lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads of herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN,

PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

C. T. ROGERS,

PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's 1st, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST,

CEDARVILLE and XENIA, OHIO

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

UNGLE'S HOGGETTE, THE HOG REMEDY,

Is a preparation easy to feed and the best corrector on the market for hog troubles. It is strongly endorsed by such breeders as John Blain, Pawnee City, Neb.; T. J. Congdon, Pawnee City, Neb.; J. O. Hunt, Marysville, Kan.; Geo. Briggs & Son, Clay Center, Neb.; G. Van Patten, Sutton, Neb., and many other good breeders. Herds visited at \$5.00 per visit and expenses. Wire or address,
Phone F-936. THE UNGLE'S HOGGETTE CO., 1525 P. St., Lincoln, Neb.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

SHELDON BROS.,

A NEW FIRM. BUT the same old herd. Our herd is rich in the blood of Proud Advance 2394, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,

Shannon City, Iowa.

Successors to H. C. Sheldon & Sons.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

OAK VIEW DUROCS.

HOME of Helen Blazes III, the \$1,000 sow. I am offering for sale one two-year-old and one yearling sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. Address,

J. COY ROACH,

GIRARD, ILL.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, Paton, Iowa.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd headers. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

DUROC JERSEY HOGS.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big I Am and Hambletonian, the two \$500 lbs. boars assisted by Proud Advance and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by Big I Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices of come and spend a day with us and see what we have. Free livery. Fall sale Oct. 24, bred sow sale Jan. 30, 1907.
Manlove Bros. & J. H. Norris, Bowen, Ill.

Full Sale Oct. 31, 1906.

Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Brownling, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Bent, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Iled Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 16th.

JOHN M. MORRISON & SONS, NEBRASKA.

COLLEGE VIEW, NEBRASKA.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,

J. E. WEHR, PORTSMOUTH, IOWA

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.
F. M. ERSCHEN, Odell, Illinois.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY G. WARREN, INLAND, NEB.

Minnesota's Prize Winning Duroc Jerseys I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder, 100 pigs. Good ones. Write me your wants. Prices reasonable. Wm. Malcolm, Bigelow, Minn.

MAY & PORTER,

REMINGTON, IND. MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.
Edmonds, Shade & Co., Kingsley, Ia.

Scarlet Wonder 46319, by Pericles, dam by the great Tolstoy. Carmine Wonder 46321 by Tolstoy. Also a boar Challenger's Last. These are good ones. Come and see them W. W. Wheeler, Harlan, Ia.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

LOVER Blossom herd of Durocs. Herd headed by I. J. J. Chief 12455a, 45747n first in aged class at Ind. State Fair 1905. Col. Perfection 16135a, 4575n for sale—will make a good fall yearling show. Choice tried sows for sale bred to I. J. J. Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,

A. E. POUSH, CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

GRANT HERD DUROC JERSEYS.

I AM now ready to book orders for delivery after September 1st. Carl Hansen, Herman, Neb.

LOGAN'S SALE OF SHORT-HORNS

At Caleb Stock Farm, Lineville, Iowa, Tuesday, Sept. 18th.

FORTY-FOUR HEAD - - - - - SEVEN BULLS

One-third of the offering are pure Scotch. The balance consists of good American families, topped off with good Scotch sires
A few sample pedigrees are herewith submitted:

Lot 1.

Victor Knight 177893.

Red; calved October 18th, 1901; bred by J. W. Smith & Son.
DamsSiresBreeder
Got by Baron Dudding 125042B. F. Myers
Harman's Athene 3dLord Lancaster 5th 81968 I. Barr & Son
Harman's AtheneLord Lancaster 5th 81968 I. Barr & Son
Athene 2dImp. Baron Barmpton 78793
Imp. AtheneBaron Violet 90446A. Cruickshank
AbarillaBarmpton Prince 95247 A. Cruickshank

Lot 14.

Scottish Archer 258515.

Red; calved October 15th, 1905; bred by M. L. Logan.
DamsSiresBreeder
Got by Rose's Dudding 231386M. L. Logan
Aconite of MaplewoodBridal Archer 174010J. F. Prather
Double AconiteAconite Boy 128573F. Bellows
Young AconiteVice Royal 78233Bell & Durham
Aconite of Silver Springs2d Earl of Aberdeen 51413 ..L. Palmer

Lot 2.

Victoria of Meadow Farm 4th.

Red; calved August 1, 1899; owned by M. L. Logan.
DamsSiresBreeder
Got by Baron Golddust 3d 127367 ..Forbes Bros.
Victoria of Meadow FarmLord of Linwood 93467 ...W. A. Harris
Victoria of Glenwood 5thEarl Marshall 92167Wm. Duthie
Victoria VeechFavorite 56041Wm. Duthie
Imp. Victoria 73dRoan Gauntlet 45276 ...A. Cruickshank
Victoria 58thPride of the Isles 45274 A. Cruickshank
Victoria 43dChampion of England 17526
.....A. Cruickshank

Lot 13.

Cherry Volumina 2d.

Red; calved January 1st, 1895; bred by Milton Jones.
Got by Imp. Spartan Hero 77932 A. Cruickshank
Volumina 2dImp. Craven Knight 96923
.....A. Cruickshank
Imp. VoluminaCumberland (46144)A. Cruickshank
VeronicaPride of the Isles (35072)
.....A. Cruickshank
ViolanteChampion of England 17526
.....A. Cruickshank

I desire to call special attention to Victoria of Meadow Farm 4th, and bull calf, her yearling son Baron Victor, got by Victor Knight to Scottish Archer and my herd bull Victor Knight. These are only a few of the attractions. The younger stuff is such a class of stuff as I think will make good any place, and I feel certain the entire offering will please you. Catalogs cheerfully mailed for the asking. Address

M. L. LOGAN, - - - - - LINEVILLE, IOWA.

Cols. Bellows and Graham Auctioneers. Mention this paper.

NEBRASKA'S GREAT THREE-DAY SALE

IN THE NEW SALE PAVILION

Wisner, Nebraska, September 20-21-22, 1906

Short-horns, Herefords, Poland Chinas

The Greatest Three-Day Sale Ever Held In Nebraska.

50 Head Short-horn Cattle 50

Thursday, Sept. 20th.

From the Herds of

S. S. Hall, Pender, Neb.
J. O' Kane, Bancroft, Neb.
Theo. H. Serck, Pender, Neb.
J. R. Mansfield & Son, Wisner, Neb.

14 BULLS. 36 COWS AND HEIFERS.

MR. S. S. HALL, of "Hall's Haven" Stock Farm, Pender, Neb., will sell 30 head; all of which are females, except one young bull. These cows are the large, table-backed kind, with lots of scale and are good individuals. A great many will have calf at foot by Oliver Gloster, and nearly all will be bred back to his present Scotch bull, Morning Star 43730.

THEO. H. SERCK sells 11 head; 4 bulls, including his great breeding bull, Merry Lad 160921, by Imp. Merry Hampton, out of a daughter of Lavender Lad; 7 females, some of which will have calf at foot by Merry Lad.

J. R. MANSFIELD & SONS will sell 8 splendid young bulls, all sired by the noted Nonpareil King.

J. O' KANE sells one good yearling bull.

CATALOG now ready. Address any of the above breeders, or

Col. Geo. P. Bel- S. S. Hall, Mgr., PENDER, WISNER,
lows, Auctioneer. IOWA, NEB.

40 Head Hereford Cattle 40

Friday, Sept. 21st.

From the Herd of

J. G. Von Seggern, Wisner, Neb.

THE blood of the Grove 3d, Anxiety 4th, Hesiod 29th, Lamplighter, Anxiety, Monarch and other great bulls represented.

13 BULLS. 27 COWS AND HEIFERS.

THERE will be sons and daughters of the great bull Columbus 25th 100912, considered the greatest son of old Columbus, in the sale. Twelve cows in the sale will be bred to him, and eight cows will have calf at foot by him.

A LARGE per cent of the offering will be grandsons and granddaughters of the great bull Lamplighter and Hesiod 29th and will be one of the most representative lots ever sold in the West.

THE BULLS range in age from 8 to 34 months and are a representative lot, and are bred along the most popular lines.

THE COWS AND HEIFERS are as good as has ever been sold in the West. All females old enough will have calf at foot or will be bred and well along in calf.

WRITE for catalog and come to the sale.
Address,

Col. Geo. P. Bel- J. G. Von Seggern, WISNER, WISNER,
lows, Auctioneer. NEB. NEB.

50 Head Poland Chinas 50

Saturday, Sept. 22d.

From the Herd of

Dr. H. Pritchard, Wisner, Neb.

THE HOME of the large, heavy boned Poland Chinas, combining size and quality.

20 YEARLING SOWS, 15 FALL GILTS.
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(PLEASE MENTION THE IOWA HOMESTEAD WHEN WRITING FOR CATALOG.)



VOL. LI. NO. 37.

DES MOINES IOWA SEPTEMBER 13, 1906.

WHOLE NO. 2565

COMMON SENSE IN THE ANIMAL'S RATION.

Disease germs are responsible for many of the ills which animal flesh is heir to. There are many forms of ailment, however, due to germs that might be ward off if common sense were a larger ingredient in the ration.

The subject is called to mind at this time by a recent experience of an extensive swine breeder. This individual had a bunch of 200 growing pigs that were being taken through the summer largely on grass, together with a small amount of mill feed daily. After a time he grew tired of continually paying out money for mill feed, and decided that his corn was ready to feed. He therefore turned into one of his fields and snapped out a large-sized load of corn and shoveled it over the fence into the pasture where the hogs were running. The next day a similar dose was given, and this was kept up for some time afterwards.

What was the result? In this instance it cost the man practically his entire herd. The new corn threw their blood out of condition, thus laying the best possible foundation for disease germs to get in their work. There was cholera in the neighborhood, but as this was an especially thrifty bunch before they were corned it was not feared in this instance. Many of the pigs were afflicted at first with a high fever, and later on genuine cholera started in and did its deadly work. They were too young and too lean to market, so that the healthy animals could not be disposed of, and the bunch today numbers less than ten.

In the opinion of this breeder the new corn was the cause of all the trouble. It is not a matter of surprise that green corn does not stand very high in the esteem of the average swine breeder, but we are frank to say that it has been its abuse more than its use that has brought it into disfavor. As sudden a change of food as the one described above, no matter of what it is composed, is enough to throw any farm animal out of condition. Corn is naturally somewhat heating and is possibly a little more liable to do damage than foods richer in flesh-forming constituents; but, as stated before, any food supplied in this sudden manner would do harm. It would have paid this individual handsomely to have taken ten days or two weeks to accustom these hogs to green corn. If they were worked up gradually there would be little danger from putting them on a full feed after a month or five weeks of feeding. If the hogs referred to had never been "heated up," as was the case by this sudden supplying of corn, the probabilities are that the cholera germ would never have been propagated in the herd. We do not say that the healthy, vigorous animal will not take cholera, but we do

say that the disease is not so liable to break out in a healthy herd as it is in one that is fed spasmodically, as was the case in this instance.

What is true in the case of hogs is also true with cattle and even horses. Low feeding is much better than high feeding in this instance, although at all times this paper is an exponent of liberal feeding. Even should one escape disease at the end of one or two months' feeding, much better results will be brought about if a few weeks are taken to get the animals on feed than if they are suddenly put on a new and heavy ration. The time lost in the start will be more than made up in the end, and there is the additional advantage of not running the same risk of propagating a contagious disease in the herd.

DIGGING AND STORING POTATOES.

Men differ in their opinion as to when potatoes should be dug, whether just as soon as the tops have died or just before freezing weather begins. This subject has recently been discussed in the Orange Judd Farmer, by Mr. L. E. Scott, of Wisconsin, who says:

I have always held that it is better to delay digging—if potatoes are well covered in hill, till the last of September or first of October. Recent experiments at Cornell University prove that there is less loss from rot where the potatoes are not dug till the vines are thoroughly dry.

It is the live spore from the green vine that causes the tuber to rot and the potato that lies close to the surface is the one that catches that spore washed down by the rains. The potato lying deeper or better covered with earth will oftentimes remain perfectly sound. But if dug early when the weather is warm and the shallow and deep lying are mixed all are liable to rot if blight spores are present.

It is therefore better to wait till the infection has ceased. If there are still affected tubers, I would store for a few days in an out building till thoroughly dry, then sort and store the sound ones in a good cellar.

With this treatment I would almost warrant them to keep.

In digging, the small grower will get on fairly well with a regular six-tined potato fork. The tines should be round and a little shorter and heavier than is found in the ordinary manure fork. But the big grower in these days of high-priced labor had better get a big elevator digger and put on four good horses. Don't be fooled with the two-horse idea.

By all means use crates for picking and hauling to the cellar or a short distance to market. Cut good pine lath, or better, a wider thin slat eighteen and one-half inches long and nail to the ends and bottom sides of twelve-inch end boards cut thirteen and one-quarter inches long. Make good, roomy hand holes in each board near the top. This will give you a crate that will hold a heaped bushel, level full so that you may stack one on top of another.

Other advantages are that they are of convenient length to handle and being a little wider than deep, you can place one endwise in the second by placing the third, bottom up, over it you have a neat nest of three empties, which will take less room in storing. By grasping a nest in each hand a small boy can easily carry six, making distribution in the field very simple.

Always have a thermometer in the cellar and keep the mercury as low as 35 degrees from fall till as late in spring as possible. For table use, potatoes left on the earth floor in the corner next the wall will keep the longest, while for seed the treatment outlined above is best.

Our experience leads us to strongly recommend the practice of digging the potatoes as late as possible in the fall. Of course one may make a mistake in this regard if the weather should be unusually wet, because in that case it would be better to have the potatoes in the cellar. In the corn belt, however, potatoes may safely be left in the ground during the first half of October.

The ordinary stirring plow is much to be preferred to the potato fork in these times of high-priced labor. By running the plow just below the potatoes and a little to one side of the row 90 per cent of them will show up on the surface, while the harrow will usually reveal the

balance. This may seem a little slipshod, but it saves much labor and that is the important thing these days. Of course the "digger" is the thing where a large acreage is grown.

DEPTH OF FALL PLOWING.

An Iowa subscriber submits the following inquiry:

In a recent issue of your paper you advise plowing stubble as soon as possible after harvest, claiming that this practice was much better for the soil, in addition to the fact that it hurried the weeds before they were mature enough to germinate. I believe your advice is good, but many in our locality have not been able to get the work done up to the present time.

There is a difference of opinion here as to how deep soil should be plowed in the fall. I know of men who just skim over their stubble fields, plowing not more than three or four inches. They have been doing this for years. Others put considerably more horse power and plow the soil to a depth of seven or eight inches. Many of us here would be glad to have your opinion on the subject. The soil in this locality is a rich black loam.

While the nature of the soil to some extent regulates the depth of plowing, it may be said that on general principles fall plowing should be done fairly deep. In the case of sandy soils and sandy loams we would hesitate before plowing more than four or five inches deep, for the reason that on such soils it is better to keep them firm below, and as far as possible keep the vegetable matter and manurial constituents near the surface. There are certain light soils in the corn belt, though the area is small, that would be more productive if they were never plowed, though of course the preparation of a seed bed necessitates plowing from time to time. If, however, the disk or some surface-cutting implement could be utilized to prepare the seed bed it would, in our opinion, increase production.

However, on average corn-belt land the proposition is entirely different, because there is not much danger of fertility leaching away, while there seems to be considerable advantage in having a good depth of friable soil. We have in mind a field that was plowed to a depth of about eight inches in the fall of 1905 and put to corn this year. The soil was a rich black loam with a somewhat stiff subsoil. The corn at present writing on this field gives every appearance of reaching a yield of eighty or ninety bushels per acre, while the adjoining field, plowed somewhat shallow, has a much less thrifty appearance, though the soil is identical. In the case of the deeply plowed soil the fodder has been of a dark green color until the husks began to turn, and as a result nearly all the ears that formed were fully developed. In the other field the fodder took on a somewhat yellowish appearance when the corn was in the milk stage and at present the ears, many of them, have the appearance of being



MISSOURI MONARCH No. 224427

All females of breeding age to go in the W. R. Turner & Sons sale, to be held at Shelby, Mo., Sept. 20th, are either in calf to this great young breeding bull or have calves at foot by him. See field notes.

a little small. The theory of deep plowing is that it brings a certain amount of inert soil to the surface, where it is weathered, thus bringing about the liberation of fertility that would otherwise remain inert. It may require more work in the spring to prepare a seed bed on a deeply plowed soil than where it is plowed shallow, because it always pays to make the seed bed firm. However, we believe that in the case of the deep plowing the increase in the crop where corn is grown will much more than pay for the labor.

The only precaution that we would advise would be that depth of plowing should be increased gradually. If a soil has not been plowed to a depth of not more than four inches we would not advise increasing the depth more than one inch at a time, because if more inert material than the extra inch is brought to the surface liberation of fertility may be so slow the first year as to interfere with maximum production. By going an inch deeper each time until the soil is stirred seven or eight inches deep one may reasonably expect good results.

HOURS ON THE FARM.

The subject of the long hours on the farm was discussed in these columns some time ago, and since that date a number of communications have been received in which a variety of views are expressed on this subject. The following communication has been received from Mr. W. C. Baldwin, of McPherson county, Kansas:

I notice that Mr. H. L. Kelley, of Bremer county, Iowa, takes exception to your utterances on the question of long hours on the farm. He thinks that no man could be successful nowadays who has his work done up in the evening by 6:30 o'clock. Now, as I am one of those 6:30 fellows I want to have my say.

As our boys and girls are leaving the farm and taking up other lines, we as farmers are mightily interested in the hired help question. Mr. Kelley's ideas about working until 8 or 9 o'clock every evening are more applicable to former times when muscle counted for more than brains, than to the present. I notice in this county that our 6:30 men are at the head of nearly all public enterprises. It was this class of men that built our churches and not those who are always dragged out with long hours. It was the 6:30 men who circulated petitions bringing about the introduction of rural delivery, and the same may be said about the building of telephone lines. It is the 6:30 man who keeps the highway in front of his farm free from weeds, and not the man who works fifteen and sixteen hours every day; it is the 6:30 man who has his boys and girls with him after they are grown to manhood and womanhood. I conclude, therefore, that Mr. Kelley is wrong when he states that it is impossible to get along these days unless one works from 4 o'clock in the morning until 8 or 9 o'clock in the evening.

On this same subject Mr. T. E. Burton, of Page county, Iowa, expresses the following views:

I am somewhat interested in the discussion that is going on in your paper over the question of hours on the farm. Mr. Kelley, of Bremer county, Iowa, expresses my views on this subject. I do not think it good policy or good business to have the chores done by 6:30 o'clock. It would be very unpleasant for me to milk cows or feed pigs and hogs when the sun is one and a half or two hours high. Furthermore, I do not think it is good for the stock. I think it is much better during the summer months to do your chores after the sun is down. The man who buys land in the corn belt these days and pays for it cannot quit work early in the evening, neither can the renter on these high-priced lands. From 5 a. m. to 8:30 p. m., with one and a half to two hours at noon, is not going to hurt any sound-minded, able-bodied man. The fact is, if we had longer hours and less idle time we would be better off. This would be especially true in the case of men in the cities. I think you make a great mistake when you advocate the short day for farm work.

We are entering upon that season of the year when work days are of necessity shorter than when this discussion began, but the principle of the thing remains the same. We believe that our policy is sound when we advise men to plan their affairs, if possible, so that work hours shall not be too long. We have said before that where one starts in the morning at 5 o'clock all forms of labor should be finished up between 6 and 7 o'clock in the evening. Where teams are being used every day in the field they can do all that they ought to do in nine or ten hours. In other words, if worked sensibly this length of time their full labor capacity will be reached, providing, of course, the aim is to keep them in good flesh.

The same holds good with men. If a man knows that he has to work until 8 or 9 o'clock in the evening there will not be the same snap in him that will be shown if his work is to be finished up in reasonably good time.

We realize that men will continue to differ in their opinions on this subject, but as we view it the very necessity of the case, if help is to be obtained on the farm in the future, demands that the hours of labor be regulated to some ex-

tent. Not that it is possible to work by rule, as is the case in the cities, but rather, that we should tend in that di-

rection; otherwise it will be with the greatest difficulty that hired men are induced to leave cities and go to the farm.

Cottonseed Meal For Swine.

By Prof. F. R. Marshall, Texas Agricultural College.

On April 1, 1905, the Texas station began an experiment to test the efficacy of the fermentation method of feeding swine on cottonseed meal. Ten hogs were fed for forty-three days on a light ration consisting of two-thirds corn chops and one-third cottonseed meal, the mixture being thoroughly fermented. During the next forty days a heavier ration was fed. One hog died and another was unfit for marketing. In another lot fed similarly, except that their ration was one-half cottonseed meal, there were four deaths.

The summary of a recent bulletin contains this statement:

A comparison of the results of this experiment with those of other stations at which cottonseed meal was fed in the ordinary (unfermented) way indicates that cottonseed meal may be used in larger quantities and for longer periods when fermented and fed in a slop than when fed without being fermented.

On February 1st of this year, a second experiment was commenced on a plan similar to that of 1905. This time, however, next to the lot receiving fermented corn chops and cottonseed meal, another lot was fed exactly the same except that their feed was not fermented.

In this experiment there were six lots of ten hogs each, fed as follows:

Lot I.—Corn chops.
Lot II.—Corn chops, two-thirds; cottonseed meal, one-third; unfermented.
Lot III.—Corn chops, two-thirds; cottonseed meal, one-third; fermented.
Lot IV.—Corn chops; cottonseed meal; molasses.

Lot V.—Corn chops, four-fifths; cottonseed meal, one-fifth; unfermented.
Lot VI.—Corn chops, two-thirds; cottonseed meal, one-third; unfermented; green feed.

This feed was continued for fifty-seven days and the effect of the various rations upon the amount and cost of gains is shown as follows:

On March 30th, the cottonseed meal was taken away from all but Lot VI. There were no deaths or sickness among the corn-fed hogs, Lot I. There were two deaths in Lot II.—two-thirds corn chops and one-third cottonseed meal; unfermented—one on March 29th, and the other on April 2d. The meal was withdrawn March 30th.

In Lot III, receiving the fermented mixture, there were six deaths between March 20th and 29th.

In Lot IV, fed molasses in addition to corn and meal, six animals died between March 16th and 26th. The molasses appeared to fatten them very rapidly, and the trouble commenced earlier than in the other lots.

In Lot V, four-fifths corn chops and one-fifth cottonseed meal, there was one death on March 30th.

Lot VI, were pastured on a heavy growth of bur clover until March 16th. It was necessary to keep the lot eating nearly the same ration as Lots II and III, and they did not eat the rape very eagerly for some time. This lot ate cottonseed meal until March 31st, at which time there was one sow off feed, but there had been no deaths. The gains were no longer satisfactory, however, and it was evident that longer feeding of cottonseed meal would be unprofitable if it did not cause deaths. This lot ate practically the same feed as Lots II and III, in which there were two and six deaths respectively, indicating that good, green pasture does, in a material measure, offset the injurious effects of cottonseed meal. The cost of gain was the lowest of all the lots. For green feed this lot grazed from February 1st to March 16th, on six-sevenths of an acre of bur clover. The clover was still in good shape at the end of that time, but a piece (three-fourths of an acre) of rape that had been planted for this lot was becoming so large that it was necessary to turn in on it; even then it was several days before they were eating any considerable amount of it and on March 29th, when taken out, the crop was considerably larger than when the hogs were turned in. From the two lots of green pasture—one and a quarter acres—which these hogs ran on, not more than one-third of the forage was consumed. There was a return, however, on these ten animals of \$4.00, which would have been greater had it not been necessary to feed this lot heavily on grain to compare with the other

lots. From twelve to fifteen dollars per acre can be secured from such crops used for this purpose, and with animals eating less corn and cottonseed meal and more pasture, the time through which it would be safe to feed the meal would be longer.

The teachings of these experiments are not at variance with the expressions of many of the intelligent Texas farmers who have been loud in their praises of fermented cottonseed meal for swine. Other experimenters, notably Dr. Dinwiddie, of Arkansas, have shown that a 100-pound hog can safely eat one-half a pound of cottonseed meal daily for an indefinite length of time. Their experiments, and ours, show that under some conditions heavy feeding can be continued for more than forty days. The facts just stated have not been properly appreciated by those who claim to have proven fermented cottonseed meal to be safe feed for hogs. No one, to my knowledge, has yet fed cottonseed meal as heavily or as long as we have without experiencing similar results. The addition of cottonseed meal costing \$30 per ton to a ration of fifty-cent corn is very profitable if discontinued in time. No one familiar with the subject can fail to appreciate the excellent effect of cottonseed meal upon the gains and appearance, and therefore value, of corn-fed hogs. It is to be hoped that the time will come when hogs may be finished on cottonseed meal with no unusual risk. The grounds for faith in such a hope are, however, to those unbiased on the question, very small.

We will continue this particular line of work with a view to: First, accumulating facts that will aid in the discovery of the cause of death among hogs fed cottonseed meal and second, to show how far and under what conditions careful feeders can utilize the good qualities of cottonseed meal in feeding swine.

THE DRY FARMING PROPOSITION.

A bulletin has recently been published by the department of agriculture in which the subject of dry farming is discussed at length. According to this bulletin the experience gained during the last thirty or forty years and the results of the recent work in this connection carried on by several experiment stations and other agencies, indicate that, by means of special methods of cultivation requiring, in some instances, special tools and implements, and by the use of drought-resistant crops and varieties, arid farming may be placed on a much safer basis than heretofore.

The Utah Experiment Station points out that the two main problems in dry farming are: First, the absorption and retention of moisture by the soil, and second, the culture of crops which make satisfactory growth and reach maturity with very little water. The soils of Utah, generally very deep and quite uniform to great depths in chemical and physical properties, are well adapted to dry farming on account of their great moisture-retaining capacity. The station estimates that under ordinary conditions the average annual rainfall of twelve inches can be held in three and one-quarter feet of soil of this description. In this method of farming, therefore, the soil should be treated to facilitate the absorption and retention of as much as possible of the moisture that falls upon it.

Data secured by that station indicate that on the dry farms of the state 750 pounds of water are required to produce one pound of dry matter in the plant, while experiments conducted in this country and in Europe show that under humid conditions only about 500 pounds are sufficient for the same purpose. A rainfall of twelve inches amounts to 1,361 tons of water per acre, or a quantity sufficient, if entirely used by the crop, to produce twenty-seven bushels of grain, even on semi-arid lands.

Utah recently established six experimental farms in different sections and placed them under the direction of the experiment station for further investigations on dry-farm practices. The first year's work on these farms was carried on in 1904. The land was plowed about eight inches deep and brought to



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a fine tilth with disk and smoothing harrow. No summer fallow preceded these crops, and hence only one year's precipitation was used in their production. The rainfall records for the year show a precipitation of more than ten inches on all the farms, and an average of 12.5 inches.

The highest yield of winter wheat recorded at any of the farms was 23.83 bushels, and marconi spring wheat, 21.25 bushels. Of several varieties of oats, Sixty-Day gave the best general results, the yields ranging from 3.75 to 36.01 bushels per acre. The highest yields of barley and rye recorded at 34.9 and 14.04 bushels per acre, respectively. Emmer was grown on two of the farms, and yielded 23.55 bushels on the one and 17.68 bushels per acre on the other.

The main purpose of summer fallow on dry farms is to store the water of two or more seasons in the soil for the production of a crop, and hence this is practiced more frequently where the rainfall is limited than where it is heavier. The Colorado station gives the following directions for this practice:

After the snows of winter have melted in the spring plow the ground at least seven to eight inches deep. Level this down with the harrow and packer, following this process with a smoothing harrow forming an earth mulch to check evaporation. This mulch should not be too fine, as the winds of the plains will tend to lift the soil or blow the earth mulch entirely away. If possible, stir the surface soil two to four inches every ten to fifteen days throughout the summer. Allow no crust to form after summer showers, as this will increase the evaporation of the soil moisture. Keep the ground clean, free from weeds.

In addition to the crops grown in the tests noted above, kafir corn, sorghum, millet, field peas, brome grass, meadow fescue and western wheat grass have given good results on the plains. As regards the quantity of water required for maturity the common field crops are placed in the following (ascending) order by the Colorado station: Corn, potatoes, wheat, barley, field peas, oats, alfalfa, and red clover.

GOVERNOR'S DAY AT MISSOURI STATE FAIR.

In a conference recently between Secretary Rippey, of the Missouri State Fair, and Governor Folk, with reference to arrangements for "Governor's Day," Oct. 2 at the fair, it was decided to extend a formal invitation to Gov. A. B. Cummins, of Iowa, to be Missouri's guest on that occasion. The invitation will include the officers and members of the Iowa State Fair board. When Missouri's fair board visited the Iowa State Fair at Des Moines this year, they received the tentative promise of their Iowa co-workers to reciprocate the visit.

Should Governor Cummins consent to come he will be urged to remain over to Wednesday, "Fraternal Day" at the fair, to deliver an address, and a reunion of former Iowans will be held on the fair grounds. Those in a position to know assert that 25,000 Iowans have located in Missouri during the past ten years—a "rally day" for those people would be almost as enjoyable as a visit to their former homes.

DAN PATCH BREAKS RECORD.

The famous pacing stallion, Dan Patch, owned by the International Stock Food Co., of Minneapolis, succeeded last week at the Minnesota State Fair in breaking the world's pacing record which was established last year in Kentucky by himself, lowering the time in this instance to 1:55. A number of unofficial watches, held by eye-witnesses, caught the time a quarter of a second lower than this. This famous son of Joe Patchen is the best-known horse in America today, and his greatness consists not only in his ability as a speed machine, but also as a sire of fast pacers. He has sired several that have a mark considerably below 2:10.

We still have a few more Indian Pictures. "What does this mean?" Turn to page 5 and see the Simplicity advertisement.

Farm Furrows

Turned by a Practical Farmer.

Sam says all of Rockefeller's money is tainted. He says: "Tain't yours and 'tain't mine," which is evidently so.

The self-feeder on a thrashing machine is one of the best inventions to date. That and the blower keep many a man out of a dirty place.

Poultry experts tell us that the only cure for roup in fowls is what is known as the hatchet cure. In aggravated cases I believe this is about correct.

One of the ways to let neighbors know what you have to sell or what you wish to buy is to place the same on a bulletin board in front of your place of residence.

Mr. Fawcett, of Cedar county, got the \$50 prize for the best ear of corn at the Iowa State Fair. He also captured the prize for the best ten ears. Quite a feather in his cap.

Many a small boy got on the outside of too many green apples which grew on the trees inside the Iowa State Fair grounds, and they immediately pronounced the fair a failure.

I saw a steam plow at the Iowa fair and now the long-looked-for has arrived. I learned of a number of farmers who are now plowing by steam. This old world is certainly on the move.

King Corn and Jack Frost are having the usual race for supremacy. The king is about a dozen laps ahead at this writing, and it is to be hoped Jack will have to "go away back and sit down."

Ask the average man what air is, and he can't tell, for he can't see it. Ask him what mud is and he will tell you. Mud is water in excess of the absorption of one soil. Mud will make bricks, but it is no good for crops.

An agent is in the land selling ginseng plants which are claimed to be prolific. A Missouri woman bought some of them and when she attempted to sell her first product it was found to be the product of Culver's root (*Veronica virginica*.)

Fresh meat in summer is not the problem it once was. Up-to-date farmers know how to provide it. The man who works hard needs more meat than the man who does not work, hence the necessity of meat and fresh meat at that.

At one time when barbed wire first came into use the galvanized wire was considered better and cost more per pound than the black wire. At that time I put up some of both kinds of fence. Both are in a good state of preservation and the galvanized wire seems to have but little advantage over the black wire. Later I put up some woven fence and the galvanized (?) wire has rusted

even more than the black wire did of the 70's. I can't understand a phenomenon that will cause this difference in the lease of life.

Where I live there has been no prairie hay for almost twenty years. Not long since I had the pleasure of visiting a country where almost all of the hay is prairie hay, and it seemed peculiar to see haying time come in the fall instead of in the summer.

The Furrows man enjoyed a delightful week at the Iowa State Fair and met many thousand readers of this paper there. He meets them from week to week in these columns, but there is a feeling of genuine brotherly affection when he can take them by the hand. Come again.

Friends of the seedless apple are now trying to make a claim that it was the seedless apple that was growing in the garden of Eden when man was tempted and fell. I'm glad it was not a Ben Davis, for he has troubles of his own without laying this great crime against him.

There are many foul weed seeds that cannot be taken out of clover seed by ordinary methods. When an extra effort is not made to get the seed clean it will be sure to grow all kinds of plants not wanted. It will not pay to drift into neglect in this way and slip one cog backward.

An Indiana man is experimenting with what he is pleased to term atmospheric irrigation. He simply places tile in his land, not to lead off the water, but to supply the soil with air and thereby increases his crops. He claims it works well, for on a hitherto poor, clay farm he is able to produce large crops of corn.

It begins to look as if there is to be a scarcity of feeding lambs. The sheep raiser has been unable to raise as many lambs as the buyers and feeders demand, and that is the reason for it. There is getting to be an almost exciting demand for old ewes. High prices have carried many ewes to the market which under other conditions would have remained to help produce the lamb crop.

When attending the state fair someone has to act the part of a walking encyclopedia, and a man is very wise who can answer all the questions asked. Sam was asked why the airship did not sail and he said he supposed it was because the aeronaut had run out of air (hot air). One lady said the airship looked like a large floating potato. Others thought that one of the prize Poland Chinas had escaped.

A farmer lad married a neighborhood school teacher, who was a town girl. She undertook to cook some rice after marriage, and filled the pot with rice. When it began to swell, she had to place it in two pots. Soon the swelling proceeded until all the cooking vessels she had were full of rice. She went out and flagged her husband to come to the house before the swelling rice would push out the kitchen windows.

Never in the history of improved agriculture did there exist such a necessity for choice clover seed as at this very time. More farms are seeded to fowl weeds by the introduction of really poor seed than in almost any other way. It will pay every man to buy a small magnifying glass and look at the seed he buys. He should buy the best and insist on getting it. Buy only a seed test. Buy seed like buying gold dust.

Working in the rain does not pay. It is barely possible that a saving can be often made by prolonging the labor in the rain, but there comes a day when one may have to balance his books against his health. I once owned a rubber coat and being young and vigorous I defied the rains and worked in the rain. That was the dearest coat I ever owned. It is all right to have a coat of that kind along when one gets caught in the rain.

It is funny that artists who wish to illustrate a farmer make a picture showing him with either a straw in his mouth, a fork or a rake in his hand or something of that kind, as if he were always carrying about with him the insignia of his profession. I observe, too, that they usually illustrate a team and a man plowing with both horses walking on the land and the man pushing the plow instead of allowing the horses to pull it.

GREAT STOVE OFFER

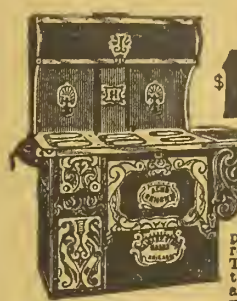
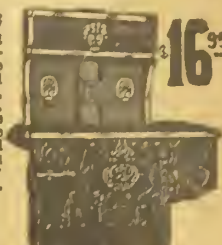
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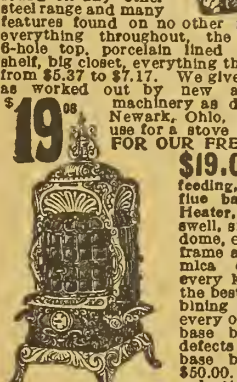
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Then, they show a man sitting on the left side milking a cow. Any respectable cow would resent any such innovation.

Gold brick dealers are of the opinion that the farmer must get his money easily, for he appears to be very easy to work. This is not the case, for gold brick buyers are not all farmers. I happen to be in a position to know that many men outside of agricultural pursuits are continually asking to be "humbugged."

When it comes to the use of water pipes under ground I believe there is a decided advantage in putting in galvanized pipes or pipe that has been made water proof by some preparation made for that purpose. The life of one kind may be no longer than another, but the water seems to have a better taste from the galvanized pipe.

It has been said that potatoes should never be plowed when in bloom and some cannot understand why this is so. When potatoes bloom it is at a time when the tubers are setting on and it is a critical time in the production of this crop and the roots should not be interfered with at that time. Nourishment comes through the roots and they should not be disturbed. Sometimes when the soil is wet and the season wet plowing will open up the soil, let in the air and thus benefit the crop.

EACH TUESDAY THIS YEAR THE CHICAGO GREAT WESTERN RAILWAY will sell homeseekers tickets to points in Alberta, Manitoba, Minnesota, North Dakota, Saskatchewan, western Ontario and Wisconsin at rate of one fare plus two dollars for the round trip. Remember, THE CHICAGO GREAT WESTERN RAILWAY is the only line from this section which runs three solid trains daily to the Twin Cities. Also remember that on the return trip you can take any one of our four trains, making it certain that you will not have to wait but a short time for connection at St. Paul and Minneapolis. Shortest time, best equipment, best service and connections. Call on or write to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

LOW EXCURSION RATES TO NEW ENGLAND AND CANADIAN POINTS VIA THE C. & N.-W. R.Y. Tickets on sale daily until June 30th; also on July 4th and 18th, August 8th and 22d and September 5th and 19th at one fare plus \$2 for fifteen-day tickets, or one fare plus \$4 for thirty-day tickets. Stopovers allowed at Detroit, Niagara Falls and other intermediate points. Full information at 401 Walnut St., or C. & N.-W. passenger station.

LOS ANGELES AND SAN FRANCISCO. From September 3d to 14th the Chicago Great Western Railway will sell round trip tickets to San Francisco and Los Angeles at rate of one fare for the round trip. Tickets have limit of October 31st to return and allow stopovers west of the Missouri River in both directions. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

NEW ENGLAND AND CANADIAN POINTS. The Chicago Great Western Railway will sell round-trip tickets to the above points at very low rates on certain dates this summer. It will pay you to call on city ticket agent, 514 Walnut St., Des Moines, Iowa.

22 YEAR ROOF

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The Black Diamond Roofing on this lumber shed was put there in 1884. That is a pretty good record for a "ready roofing." Most manufacturers talk about their roofings lasting eight years or ten years, but here is an example of 22 years of service.

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MINNESOTA STATE FAIR



THE NEW LIVE STOCK JUDGING PAVILION.

It would be difficult to conceive of a more magnificently planned exposition than the annual state fair held at St. Anthony Park, Minnesota. Six full days of sight-seeing, entertainment and instruction is the epitomized history of the fair held last week. It was thought that the climax was reached in 1905, but not so. In gate receipts, this year eclipsed all records, more than 300,000 tickets being purchased at the turnstiles. After paying all expenses, premiums, entertainment, etc., there was left over more than \$75,000 to be put back into improvements.

The feature of the fair of chief significance was the dedication of the live stock judging pavilion on opening day. If comparisons contribute to accuracy it may be said that it is the largest found on any state fair grounds in the union today. Its length is 359 and the width 200 feet, the arena alone being 120 by 270 feet. It seats comfortably 7,500 people. It cost a little better than \$100,000, but no visitor at the fair last week was heard to utter a word of censure directed toward the fair board because of extravagance. This structure of cement, steel and brick will be there for future generations, an emblem of today's wise generosity. This pavilion was dedicated to the cause of improved agriculture in an elegant address delivered by Mr. J. J. Hill, president of the Great Northern railway. He sounded a note of warning to the people of the West concerning their wastefulness, and especially as applied to soil fertility. Our soil, according to Mr. Hill, has already been reduced

in productive capacity more than would be the case with five centuries of sensible farming. In fifty years the United States will have a population of more than 200,000,000 people. In twenty years we cannot grow enough wheat for our own people's bread on our present wheat acreage, and at the present average yield. England and Belgium have greatly increased the yielding ability of their farming land during the last fifty years, and these principles of production must now be learned by the American farmer. Americans must learn how to farm, above all else.

In her live stock exhibits Minnesota's fair falls below some of her sister states, although the showing made this year was a creditable one. The new pavilion contributed much to the comfort of showing in this department, though there are improvements yet to be made. The placard system of numbering animals was notoriously lax in its enforcement this year, especially in the horse department. With catalogs in hand, thousands of visitors sat through many of the judging contests without an inkling as to the name and owner of the animals in front of them. A few dollars spent in printing with the placard rule enforced would change this whole situation and give to the people an unparalleled educational feature. Then again, more stock parades ought to be given. Judging was finished early in the week, but the prize-winners could only be found in their stalls, and in most cases blanketed. A state fair is not a secret organization, and the superintendents of the various departments should vie with each other, it seems to us, in the matter of bringing the exhibits before the people.

The home of Dan Patch should be a speed center, and such it is. With this noted son of Joe Patchen to lead off in these events, a week of unalloyed pleasure followed for those who indulge in the speed luxury. With the half-mile and mile track, Minnesota fair ground is equipped in a manner to stir the envy of fair managers in other states, because good speed programs always draw. Throughout the entertainment features were of a high order this year and happily there was lacking those questionable features that have held sway in the past. The segregation of side-show features is a step in advance, and the improvement in the character of those admitted to the ground makes it a matter over which the fair officials should be complimented. This paper has always held the opinion that a clean fair would pay, and now it has been proven true. Missouri began it, Iowa followed after and now Minnesota is doing likewise. Through it all, bear in mind the revenues have been increasing all the time. We pronounce the entertainment features on the Minnesota grounds this year as legitimate and proper in every way. We understand that a responsible company was contracted with for the week, and if this is the case, the experience was such as might well be imitated.

Minnesota fair has always been strong

along agricultural lines. In some respects former years were better than this, especially in the number of counties entered on a pro rata share of the \$1,250 prize. Of the seven entries, however, all were in the highest class in point of quality of products and beauty of design. Their order of merit as decided by Prof. C. P. Bull, of the agricultural college, were as follows: First, Olmsted; second, Blue Earth; third, Houston; fourth, Morrison; fifth, Goodhue; sixth, Stearns; seventh, Itaska.

The management of the International Exposition at Chicago have always been alive to the best interests of that big fair. They know that it is built upon the favor of the live stock breeder. In order to get near the situation the plan of sending a representative of the various state fairs to entertain exhibitors was put in operation a few years ago and has been continued since. This year on the grounds of Hamline their headquarters were even more popular than ever, furnishing as they did a most convenient meeting place for stockmen. As during the day and evening stockmen are necessarily scattered widely, the International tent has really become an important factor in holding up to high water mark the interest in improved live stock. The general manager of the exposition, Mr. W. E. Skinner, did not appear on the grounds at Hamline, though he had planned to spend the week there. His able lieutenant, Barney Heide, spent the week on the grounds and his presence did much to make the week a pleasurable one for stockmen. Incidentally, Mr. Heide says that the prospects were never better than they are now for a great exposition in Chicago the first week of December.

CATTLE.

SHORT-HORNS.

The showing of reds, whites and roans at the Minnesota State Fair was a very good one for several reasons. Competition was keen and at no time did interest lag in the classes. New exhibitors were there with a good showing for first appearance and classes were well filled. The state was well represented and many of the best ribbons will remain within its boundary. F. W. Harding met his first dangerous rival of the circuit here and lost to some excellent individuals in the herd of C. E. Clarke. This herd was well fitted for the competition and uniformity of type made consistent winnings, as would be indicated in the herd classes. Mr. Leslie Smith, who is responsible for the excellent condition of the Clarke herd, has been breeding and feeding consistently for years, and his work told mightily this year. W. J. Bernd made his first appearance with a fairly uniform lot of animals that, however, were not enough of the low-set, smooth kind nor in the necessary condition to show with success against the regular exhibitors. N. A. Lind met with about the same success as at Des Moines. In the national or open show the three-judge system was in operation. Messrs. E. K. Thomas, of North Middleton, Ky.; Frank Van Natta, Fowler, Ind., and Rankin Forbes, Henry, Ill., comprised the judging talent. Aside from the open competition was a show for Minnesota herds which brought many entries not shown in the open classes. Young stock was especially good and ten-month-old calves weighing 800 pounds were not uncommon, indicating growthy, vigorous offspring. A list of the breeders in the open classes are: N. A. Lind, Rolfe, Iowa (11 head); F. W. Harding, Waukesha,

Wis. (17 head); C. E. Clarke, St. Cloud, Minn. (12 head); W. J. Bernd, New Richmond, Wis. (11 head); D. B. Searle, St. Cloud, Minn. (8 head); O. F. Henkel, Kenyon, Minn. (6 head); D. J. McLean, Cakota, Minn. (4 head); Todd Bros., Altura, Minn. (2 head); J. B. Gillilan, Wayzata, Minn. (8 head); S. Fletcher, Matteson, N. Dak. (8 head); W. W. Brown, Amentia, N. Dak. (5 head); Arthur Cooper, St. Cloud, Minn. (13 head); Thos. Graham & Son, Howard Lake, Minn. (4 head).

AWARDS.

Aged Bull—First, F. W. Harding, on White Hall Marshall 209776; second, C. E. Clarke, on Bapton Favorite 231780; third, W. J. Bernd, on Archer Halstead 216334; fourth, Todd Bros., on Ajax of Elha 219483; fifth, L. J. Norris, on Lord Butterfly 206975.

Bull Two Years Old—First, W. W. Brown, on Bapton Chief 227581; second, D. J. McLean, on Golden Archer 242508; third, Todd Bros., on Queen's Pride 240129.

Senior Yearling—First, Samuel Fletcher, on Nonpareil Star 233402; second, D. B. Searle, on Gallant Knight 242912; third, J. B. Gillilan, on Columbia Chief 241254; fourth, McLean, on Goldendrop Boy 265902.

Junior Yearling—First, N. A. Lind, on Pride of Fashion 264007; second, Aarheck Bros., on Bloom's Best 263189; third, Clarke, on Crimson Knight 242725; fourth, C. F. Henkel, on Crimson Knight 242725; fifth, Gillilan, on Ben Avon Archer 264099; sixth, Bernd, on Choice Archer 242898. N. A. Lind's eighteen-month white bull won first quite easily in this lineup over the second choice, a red bull four months his junior.

Senior Bull Calf—First, F. W. Harding, on Anoka Sultan 264212; second, Clarke, on Choice Knight 253397; third, Harding, on Gloster Marshall 263130; fourth, Harding, on Sutor 263191; fifth, Thos. Harbarn, on Flower Knight 264126; sixth, Fletcher, on Mina's Ensign 263795; seventh, Bernd, on Winnie's Archer 262437; eighth, Henkel, on Mikado 263752. The latter end of this class was hardly in show condition and were easily out-classed by the first four. C. E. Clarke met his competitor with a smooth red roan which, although a bit higher and plainer appearing, was probably more symmetrical than even Anoka Sultan.

Junior Bull Calf—First, Clarke, on Knight Commander 263720; second, Harding, on Sultan Commander 263132; third, Searle, on Victorious Archer 264397; fourth, Bernd, on Roan Archer 262944; fifth, McLean, on Lavender Duke 263903. A promising red lad carried off first honors in this ring. For style he was not up to Sultan Chief, but as a good calf in lines and conformation he was quite attractive. Third choice furnished a nice type also.

Aged Cow—First, Clarke, on Welcome of Meadow Lawn 9th; second, Harding, on Princess Flora 2d; third, Bernd, on Lady Lovell 4th; fourth, Harding, on Money Pluffie Maid; fifth, Brown, on Mamie; sixth, Cooper, on Ruth Barrington 26th. Welcome of Meadow Lawn is a large, massive cow with a good amount of style and nice lines. While higher behind than desirable, she was not out of proportion. Opinion was divided as to her right to first place, as Princess Flora catches many an eye for her pleasing carriage of head and good qualities throughout.

Heifer Two Years Old—First, Clarke, on Duchess of Lancaster 13th; second, Harding, on Anoka Broadhorns; third, Brown, on Spring Grove Kirklevington 4th; fourth, Clarke, on Dorothea 2d, Vol. 64; fifth, Bernd, on Rose Jane. With seven months the advantage, the first choice in this class made a more mature, rounded-out appearance that won favor with the ringside and the judge. W. W. Brown showed a large breedy roan with considerable flesh and evenly placed.

Senior Yearling—First, Harding on Clara Belle; second, Clarke, on Lady Mysie 2d; third, Lind, on Lovely Belle; fourth, Lind, on Rose of Autumn; fifth, Brown, on Phylletta; sixth, Cooper, on Ollie Bly 35th. A close class at the top. However, Clara Belle has such an attractive front with a low, smoothly-finished quarter that it makes her a hard one to excel. The pair shown by Lind are more of the angular type and not as high in flesh as to show at their best, though they look to be growthy, vigorous heifers.

Junior Yearling—First, Harding, on Missie of Browdale 12th; second, Clarke, on Alice of Meadow Lawn; third, Harding, on Fancy

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BRIDLE open 1/2 inch, lines 1 1/2 inch, breast collar 3 inch V shape, traces 1 1/2 inch, saddle 3 inch patent leather shaft, tugs 1 inch, belly band 2 inch, breeching 1 1/2 inch, 1/2 inch hip strap, 1/2 inch turn back. Made of No. 1 oak leather. With Davis rubber or nickel trimming, \$10.97; with genuine rubber trimming, \$12.23; with white celluloid trimming, \$13.23. Add 25c if you want blind bridle. Simply send us a money order and state kind of trimming wanted and we will send harness at once with the distinct guarantee that we will refund your money and pay freight both ways if after you get it, it isn't a better harness than you could buy anywhere for from \$3 to \$5 more money. Write for our harness catalog; it's free. Only harness factory in the United States selling direct to the farmer.

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Minnesota

Minnesota

Lovell; fourth, Searle, on Winsome Lassie; fifth, Lind, on Beaver Creek Arabella; sixth, Searle, on Mina's Lily; seventh, Fletcher, on Miss Birdella; eighth, Fletcher, on Golden Moss Rose. In this ring were included some very vigorous, growthy-looking calves showing desirable types. The placing was close among the first five, although Missie of Browndale was the pick of that number, being a richly-covered, square-bodied roan, having age to her advantage.

Senior Heifer Calf—First, Clarke, on Lady Dorothea (Vol. 63); second, Harding, on Anoka Gloster 2d; third, Searle, on Violet Pearl; fourth, Searle, on Merry Maid; fifth, Searle, on Lustrous Lady; sixth, Lind, on Victoria Countess; seventh, Harding, on Broadhooks Sultan; eighth, Clarke, on Dorothea 3d. This was found to be a difficult class for adjudication, as there were fifteen members and no outstanding one for first place. The three first selections in the showing, contested for the blue ribbon for a long time and only after a consultation of the judges could the order be chosen. The three represented very similar types and it was necessary to consider some of the finer points of style and form.

Junior Heifer Calf—First, Clarke, on Molly 3d; second, Searle, on Scottish Belle (Vol. 63); third, Clarke, on Lady Dorothea 4th; fourth, Henkel, on Blue Bird 4th; fifth, Harding, on Ramsden Flower; sixth, Lind, on Sunset; seventh, Bernd, on Happy New Year; eighth, Fletcher, on Mina Irene 3d. Type and color were very uniform among these youngsters and some were at a disadvantage for lack of condition, most notably the fourth selection, which indicated the making of a good heifer. Molly 3d is a compactly-built calf, but does not show up as she might for having a trifle heavy coat.

Senior Sweepstakes Bull—Harding, on Whitehall Marshall 209776.

Junior Sweepstakes Bull—Fletcher, on Nonpareil Star.

Champion Bull Any Age—Harding, on Whitehall Sultan.

Champion Cow Any Age—Clarke, on Welcome of Meadow Lawn 9th.

Sweepstakes Heifer Under Two Years—Harding, on Clara Belle.

Aged Heifer—First, Clarke; second, Harding; third, Brown; fourth, Bernd.

Young Heifer—First, Clarke; second, Harding; third, Searle; fourth, Lind; fifth, Fletcher. In the young herd the first choice did not show the attractive uniformity of second placing, but had two exceptionally fine-bodied yearling heifers that wou favor.

Calf Herd—First, Clarke; second, Searle; third, Harding; fourth, Fletcher; fifth, Henkel.

Four Animals, Get of One Sire—First, Harding; second, Clarke; third, Searle, fourth, Lind; fifth, Harding.

HEREFORDS.

The Hereford show at Hamline was quite complete from a standpoint of quality, but classes were small, and while Mr. Thomas Clarke, of Beecher, Ill., worked carefully in making awards, he had little difficulty in making a satisfactory distribution of the ribbons. It was a contest in which every exhibitor was on foreign soil. Cargill & McMillan secured all the blue ribbons, but were not so fortunate in the second premiums. G. H. Hoxie had a herd of very good quality, but lacked the size and maturity to make a successful showing in such good company as was at the head of the lists. Stock was shown by Edmonds, Shade & Co.; Kingsley, Iowa (14 head); Cargill & McMillan, LaCrosse, Wis. (21 head); G. H. Hoxie, Thornton, Ill. (9 head); J. C. Andras, Manchester, Ill. (10 head).

AWARDS.

Aged Bull—First, Cargill & McMillan, on Principles 4th 146394; second, Edmonds, Shade & Co., on King Edward 165604.

Bull Two Years Old—First, Cargill & McMillan, on Privateer 2d 182133; second, Edmonds, Shade & Co., on Sir Albany 9th 180123; third, J. C. Andras, Jr., on Prosper 180981; fourth, Andras, on Haven's Protector 180981.

Yearling Bull—First, Cargill & McMillan, on Bonnie Brae 3d 203317; second, G. H. Hoxie, on General Manager 2d 305606; third, Andras, on Hummer 4th 200481; fourth, Edmonds, Shade & Co., on Passport Prize 216944; fifth, A. R. Haven, on Hummer 5th.

Bull Calf Under One Year—First, Cargill & McMillan, on Fulfiller 5th 230510; second, Hoxie, on Peerless Perfection 10th 235454; third, Cargill & McMillan, on Fulfiller 3d 230508; fourth, Edmonds, Shade & Co., on Sir Edward 232986.

Aged Cow—First, Cargill & McMillan, on Heliotrope 159451; second, Cargill & McMillan, on Twilight 167464; third, Edmonds, Shade & Co., on Francis 165603; fourth, Haven, on Oua 3d 91818; fifth, Andras, on Viola 159742. The first two are an elegant pair, though Heliotrope is somewhat more refined and shows greater finish.

Heifer Two Years Old—First, Cargill & McMillan, on Miss Donald 17th 184573; second, Cargill & McMillan, on Golden Lassie 182126; third, Edmonds, Shade & Co., on Delight 3d 183991; fourth, Edmonds, Shade & Co., on Columbus' Lassie 2d 183986; fifth, Andras, on Faith 184686. The third and fourth choices in this class, while being of a good type by themselves, are a trifle too far from the ground and lacking in weight to make successful competitors for those above them.

Yearling Heifer—First, Cargill & McMillan, on Ethel 2d 203170; second, Cargill & McMillan, on Magnonette 209514; third, Edmonds, Shade & Co., on Lady Albany 207790; fourth, Cargill & McMillan, on Crocus 2d 203169; fifth, Andras, on Lady Improver 6th 202908. Ten heifers, among which were some of the very low-set, blocky kind, would have made this one of the most interesting classes of the Hereford display, but for the fact that three of the best were from one herd. Lady Albany secured third place for her trim, neat form and stronger lines.

Heifer Calf Under One Year—First, Cargill & McMillan, on Miss Filler 2d 230514; second, Hoxie, on Belle Perfection 235447; third, Cargill & McMillan, on Miss Filler 6th 239656; fourth, Cargill & McMillan, on Miss Filler 5th 230517. Another class of ten with a number of good show animals. Belle Perfection secured her place for her full, rounded-out form, much neater about the rump than any of her rivals.

Get of Sire—First, Hoxie, on get of Perfection; second, Cargill & McMillan, on get of Principles; third, Cargill & McMillan; fourth, Edmonds, Shade & Co.

Produce of Cow—First, second and third, Cargill & McMillan; fourth, Andras.

Herd—First and second, Cargill & McMillan; third, Edmonds, Shade & Co.; fourth, Andras.

Young Heifer—First, Cargill & McMillan; second, Hoxie; third, Andras; fourth, Edmonds, Shade & Co.

ABERDEEN-ANGUS.

This beef breed was well represented in point of excellence. However, in numbers there was a noticeable shortage over past years. The competition in past seasons partly accounts for this, yet it would seem to be the best in the end for the supporters of any breed to make the best display possible, regardless of losing premium money. It was an Iowa display, practically a change of venue for the winners at Des Moines the week before. No change of importance was made in decisions. The judging in the hands of Mr. Thos. Clark, of Beecher, Ill., was precisely done to the satisfaction of all. Those who showed are: W. A. McHenry, Denison, Iowa (3 head); A. C. Binnie, Alta, Iowa (11 head); W. J. Miller, Newton, Iowa (18 head); P. J. Donohue, Holbrook, Iowa (9 head).

AWARDS.

Aged Bulls—First, Binnie, on Jim Delancey; second, McHenry, on Baden Lad 61833.

Two-Year-Old Bull—First, Donohue, on Morning Star 75716; second, Miller, on McDonald's Lad 66952.

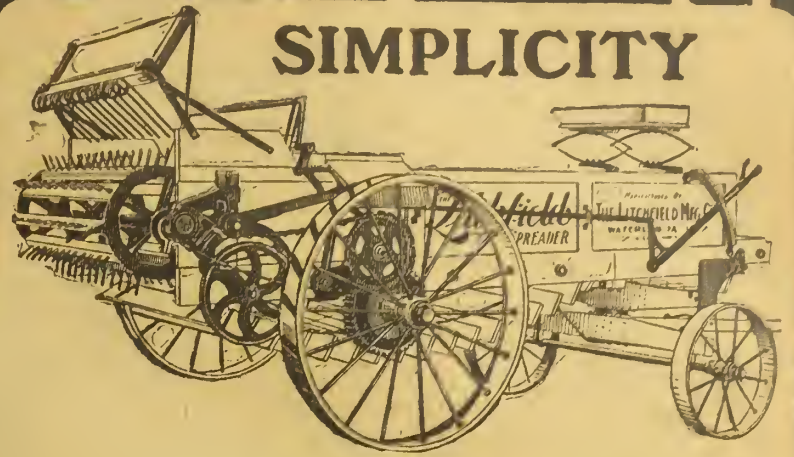
Yearling Bull—First, McHenry, on Star of Denison 82426; second, Donohue, on Glenfold Thickset 2d 83142; third, Binnie, on Elmer Lad.

Senior Bull Calf—First, McHenry, on Prince Pico 93306; second, Gelhack, on Badgerlawn Boy 94214.

Junior Bull Calf—First, Binnie; second, Miller, on Erica Prince M.

Aged Cow—First, Miller, on Snowflake of Kirkbridge 46016; second, McHenry, on Glenfold Rose 63489; third, Donohue, on Blackbird Favorite 2d 59234; fourth, Binnie, on Gussie of Kirkridge. The first choice in this class had the advantage in handling and had a great back, smooth covered and full at the crops. Some looked for a higher place for the third choice, she being a massive, blocky cow, but rather hard in her handling over the back and ribs, being a four-year-old last March.

Two-Year-Old Cows—First, McHenry, on Barbara McHenry 18th 71677; second, Donohue, on Pride of Clover Leaf 73969; third, Donohue, on Eileen Lass 73102. A close class,



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but a very attractive, symmetrical form in first choice won favor with the judge.

Yearling Heifer—First, Binnie, on Blackbird Lassie; second, McHenry, on Pride McHenry 45th 82421; third, McHenry, on Abhess McHenry 6th 82418. Fully an hour was spent in deciding this class of eight, as they were a plump, uniform lot of pretty heifer types. Blackbird Lassie has a most captivating expression and carries her head and ears in a way that appeals to the most critical. The rest of her is correspondingly doddie and she presents just about an ideal type. A lighter heifer of good style and conformation followed, while ordinary lines and plain hearing detracted from a vigorous, blocky heifer chosen for third place.

Senior Heifer Calf—First, Donohue, on Brookside Pride 5th 93258; second, Donohue, on Brookside Rose 2d 93255; third, Binnie, on Anna Lass; fourth, McHenry, on Abhess McHenry 7th 93307.

Junior Heifer Calf—First, Binnie, on Queen Lass; second, McHenry, on Blackbird McHenry 66th 93314; third, Miller, on Snowflake's Queen; fourth, Binnie, on Proud Lass.

Aged Heifer—First, Binnie; second, McHenry; third, Donohue; fourth, Miller.

Young Heifer—First, McHenry; second, Binnie; third, Donohue.

Get of One Sire—First, Binnie; second, Miller.

Produce of One Cow—First and second, McHenry; third, Miller.

Champion Bull—Binnie, on Jim Delancey.

Champion Cow—Miller, on Snowflake of Kirkridge.

Junior Champion Bull—McHenry, on Prince Pico.

Junior Champion Heifer—Binnie, on Blackbird Lassie.

RED POLLS.

The Red Polls came out in numbers and merit that was gratifying to those believing in a great future for this breed in the central West. In many of the animals shown there was noticeable a well-developed mammary system with a very smooth, trim form that would do well on the block. Quality is quite marked in this dual-purpose breed, much more so than in some others, yet there is danger that with too much refinement in size and hardness will come a loss of favor with the general farmer who feeds much rough foods. Geo. B. Buck & Co. secured championship on a cow unplacced at Des Moines. A. L. Haeker acted as judge. The exhibitors were: Geo. B. Buck & Co., Orion, Ill. (13 head); J. H. Aultfather, Austin, Minn. (9 head); G. W. Coleman, Webster City, Iowa (13 head); A. W. Dopke, Milwaukee, Wis. (10 head); W. S. Hill, Alexandria, S. Dak. (13 head).

AWARDS.

Aged Bull—First, Coleman, on Irwin 8253; second, Aultfather, on Mikado 1276; third, Buck & Co., on Money Maker 11944; fourth, Dopke, on Juno 10542.

Two-Year-Old Bull—First, Hill, on Protection 12095; second, Dopke, on Village Boy 12731.

Yearling Bull—First, Coleman, on Logan 13500; second, Coleman, on Durock 14573; third, Buck & Co., on Trouhle 13958; fourth, Coleman, on Royal 14575.

Bull Calf Under One Year—First, Hill, on Ivanhoe 14372; second, Coleman, on Leader, Vol. 19; third, Buck & Co., on Ramhler 14607; fourth, Hill, on Dale 14832.

Aged Cow—First, Buck & Co., on Eva 2d 16529; second, Aultfather, on Mollie 18690; third, Coleman, on Saucy 14234; fourth, Hill, on Daisy Princess 13369. This was a large class and the first choice was a cow of strictly dairy conformation. Mollie, a six-year-old, had a strong title to first, being much the better performer at the pail from outward indications. Her test was claimed to be five and six-tenths.

Two-Year-Old Cow—First, Dopke, on Dora 21080; second, Hill, on Nellie 21746; third, Aultfather, on Charmer 22586; fourth, Buck & Co., on Dewdrop 4th 22494.

Yearling Heifer—First, Hill, on Inez 23477; second, Coleman, on Wild Rose 2d 23519; third, Buck & Co., on Maud's Baby 24114; fourth, Dopke, on Miss Chadwick 23229.

Heifer Calf—First, Hill, on Rosabelle 24680; second, Coleman, on Dolly, Vol. 19; third, Hill, on Roberta 24681; fourth, Coleman, on Queen Maid 24969.

Aged Heifer—First, Coleman; second, Buck & Co.; third, Hill; fourth, Aultfather.

Young Heifer—First, Coleman; second, Hill; third, Buck & Co.; fourth, Dopke.

Get of One Sire—First, Coleman; second, Buck & Co.; third, Hill; fourth, Dopke.

Produce of One Cow—First, Hill; second, Buck & Co.; third, Coleman.

Champion Bull—Buck & Co.

Champion Cow—Buck & Co.

Champion Junior Bull—Coleman.

Champion Junior Heifer—Hill.

GALLOWAYS.

Less than three dozen head of animals made up the showing in the Galloway division. But among these were some choice



INTERIOR VIEW OF JUDGING PAVILION.

stock, equal to those in any of the beef breeds. The herd of C. E. Clarke was very uniform and of the type that is fast becoming popular among the admirers of the curly coats. In the young stock there were some very low, blocky calf forms that show a decided improvement over that shown only a few years back, and without doubt this hardy breed will increase in popularity with each coming show season. Those who had herds were: A. F. Craymer, Morris, Ill. (12 head); J. E. Bales & Son, Stockport, Iowa (11 head); C. E. Clarke, St. Cloud, Minn. (10 head).

AWARDS.

Aged Bull—First, Craymer, on Scottish Samson 23542.
Two-Year-Old Bull—First, Bales & Son, on Canty Lad 24714.
Yearling Bull—First, Clarke, on Prince of Meadow Lawn 26843; second, Craymer, on Protector of Rivers 27193.
Senior Bull Calf—First, Clarke, on Victor of Meadow Lawn 28746; second, Bales & Son, on Dorothea's Prince 28813; third, Bales & Son, on Bonnie McDougall 28812.
Junior Bull Calf—First, Clarke, on Meadow Lawn Meadlist 28750; second, Craymer, on Grandee of Rivers 28774; third, Craymer, on Milverton of Rivers 28773.
Aged Cow—First, Clarke, on Nora of Durham Hill 21203; second, Bales & Son, on Graceful 3d of Gallestown 19297; third, Craymer, on Princess Mabel 23484.
Two-Year-Old Cow—First, Clarke, on Soney of Meadow Lawn 24818; second, Craymer, on Prudie of Rivers 25413; third, Bales & Son, on Annie Davids 5th 26977.
Yearling Heifer—First, Clarke, on Sadie of Meadow Lawn 26834; second, Clarke, on Cora of Meadow Lawn 26833; third, Craymer, on Standard Pet 27190.
Senior Heifer Calf—First, Clarke, on Lady Belle 4th 28740; second, Bales & Son, on Annie Davids 6th 28780; third, Craymer, on Doretta of Rivers 28762.
Junior Heifer Calf—First, Clarke, on Lady Douglas 3d 28745; second, Bales & Son, on Princess Graceful 28781; third, Bales & Son, on Lady Graceful 28783.
Exhibitor's Herd—First, Clarke; second, Bales & Son; third, Craymer.
Young Herd—First, Clarke; second, Bales & Son; third, Craymer.
Get of Sire—First, Clarke; second, Bales & Son; third, Craymer.
Produce of Cow—First, Clarke; second, Bales & Son; third, Craymer.
Champion Bull—Bales & Son.
Champion Cow—Clarke.

JERSEYS.

The Jersey exhibit was practically a repetition of what had happened at Des Moines the week previous. Minnesota's representation was limited to two entries by F. H. Peavey, Estate. Next year the exhibit should be better patronized. The other breeders were Dixon & Deane, Brandon, Wis., and Hunter & Smith, Beatrice, Neb., who divided ribbons in about the same way as they had at the Iowa fair. Mr. A. L. Haecker, of Lincoln, Neb., made the awards and reversed the former decision in the young herd in favor of Dixon & Deane.

AWARDS.

Aged Bull—First, Hunter & Smith, on Em-anon (Imp.) 52299; second, Dixon & Deane, on Zelaya's Fancy Lad 65833.
Bull Two Years Old—First, Dixon & Deane, on Victoria Champion Lad 2d 71849.
Yearling Bull—First, Hunter & Smith, on Catillon's Bachelor 73605; second, Dixon & Deane, on Bugler's Golden Lad.
Senior Yearling—First, Hunter & Smith, on Guenon's Champion Lad 73607; second, F. H. Peavey, Estate, on Highcroft Harry; third, Dixon & Deane, on Sphinxetta's Golden Lad 73699.
Aged Cow—First, Hunter & Smith, on Jersey Dairy Maid 140946; second, Hunter & Smith, on Golden Pink's Pride 168502; third, Hunter & Smith, on Lily's Jubilee Pogis.



IN BUSINESS AT MINNESOTA FAIR.

124596; fourth, F. H. Peavey, Estate, on Wayside 10143.

Heifer Two Years Old—First, Dixon & Deane, on Beechfield's Francie 192138; second, Dixon & Deane, on Carl's Grand Mei 181337; third, Hunter & Smith, on Silver Stella 182973.

Heifer One Year Old—First, Dixon & Deane, on Bessie's Golden Lady 190874; second, Hunter & Smith, on Guenon's Ava Avawana 195989; third, Hunter & Smith, on Victoria's Golden Fairy 194605.

Senior Heifer Calf—First, Hunter & Smith, on Guenon's Victoria; second, Dixon & Deane, on Linda's Golden Lady 191916; third, Hunter & Smith, on Victoria's Fairy; fourth, Dixon & Deane, on Silver's Golden Lady.

Young Herd—First, Dixon & Deane; second, Hunter & Smith.

Get of One Sire—First, Hunter & Smith; second, Dixon & Deane.

Produce of One Cow—First, Dixon & Deane; second, Hunter & Smith.

Herd—First, Hunter & Smith; second, Dixon & Deane.

Champion Bull—Hunter & Smith, on Em-anon 52299.

GUERNSEYS.

Mr. A. L. Haecker, of the Nebraska Agricultural College, acted as judge of this breed, which was in the hands of two Wisconsin breeders, Mr. J. G. Hickox, of White Fish Bay, and Mr. M. D. Cunningham, of Kansasville. Of the twenty-five animals shown the latter named breeder had fourteen and secured the best ribbons. This breed has not yet worked far into the western states, but from the interest showed and character of animals displayed it is likely that new herds will be established ere long in the corn belt states.

AWARDS.

Bull Three Years Old—First, Cunningham, on Robeanas Standard 7254; second, Cunningham, on Sorograf 8674.

Bull Two Years Old—First, Hickox, on Yon Yonson 9735.

Yearling Bull—First, Cunningham, on Hat-tie's Binnie 10300; second, Hickox, on Glen-

wood Chief of Cloverbrook; third, Cunningham, on Fanny's Standard 10302.

Bull Under One Year—First, Cunningham, on Coliseum 10925; second, Cunningham, on Elkhorn 10664; third, Hickox.

Cow Three Years Old or Over—First, Cunningham, on Do Fess 11218; second, Hickox, on Belle of Galloway 11575; third, Cunningham, on Fess Leip 10621; fourth, Hickox, on Irwin 3d 16739.

Heifer Two Years or Over—First, Cunningham, on Fess Leip's Luna 17233; second, Cunningham, on Sabura 17332; third, Hickox, on Derline 20764.

Yearling Heifer—First, Cunningham, on Queen Sanative 18574; second, Hickox, on Belle of Cloverbrook 20794; third, Cunningham, on Fess Do's Nymph 18573.

Heifer Calf Under One Year—First, Hickox; second, Cunningham, on Queen Dorando 19845; third, Hickox.

Young Herd—First, Cunningham.

Get of Sire—First, Cunningham; second, Hickox.

Produce of Cow—First, Cunningham; second, Hickox.

Herd—First, Cunningham; second, Hickox.

Champion Male—Cunningham.

Champion Female—Cunningham.

Junior Champion Male—Cunningham.

Junior Champion Female—Cunningham.

HOLSTEIN FRIESIANS.

Prof. A. L. Haecker, of Lincoln, Neb., made the awards for this breed. From Iowa came McKay Bros., Buckingham, with fifteen head, and W. B. Barney & Co., Hampton, with twelve head. Minnesota carried away a few good ribbons with the noted herd of John B. Irwin, of Minneapolis. Competition was much less active than it would have been had Kaan Jewell of Wood Lake 28725, the noted winner of past years, not been barred from the contest as the rules of the fair association require. McKay Bros. did better than at Des Moines and took first in the two aged classes, also the championship on male and female.

AWARDS.

Aged Bull—First, McKay Bros., on Alcarta Polkadot Corrector 30624; second, Barney & Co., on Prince Leila DeKol 29358; third, Geo. H. Comings.

Yearling Bull—First, Barney & Co., on Captain Wayne 40453; second, Irwin, on Sir Korndyke Henry DeKol 41266; third, Irwin, on Sir Jewel Parthena Doede 38639.

Bull Calf Under One Year—First, Irwin; second, McKay Bros., on Paul Pietertje Ah-bekirk 42490; third, Irwin.

Aged Cow—First, McKay Bros., on Inka Tritonia 38847; second, Barney & Co., on Parthena Hengerveld 46004; third, Irwin.

Heifer Two Years Old—First, McKay Bros., on Lady Arcula 71323; second, Irwin, on Virgo Beauty Canary 73077; third, Barney & Co., on Gerben Empress of Home Farm 3d 71978.

Yearling Heifer—First, Barney & Co., on Empress Gerben of Home Farm 3d 79243; second, Irwin, on Inka Mercedes Canary 78234; third, McKay Bros., on Leda Duchess Fohes 83900.

Heifer Calf—First and second, Irwin; third, McKay Bros., on Thicket 3d 81288.

Young Herd—First, Barney & Co.; second, Irwin; third, McKay Bros.

Get of One Sire—First, Irwin; second, Barney & Co.; third, McKay Bros.

Champion Male—McKay Bros.

Champion Female—McKay Bros.

Junior Champion Male—Barney & Co.

Junior Champion Female—Barney & Co.

BROWN SWISS.

The exhibit of this breed was confined to the herd of H. W. Ayres, Honey Creek, Wisconsin. Fourteen animals comprised the total of his herd, which attracted much attention from many who were not familiar with this dual-purpose breed of cattle, as well as those interested in their future. The herd bull, Richard Esmond 1342, is a large, angular animal, weighing 1,900 pounds, while the cows showed indications of being heavy milkers and able to use large quantities of coarse forage. This herd was not as smooth in form as some, as Mr. Ayres seeks a strong dairy conformation in his stock. As there was no competing herd, the awards were made as shown in the catalog.

HORSES.

PERCHERONS.

As a whole the Percheron display was undoubtedly the best ever seen at the Minnesota State Fair. Classes in both females and stallions were well patronized with entries, and Professor Humphrey found it a difficult task to place the winners, especially in the two aged stallion classes, on which Wednes-

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day forenoon was solely spent. If any one individual was of outstanding merit it was Olbert, the last year's winner, now owned by H. G. McMillan, Rock Rapids, Iowa. The quartet of mares shown by the same breeder are generally considered the best ever seen on the Hamline grounds, and will attract much attention before the season closes. Burgess and Lukyn made a spectacular display with five recently imported stallions in the group class that were as nearly faultless as are found. Despite the fact that other draft breeds are seeking notice, breeders of the Percheron can feel assured that good representatives will always be recognized. The type that is popular in the central West on farms and in cities is not the extreme heavy horse, but a clean-limbed, active animal of medium weight. By far, the horse exhibit was the most popular with the onlookers and showy actors brought forth applause that indicated a proper appreciation of good equines. The list of exhibitors follows: H. A. Briggs, Elkhorn, Wis. (7 head); McLaughlin Bros., St. Paul, Minn. (16 head); L. W. Cochran, Crawfordville, Ind. (14 head); H. G. McMillan, Rock Rapids, Iowa (16 head); Burgess & Lukyn, Mankato, Minn. (7 head); Finch Bros., Verona, Ill. (6 head); Crandall & Danforth.

Aged Stallion—First, McMillan, on Olbert 42815; second, McLaughlin Bros., on Ristori 40657; third, H. A. Briggs, on Taupin 55341; fourth, McLaughlin Bros., on Mulzie; fifth, T. L. & J. L. Le Lancy. Twelve stallions competed in this ring for the five moneys and a difficult task they made for the judge. For some time it looked as if the great horse, Olbert, would be left at second place; however, his type was a bit higher, more stretchy than those about him, and his good size, combined with lots of quality and magnificent character won him his place. Each of the five were notable for good points and strong, straight underpinning was the rule.

Three Year Old—First, McLaughlin Bros., on Mouton 41202; second, McLaughlin Bros., on Distrat 41288; third, Briggs, on Siphon 57800; fourth, McLaughlin Bros., on Commissaire. This class brought out another good bunch with the exception of a few out of the nine that were too far from the ground and round in canon.

Two-Year-Old Stallion—First, Burgess & Lukyn, on Sultan; second, McLaughlin Bros., on Yousouf 41303; third, Briggs, on Blason 63550; fourth, McLaughlin Bros., on Esplegle 41302; fifth, Briggs, on Roitelet 64220. This was the largest class shown and Sultan won out in strong competition.

Yearling Stallion—First, Cochran, on MacDuff 45562; second, McMillan, on Diaz 45550; third, McLaughlin Bros., on Vapoureux 41343; fourth, Cochran, on Amerigo 45571. Cochran's MacDuff had some the advantage for his greater weight and maturity, being more showy than some of his class.

Aged Mare With Suckling Foal—First, Crandall & Danforth, on Peerless Baby 23819; second, Crandall & Danforth, on St. Elmo 32705.

Aged Mare—First, McMillan, on Iolanthe 40925; second, Crandall & Danforth, on Jeanne 40335; third, Briggs, on Bolime 58538; fourth, Cochran, on Lady of Quality 45560. Iolanthe is a 1,800-pound, active mare, somewhat closer coupled than her nearest rival, but too round in the cannons, which was a general criticism of the class.

Two-Year-Old Mare—First, McMillan, on Adrienne 45555; second, McMillan, on Rosamond 45547; third, Crandall & Danforth, on Trudie 41741; fourth, Cochran, on Arhella 45565.

Yearling Mare—First, Cochran, on Sweet Violet 45568; second, McMillan, on Lucia 45551; third, McMillan, on Columbine 45557; fourth, Cochran, on Sweet Marie 45566.

Sweepstakes Stallion, Any Age—McMillan, on Olbert.

Sweepstakes Mare or Filly—McMillan, on Iolanthe. The Percheron Society of America offered gold medals to recorded animals. Awards are as follows:

Champion Stallion—Cochran, on MacDuff. Champion Mare—McMillan, on Iolanthe. Best Five Stallions—This was won by a recent importation of Burgess & Lukyn and drew admiration from all. There was not a speck on them and an even, cleaner bunch is seldom gathered together.

Best Three Mares—McMillan, on three extra good ones. Champion Group of American Bred Ani-

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males—First, McMillan; second, Cochran. The quality shown in these two latter groups speaks well for home bred animals. Much of the importance of the word "imported" would be lost with buyers of stallions could stock of this character be more commonly seen.

BELGIANS.

The show of Belgian horses brought out some exceptionally good stallions. There were only four classes in all, but to offset this, the number that competed for honors was a goodly one and required much careful effort on the part of Professor Humphrey to make the awards. From the array of animals shown, it begins to appear as if some of the better members of this breed were being introduced into the western country. While there were some stallions with the coarse, meaty bone and puffy backs, they were the exception. Good actors were not uncommon, either, and made the showing quite satisfactory. The display was composed for the most part of stallions, many of which were being sold at good prices. Those who showed were McLaughlin Bros., St. Paul, Minn. (4 head); T. L. & J. L. De Lancey, Northfield, Minn. (9 head); Finch Bros., Verona, Ill. (5 head); H. A. Briggs, Elkhorn, Wis. (5 head); Burgess & Lukyn, Mankato, Ill. (4 head).

Stallion Four Years or Over—First, H. A. Briggs; second, McLaughlin Bros., on Forten de Smeerhebbe 2212; third, Finch Bros., on Frazier; fourth, McLaughlin Bros., on Limier 1833; fifth, H. A. Briggs. Second choice in this class was first at Des Moines. In this ring he was placed below a stallion not as stylish, but with more substance and stronger, flatter bone.

Stallion Three Years Old—First and second, Briggs; third, Finch Bros., on Mephisto; fourth, McLaughlin Bros., on Vincinal de Connin 2215.

Mare Two Years Old—First, Finch Bros., on Pistache d'Alvoux.

Sweepstakes Mare—Finch Bros., on Pistache d'Alvoux.

Stallion Two Years Old—First, Burgess & Lukyn; second, DeCler; third, H. A. Briggs. Sweepstakes Stallion—Briggs.

ENGLISH SIRE.

Twenty-one representatives of this draft breed made the total showing, which consisted for the greater part of mature stock for breeding. It was generally considered a fair display of quality and size, although there were some crooked hocks and meaty cannons present. Classes were not large enough to take the three moneys after the two aged rings, where the most competition was in evidence. Professor Humphrey, of Madison, Wis., judged the classes. The list of exhibitors are: L. W. Cochran, Crawfordville, Ind. (4 head); Burgess & Lukyn, Mankato, Ill. (5 head); Finch Bros., Verona, Ill. (12 head).

AWARDS.

Stallion Four Years or Over—First, Burgess & Lukyn, on Delaneter Rectar; second, Burgess & Lukyn, on Hessary Conqueror; third, Burgess & Lukyn, on Northdown Conqueror; fourth, Finch Bros., on Stentney Bouncer.

Stallion Three Years Old—First, Finch Bros., on Barnfield's Offhorse; second, Burgess & Lukyn, on Medford Tom.

Stallion Two Years Old—First, L. W. Cochran, on John D. 8421; second, Finch Bros., on Finch's Justice; third, Finch Bros., on Sir Albert; fourth, Finch Bros., on Verona Bouncer.

Stallion, Foal of 1906—First, Cochran, on Zero 8432; second, Finch Bros., on Champion.

Mare Three Years Old—First, Cochran, on Bay Girl.

Mare Two Years Old and Under Three—First, Cochran, on Favorita 8419.

Mare One Year and Under Two—First, Cochran, on Minnehaha 8422; second, Finch Bros., on Verona Belle.

Champion Stallion—Finch Bros., on Barnfield's Offhorse.

Champion Mare—Finch Bros., on Mohamet Belle.

CLYDESDALES.

Prof. G. C. Humphrey, of Madison, Wis., placed the ribbons on this breed in a comparatively short time. C. E. Clarke, of St. Cloud, Minn., was the only exhibitor and his animals in general were of good character; useful stock of durable bone and desirable weight. Mr. Clarke could have held his own against strong competition.

SWINE.

The hog show at Minnesota State Fair exceeded the expectations of the management, as well as exhibitors. An increase of 30 per cent in numbers over the show of 1905 brings

it very close to the front in this particular department. Nine hundred and twenty-six representatives of the various breeds filled the pens to overflowing and the management found it necessary to build extra sheds to accommodate the exhibitors. These temporary sheds were erected just below the hog barn. These were chiefly used for Duroc Jerseys and Tamworths, besides a few Poland Chinas. The management regret very much the lack of space in the large barn and purpose making additions before another fair, that every exhibitor may have a favorable location. Exhibitors from two states more than ever appeared before brought out creditable herds, and their assistance in making the hog department a grand success was highly appreciated by the management. Herds in their respective classes were larger and better fitted, and with hardly a single exception combined quality with modern type. The hog raisers of Minnesota are up to date, and even in classes where competition was not large, the present-day type was exhibited. The breeds were arranged in sections and Prof. D. Gaumnitz, of the agricultural college, gave the matter his personal attention and to him the growing success of the show is largely due. During the five years of his management the show has tripled itself until circumstances demand that larger and better accommodation be provided. The absence of disease was especially significant. The management had made provision for this by having everything carefully disinfected before the show, and a sprinkler was passed up and down through the divisions and passages many times a day throughout the entire week. The individual exhibitor was carefully looked after and all possible conveniences arranged. A half dozen breeds from as many different states were represented this year, as follows: Yorkshires, 43; Tamworths, 36; Chester Whites, 111; Duroc Jerseys, 213; Poland Chinas, 396; total, 926.

DUROC JERSEYS.

This breed attracted much attention, and more enthusiasm was manifested at the ring-side, especially in aged classes and for championship. The classes were well filled with typical and modern animals. More Durocs appeared than was expected, almost every exhibitor having something for each class. There were 211 head exhibited, leaving out all small litters. The classes were strong in every particular, and Judge L. H. Roberts had a difficult task cut for him, but he proved himself to be an artist as a Duroc judge. Many sales were made the first three days of the show and good prices were realized. Choice animals came from Iowa, shipped direct from the Des Moines fair, others from Illinois and Wisconsin. The greater part were Minnesota breeders, these winning a good share of the best prizes. The Durocs throughout were strong in the back with the exception of a few young boars. In aged boar class the judge had three to select from eight; first went to Wm. Malcolm on Dale 35169, by Anon Prophet, and out of Lady Rickey, but when it came to championship, Iowa Notcher 37345, owned by Easton Bros., won the laurel. This is an exceptional boar, winning first at Des Moines. First in aged class and champion sow at Des Moines obtained the same honors at Hamline, Royal Blossom 5th, by American Royal 15453, and out of Violet Blossom 51236, bred and owned by Edmunds, Shade & Co. In yearling sow class Edmunds, Shade & Co. also won 1st on Lady Shadeland, sire Winged Boy 43607, and out of Shadeland Queen 109024. Young sow classes were well filled; many of these promise fair to appear next year. They were an exceptionally fine lot from which a brood sow could be selected. Best sow and litter of any land type, Darling 11 and litter, sire Malcolm Model 13879, dam Darling. This Duroc Jersey also won first as dam of largest number of best pigs of any breed or type. Herd prizes went, first Edmunds, Shade & Co.; second, Easton Bros. Easton Bros. won first on young herd. Champion boar, won by Malcolm, on Dale 35169. Sow any age, Edmunds, Shade & Co. on Royal Blossom 5th. The following were the exhibitors: T. E. Bly, Brewster, Minn.; Reed, Wright & Co., Whitewater, Wis.; Harmon Gruver, Brewster, Minn.; Wm. Malcolm, Bigelow, Minn.; Edmunds, Shade & Co., Kiugley, Iowa; J. E. Wehr, Portsmouth, Iowa; Riel & Cooper, Ferris, Ill.; P. B. Lake, Moscow, Ill. Messrs. D. J. Pollock, Thayer, Iowa, and F. Fowler & Son, Meulo, Iowa, made entries, but failed to appear. Judge L. H. Roberts, of Paton, Iowa, made awards as follows:

AWARDS.

Aged Boar—First, Malcolm, on Dale 35169, sire, Arion Prophet, dam Lady Rickey; second, Reed, Wright & Co., on Perfection Chief; third, Gruver, on Gruver's Orion, sire Ordway 9845, dam L. Z. 24145.

Boar One Year and Under Two—First, Easton Bros., on Iowa Notcher 37345, sire Ohio Notcher 28777, dam, Lucy Advance 57546; second, Reid, on Sensation Prince; third, Edmunds, Shade & Co., on American Royal Jr., sire American Royal 15453, dam Grove Belle 51252.

Boar, Six Months and Under One Year—First, Wehr; second, Edmunds, Shade & Co., sire by American Royal 15443, dam Albia 51242; third, Bly.

Boar Under Six Months—First, Reed, Wright & Co.; second, Reed; third, Bly.

Brood Sow, Two Years and Over—First, Edmunds, Shade & Co., on Royal Blossom 5th, sire American Royal 15453, dam Violet Blossom 51236; second, Sunshine Lena 94108, sire by Carrol Jumbo 18873, dam Lena 28814.

Breeding Sow, One Year and Under Two—First, Edmunds, Shade & Co., on Lady Shadeland, sire Winged Boy 43607, dam Shadeland Queen 109024; second, Reed, Whitewater, Wis., on Dorris Maid; third, Easton Bros., on Moss Rose 124048, sire Iowa Banker 29077, dam Rose Advance 70740.

Sow, Six Months and Under One Year—First, Reil & Cooper; second, Edmunds, Shade & Co.; third, Malcolm.

Sow, Under Six Months—First, Reil & Cooper; second, Reed; third, Malcolm.

Herd—First, Edmunds, Shade & Co., headed by American Royal Jr., Royal Blossom 5th, Belle Royal and Lady Shadeland; second, Easton Bros., headed by Iowa Notcher 37345, with Sunshine Lefa, Galva Lena & Moss Rose.

Young Herd—First, Easton Bros.; second, Reed; third, Reil & Cooper.

Boar, Any Age—Malcolm, on Dale 35169, sire Arion Prophet, dam Lady Rickey.

Sow, Any Age—Edmunds, Shade & Co., on



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In other words I can save you \$70.00 on a spreader of a fifty bushel capacity. You would tie nearly that amount up in a spreader truck, useless eleven months in the year, if you bought the ordinary high priced spreader.

A feature of the Galloway Spreader, as important as its simplicity and low price, is its light draft. Just two horses needed to haul it.

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Just cut out this ad and send it to me with your name and address written on it plainly and I will send you my Spreader booklet by return mail—free, or a letter or postal will bring it.

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We positively guarantee them to handle any kind of manure.

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William Galloway, Builder of the Only Wagon Box Spreader called the "Galloway."

Royal Blossom 5th, sire American Royal 15453, dam Violet Blossom 51236.

BERKSHIRES.

The Berkshire exhibit at the Minnesota State Fair was a creditable one, although taking a third place in point of numbers. The quality of the exhibit brought it almost to the level with the Durocs and Poland Chinas. The sow classes were especially strong and with the exception of a few boars a little off type, the exhibit was indeed high class. W. D. Becker, Ft. Atkinson, Minn., and C. D. Johnson, Nashville, Iowa, came direct from Des Moines, winning a good share of the awards there, as well as at Hamline. Prof. J. J. Ferguson acted as judge and his efforts were well received. He naturally leans toward the bacon type of hog, but thoroughly appreciates the typical Berkshire characteristics as indicated by his awards. As with the Poland Chinas, the classes under one year had many entries. Classes over one year, both in boars and sows, were well filled. The absence of objectionable white markings was especially noticeable. Sales were good and prices realized were from 30 to 50 per cent above prices paid last year. Minnesota fair is doing good work in scattering good Berkshire blood throughout the state. The management was especially gratified in this particular, and have hopes that an annual sale may be conducted in connection with the show, similar to the annual cattle sale. In aged boars Colonel Lee 67899 won the blue, sire by Baron Lee 8th 48160 and out of Princess Belle 47778, owned by W. D. Becker. This hog was also first at Des Moines. He stands well on his legs, although they carry a tremendous weight. F. V. Briggs & Son won second on Premier Victor IV, 75504 by Premier Longfellow 2d 69000 and out of Queen Vic 21st. Becker also won first on yearling boar on King Durban 85221 by Durbin of Duchess and out of Sarah I. 55388. Some exception was taken to this decision by those less critical than the judge. Third went to Kelly, on Baron Pointer 4th, whose chief defect is a plain bead. Professor Ferguson wants them with good legs and good heads. Boars winning six months and under one year class were all sired by Merger Star 78435, owned by C. D. Johnson. The exhibitors were W. D. Becker, Ft. Atkinson, Wis.; C. D. Johnson, Nashville, Iowa; F. V. Briggs & Son, Stillwater, Minn.; Arthur Cooper, St. Cloud, Minn.; B. A. Imholt, Houlton, Wis.; G. E. Kelly, Mineral Point, Wis.; C. H. Murphy, Caledonia, Minn.; L. P. Martiny, Chippewa Falls, Wis.; G. F. Poor, Hastings, Minn.; The Farmer Farm, Farmington, Minn.; W. J. Martin, Darlington, Wis. Awards as follows:

AWARDS.

Aged Boar—First, Becker, on Colonel Lee 67899, sire Baron Lee 8th 48160, dam Princess Belle 47788; second, Briggs, on Premier Victor 4th 75504, sire Premier Longfellow 2d 69000, dam Queen Vic 21st.

Boar, One Year and Under Two—First,

Becker, on King Durbin 85221, sire Durbin of Duchess, dam Sarah I. 55388; second, Johnson, on King Starlight 86876, sire General Starlight 64940, dam Starlight Best 67371; third, Kelly, on Baron Pointer 4th, sire Baron Pointer 2d 84861, dam Pointer's Beauty 5th.

Boar Six Months and Under One Year—First, second and third, Johnson, on pigs by Merger Star 78435.

Boar Under Six Months—First, Farmer Farm; second, Martiny; third, Imholt.

Aged Breeding Sow—First, Johnson, on Lady Vick 15th 93431, sire Logan 3d 63607, dam Lady Vick III. 71331; second, Becker, on Belle E. 85220, sire Colonel Lee 67899, dam Oakland Belle 8th; third, Briggs, on Conqueror 1st, sire Conqueror 63378, dam Beulah 54865.

Breeding Sow One Year Old—First and second, Johnson, on Lady Vick 18th 93434 and Lady Vick 19th 93435, sire Merger Star 78435, dam Lady Vick 5th; third, Johnson.

Sow Six Months and Under One Year—First and second, Johnson, on sows by Merger Star 78435; third, Becker, on Belle B. 2d 93432, sire Colonel Lee 67899, dam Baron Duchess 10th 67968.

Sow Under Six Months—First, Farmer Farm; second, Kelly; third, Imholt.

Herd—First, Johnson, on herd headed by King Starlight 186876; second, Becker, on herd headed by Colonel Lee 67899; third, Briggs, on herd headed by Premier Victor 4th 75504.

Young Herd—First, Johnson; second, Farmer Farm; third, Becker.

Boar Any Age—First, Becker, on King Durbin 85221.

Sow Any Age—First, Johnson, on Lady Vick 15th 93431.

POLAND CHINAS.

Poland Chinas, as usual, out-numbered any other breed at Minnesota State Fair and never was there such uniform and high-class animals exhibited. L. H. Roberts, of Paton, Iowa, placed the awards and universal satisfaction was expressed. Some criticism regarding his type was heard, but this was not in the nature of a complaint. The animals in most cases were well fitted and each exhibitor coming out with the hogs he had entered, filling up the classes. There was entirely too many good ones for all of special merit to get a place, and for this reason those not well fitted had little opportunity to get inside the awards. In aged boars Henry Bros., of LeMars, Iowa, won the blue on Matchless Junior 109999, a boar of exceptional quality and smooth finish. Second fell to Pete Holm, sire by Jim's Perfection 73569 and out of Ida 2d 1963541, owned by L. Lam-berson, Warren, Minn. First on yearling boar went to Perfection 2d, owned by Jno. Francis & Sons, of New Lenox, Ill., and bred by Mr. Brumback, of Cissua Park, Ill. The two classes included under boars under one year old had ninety-two entries. Some of these, however, failed to appear. Eight aged sows came in together. Here the moth-



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erly, useful types were found. The best award fell to Jno. Francis & Sons, on Cor-rector Perfection 250474. This sow also won sweepstakes here, as well as at Des Moines. Second award went to G. W. Wheeler, of Man-torville, Minn., on Best Perfection, sire Prince Perfection 623403 and out of Tecum-seh's Best 3d 196188. A yearling sow owned by Francis & Sons, F's Lady J. 6th 282520, won first, Wheeler winning second on Tecum-seh Girl 279106, sire Thickset Jr. 91839 and out of Tecumseh's Best 2d 174924. Classes comprising sows under one year had many entries, most of which appeared. G. W. Wheeler won first on aged herd, headed by Big Boned Victor 106617; second to Henry Bros., headed by Matchless Jr. Exhibitors: J. H. Aultfather, Austin, Minn.; C. F. Gum-mert, Renville, Minn.; L. P. Martiny, Chip-pewa Falls, Wis.; C. H. Murphy, Caledonia, Minn.; W. J. Brend, New Richmond, Wis.; Henry Bros., LeMars, Iowa; Geo. Martin, Darlington, Wis.; L. Lamberson, Warren, Minn.; O. F. Jones & Co., Madison, S. D.; E. J. Cowles, West Concord, Minn.; J. F. Stahlnecker, Darlington, Wis.; W. A. Hard-ing, Winnepago, Minn.; G. J. Trister, Rush-ford, Minn.; Jno. Francis & Sons, New Len-ox, Ill.; C. F. Johnson, North Branch, Minn. The complete awards were as follows:

AWARDS.

Aged Boar—First, Henry Bros., on Match-less Jr.; second, Lamberson, on Pete Holm; third, Martin, on Prince 87445.
Boar One Year Old—First, Francis & Sons, on Perfection Hart 2d; second, Wheeler, on Big Boned Victor 106617; third, Martin, on Prince.
Boar Six Months and Under One Year—First, Francis & Sons, on Chicago Boy; sec-ond, Francis & Sons, on Hummer; third, Henry Bros., on Matchless 3d.
Boar Under Six Months—First, Ferguson; second, Reed; third, Martin.
Aged Sow—First, Francis & Sons, on Cor-rector Perfection 150474; second, Wheeler, on Best Perfection; third, Bauer.
Yearling Sow—First, Francis & Sons, on F's Lady J. 6th 282520; second, Wheeler, on Tecumseh Girl 279106; third, Cowles, on Em-ma Jones 279908.
Sow Six Months and Under One Year—First, Henry Bros.; second, Martin; third, Bernd.
Sow Under Six Months—First, Wheeler; second, Ferguson; third, Cowles.
Aged Herd—First, Wheeler, on herd headed by Big Boned Victor 106617; second, Henry Bros., on herd headed by Matchless Jr.; third, Francis & Sons.
Young Herd—First, Francis & Sons, on herd headed by Hummer; second, Henry Bros., on herd headed by Matchless Boy; third, Martiny.
Boar Any Age—Francis & Sons, on Perfec-tion Hart 2d.
Sow Any Age—Francis & Sons, on Correc-tor Perfection 250474.

CHESTER WHITES.

This exhibit was larger than ever before, and the best showing this breed has ever made at Hamline. Owing to a lack of space this breed as well as the Durocs were placed in a temporary shed outside the main hog barn. The exhibitors: V. A. Ranck, Niota, Minn. (8 head); W. J. Martin, Darlington, Wis. (16 head); Humbert & White, Nashua, Iowa (25 head); C. H. Murphy, Caledonia, Minn. (8 head); Fred Luchsinger, Jr., New-ports, Minn. (17 head); P. B. Lake, Musca-tine, Iowa (30 head); W. J. Kelly, Edmund, Wis. (8 head). Many of these animals de-scended from noted herds, were well fitted and in classes competition was very keen. This is the only breed in which it may be said that one exhibitor captured the ma-jority of awards in strong competition. S. H. Roberts awarded the prizes, expressing his appreciation of the Chester exhibit. Some of these herds came direct from Des Moines. Humbert & White won nine firsts out of sixteen, and three sweepstakes out of four at that fair, also winning a good share here. The noted herd belonging to C. H. Murphy that won distinction at Portland, Ore., Exposition, 1905, at that time headed by the noted boar, White Chief 14962, were less fortunate here, yet exhibiting some typ-ical individuals worthy of a premium, though outclassed in most cases. Every exhibitor came prepared for good competition, though lack of fitting was noticeable in a few cases.

AWARDS.

The awards are as follows:
Aged Boar—First, Humbert & White, on Joker 112391, sire Combination 12313, dam Idealia 17608; second, Humbert & White; third, Martin, on Nogi 10863.
Boar One Year Old—First, Humbert & White, on Humbert's Choice; second, Luch-singer, Jr., on Star Boy 15933, sire Rough Rider, dam Maud 30298; third, Ranck, on Cap. M. 12641.
Boar Six Months and Under One Year—First, Humbert & White, on Modeller 13235, sire Nashua Boy 12563, dam Mae 17568; sec-ond, Lake; third, Humbert & White.
Boar Under Six Months—First and sec-ond, Humbert & White, on pig by Joker 112391; third, Luchsinger, Jr.
Aged Sow—First, Humbert & White, on Sweet Marie 19300, sire Combination 12313, dam

Belle IV. 17576; second and third, Humbert & White.
Sow One Year and Under Two—First, sec-ond and third, Humbert & White.
Sow Six Months and Under One Year—First, Humbert & White; second and third, Lake.
Sow Under Six Months—First and second, Humbert & White, on pig by Joker 112391.
Herd—First, Humbert & White, headed by Joker 112391; second, Humbert & White, headed by Humbert's Choice; third, Luch-singer, Jr., headed by Star Boy 15933.
Young Herd—First and third, Humbert & White; second, Lake.
Boar, Any Age—Humbert & White, on Joker 112391.
Sow, Any Age—Humbert & White, not named, by Combination 12313.

YORKSHIRES.

This large, growthy bacon type was well represented, not in point of number, but in quality of the animals exhibited. The en-tire lot numbered forty-three head, and only three exhibitors, both breeders in Minne-sota—Thos. Canfield, Lake Park (27 head); G. A. Forgeron, Rosemont (7 head); D. H. Poor, Hastings (9 head). Mr. Canfield's herd is worthy of special note. This herd ex-hibited at Des Moines and obtained there every first place where entry was made ex-cept two. It is a matter of regret that greater competition was not available at Minnesota State Fair, as Mr. Canfield came prepared for it. His animals are exception-ally well bred and combine uniformity in type with good fitting. His aged boar, Sum-mer Hill Perfection 4751, now at head of herd, bred by D. C. Platt & Son, Canada, was junior champion and grand champion at St. Louis. Mr. Canfield won champion-ship on exhibit of seven head of any breed owned and bred in Minnesota in 1905 and 1906. Summer Hill Topsy 5th 5396, which won second place in class, is litter sister to the grand champion sow at St. Louis. Other herds exhibited were good individual-ly, though lacking condition and modern type in some individuals. Prof. J. J. Fer-guson acted as judge and awarded as fol-lows: Mr. Canfield's winnings were first on aged boar; first on boar one year and un-der two; first on boar six months and un-der one year; first, second and third on boar under six months; first and second on aged sow; first and second on sow one year and under two; first, second and third on sow six months and under one year; first, sec-ond and third on sow under six months; first on herd; first, second and third on young herd; champion boar any age; cham-pion sow any age, and second, third and fourth on best pen of bacon hogs. Mr. G. A. Forgeron won second on aged boar, and second on boar one year and under two. Mr. D. H. Poor won first on best pen of bacon hogs.

TAMWORTHS.

Tamworths exhibited at Minnesota State Fair while in number the smallest, only thirty-six head, yet embraced some excellent bacon types. The exhibitors: A. N. Kelly, Mineral Point, Wis., and Frank Thornber, Carthage, Ill., the latter coming direct from Des Moines and capturing a large share of firsts there. Prof. J. J. Ferguson, in pass-ing judgment on these judged them strictly from a bacon type standpoint and made spe-cial mention, calling attention of the specia-tors to Carthage Maid 2778, owned by Mr. exhibitors, Thornber winning championship side, judging from the packer's standpoint. The awards were divided between the two exhibitors, Thornber winning championship on both male and female, and a majority of other firsts.

SHEEP.

The show of sheep at the Minnesota State Fair was one that its management has reason to be proud of, judging from the number of entries made, the quality of the exhibits shown and the liberal premiums offered. The importance of this feature of the Minnesota State Fair is highly appreciated, and under the present management undoubtedly larger barns will be necessary to accommodate the next exhibit. Every pen was filled and in many cases the pens were crowded. The whole fair was a spectacular educator and a mind improver and those who came ex-pecting to see a better exhibit of sheep than ever before at this state fair were not dis-appointed. Exhibitors were ready and armed to the teeth. In most cases competition was



the keenest, many royal winners again com-peting after a fight the previous week at Des Moines, Iowa, American-bred as well as im-portered appearing in their show-yard apparel. Those just from the Royal in most cases capture the best of the premiums, yet occa-sionally one could be found capturing a con-spicuous place there, placed fourth or even down and out. This was especially true with the Shropshires. The majority of exhibitors were Minnesota and Wisconsin breeders, yet some coming from Iowa, Illinois, South Da-kota and Indiana. A few entries failed to make their appearance, yet the disappoint-ments were very few. Before decisions were rendered almost every exhibitor felt hopeful of capturing his share of the premiums, but of course some were disappointed. Those who failed to do so took things philosophically by considering their efforts not entirely with-out results, as many sales were made and new acquaintances formed, besides each ob-taining from the other new and better ideas. The judges had no easy task in selecting the winners from the various classes. So close in many instances were the contestants in merit quite often judgment simmered down to a very critical point. In most cases judgment was satisfactory, yet here and there a re-porter would have poured into his ears the wrongs of the present methods of exhibiting, suggesting at times a partially shown in favor of some exhibitor.

COTSWOLDS.

The best types of this long-wooled breed ever exhibited in Minnesota were shown in open competition at Minnesota State Fair. The famous breeders, Lewis Bros., of Camp Point, Ill., were present and exhibited their usual heavy-bodied, deep-bodied types num-bering twelve head, winning first honors in aged class with a ram that was champion and grand champion at St. Louis Expo-sition. This ram has proven a noted sire and has been retained in their flock for this purpose; also an aged ewe winning champion and grand champion at St. Louis was placed second. This flock won eight firsts out of a possible fifteen at St. Louis. F. W. Harding, of Waukesha, Wis., exhibited twelve newly-imported sheep. These noted flocks coming together made strong competition and being the only exhibitors, and both well prepared, the absence of unfitted animals was always conspicuous in this ring. Judge W. A. Weaver, of Canton, Ill., officiated and in almost every class decision was only rendered after much careful handling. The points of decision were often critical. The amount of flesh carried by the two flocks did not vary much. Lewis Bros.' flock had a little more condition than the Harding flock. Either flock was nicely fitted and could easily have carried considerable more flesh. Lewis Bros. and F. H. Harding showed at Des Moines, and go from here to Milwaukee, Wis. The awards follow:

AWARDS.

Aged Ram—First, Lewis Bros.; second and third, F. W. Harding.

Ram One Year Old—First, Harding; sec-ond, Lewis Bros.; third, Harding.
Ram Lamb—First, Lewis Bros.; second, Harding; third, Lewis Bros.
Aged Ewe—First, Harding; second and third, Lewis Bros.
Ewe One Year Old—First, Lewis Bros.; second, Harding; third, Lewis Bros.
Ewe Lamb—First and second, Harding; third, Lewis Bros.
Flock—First, Harding; second, Lewis Bros.
Sweepstakes Ram Any Age—Lewis Bros.
Sweepstakes Ewe Any Age—Harding.

DELAINES.

The Delaine breeders were conspicuous not in point of numbers, but in quality of the twenty-six sheep exhibited. A. E. Green, of Orchard Lake, Mich., brought out ten head that embraced considerable quality and it was no surprise when the judge, Professor Shaw, directed the blue ribbons to his win-ners: First on yearling ram, first on aged ewe, first on yearling ewe, as well as aged flock, also sweepstakes on aged ewe and ram. E. M. Moore, of Orchard Lake, Mich., won first and second on aged ram, first on ram lamb and breeder's flock, besides several seconds. W. S. Dixon, of Brandon, Wis., ex-hibited seven head. While this flock took third in most classes, it is one that reflects credit on the breeder; lack of show-yard condition was the chief obstacle. To say that the Delaine show was very creditable is putting it mildly, and the quality of animals exhibited throws a bright reflection on the prominent place this breed occupies among American sheep breeders. Owing to the plan in getting out catalog for the sheep exhibit it was found impossible to give name and registration number of many important prize winners. This is seriously regretted and it is hoped that the association will adopt the plan of giving these important details before another show season, yet in all cases possible these were obtained from the ex-hibitor. The awards are as follows:

AWARDS.

Aged Ram—First and second, E. M. Moore; third, W. S. Dixon.
Ram One Year Old—First, A. E. Green; second, Moore; third, Dixon.
Ram Lamb—First, Moore; second and third, Green.
Aged Ewe—First, Green; second, Moore; third, Dixon.
Ewe One Year Old—First, Green; second, Dixon.
Breeder's Flock—First, Moore; second, Green.
Aged Flock—First, Green; second, Moore.
Sweepstakes Ewe—Green.
Sweepstakes Ram—Moore.

SHROPSHIRE.

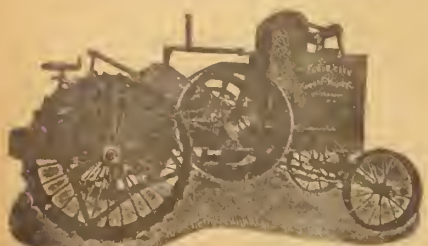
This cosmopolitan breed made an excel-lent showing. The most important of these were recently imported and exhibited at the Royal and other important shows throughout England and Scotland. Imported animals in every class except Minnesota specials were good individuals, well fitted, and among them some of the best ever brought to Minnesota. W. R. Weaver, Canton, Ill., had a diffi-cult task to place the awards. Exhibitors of this breed were: Geo. McKerrrow & Sons, Pewaukee, Wis.; W. J. Boynton, Viola, Minn.; Chandler Bros., Kellerton, Iowa; W. Woodard, Bloomer, Wis.; Renk Bros., Sun Prairie, Wis.; Peter Lees, Excelsior, Minn.; F. W. Harding, Waukesha, Wis. Minne-sota breeders were outclassed in open com-petition, but in several cases their sheep lacked fitting and they could not expect to get inside the money in competition with imported animals.

Aged Ram—A grand, imported, Gwyne, 300-pound ram shown by McKerrrow & Sons was placed first in class—a strong masculine sheep carrying an excellent fleece. Chandler Bros. followed with a Minton ram. In the yearling class the typical Shropshire Corbett ram that won second at the Royal. This sheep is completely covered with wool. He was first and champion at Des Moines. The Bratherwick ram owned by McKerrrow & Sons ran him a close second—a rather different type, more growthy, not as well covered. Renk Bros. brought in a second prize ram at Royal costing \$225, but was placed be-low a Butter ram owned by McKerrrow & Sons. Three imported ram lambs won the honors in their class. First on Everal ram owned by McKerrrow & Sons; second, a Walford lamb owned by Harding; third, a Nock ram, owned by McKerrrow & Sons, who also won first and third with aged ewes—the first a Pulley ewe, the other an Everal.

Harding's yearling imported ewe won first in class and championship. She has lots of scale, plenty of wool, and is an excellent handler. McKerrrow followed with a pair of Pulley ewes. Plenty of imported ewe lambs to win in the remaining classes, and set a difficult task before the judge. The flocks went, first to McKerrrow & Sons, head-ed by his aged Gwyne ram; second to Hard-

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KINNARD-HAINES CO.
MINNEAPOLIS, MINNESOTA



Miss Allerton 6528 and eight of her fall litter go in Messrs. W. T. Garrett & Sons' sale at Maryville, Mo., on Sept. 25, 1906. She is a full sister to Blain's Tecumseh (bred by Messrs. Garrett & Sons), one of the great hogs of the breed. Miss Allerton was got by the great breeding boar, Allerton's Tecumseh, and was out of Miss Doyle 2d by Butler's Hadley. As a brood sow she ranks among the best. Her litter of two boars and six sows that go in the sale were got by I Am Sunshine (now dead), one of the greatest boars Messrs. Garrett & Sons ever owned.

ing, headed by Corbett yearling ram, Hard-lung was barred in breeder's flock and the honors went to McKerrrow. Championship ribbon was laid across Hardlung's Corbett ram. Some took exception to this, claiming him lacking in style, but he has many good qualities and conceded one of the best sheep ever exhibited in Minnesota.

Whilo Renk Bros.' winnings were small their flock is worthy of special comment, having recently imported fifty head out of the Buttar, Blatherwick, Farmer, and other noted flocks of England. Chandler Bros.' showing was excellent and it was to be regretted that some of their excellent individuals were sent out without a ribbon. As a whole imported sheep were well covered, while many of the American flocks were lacking in this respect.

OXFORD DOWNS.

Twenty-four head represented the Oxfords, fourteen of these belonging to the far-famed flock of Geo. McKerrrow & Son, of Pewaukee, Wis., who won in all classes where entries were made. The remaining ten were exhibited by W. E. Oliver, of Worthington, Minn. Here again were imported animals placed in competition with American-bred sheep. W. R. Weaver acted as judge and his only difficulty was in satisfying himself in placing individuals of the McKerrrow flock. Strong, massive and heavy-boned, well covered even to the extremities. Had the flock of the Canadian breeder, Henry Arkell, who won honors for himself at St. Louis, been exhibited here the judge would have had a hard piece of work cut out for him, but as the Oliver flock were not prepared to meet such competition, the list of awards will appear one-sided, yet justly so. Judge Weaver placed the awards as follows:

AWARDS.

Aged Ram—First and second, Geo. McKerrrow & Son; third, W. E. Oliver.
 Ram One Year Old—First, second and third, McKerrrow & Son.
 Ram Lamb—First and second, McKerrrow & Son; third, Oliver.
 Aged Ewe—First and second, McKerrrow & Son; third, Oliver.
 Ewe One Year Old—First and second, McKerrrow & Son; third, Oliver.
 Ewe Lamb—First and second, McKerrrow & Son; third, Oliver.
 Flock—First and second, McKerrrow & Son. Breeder's Flock—First, Oliver.
 Special to Minnesota breeders by American Oxford Down Record Association:
 Ewe One Year Old—First, Oliver.
 Pen of Four Animals, Either Sex—First, Oliver.

RAMBOUILLET.

The Rambouillet exhibit was passed upon by Professor Shaw. The veteran judge expressed his delight in seeing such creditable flocks. They numbered twenty-seven head in all, there being but one imported sheep among the number. Professor Shaw paid special importance to the character of the fleece, as well as the general usefulness of the individual, and in some instances consumed considerable time before placing the awards. The flock exhibited by W. S. Dixon, Brandon, Wis., comprising ten head, won several important places. Other exhibitors were F. W. Harding, Waukesha, Wis., who exhibited ten head, showing typical Rambouillet characteristics; E. M. Moore, Orchard Lake, Mich., exhibited in connection with his Delaines seven head. Sweepstakes award went to Wm. Dixon on his aged ram and sweepstakes ewe owned by E. M. Moore. Moore's yearling ram, winning second place at Des Moines and first at Hamline, is sold for export trade to South Africa. This ram promises to figure well in show competition in the future, should he have an opportunity. Moore's aged ewe, awarded first, was champion everywhere shown in 1905 and is considered one of the best in America. Professor Shaw placed the awards as follows:

Ram Any Age—First, Dixon; second, Moore; third, Harding.
 Ram One Year Old—First, Moore; second and third, Harding.
 Ram Lamb—First, Dixon; second, Harding; third, Moore.
 Aged Ewe—First, Moore; second, Dixon; third, Harding.
 Ewe One Year Old—First, Dixon, second, Moore; third, Harding.
 Ewe Lamb—First, Dixon; second, Moore; third, Dixon.
 Flock—First, Dixon; second, Moore.
 Breeder's Flock—First, Moore; all others barred.
 Champion Ram—Arnold.
 Champion Ewe—Arnold.

HAMPSHIRE.

Renk Bros., of Sun Prairie, Wis., exhibited

the only flock of Hampshires, consisting of nine head. This was extremely regretted by Judge W. R. Weaver, of Canton, Ill., as they were ready for strong competition, winning at Des Moines the week preceding championship on aged ewe and aged ram. The entire flock were imported and were typical and excellent representatives. The improvement in type and mutton conformation of this breed was marked in these few individuals. The coarseness of the breed that was previously objected to could not be applied to this particular flock. They are a thick, shapely and fleshy lot, good handlers, standing well on their legs. In point of numbers the Hampshires were the most insignificant of all the breeds, but their quality reflected credit to their breeder and present owners.

LINCOLNS.

The association received entries from three breeders of Lincolns. A. A. Arnold & Son made twenty-four entries; Wm. Malcolm, Bigelow, Minn., entered six, and Wm. Young, Havana, Minn., two. This long-wooled type was not as well represented as was expected. The Arnold flock were in fair show condition and having just come from Des Moines were in higher flesh than other flocks. Mr. Young's sheep were not brought into the ring, consequently the remaining two absorbed all the ribbons with classes in which they were entered, Arnold winning the greater majority of these, capturing all the blue and in several classes all the ribbons. This flock also won everything at Des Moines, and go from here to Milwaukee.

SOUTHDOWNS.

The Southdowns, though few in numbers, comprised some typical and modern individuals. McKerrrow & Son, having just imported a few select ones, brought them along with their Shropshires and Rambouillet and were ready for good competition. His yearling imported ram won championship, but championship in ewe class went to McKerrrow's American-bred ewe, also winning first over her in class. Although this breed is not as popular as it was, the individuals shown here lead us to believe that McKerrrow & Son are still partial to some extent to these aristocrats. They also won the honors at Des Moines and winning in all classes at Hamline except a third, which went to Wm. Dixon, Brandon, Wis.

CHEVIOTS.

Lewis Bros. exhibited a nice flock of Cheviots for G. W. Parnell, Wingate, Ind., in connection with their exhibit of Cotswolds. The flock consisted of ten head, comprising imported and American-bred animals. In most classes the distinction between imported and American bred was very marked, but this flock of Cheviots was the exception. These sheep were excellent specimens, heavy boned and well covered, and in a free-for-all class would have won their share. This, however, was not offered. Wm. Young, breeder of Leicesters, also had a small flock, but were not fitted.

LEICESTERS.

Only one flock of Leicesters represented this breed, owned by Wm. Young, Havana, Minn. These are all American bred and chiefly his own breeding. This weak showing was extremely regretted by the management and as the flock exhibited were not in show condition, gave the breed an insignificant appearance, when compared with other well-fitted animals of other breeds. W. R. Weaver acted as judge.

DORSETS.

W. J. Boynton exhibited the only flock of Horned Dorsets. These were not fitted, but having no opposition received all the awards.

GOATS.

Two flocks of Angora goats were exhibited, owned by K. E. Lathrop, Hugo, Minn., and J. McD. Randles, in all twenty-two head. Owing to a disappointment in securing a judge it was necessary to defer judgment on these until Thursday. These Angoras were a well-bred lot and some excellent specimens were among them.

NEBRASKA STATE FAIR

With most perfect fair weather, a record breaking attendance and the largest exhibit ever assembled on the state fair grounds Nebraska held her annual state fair. The crowds began coming early and seemed to want to stay until every exhibit had been seen and examined. On Wednesday all previous records were broken and 43,000 passed through the gates which was 15,000 more than the best day heretofore. On that day the crowds were so dense that it was next to impossible to see the exhibits in buildings and many abandoned an attempt to see the live stock.

In the live stock department every cattle stall was filled and two herds had to be quartered in temporary quarters on the outside of the regular barns and one herd was placed in stalls in the live stock pavilion. The association had built three new hog barns and even then the number of available pens was wholly inadequate to the demands, something like three hundred having been turned away for want of room.

The new stock pavilion built last year is all right but it is now seen to be far too small and seemed to be a favorite place for thousands of people to sit and watch the judging of cattle and horses.

In the agricultural hall where all the products of garden and farm were displayed was to be seen the best exhibit ever seen on the Nebraska grounds and was even better than similar display at other larger and more pretentious fairs. A lively rivalry existed between county displays which were of the highest excellence and so close was the competition in this line that the judges did not make the awards until the last day of the fair.

The fruit exhibit was most excellent in both character and size. Nebraska grown fruits filled all the space available, and on one day hundreds of bushels of apples and a like number of baskets of grapes were given away to fair visitors. This was done under the auspices of the State Horticultural Society and seemed to be a nice feature of the fair. The writer had a basket of fruit given him that would make a Missouri apple look pale and California grapes could not approach the Nebraska variety in flavor.

One of the exhibits found on the Nebraska fair grounds was from the State Hatchery. This building is always crowded with visitors and this year the crush was so great that the efforts of a bunch of police were necessary to handle the crowds at that place.

The state fair in Nebraska has grown

so much in recent years that it will be necessary to rearrange the buildings and to make arrangement for the annexation of additional grounds. This will probably be a perplexing question for the board to solve. In addition to the necessity for more grounds the transportation question will have to be given some consideration. The arrangement for handling great crowds is simply inexcusable, for which the state fair association, of course, is not responsible.

The implement display at the Nebraska fair was as large as the facilities at hand would justify. Every available space was taken for implements and they were to be found in all parts by the acre. The visitor in looking around would get lost in the sea of red paint and bright steel, and the odor of gasoline was everywhere noticeable.

CATTLE.

SHORT-HORNS.

There was a good showing in this class and competition was lively. The following exhibitors were present: Branson Bros., Waverly, Neb. (10 head); J. R. Mansfield & Sons, Wisner, Neb. (1 head); Jno. O'Kane, Wisner, Neb. (1 head); C. F. Behlers, Wisner, Neb. (1 head); C. L. Laurie, Emerald, Neb. (5 head); C. G. Nootz, Raymond, Neb. (11 head); J. G. Brenizer, Broken Bow, Neb. (11 head); E. F. Baker, Cheney, Neb. (2 head); S. E. Shellenbarger, Alma, Neb. (11 head); Wm. Ernest & Son, Graf, Neb. (8 head); G. F. Hart, Summerfield, Kan. (8 head); G. H. White, Emerson, Iowa (5 head); H. Philipson, Hickman, Neb. (8 head); Thos. Andrews, Cambridge, Neb. (11 head); Wm. Smiley, Albany, Wis. (10 head); C. Graff, Bancroft, Neb. (11 head); Retzlaff Bros., Burnett, Neb. (9 head); C. A. Saunders, Manilla, Iowa (6 head); T. K. Tomson & Sons, Dover, Kan. (10 head); T. J. Wornall & Son, Liberty, Mo. (10 head); Geo. Dailey, Kearney, Neb. (6 head). The awards in this class were placed by C. M. Stannard, of Emporia, Kan., as follows:

AWARDS.

Bull Three Years or Over (7 in class)—First, Hart, on Secret Prince; second, Branson Bros., on Happy Hampton; third, Saunders, on King Cumberland; fourth, Retzlaff Bros., on Orange Chief; fifth, Tomson & Sons, on Silvery Knight; sixth, Shellenbarger, on Diamond Prince.

Bull Two Years and Under Three (5 in class)—First, Wornall & Son, on The Conqueror; second, Andrews, on Scotty; third, Retzlaff Bros., on Secret President; fourth, Laune & Sons, on Canadian Prince; fifth, Brenizer, on Charm Bear.

Bull One Year and Under Two (11 in class)—First, Wornall & Son, on Careless Conqueror; second, White, on Contractor's Banner Bearer; third, O'Kane, on American Flag; fourth, Hart, on Roan Secret; fifth, Tomson & Sons, on Gallant Lavender; sixth, Nootz, on King Rodney.

Senior Bull Calf (12 in class)—First, Tomson & Sons, on Victor Archer; second, Wornall & Son, on Oakwood Conqueror; third, Stewart Bros., on Evening Star; fourth, Mansfield & Son, on Nonpareil Count; fifth, Brenizer, on Missie's Gloster King; sixth, Branson Bros., on calf by Nonpareil Victor 2d.

Junior Bull Calf (10 in class)—First, Retzlaff Bros., on Gallant Chief; second, Hart, on Gold Medal; third, Shellenbarger, on Diamond Jr.; fourth, Hart, on Gold Cola; fifth, Branson Bros., on calf by Happy Hampton; sixth, Nootz, on calf by Meadow Light.

Cow Three Years or Over (13 in class)—First, Wornall & Son, on Glosterina; second, Andrews, on Dora A.; third, Tomson & Sons, on Elder Lawn Victoria 3d; fourth, Behlers, on Pluma; fifth, Shellenbarger, on Dora's Best; sixth, White, on Rosedale 4th.

Heifer Two Years and Under Three (13 in class)—First, Tomson & Sons, on Cherry Lass; second, Andrews, on White Rose; third, Saunders, on Velvet Eyes; fourth, Wornall & Son, on Choice Violet 2d; fifth, Tomson & Sons, on Thorny Bud; sixth, Shellenbarger, on Iole.

Heifer One Year and Under Two (13 in class)—First, Saunders, on Independence Lady; second, Shellenbarger, on Lancaster Maid; third, Tomson & Sons, on Lavana; fourth, Brenizer, on Dorothy; fifth, Tomson & Sons, on 5th Elder Lawn Victoria; sixth, Wornall & Son, on Sweet Tone.

Senior Heifer Calf (10 in class)—First, Tomson & Sons, on Delightful; second, Andrews, on Roan Isabell; third, Wornall & Son, on Sweet Tone 2d; fourth, Wornall & Son, on Meadow Breebe; fifth, Saunders, on Rose Champion; sixth, Shellenbarger, on Maud Thiscus.

Junior Heifer Calf (8 in class)—First, Saunders, on Cumberland's Princess; second, Tomson & Sons, on Rose Archer; third, Andrews, on Dora B.; fourth, Bailey, on Matilda's Maid; fifth, Brenizer, on Lady Wal-laby; sixth, Nootz, on Red Empress.

Exhibitor's Herd (6 in class)—First, Tomson & Sons; second, Wornall & Son; third, Saunders; fourth, Andrews; fifth, Shellenbarger; sixth, White.

Breeder's Young Herd (5 in class)—First, Tomson & Sons; second, Wornall & Son; third, Andrews; fourth, Nootz; fifth, Brenizer.

Get of Sire (5 entries)—First, Tomson & Sons, on get of Gallant Knight; second, Wornall & Son, on get of Imp. Conqueror; third, Andrews, on get of Bar None; fourth, Hart, on get of Secret Prince; fifth, Brenizer, on get of Crimson Scott; sixth, Nootz, on get of Meadow Light.

Produce of Cow (6 in class)—First, Tom-



There are two good features in the above illustration. In the first place, the feeder represented is one that has contributed to the welfare of many a herd. It is manufactured by C. A. Wright, of Rosendale, Mo., and sells at \$10 with freight prepaid to nearest railway station of buyer. The feeder is usually made to accommodate from twenty-six to thirty hogs, though any size may be ordered. It is designed to absolutely prevent contamination of feed while it is in the trough and it does the work perfectly. It accommodates a small pig as well as a large hog and prevents crowding and tussling, causing hogs to eat their food in a normal manner. The hogs in the illustration constitute the second important factor to which attention was ones that Mr. Wright showed at the Iowa Fair, class and also a number of other premiums. These pigs go into his Duroc sale which will be held October 18th. Upon application, Mr. Wright will send testimonials from hundreds of successful swine breeders who have used this feeder. Address C. A. Wright, Rosendale, Mo. See advertisement on page 14.

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son & Sons, on produce of Victoria of Maple Mill; second, Wornall & Son, on produce of Nonpareil of Meadow Lawn 5th; third, Andrews, on produce of Fannie 8th; fourth, Hart, on produce of Fairy Belle; fifth, Brenizer, on produce of Missie 10th; sixth, Nootz, on produce of Saraphine Belle.

Junior Champion Bull—Wornall & Son, on Careless Conqueror.

Senior Champion Bull—Wornall & Son, on The Conqueror.

Junior Champion Female—Saunders, on Velvet Eyes.

Senior Champion Female—Tomson & Sons, on Cherry Lass.

HEREFORDS.

There was the usual good display of Hereford cattle on exhibition, the following exhibitors being present: W. N. Rogers, McCook, Neb. (10 head); Mousel Bros., Cambridge, Neb. (14 head); E. H. Morgan, Blue Rapids, Kan. (9 head); D. W. Ohl, Iowa City, Iowa (6 head); G. G. Clement, Ord, Neb. (5 head); A. J. Firkins, Ord, Neb. (6 head); W. B. Hunt, Blue Rapids, Kan. (2 head). The awards were made by T. J. Wornall, of Liberty, Mo., as follows:

AWARDS.

Bull Three Years or Over (4 in class)—First, Morgan, on Onward 18th; second, Rogers, on Beau Donald 28th; third, Firkins, on Onward 16th; fourth, Ohl, on Rustler 7th.

Bull Two Years and Under Three (2 in class)—First, Mousel Bros., on Principles Dictator; second, Firkins, on Fast Freight.

Bull One Year and Under Two (6 in class)—First, Rogers, on Beau of Shadland 19th; second, Mousel Bros., on Lloyd's Bully Boy; third, Clement, on Victor; fourth, Firkins, on Ord Donald; fifth, Morgan, on Dale; sixth, Hunt, on Conductor.

Senior Bull Calf (7 in class)—First, Ohl, on Woodland Chief; second, Rogers, on Beau of Shadland 26th; third, Mousel Bros., on Principles 1 Am; fourth, Ohl, on Burley; fifth, Mousel Bros., on Principles Lad; sixth, Morgan, on Dauntless.

Junior Bull Calf (3 in class)—First, Mousel Bros., on Alto Hesiod; second, Rogers, on Beau of Shadland 27th; third, Morgan, on Lord Primrose.

Cow Three Years or Over (4 entries)—First, Rogers, on Shadland's Maid 4th; second, Mousel Bros., on Mary Helwig; third, Ohl, on Dora Thorne; fourth, Morgan, on Primrose.

Cow Two Years and Under Three (5 entries)—First, Rogers, on Shadland's Maid 28th; second, Mousel Bros., on Principles Lassic; third, Ohl, on Amelia; fourth, Clement, on Lady Schleylight; fifth, Ohl, on Stella May.

Heifer One Year and Under Two (10 in class)—First, Morgan, on Dorothy; second, Mousel Bros., on Principles Flossie; third, Rogers, on Shadland's Maid 34th; fourth, Rogers, on Shadland's Maid 33d; fifth, Morgan, on Miss Bountiful; sixth, Morgan, on Miss Armour Maid.

Senior Heifer Calf (8 in class)—First, Rogers, on Shadland's Maid 39th; second, Mousel Bros., on Principles 4th; third, Clement, on Golden Lass; fourth, Ohl, on Bonnie Wilton; fifth, Morgan, on Pearl Dauntless; sixth, Firkins, on Onward Maid 5th.

Junior Heifer Calf (4 in class)—First, Mousel Bros., on Principles Lady; second, Mousel Bros., on Principles Queen; third, Rogers, on Shadland's Maid 41st; fourth, Hunt, on Lady H.

Exhibitor's Herd (3 in class)—First, Rogers, second, Mousel Bros.; third, Ohl.

Breeder's Young Herd (3 in class)—First, Mousel Bros.; second, Rogers; third, Firkins.

Get of Sire (3 in class)—First, Rogers, on get of Beau Donald 28th; second, Mousel Bros., on get of Principles 4th; third, Ohl, on get of Bovick 3d.

Produce of Cow (4 in class)—First, Mousel Bros., on produce of Eugenia; second, Rogers, on produce of Dolly Rogers; third, Rogers, on produce of Dolly Rogers 3d; fourth, Philip Unit.

Senior Champion Bull—Morgan, on Onward 18th.

Junior Champion Bull—Mousel Bros., on Alto Hesiod.

Senior Champion Female—Rogers, on Shadland's Maid 28th.

Junior Champion Female—Morgan, on Dorothy.

HOLSTEINS.

The awards were made by the same judge in this class. The following exhibitors were represented: Alex Sneddon, Eagle, Neb. (16 head); John C. Doubt, Ilavelock, Neb. (14 head); H. C. Glissman, Omaha, Neb. (20 head); C. P. Stone, Peabody, Kan. (12 head). The following are the awards:

AWARDS.

Bull Three Years and Over (4 in class)—First, Stone, on Ethel Alexandra 2d's Sir Netherland; second, Glissman, on Jessie Clothilde's Lad; third, Sneddon, on Lida Lad; fourth, Doubt, on Gerben Hengerveld Sir De Kol.

Bull One Year and Under Two (4 in class)—First, Doubt, on Sharon Gerben De Kol; second, Glissman, on Sunny Jim; third, Sneddon, on Genesee Prince Alcarra; fourth, Glissman, on Shady Brook Gerben, American Lad.

Bull Two Years and Under Three (1 in class)—First, Glissman, on Anna V's Lad.

Senior Bull Calf (9 in class)—First, Stone, Lady Truth's Pride, Sir Netherland; second, Glissman, Bonzellas Gerben; third, Doubt, on Gerben Tengerbelt Sir De Kol (unregistered); fourth, Sneddon, on Violet V's Lad; fifth, Doubt, on Sir Patrie Gerben Hengerveld; sixth, Glissman, on Sir Gerben.

Junior Bull Calf (6 in class)—First, Glissman, on Banquo's Sir Gerben; second, Karoline's Sir Gerben; third, Sneddon, on Fannie B's Lad; fourth, Glissman, on Shady-

brook Sir Karoline; fifth, Anna Parthena's Lad; sixth, Doubt, on calf by Gerben Hengerveld Sir De Kol.

Cow Three Years and Over (10 in class)—First, Stone, on Maryke 3d's Gerben 4th; second, Stone, on Wayne's Partheula; third, Stone, on Lady Wayne's McChildie; fourth, Glissman, on Lilly Henry; fifth, Sneddon, on Margaret V.; sixth, Sneddon, on Fannie B.

Heifer Two and Under Three Years (7 in class)—First, Stone, on Princess Pel De Kol; second, Sneddon, on Lulo Parthena Leda; third, Doubt, on Francis Gerben Hengerveld; fourth, Stone, on Wayne's Mercedes; fifth, Sneddon, on Margaret Prince S. Leda; sixth, Sneddon, on Petry's Leda.

Heifer One Year and Under Two (8 in class)—First, Stone, on Queen Josephine's De Kol; second, Stone, on Queen Josephine's De Kol; third, Doubt, on Charlotte Gerben De Kol; fourth, Doubt, on Marion Gerben De Kol; fifth, Glissman, on Banquo Soldene; sixth, Sneddon, on Violet Parthena Princess.

Senior Heifer (7 in class)—First, Stone, on Queen Josephine's Netherland; second, Stone, on Sissie Baker's Netherland; third, Sneddon, on Margaret Parthena Wane; fourth, Glissman, on Premier Wayne's Gerben; fifth, Doubt, on Maid Gerben De Kol; sixth, Glissman, on Chapple McThilde Gerben.

Junior Heifer Calf (4 in class)—First, Glissman; second and third, Sneddon.

Exhibitor's Herd (4 in class)—First, Stone; second, Glissman; third, Sneddon; fourth, Doubt.

Breeder's Young Herd (4 in class)—First, Stone; second, Doubt; third, Sneddon; fourth, Glissman.

Get of Sire (3 in class)—First, Stone; second, Doubt; third, Sneddon.

Produce of Cow (4 in class)—First, Stone; second, Doubt; third, Sneddon; fourth, Glissman.

Sweepstakes Heifer Under Two Years (3 in class)—Stone.

Sweepstakes Aged Bull (2 in class)—Stone.

Sweepstakes Cow Over Two Years—Stone.

Sweepstakes Bull Under Two Years (3 in class)—Stone.

ABERDEEN-ANGUS.

The doddies are always attractive, but did not show up in the usual numbers at this exhibition. The following exhibitors were present: Paul Thompson & Sons, Benson, Neb. (12 head); P. M. Culver, Edgerton, Mo. (5 head); Geo. Kitchen, Jr., Gowry, Mo. (8 head); Christian & Lang, York, Neb. (5 head). The following are the awards:

AWARDS.

Bull One Year and Under Two (6 in class)—First, Culver, on Royal Hyperion; second, Kitchen, on Melbert 2d; third, Culver, on Don of Viewpoint; fourth, Culver, on Questor Lad; fifth, Thompson & Son, on Prince Adne; sixth, Thompson & Son, on Refreshment.

Bull Calf Under One Year (4 in class)—First, Kitchen, on Intensified; second, Culver, on Mindon of Viewpoint; third, Thompson & Son, on Prince of Irvington.

Junior Bull Calf (2 in class)—First, Kitchen, on Helmet A.; second, Christian & Lang, on York Hero.

Heifer One Year and Under (4 in class)—First, Kitchen, on Ula Brown; second, Thompson & Son, on Barbara of Irvington; third, Christian & Lang, on York Blossom; fourth, Thompson & Son, on Pride of Irvington.

Heifer Two Years and Under Three (3 in class)—First, Kitchen, on Driftwood Rose; second, Thompson & Son, on Sunflower Dot 3d; third, Thompson & Son, on Baby of Dura.

Aged Cow (3 in class)—First, Kitchen, on Mina of Alta 3d; second, Thompson & Son, on Heather Bloom McHenry 5th; third, Sunflower of Benson.

Junior Heifer Calf (1 in class)—First, Christian & Lang, on York Blossom 3d.

Senior Heifer Calf (5 in class)—First, Culver, on Queenly of Viewpoint; second, Thompson & Son, on Matchless of Irvington; third, Kitchen, on Barbara G.; fourth, Thompson & Son, on Queen of Irvington; fifth, Christian & Lang, on Blossom of York.

Aged Herd (2 in class)—First, Kitchen, on herd headed by Lewis of Meadowbrook; second, Thompson & Son, on herd headed by Metz Novico.

Aged Bull (1 in class)—Thompson & Son, on Metz Novico.

Two-Year-Old Bull (1 in class)—Kitchen, on Lewis of Meadowbrook.

Produce of Cow (3 in class)—First, Culver, on Alphas Queen; second, Christian & Lang, on Beaver Red's Blossom 2d; third, Thompson & Son, on Lucy of Dura.

Get of Sire (2 in class)—First, Thompson & Son, on get of Barn of Maple Hill 9th; second, Christian & Lang, on get of Blackwood Blackbird.

Junior Bull (3 in class)—First, Culver, on Royal Highlan.

Senior Sweepstakes Bull (2 in class)—Lewis of Meadowbrook.

Senior Champion Female (2 in class)—Kitchen, on Driftwood Rose.

Junior Champion Female (2 in class)—Kitchen, on Beulah Brown.

JERSEYS.

But two herds of Jerseys were on exhibition, as follows: H. C. Young, Lincoln, Neb. (28 head), and Honeywell & Reedy, Lincoln, Neb. (13 head). The awards were made by C. T. Graves, Maltland, Mo., as follows:

AWARDS.

Bull Two Years Old (1 in class)—First, Young, on Rioter Sampson.

Bull Three Years Old (2 in class)—First, Young, on Guenon's Gay Lad.

Bull One Year and Under Two (5 in class)—First, Honeywell & Reedy, on Princess Fountainne; second, Young, on bull sired by Guenon's Gay Lad; third, Loung, on bull sired by Guenon's Gay Lad; fourth, Young,



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on bull sired by Guenon's Gay Lad; fifth, sired by Mary Maden's third son.

Senior Bull Calf (3 in class)—First, Young, on Gerty's Son's Jamont; second, Honeywell & Reedy, on Marigold's Quintitus; third, Young, on Blanche's Golden Lad.

Junior Bull Calf (3 in class)—First, Honeywell & Reedy, on Jubilee's Boss; second, Young, on calf sired by Guenon's Gay Lad; third, Young, on calf sired by Guenon's Gay Lad.

Cow Three Years and Over (4 in class)—First, Young, on Etta Victor Pogis; second, Honeywell & Reedy, on Brown Fontana Trimly; third, Young, on Exile's Coffa; fourth, Young, on Lassie Easter.

Heifer Two Years and Under Three (4 in class)—First, Honeywell & Reedy, on Marigold's Kate; second, Young, on Ducky Darling; third, Young, on Dancy Darling; fourth, Honeywell & Reedy, on Marigold's Miss Hunter.

Heifer One Year and Under Two (7 in class)—First, Honeywell & Reedy, on King's Maiden Bee; second, Young, on Mabel; third, Young, on Marigold's Bongia; fourth, Young, on Myrtle; fifth, Young, on Primrose; sixth, Young.

Senior Heifer Calf (5 in class)—First, Honeywell & Reedy; second, third, fourth and fifth, Young.

Junior Heifer calf (5 in class)—First, Honeywell & Reedy; second, Young; third, Honeywell & Reedy; fourth, Young.

Exhibitor's Herd (3 in class)—First and third, Young; second, Honeywell & Reedy.

Sweepstakes Bull Two Years and Over (2 in class)—First, Young.

Sweepstakes Cow Three Years and Over (3 in class)—Young.

Breeder's Young Herd (3 in class)—First, Honeywell & Reedy; second and third, Young.

Sweepstakes Bull Under Two Years (3 in class)—Young.

Get of Sire (2 in class)—First, Honeywell & Reedy; second, Young.

Sweepstakes Heifer (3 in class)—Young.

Produce of Cow—First, Honeywell & Reedy.

RED POLLS.

The breeders of Red Polled cattle are forging to the front, as was shown by the fair at Des Moines. The following are the exhibitors in this class: A. P. Arp, Eldridge, Iowa (15 head); Chas. Graff, Bancroft, Neb. (11 head); E. A. Richards, Beaver City, Neb. (1 head); Geo. P. Schwab & Sons, Clay Center, Neb. (11 head); Frank Davis, Holbrook, Neb. (3 head); H. L. McKelvie, Fairfield, Neb. (3 head). The following are the awards:

AWARDS.

Bull Three Years and Over (4 in class)—First, Schwab & Sons, on Falstaff.

Bull Two Years and Under Three (1 entry)—First, Davis, on Crever.

Bull One Year and Under Two (3 in class)—First, McKelvie, on Dixon; second, Graff, on Captain; third, Arp, on Emery.

Senior Bull Calf (4 in class)—First and fourth, Schwab & Sons; second and third, A. P. Arp.

Junior Bull Calf (5 in class)—First, Davis; second, McKelvie; third, Arp; fourth, Schwab & Sons; fifth, Graff.

Cow Three Years and Over (8 in class)—First, Schwab & Sons, on Eva 4th; second, Schwab & Sons, on Supremacy 2d; third, Davis, on Princess; fourth, Graff, on Daisy 2d; fifth, Graff, on Ruberta; sixth, Arp, on Lala.

Heifer Two Years and Under Three (6 in class)—First, Davis, on Dew Drop; second, Schwab & Sons, on Eva of the West; third, Arp, on Laura's Perfection 3d; fourth, Arp, on Leola; fifth, Graff, on Xmas; sixth, Graff, on Imo.

Heifer One Year and Under Two (9 in class)—First, McKelvie, on Daisy; second, Davis, on Maggie; third, Graff, on Floss; fourth, Schwab & Sons, on Margy; fifth, Arp,

on Alma; sixth, Schwab & Sons, on Eva Pal staff 4th.

Senior Heifer Calf (5 in class)—First, Graff; second and fourth, Schwab & Sons; third and fifth, Arp.

Exhibitor's Herd (4 in class)—First, Davis; second, Graff; third, Schwab & Sons; fourth, Arp.

Breeder's Young Herd (3 in class)—First, Graff; second, Schwab & Sons; third, Arp.

Get of Sire (2 in class)—First, Graff.

Produce of Cow (3 in class)—First, Arp.

Sweepstakes Bull Two Years or Over (2 in class)—Davis.

Sweepstakes Bull Under Two Years (3 in class)—McKelvie.

Sweepstakes Cow Two Years and Over (2 in class)—Davis.

Sweepstakes Cow Under Two Years (3 in class)—McKelvie.

POLLED DURHAMS.

The following were the exhibitors in this class: Shaver & Deuker, Kalona, Iowa (14 head); Geo. Bailey, Kearney, Neb. (6 head); Wm. Smiley, Albany, Wis. (10 head). The following are the awards:

AWARDS.

Bull Three Years and Over (2 in class)—First, Smiley, on Monarch; second, Ferguson, on Ottawa Gauntlet.

Bull Two Years and Under Three (1 in class)—Shaver & Deuker, on Roan Hero.

Bull One Year and Under Two (4 in class)—First, Shaver & Deuker, on Colonel Perry; second, Shaver & Deuker, on Lancaster Duke; third, Bailey, on Agnetta's Scarlet Duke; fourth, Smiley.

Senior Bull Calf (1 in class)—Shaver & Deuker, on Arcadia Duke.

Junior Bull (3 in class)—First, Shaver & Deuker; second, Bailey; third, Smiley.

Cow Three Years and Over (3 in class)—First, Shaver & Deuker, on Royal Flora; second, Smiley, on Lucile; third, Smiley, on Lucile of Walnut Grove.

Cow Two Years and Under Three (3 in class)—First, Shaver & Deuker, on Scottish Belle 3d; second, Smiley, on White Stockings 2d; third, Shaver & Deuker.

Heifer One Year and Under Two (5 in class)—First, Shaver & Deuker, on Scottish Belle 4th; second, Smiley, on Lucile Monarch; third, Smiley, on Lucile A.; fourth, Bailey, on O. K. Rose; fifth, Bailey, on Model's Goldy.

Junior Sweepstakes Bull—Shaver & Deuker.

Senior Heifer Calf (4 in class)—First, Smiley; second, Shaver & Deuker; third, Smiley; fourth, Bailey.

Breeder's Herd (2 in class)—First, Shaver & Deuker; second, Smiley.

Champion Bull Two Years and Over (2 in class)—First, Smiley, on Monarch; second, Shaver & Deuker, on Roan Hero.

Senior Champion Cow (2 in class)—Shaver & Deuker, on Royal Flora.

Junior Champion Female (2 in class)—Shaver & Deuker, on Scottish Belle 4th.

Produce of Cow (2 in class)—First, Shaver & Deuker; second, Smiley.

Get of Sire, Sweepstakes (2 in class)—Smiley.

GALLOWAYS.

Bull Three Years or Over (2 in class)—First, Lindsey, Red Cloud, Neb., on Pat Ryau of Red Cloud; second, Clark, Topeka, Kan., on Pass Boy of Plate.

Bull Two Years and Under Three (1 in class)—First, Lindsey, on Ned of Red Cloud.

Bull One Year and Under Two (1 in class)—First, Lindsey, on Nume of Red Cloud.

Cow Three Years and Over (3 in class)—First, Lindsey, on Favorite 15th of Lock-enit; second, Clark, on Miss Bessemore; third, Clark, on Nellie Sampson.

Heifer Two Years and Under Three—First, Lindsey, on Lady Charlotte; second, Clark, on Doreas of C. H.; third, Clark, on Eva of Capital View.

Heifer One Year and Under Two (6 in class)—First, Clark, on Beauty of Capital View; second, Lindsey, on Nora D. of Red Cloud; third, Lindsey, on Nettie D. of Red Cloud; fourth, Lindsey, on Molly C. of Red Cloud; fifth, Clark, on Ida of Capital View; sixth, Clark, on Cinda of Capital View.

Junior Champion Female—First, Lindsey, on Lady Charlotte.

Senior Champion Female—Lindsey, on Favorite 16th.

Junior Champion Bull—Lindsey, on Ned of Red Cloud.

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gives rosy cheeks and active health to pale, sickly children.

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Senior Champion Bull—Lindaey, on Pat Ryan of Red Cloud.
 Senior Bull Calf (1 in class)—Clark, on Little Late of Clear View;
 Junior Bull Calf (3 in class)—Firat, Lindaey, on Lady Elgin; second, Clark, on Idell of Clear View; third, Clark, on Mina of Clear View.
 Senior Heifer Calf (2 in class)—First, Lindsey, on Nicy of Red Cloud; second, Clark, on Blanche of Waveland.
 Exhibitor's Herd (2 in class)—First, Lindsey; second, Clark.
 Breeder's Young Herd—First, Lindsey; second, Clark.
 Get of Sire—Lindsey, on get of Pat Ryan of Red Cloud.
 Produce of Cow—Lindsey, on produce of Cherry Lee of Red Cloud.

HORSES.

The same unabated interest shown at other fairs was manifest at the Nebraska fair and the stables were crowded almost all the time and they were crowded to their utmost capacity. It is wonderful the admiration people will show when they look at really fine horses of all kinds. Frank Iams, of St. Paul, Neb., had twenty head which occupied almost all of one barn, consisting of eight Percherons, eight Belgians and four coach horses. Watson, Wood Bros. & Kelly Co., Lincoln, Neb., had five Shires, three Percherons, one Belgian and one Coach. The Lincoln Horse Importing Company, of Lincoln, Neb., had nine German Coach, two Shires, two Percherons and one Belgian. Other exhibitors were Wm. Ernst & Son, Graf, Neb.; J. N. Harrison, Herman, Neb.; Billiter, Burriss & Billiter, Carroll, Neb.; Rhea Bros., Arlington, Neb.; H. E. Peterson, Lyons, Neb. The following are the awards, placed by John Huston, Blandinsville, Ill.

COACHERS.

Four-Year-Old Stallions (5 in class)—First, Lincoln Imp. Horse Co., on Lubben's Ring Leader; second, Frank Iams; third, W. E. Wells; fourth, Frank Iams; fifth, Alex Calder.
 Three-Year-Old Stallion (all German Coach) (9 in class)—First, second and third, Lincoln Imp. Horse Co.; fourth, Watson, Wood Bros. & Kelly; fifth, Iams; sixth, Lincoln Imp. Horse Co.
 Sweepstakes—Lincoln Imp. Horse Co., on Lubben's Ring Leader (German Coach).

REGISTERED TROTTERS.

Best Stallion Four Years and Over—First, second and third, Kinney.
 Three-Year-Old Stallion—Kinney, the only exhibitor.
 Two-Year-Old Stud—First, Adams; second, Adams; third, Chamberlain; fourth, Johnson; fifth, Adams; sixth, Adams.
 Yearling Stallion (3 in class)—First, Johnson; second, Quinn; third, Briggs.
 Sweepstakes Stallion—Adams.
 Aged Mare (3 in class)—First, Neyson; second, Miller; third, Kinney.
 Three-Year-Old Mare (1 in class)—Johnson.
 Two-Year-Old Mare (4 in class)—First, second and third, Adams; fourth, Miller.
 Sweepstakes Mare—Johnson.

BELGIANS.

Stallion Four Years and Over (7 in class)—First, Iams, on Gaston de Fastine; second, Iams, on Prussant de Lisson; third, Watson, Woods Bros. & Kelly Co., on Roan; fourth, Iams, on Cordeau de Landean; fifth, Billiter, Burriss & Billiter, on Marguis de Rummermen.
 Stallion Three Years Old—First, Iams, on Champy & Wellmont; second, Iams, on Due Hon; third, Iams, on Mayor de Andenarken.
 Champion Stallion (2 in class)—Iams, on Gaston de Fostean.
 Stallion Two Years Old (7 in class)—First, Iams, on Volory; second, Rhea Bros., on Jumbo; third, Rhea Bros., on Keito; fourth, Rhea Bros., on Surprise; fifth, Kerr; sixth, Peterson, on Tiger.
 Stallion One Year and Under Two (3 in class)—First, second and third, Rhea Bros.
 Horse Foal (2 in class)—First and second, Harrison.
 Mare Four Years and Over (5 in class)—First, Ernst & Son; second, Harrison; third, Rhea Bros.; fourth, Ernst & Son; fifth, Rhea Bros.

PERCHERONS.

Stallion Four Years and Over (11 in class)—First, Iams, on Tralala; second and fourth, Rhea Bros.; third, Watson, on Clapit.
 Stallion Three Years Old (12 in class)—First, Rhea Bros., on Carlo; second, Lincoln Horse Importing Company, on Jericho; third, fourth and fifth, Iams; sixth, Lincoln Horse Importing Company.
 Sweepstakes Stallion (3 in class)—Iams, on Tralala.
 Sweepstakes Mare (3 in class)—Ernst & Son.
 Mare Three Years and Under Four (1 in class)—First, Harrison.
 Mare Two Years and Under Three (1 in class)—First, Schwab & Sons.
 Mare Under One Year (3 in class)—First, Ernst & Son; second, Rhea Bros.; third, Rhea Bros.

CLYDESDALES AND SHIRES.

Clydesdale and Shire Stallion, Four Years and Over (4 in class)—First, Calder, on Fremont Royal Lockhart; second and third, Watson, Woods Bros. & Kelly Co.; fourth, Calder, on Fremont Langbank.
 Stallion Three Years and Under Four (4 in class)—First, Lincoln Horse Importing Company, on Borden & Matchless; second, Watson, Woods Bros. & Kelly Co., on British Ensign; third, Sand King; fourth, Calder, on Pride of Cambridge.
 Shire Mare, Bred in Nebraska, Two Years Old (2 in class)—First and second, Calder.
 Sweepstakes Stallion (2 in class)—Lincoln Horse Importing Company, on Bordenham Matchless.

SWINE.

The swine exhibit is one of the most inter-

esting to farmer visitors on the grounds. The number on hand this year is far in excess of that of any other year. It is stated that many exhibitors would have attended with their hogs had they been given any encouragement as to whether they could get pens. The pens were all full and many had to be placed in temporary quarters. One slight criticism in the showing of hogs would be that the prize winners are not grouped and left in their show pens so breeders can have an opportunity to compare them and note improvement. This is one thing for which fairs are maintained. The number on exhibition this year was close to 1,500 head. There were about 700 Durocs and 600 Poland Chinas, and Chester Whites and Berkshires made up the remainder of the list.

DUROC JERSEYS.

The pens where this breed were shown were always thronged with interested swine breeders. When the class of aged boars were led out a majority of breeders placed first on Glendale Critic, owned by E. Z. Russell, of Blair, Neb., but the judge put him in second place, claiming that the boar's testicle were slightly wanting in size. A close look at the boar afterwards by the writer failed to disclose this defect. The judge afterwards gave a pen first place headed by this boar, while a competing pen contained two first-prize sows. The following is the list of breeders of Durocs: J. E. Rowe, Stockham, Neb. (10 head); Alvin E. Lund, Kearney, Neb. (16 head); A. J. Firkins, Ord, Neb. (5 head); R. A. Tawney, Pierce, Neb. (20 head); G. W. Briggs & Son, Clay Center, Neb. (11 head); Arch Brown & Sons, Waterloo, Neb. (11 head); Stuart & McCann, Kennard, Neb. (18 head); J. O. Hunt, Marysville, Neb. (19 head); E. J. Brown, Osceola, Neb. (8 head); J. A. Ollis, Ord, Neb. (13 head); Gerald Wilcox, McCook, Neb. (9 head); Smith Brown, Waterloo, Neb. (9 head); C. E. Pratt, Frankfort, Kan. (9 head); Hal C. Young, Lincoln, Neb. (22 head); Moats & Son, Randolph, Neb. (6 head); E. Z. Russell, Blair, Neb. (14 head); G. Van Patten, Sutton, Neb. (17 head); B. F. May, Campbell, Neb. (2 head); J. E. Mendenhall & Son, Fairbury, Neb. (16 head); L. H. Page & Son, Fairbury, Neb. (14 head); John M. Morrison & Son, College View, Neb. (8 head); Peek & Putnam, Tecumseh, Neb. (11 head); N. J. Peterson, Ord, Neb. (12 head); W. G. Unitt, Seward, Neb. (4 head); T. J. Current, Hildreth, Neb. (9 head); Wm. Sutter, Liberty, Neb. (7 head); Carl Hanson, Herman, Neb. (10 head); Chas. Van Patten, Sutton, Neb. (6 head); S. P. Briggs, Seward, Neb. (21 head); G. F. Dorsch, Cook, Neb. (2 head); W. A. May, Blue Hill, Neb. (9 head); W. A. Kirkpatrick, Lincoln, Neb. (20 head); O. J. May, Bennett, Neb. (5 head); W. Siders, Bennett, Neb. (15 head); Jos. Boehler, Alma, Neb. (7 head); M. A. Sellers & Son, Huntley, Neb. (8 head); E. S. Sohl, Cedar Bluffs, Neb. (4 head); Jacob Wernsmann, Cedar Bluffs, Neb. (12 head); F. W. Whitrock, Falls City, Neb. (6 head); Pete Peterson, Herman, Neb. (1 head); W. F. Waldo, DeWitt, Neb. (13 head); Nels Holms, Osceola, Neb. (10 head); Philip Albrecht, Smith Center, Kan. (13 head); Carl Loudin, Clay Center, Neb. (1 head); J. Stroh, DeWitt, Neb. (8 head); C. E. Olson, Colon, Neb. (9 head); P. H. Munk, Broken Bow, Neb. (1 head); Peter Jacoby, Aurora, Neb. (1 head); Ward Bros., Republic, Kan.; E. K. Young & Son, Havelock, Neb.; J. M. Lampert, Wahoo, Neb. (5 head); S. J. Tillman, Ragan, Neb. (16 head); Roberts & Harter, Hebron, Neb. (16 head). The following awards were made by N. H. Gentry, of Sedalia, Mo.:

AWARDS.

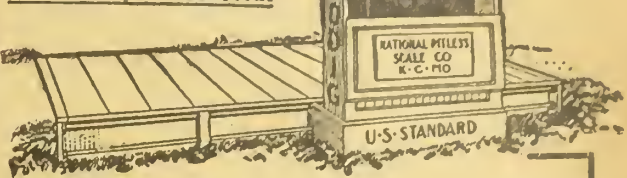
Boar Two Years and Over (17 in class)—First, Stroh, on Hogate's Model; second, Russell, on Glendale Critic; third, Loudon, on Jumbo Perfection; fourth, Ward Bros., on Model H.; fifth, Moats, on Duroc Challenger's Wonder; sixth, Unitt, on Long Wonder.
 Boar Eighteen Months and Under Two Years (5 in class)—First, Current, on Jumbo Jr.; second, Briggs; third, Young & Son, on Luther H.; fourth, Wernsmann, on Nutwood; fifth, Young, on Queen's Kan't Be Beat.
 Boar One Year and Under Eighteen Months (24 in class)—First, Van Patten, on Tom avis; second, Moats & Son, on Crimson Critic; third, Russell, on Critic's Echo; fourth, Rowe, on Billy Medoc; fifth, Ward Bros., on Paul's Jumbo; sixth, Waldo, on Crmson Wonder A.
 Boar Six Months and Under One Year (23 in class)—First, May; second, Mendenhall & Son; third, Stroh; fourth, Stewart & McCann; fifth, Young; sixth, Loudon.
 Boar Under Six Months (71 in class)—First, Pratt, on pig by Improver II.; second, Whitrock; third, Mendenhall & Sons, on pig by Bell's Chief; fourth, Roberts & Harter, on pig by Crimson Jack; fifth, Waldo, on pig by Bell's Chief; sixth, Pratt, on pig by Improver II.
 Sow Two Years and Over (16 in class)—First, Rowe, on Middle Rose Lady; second, Brown, on Fancy Maid; third, Lund, on Lund's B.; fourth, Ollis, Jr., on Elmira; fifth, Brown, on Gold Dust Queen; sixth, Hunt, on Goldie's Pride.
 Sow Eighteen Months and Under Two Years (4 in class)—First, McCann, on Beauty's Model; second, Wilcox, on Minnie Jumbo; third, Pratt, on Iowa Genevieve; fourth, Young, on Red Bird W.
 Sow Twelve Months and Under Eighteen (35 in class)—First, Van Patten, on Model C.; second, Mendenhall & Son, on Blue Valley Queen; third, Van Patten, on Model B.; fourth, Rowe, on Billie's Sister; fifth, Russell, on Bob's Fancy; sixth, Stewart & McCann, on Red Bird.
 Gilt Six Months and Under One Year (37 in class)—First, Mendenhall & Son; second, Hunt; third and fourth, Van Patten; fifth, Rowe; sixth, Pratt.
 Gilt Under Six Months (61 in class)—First, Mendenhall & Son; second, Hunt; third and fourth, Van Patten; fifth, Wernsmann; sixth, Hunt.
 Champion Boar—Stroh, on Hogate's Model.
 Champion Sow—Rowe, on Middle Rose Lady.
 Senior Herd—First, Russell; second, Van



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Patten; third, Mendenhall & Son; fourth, Stewart & McCann.

Junior Herd—First, Mendenhall & Son; second, Hunt; third, Van Patten; fourth, Whitrock.

Produce of Sow (Three Head)—First, Van Patten, on produce of Rosebud Lady; second, Mendenhall & Son, on produce of Miss Crimmon; third, Van Patten, on produce of Rosebud Lady; fourth, Mendenhall & Son, on produce of Red Ola.

Four Head, Get of Boar—First, Van Patten, on get of Billi K.; second, Mendenhall & Son, on get of Mendenhall Challenger; third, Russell, on get of Glendale Critic; fourth, Hunt, on get of Chief Orion.

POLAND CHINAS.

The Poland China exhibit was a great show of good stock and a close observer would not be willing to place it second to the Duroc show, even if they were outnumbered by about a hundred head. In this ring the competition was close and required very close work on the part of the judge to locate prizes where they belonged. Among those attending with herds were: H. C. Dawson, Endicot, Neb. (12 head); Dawson & Mendenhall, Endicot, Neb. (9 head); Joe Schmidt & Son, Wymore, Neb. (17 head); Geo. H. White, Emerson, Iowa (12 head); H. Hamilton & Son, Guide Rock, Neb. (20 head); H. W. Seefus, Waterloo, Neb. (8 head); W. J. Bowman, Smith Center, Kan. (12 head); J. M. Frazier & Sons, Fort Crook, Neb. (8 head); W. H. Deigan, Raymond, Neb. (8 head); Speit Bros. & Knight, Bethany, Neb. (28 head); C. V. Waugh, Brayton, Neb. (6 head); Wm. Lonergan, Florence, Neb. (12 head); C. M. Hulbert, Oakland, Neb. (29 head); E. M. Metzger, Fairfield, Iowa (9 head); Segrist & Stout, Humboldt, Neb. (11 head); H. C. Luckey, Bethany, Neb. (31 head); F. R. Barrett, Cadams, Neb. (2 head); W. T. Hammond, Osborne, Kan. (9 head); Hill Bros., Trumbull, Neb. (9 head); Frank Davis, Holbrook, Neb. (7 head); W. M. Conn, Utica, Neb. (23 head); J. R. Stewart, Postis, Kan. (12 head); J. C. Meese, Comatock, Neb. (11 head); E. Jackson, Raymond, Neb. (20 head); W. L. McNutt, Ord, Neb. (6 head); C. A. Lewis, Beatrice, Kan. (9 head); C. F. Hutchinson, Bellaire, Kan. (20 head); G. Wilcox, McCook, Neb. (5 head); Frank Riggs, Bethany, Neb. (12 head); E. E. Matticks, Spring Ranch, Neb. (8 head); O. N. Remington, Tekamah, Neb. (3 head); H. C. McGrath, Clarks, Neb. (12 head); Cedar Bank Stock Farm, Fullerton, Neb. (6 head); Willow Dell Stock Farm, Ord, Neb. (5 head); Harvey Johnson, Logan, Iowa (1 head); Spelts Bros., Bethany, Neb. (11 head); Young & Duncan, Madiam, Neb. (11 head); McKeever & Son, Hubbell, Neb. (12 head); J. T. Menchan, Summerfield, Kan. (8 head); J. H. Seid, Nemaha, Neb. (14 head); McNull & Meese, Ord, Neb. (12 head); Fred Friedley, Verdon, Neb. (22 head).

AWARDS.

The awards were placed by O. C. West, of Paullina, Iowa, as follows:
 Boar Two Years Old and Over (17 in class)—First, Bowman, on Stylish Perfection; sec-

ond, Hulbert, on Oakland's Prospect; third, Dawson & Mendenhall, on Pan Junior; fourth, McKeever & Son, on Expansion C.; fifth, Johnson, on Chief Tecumseh 4th; sixth, Dawson & Son, on What's Ex.

Boar Eighteen Months and Under Two Years (6 in class)—First, White, on Contractor; second, Remington, on Golden Rule Keeper; third, Young & Duncan, on Missouri King; fourth, Seefus, on L. S. Perfection; fifth, Matticks, on Ideal Dude; sixth, Luckey, on Luckey's Blain.

One Year and Under Eighteen Months (18 in class)—First, Meese, on Grand Look; second, Segrist & Stout, on Ducky Holmes; third, Metzger, on Dudda Winner; fourth, White, on Perfection I Know 2d; fifth, Lewis, on Norral Chief; sixth, Dawson & Son, on Dictator.

Boar Six Months and Under One Year (43 in class)—First, Hulbert, on pig by L. & W.'s Perfection; second, Segrist & Stout, on pig by McKay's Choice; third, Lewis, on pig by Corrector; fourth, Metzger, on pig by Nemo's Dude.

Boar Pig Under Six Months (65 in class)—First, White, on pig by Perfection I Know 2d; second, Smith & Rleshiek, on pig by Grand Chief 2d; third, Metzger, on pig by Winning Dude; fourth, Metzger, on pig by Winning Dude; fifth, Spelts Bros., Knight & Co., on pig by Black Prince; sixth, Hamilton & Son, on pig by Mogul.

Sow Two Years Old and Over (15 in class)—First, Schmidt & Son, on Wilkes Queen; second, Meese, on Graceful Girl; third, Dawson & Mendenhall, on May Queen; fourth, Dawson & Bakewell, on Wauensee; fifth, Matticks, on O. K. Lady; sixth, Jackson, on Ideal Tecumseh.

Sow Eighteen Months and Under Two Years (9 in class)—First, Lewis; second, Young & Duncan, on Queen of Diamonds; third, White, on Pet Sunshine; fourth, Meese, on Sweet Look; fifth, Hamilton & Son, on Rosette; sixth, Lonergan, on Jumbo.

Sows One Year Old and Under Eighteen Months (26 in class)—First, Menehan, on Fannie Priceless 4th; second, Dawson & Mendenhall, on Poland Queen; third, Metzger, on Dudda's Fashion; fourth, Lewis, on Lady U. S. Grand; fifth, Lonergan, on Jumbo's Babe; sixth, Metzger.

Sow Six Months and Under One Year (50 in class)—First, Dawson & Mendenhall, on Gronetta; second, Dawson & Mendenhall, on Gronanle; third, Dawson & Mendenhall, on Gronanle; fourth, Bowman, on pig by Stylish Perfection; fifth, Metzger, on pig by Nemo L's Dude; sixth, Frazier, on pig by Villisca.

Sows Under Six Months (37 in class)—First, Metzger, on pig by Winning Dude; second, Metzger, on pig by Winning Dude; third, Lewis, on pig by Corrector; fourth, Seefus, on pig by L. S. Perfection; fifth, Seid, on pig by Perfection C.; sixth, Spelts Bros. & Knight, on Black Prince.

Sweepstakes Boar (9 in class)—Bowman, on Stylish Perfection.
 Sweepstakes Sow (7 in class)—Schmidt & Son, on Wilkes Queen.

Boar and Three Sows Over One Year (sows bred by exhibitor)—First, Meese; second, Metzger; third, Dawson & Bakewell; fourth, Hammond.

Boar and Three Sows Under One Year (sows to be bred by exhibitor) 12 herds in class)—First, Dawson & Son; second, Metzger; third, Hulbert; fourth, White.

Four Head, Any Age, Get of Same Sire and Bred by Exhibitor (17 in class)—First, Meese;

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second, McNutt & Meese; third, Metzger; fourth, Segrist & Stout.

Best Three Head of Swine, Produce of Same Sow and Bred by Exhibitor—First, Meese; second, Dawson & Son; third, Metzger.

BERKSHIRES.

The following is a list of Berkshire exhibitors: Jacob Wernsman, Cedar Bluff, Neb. (11 head); Weber & Apperson Co., Tecumseh, Neb. (5 head); T. J. Condon, Pawnee, Neb. (17 head); Harris McMahon, Laramie, Mo.; F. A. Scherzinger, Nelson, Neb. (10 head); Muirhead & Gordon, Pawnee City, Neb. (5 head); W. R. Holt, Falls City, Neb. (23 head); Honeywell & Reedy, Lincoln, Neb. (9 head); Etzler & Moses, Decatur, Ind. (20 head).

AWARDS.

Aged Boars (2 in class)—First, Congdon, on Charmer's Duke; second, Scherzinger, on Homestead Duke.

Boar One Year and Under Eighteen Months (6 in class)—First, Holt, on Aimless; second, Scherzinger, on Homestead Model; third, Muirhead & Gordon, on Jennie's Duke; fourth, Weber & Apperson, on Royal Robin; fifth, Etzler & Moses, on Starlight; sixth, Honeywell, on Nebraska Black Robinhood.

Six Months and Under One Year Boar (14 in class)—First, Congdon, on pig by Charmer's Duke; second, Holt, on pig by Duke of Wooddale; third, Etzler & Moses, on Premier Starlight; fourth, Scherzinger, on Homestead Prince; fifth, Congdon, on pig by Charmer's Duke; sixth, Congdon, on pig by Charmer's Duke.

Over Six Months and Under One Year Boar (6 in class)—First, Holt, on Goldust; second, Congdon, on Choice Goods 2d; third, Weber & Apperson, on Helicrist King; fourth, Congdon, on Judge Davis; fifth, Weber & Apperson, on Helicrist Champion.

Sow Two Years and Over (3 in class)—First, Etzler & Moses, on Starlight Queen; second, Etzler & Moses, on Lady Vic 10th; third, Congdon, on Pawnee Lady.

Sow Eighteen Months and Under Two Years (4 in class)—First, Holt, on Violet Pride; second, Holt, on Laura 2d; third, Etzler & Moses, on Starlight Duchess.

Sow One Year and Under Eighteen Months (7 in class)—First, Etzler & Moses, on Starlight Lady Lee; second, Etzler & Moses, on Straight Lady Lee; third, Holt, on Straight Lady Lee; fourth, Scherzinger, on Homestead; sixth, Honeywell & Judy, on Rose 29287.

Sow Six Months and Under Eighteen (12 in class)—First, Holt, on Goldie; second, Etzler & Moses, on Starlight Lady; third, Etzler & Moses; fourth, Etzler & Moses; fifth, Congdon, on sow by Charmer's Duke; sixth, Weber & Apperson, on Helicrist Lady.

Sow Under Six Months (11 in class)—First, Etzler & Moses; second, Etzler & Moses; third, Congdon; fourth, Congdon; fifth, Holt; sixth, Holt.

Boar & Three Sows Under One Year (3 in class)—First, Holt; second, Etzler & Moses; third, Congdon.

Three Head Produce of Sow (7 in class)—First, Etzler & Moses, on produce of Lady Lee 88th; second, Holt, on produce of Oill; third, Scherzinger, on produce of Royal Empress 79th; fourth, Congdon, on produce of Duchess.

Four Head Get of Boar (6 in class)—First, Etzler & Moses, on get of General Starlight; third, Holt, on get of Ardmore Chief; fourth, Scherzinger.

Boar and Three Sows Over One Year—First, Holt; second, Etzler & Moses; third, Scherzinger.

Best Sow, Any Age, (2 in class)—Holt, on Valley's Pride.

Best Boar, Any Age—Congdon, on Charmer's Duke.

CHESTER WHITES.

The following is a list of the exhibitors in this class: Vanderslice Bros., Cheney, Neb.; Gilmore Bros., Fairbury, Neb.; Frank C. Tatro, Geneva, Neb.; Jno. Cramer, Beatrice, Neb.; W. M. Gilmore & Sons, Fairbury, Neb.; J. W. Wharton, University Place, Neb.

Boar Two Years and Over (3 in class)—First, Vanderslice Bros., on Tom Junior; second, Tatro, on Extra Finish; third, Gilmore & Son, on Teddy R.

Boar Eighteen Months and Under Two Years (1 in class)—First, Cramer, on Climax.

Boar One Year and Under Eighteen Months (4 entries)—First, Tatro, on Teddy R.; second, Vanderslice Bros.; third, Gilmore & Sons, on Big Jim; fourth, Gilmore & Sons, on Long John.

Boar Six Months and Under One Year (5 in class)—First, Gilmore & Sons, on Dandy; second, Gilmore & Sons, on Punch; third, Gilmore Bros., on Harry; fourth, Gilmore Bros., on Tommy; fifth, Vanderslice Bros.

Boar Under Six Months (12 in class)—First, Vanderslice Bros.; second, Tatro; third, Vanderslice Bros.; fourth, fifth and sixth, Cramer.

Sow Two Years and Over (6 in class)—First, Vanderslice Bros., on Nebraska Girl 2d; second, Vanderslice Bros., on Nebraska Girl 3d; third, Vanderslice Bros., on Nebraska Girl 1st; fourth, Gilmore & Sons, on McKinley Belle.

Sow Eighteen Months and Under Two Years—First, Gilmore & Sons, on Belle; second, Vanderslice Bros.

Sow One Year and Under Eighteen Months (4 in class)—First, Gilmore & Sons; second, Vanderslice Bros.; third, Gilmore & Sons.

Sow Six Months and Under One Year (6 in class)—First and second, Vanderslice Bros.; third and fourth, Gilmore & Sons; fifth and sixth, Cramer.

Sow Under Six Months (9 in class)—First and second, Gilmore & Sons; third and fourth, Wharton; fifth, Tatro; sixth, Cramer.

Sweepstakes Boar (3 in class)—Gilmore & Sons, on Dandy.

Sweepstakes Sow (2 in class)—Vanderslice Bros., on Nebraska Girl 2d.

Boar and Three Sows Over One Year, Bred by Exhibitor (3 in class)—First, Vanderslice Bros.; second and third, Gilmore & Sons.

Boar and Three Sows Under One Year, Bred by Exhibitor (2 in class)—First, Gilmore & Sons; second, Vanderslice Bros.

Four Head of Swine, Get of Same Boar (5 in class)—First and third, Vanderslice Bros.; second, Gilmore & Sons; fourth, Tatro.

Three Head, Produce of Sow (6 in class)—First and third, Vanderslice Bros.; second, Gilmore & Sons; fourth, Tatro.

SHEEP.

The display of sheep, though not large in numbers, was of a very creditable quality. This is assured when the names of the only exhibitors are mentioned. The Shropshire was represented by that veteran breeder, George Allen, of Lexington, Neb., than whom we have but few more successful breeders and fitters. His sheep were full of quality, as we discovered in looking over his lot of fifty head he had on exhibition. Robert Taylor, of Abbot, Neb., had fifty head of Ramboulllets, Hampshires and Leicester. We suggest that the management of the Nebraska State Fair use an extra effort to get breeders of sheep at their fairs. The state is full of sheep and it is one of the profitable industries in the state. The premiums offered on sheep by that state is little better than county fairs are offering. A good list will bring the sheep and help make up a great stock show.

Echoes From a Kansas Farm

By Henry Hatch

The question that everyone asks now is, is it a land boom? Some say it is, others say it isn't.

Two years ago a friend bought an eighty-acre farm for \$1,510. He is about to sell now for \$3,200. He will buy another "run down" place and fix it up. There seems to be money in "run down" farms.

Most of the so-called run down farms of the West require about \$50 worth of well-directed work to bring them back into shape. Just keep the weeds mowed, the house painted and the fences in repair, is all.

Crop reports depend a good deal on the man who is doing the reporting. For instance, yesterday's daily has two reports on the fruit crop, both not far from here, and one has thousands of bushels of apples to be barreled and shipped, while the other tells of 160-acre orchards without an apple.

If the appearance of a corn field counts for anything, the corn binders will knock off a lot of ears this fall. Last year, though a good crop, most of the ears grew straight with the stalk, and very few were knocked off by the binder, but this year they lop over. There'll be pig feed during corn harvesting this fall.

It is probably impossible to make a corn binder that will not knock off ears when the corn is heavy, and the ears hang over. Some will say that one style of binder will not knock off as many ears as another, but we have had about all makes of corn binders cutting corn for us, and one does the same as the other, as far as knocking off ears goes.

Late cut prairie hay is poor provender for a horse. There is a well-established theory around here that grass allowed to become too ripe before being cut is the cause of most of the worms in horses, if the hay is used for horses. We only know that a neighbor who believes late cut hay is "the stuff" is always doctoring his horses for worms.

Several have inquired about making cement floors for their hen houses. They ask if anyone can make one, or if it takes a mason. Anyone can. Just dig down about three inches below the outside walls of the building, fill up to the level with pounded rock or sharp gravel, on this pour your cement from pail and spread with a trowel. Mix one part of cement to four or five of sand, while dry, then wet it and spread immediately.

When a person makes up his mind that he can do anything and sets himself about it, it is surprising what he can do. We know of some farmers who think they cannot do such work as building a common corn crib or shingling a roof. They hire all like that done, and find at the end of the year they haven't made as much money as they should. To be a farmer these days means to be a lot.

To know how to "run" an engine and to be an engineer are different things.

"Buffalo Calf" Shoes Can't Rip

COMMON shoes often rip in the seams before their soles are half worn through. That is because they are sewed with ordinary thread which begins to rot the first time it gets wet. "Buffalo Calf" Shoes are sewed with waxed thread which is not affected by water. The back seam is "cylinder fitted," to give it extra strength, and, where the vamp is joined to the upper, the seam is sewed with three rows of stitching—one more than on other shoes—and all with waxed thread.

"Buffalo Calf" Shoes don't have to be broken in, because their tops are made from the skins of young cattle, raised inside, and these skins are tanned by a special process, and softened, like Indian buckskin, by "boarding" and handworking. Leather so handled is freed from all the tanning juices and will not harden after a wetting. The shoes always dry out soft and easy to your feet.

Old cattle have age wrinkles that stiffen their hides. These come sooner on out-door cattle than on those raised inside. Their skins have to be tanned with powerful chemicals and bark juices, and the leather can be softened only by artificial greasing. The acids and tan juices left in such leather, draw and irritate your feet.

The leather in "Buffalo Calf" Shoes is tough and close grain, because made from hides of cattle killed in July, August and September, only. Such hides are known as "short hair hides." They are fine, close grain and very tough. Animals slaughtered in winter and spring have "long hair hides" with coarse, loose fiber because much of the strength of the skin goes into the heavy winter coat of hair.

The soles of "Buffalo Calf" Shoes are made from Hemlock tanned Texas steer hides, and their heels, counters, insoles and all soles are all solid leather. We use no corn fiber nor mounded counters. Linings of "Buffalo Calf"

Shoes are heavy twilled duck—seamless so there will be no edges to roll up and chafe and blister your feet.

Under the toe caps of all "Buffalo Calf" Shoes, the vamps go clear over to the soles. So if you wear the toe caps out, the vamp toes under them are still good. These are the main reasons why "Buffalo Calf" Shoes

Out-Wear All Others.

They will stand all the hard knocks you can give them. Weather makes no difference. Neither snow, ice, mud nor water have any effect on "Buffalo Calf" Shoes.

Ask your dealer for "the shoes with the Buffalo Calf." Every pair of "Buffalo Calf" Shoes has tied to the straps, a piece of our special vamp and upper leather, cut in the shape of a buffalo calf. If you can tear this piece of leather with your fingers, we will give you a new pair of shoes FREE.

If your dealer does not carry "Buffalo Calf" Shoes, write to us for one of the leather buffalo calves to test, and then tell him about it. "Buffalo Calf" Shoes are made in all sizes—men's, youth's and boys—they will outlast any others you can buy, and they don't cost any more than common shoes.

Why should you pay good money for common shoes that have to be broken in—that draw, chafe and blister your feet—that cause corns, bunions and callouses—and that are bound to rip long before you can get half the wear you should out of the leather, when you can just as well—and for the same money—or less accordingly—get shoes that are always soft, can't rip and will outwear and outlast any others made.

In "Buffalo Calf" Shoes you get your money's worth always. Insist on getting them. Remember the little Buffalo Calf tied to the straps. Ask about it and tell your dealer how tough the leather is. If he refuses to investigate, write direct to us.

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HOMESEEKERS' EXCURSIONS. CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas; Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit

of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. Ry., until December, 1906, to authorized homeseeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

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HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Picking and Handling Fall and Winter Apples.

Many of the fall and early winter apples will bear picking when the seeds are first browned and before they are fully colored. The Fameuse, Wealthy, Alexander, Jonathan, Grimes Golden, and many of the Russian varieties will complete their coloring and ripen with unimpaired flavor if picked much earlier than is usual. Such early-picked fruit should be barreled when dry and stored ranked up on their sides under a hay or straw-covered shed with free air circulation until wanted for sale in early winter. If the cold becomes severe enough to endanger freezing, the barrels can be protected by a straw covering. Some methodic growers known to the writer keep Fameuse, Wolf River, Lubsk Queen, and other handsome fall apples into the winter, with profit in the way stated by waiting until the last of November before removal from the shed to the cellar. The straw or hay-covered shed has done good service in the West, as it does not heat up in the sunshine like an enclosed building of wood or even brick. But I have had even better success in storing fall apple barrels on their side in a dirt-covered cave. This was closed during the day and opened on two sides during the night. In this way the cooler air of the night was stored for use during the day. The autumn pears can also be picked when the seeds first turn brown. If picked when the stem parts quite readily from the spur and properly stored such varieties as the Kieffer and Mongolian snow will develop dessert quality never attained when ripened on the tree. For distant shipment most fall varieties of the pear picked when hard will ripen up in the covered crates or baskets in a cool, dry room. But it pays best to mature them before reaching the market.

In different sections the season for picking a given variety varies exceedingly. As instances, Rhode Island Greening and Northern Spy will ripen on the trees in Iowa or Kansas if left until the usual time of picking in western New York. In the dent-corn sections of the West and Southwest winter apples are picked when the seeds are brown and the stem parts from the spur without rupture of the bark. Over the West and Southwest winter apples must be picked three weeks earlier than in the Atlantic states. Yet picking at proper time is more imperative in the Southwest than in New York, as even the Ben Davis will get mellow on the trees if left until freezing weather is feared. In picking, varieties of the season of Jonathan and Fulton are picked first, and the tougher late apples, such as Willow and Stark, last of all.

The essentials of good keeping are picking when the stem parts quite easily from the spur, picking when dry, handling as carefully as eggs, and getting them as soon as possible into a relatively dry, cool place. The old idea of "going through the sweat" before placing in the cellar has no foundation. Apples or other fruits will sweat at any time if when cool they are exposed to a current of warmer air loaded with moisture.

Earth-covered caves are used often by nurserymen to store grape vines and fruit trees and for storing grafts of the orchard fruits. The few who have tried it on a large scale also find it a desirable place for storing winter apples. For apple storage it should have ample ventilation. When the apples are put in from the orchard in the fall the

days are usually warm and the nights cool. During the night keep doors and ventilators open, and during the day keep all closed, putting in each day's picking early in the morning. Even in winter the cave is opened at night for a longer or shorter period, depending on the temperature, to let in cold air, which is held during the day by keeping every aperture closed. Those who have had experience with the cave method prefer it to all others, except ammonia cold storage. But it must be kept in mind that when the cellar air is near freezing in winter, if it is opened at midday, when the air outside is much warmer and loaded with moist air, it will rush in and precipitate its moisture.—Budd and Hansen's Manual.

Fall Care of Strawberry Bed.

To the Editor of The Homestead:

The condition of many strawberry beds at this time is not at all satisfactory to their owners. In many cases there are so many weeds, the vines have scarcely room to root, and certainly not enough room to develop. Occasionally, a patch has been tended carefully and though free from weeds, the vines are so thick as to form a solid mat between the rows. In other plantings vines and weeds vie with each other and both seem healthy; yet this condition, like the other two mentioned, is unpromising and unsatisfactory.

If the hopeful berry grower has made the mistake of planting his vines in the summer or fall, there is nothing for him to do but clean out the weeds and cultivate the rest of this season and all of next for a crop the year following.

The ordinary bed set last spring or cultivated this season after bearing a crop needs some care at this time, and its success next year depends largely upon whether it receives it or not.


In the first place the weeds must be kept down and the vines must be confined to rows, leaving paths between for the pickers. Both results may be obtained to some extent by combining a cultivator and vine-cutter in one implement. This is done by taking off the two outside shovels of the Planet, Jr., plow and bolting on rolling cutters in their place by means of straps of iron. The writer has rigged up such a tool and it beats anything in the market for practical use.

Many do not cut the vines but merely allow them to be thrown aside by the plow in passing through them. This is a mistake. Where a runner is cut off the plant from which it came at once throws up a new crown which will produce fruit the next season. But if the runner is merely uprooted, the mother plant expends its energy in supporting it, thereby becoming weakened and unproductive.

The plow should be set to cut the width of the row to not more than eighteen inches. By driving the horse carefully very nice work can be done, and the ground covered quite rapidly. Next is the problem of cleaning out the rows. Hand work is often necessary here, though a hoe may be used where there is room. If the vines are thick there should be no hesitancy in cutting out part of them, care being exercised to remove every young plant that is uprooted for reasons suggested above.

Culture is the secret of successful berry raising. The cultivator should be kept busy all the season. No weeds should be allowed to go to seed in the berry patch. Their presence means grief to the picker and a short crop to the grower. If the work is done at the proper time and the weeds not allowed to gain headway, the expense of cultivation will not be great. In fact, frequent cultivation is actual economy of time and expense, to say nothing of increase in yield.

Many stop cultivating as soon as the danger from weeds is past. This is an error. The last cultivation should be as late as possible in the fall. The purpose of this is the conservation of moisture. The past season was a forcible demonstration of the wisdom of this policy. In beds where the soil had not been cultivated late, it was hard in the spring. The dry weather did great damage, drying up many plantations completely. In others which had been cultivated late, the soil was loose and porous in the spring and the vines withstood the drouth well. Copious rains came just at a time when poorly tended beds were past help and as a consequence the careful growers had the whole mar-



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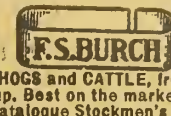
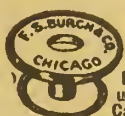
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AT Pike Timber. A good lot of yearling Shropshire rams, all got by the Imp. ram Lord Byron (0989-10) and some of them out of imported ewes.

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GOATS FOR SALE.
Polled Angoras, does and bucks. Must be sold at once.

S. S. McKIBBEN, - - DesOTO, IA.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic, Cass County, Iowa.

ket through the best part of the season.

It is the thorough work, the extra effort in berry growing, more perhaps than in almost any other line of agriculture, that makes the difference between success and failure. Certain it is that in berry growing half-way methods cannot be depended upon for any great returns.

Polk Co., Iowa. Franklin Brown.

That "Simplicity" means strength and power is not realized by some people. If you will give this question careful consideration and read the advertisement on page 5 by the Litchfield Manufacturing Company you will see the value of simplicity.

Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa Section, from the central station at Des Moines, Iowa, for the week ending Sept. 10, 1906:

Abnormally high temperatures were registered at all stations during the latter part of the week ending on the morning of the 10th. At the central station the average daily excess was 6.3 degrees, which was about the average excess in the central and western districts: Light local showers were reported at Grinnell, Dubuque and Keosauqua, but in the larger part of the state the week was practically rainless. The corn crop has made very rapid advancement toward maturity, and reports indicate that more than half the crop is now in fit condition to be cut and be put in shock or silo. This work is now in progress on the best class of farms, where the fodder is utilized. With a continuance of these favorable conditions the bulk of the corn crop will be practically safe by the 25th; though as a rule in this latitude it is always desirable to have a frostless September to bring to maturity the belated cornfields in all parts of the state. In the northern section the soil is sufficiently moist, but in the central and southern sections copious showers are needed to facilitate fall plowing and revive the pastures. Reports are quite variable as to the probable yield of the potato crop, on account of local differences in the amount of rainfall in the critical stage of growth.

INCREASE YOUR INCOME.

Opportunities in all lines of business in new and growing towns in Iowa, Illinois, Missouri and Minnesota along the line of the Chicago Great Western Railway. Write to Industrial Department, C. G. W. Ry., St. Paul, Minn., for "Town Talk" and county map.

WINTER

SEED WHEAT

62 Bushels Per Acre.

THAT'S the yield of Ratekin's New IMPORTED "MALAKOFF" Winter Wheat. This new wheat was imported by us five years ago from Russia. We have grown and sold thousands of bushels of it since. It has been thoroughly tested everywhere. Is as hardy as Rye. Experimental stations pronounce it the largest yielder, surest cropper and finest milling wheat grown. Seed Wheat Circular, with prices and descriptions of Winter Wheat, Rye, Clover, Timothy and other Grass Seeds, mailed FREE, with samples of "MALAKOFF" Wheat to all who want to make a change of seed.

WRITE TODAY.

RATEKIN'S SEED HOUSE, Shenandoah, Iowa.

STILL COLLEGE OF OSTEOPATHY,

DES MOINES, IOWA


EXPERIENCED INSTRUCTORS. LARGEST OSTEOPATHIC CLINIC IN THE WORLD. Three years' course. OSTEOPATHIC INFIRMARY IN CONNECTION. Send for catalog J. This college is thoroughly reliable and is recommended by all the leading citizens of Des Moines. We are in position to take care of patients of all classes. Infirmary will be open all summer. The best of everything. C. E. Thompson, A. M., D. O., president; William E. D. Rummel, A. M., L. F. B., Secretary and General Manager, 1422 Locust Street.

CLOVER HILL SHROPSHIRE

LEADING FLOCK IN MIDDLE WEST

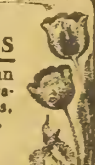
CHOICE imported rams and ewes personally selected by a member of our firm from the flocks of Nock, Milton, Cooper, Williams and Buttar. Also best of home-breds. The low-down, blocky kind with the best of covering. The "good ones" always for sale. Write or visit us.

CHANDLER BROS., KELLERTON, IOWA



Autumn Bulbs

Send for our Autumn Catalog of Tulips, Hyacinths, Narcissus, Crocus, Jonquils, and full line of imported bulbs. The Jewell Nursery Co., Lake City, Miss.



\$1,000 EARNED. NO LABOR. NO SPECULATION. NO RISK.

ONE good investment is worth more than a lifetime of hard labor. Save \$5 a month and invest in successful company producing mahogany, timber, cattle, etc.; it will soon be worth \$1,000. Dividends earned and paid regularly. Write for money-making information, which will be sent you FREE.

Park Mathewson, 1133 Broadway, N. Y.

POPCORN.

Send us sample and price of good Rice Popcorn, shelled.

Shotwell Mfg. Co., 119 N. Peoria St., Chicago

(Largest manufacturers of Popcorn specialties in America.) Keep this advertisement for future reference.

ROYAL PITLESS WAGON SCALE

SOLD on 30 days free trial. For catalog and discounts, address,

Monarch Trubber Co., Lone Tree, Ia.

STARK TREES ARE FAMOUS

wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben,

King David, Delicious, etc.—Stark Bro's, Louisiana, Mo.

60 Bushels Winter Wheat Per Acre.

THAT'S the yield of Salzer's Red Cross Hybrid Winter Wheat. Send 2c in stamps for free sample of same, as also catalog of Winter Wheat, Rye, Barley, Clover, Timothy, Grasses, Bulbs, Trees, etc., for fall planting. **John A. Salzer Seed Co., La Crosse, Wis.**

WANTED

Salesmen to introduce the world's wonder in fruits. Burbank's new seedless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. **Oregon Nursery Co., Detroit, Michigan.**

PATENTS

ORWIG & LANE, DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

\$80 per month, expenses advanced. Men to travel, advertise, post signs and leave samples, **Sunderson Co., Dept. 9, Jackson Blvd., Chicago.**

OXFORD DOWN RAMS FOR SALE.

Sired by a 350 pound ram. **John Graham, Eldora, Ia.**

Wanted men to learn Telegraphy; write J. P. Tighe, care Santa Fe Ry., Arkansas City, Kan.

CEMENT FENCE POSTS.

VERY SPECIAL—To the first THOUSAND farmers who are enough interested in GOOD Fencing to send us a ONE DOLLAR BILL, we will mail COMPLETE instructions and the RIGHT to make and use our Indestructible Cement Fence Posts, Patent No. 702,230. We have a PERFECT post, one that has withstood the test of years of freezing and thawing, a post that will last a lifetime. The instructions contain cuts and photographs, making it so plain that anyone can make good posts at about 2-3 the cost of cedar, 1/2 the cost of iron and BETTER than anything on the market. Will you be one of the first thousand? Don't delay.

THE ROCK CEMENT POST COMPANY.
North Manchester, Indiana.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

STALLIONS AND BULLS—NEW LAW.

Mr. A. N. Vandewater, Orient, Iowa.—Please publish the new stallion and bull law as passed by the legislature last winter.

Answer.—This law is too long to be published in full in these columns. The main feature of it will be found in answer to a question of J. W. Pierce, of Republic, Iowa, entitled "Pedigrees—Stallions and Bulls."

DOG TAX.

Mr. J. B. Henderson, Fort Dodge, Iowa.—Has the city of Fort Dodge a legal right to tax dogs, and to kill dogs when their owners refuse to pay such tax?

Answer.—The city of Fort Dodge and all other cities in Iowa have the power to tax and license dogs, and to provide for this by ordinance, and to also provide by ordinance for the killing of dogs in case their owners refuse to pay the tax levied. See if Fort Dodge has such an ordinance. If it has, then it may collect the tax, or kill the dog if caught at large.

GRADE STALLION.

A Subscriber, Sully, Iowa.—We have a grade stallion which we desire to stand for public service. Some people say that the new law passed by the last general assembly in relation to stallions will not permit us to keep a grade stallion for service. Is this correct?

Answer.—It is not. You can lawfully keep a grade stallion for service, without a certificate of registration, so long as you represent him for what he really is, and make no claims that he is pure-bred, thoroughbred, standard-bred, or registered. The new law applies only to those who represent their stallions as belonging to one of the classes named.

SETTLEMENT OF ESTATE.

A Subscriber, Sanborn, Iowa.—In April, 1905, an estate was left to a number of heirs, all of whom were of age. The oldest son, John, was appointed executor. The estate consisted of a farm of 120 acres and a pasture lot of forty acres three miles from the farm. All this land was rented when John became executor. The rent for the pasture lot became due Dec. 1, 1905, and the rent of the farm became due March 1, 1906. In January, 1906, Frank, one of the heirs sold his share of the farm to John, with the understanding that Frank should not receive any of the rent coming due in March, or pay any of the expenses connected with the farm. John collected the rent of the pasture lot and applied it on the farm for repairs before Frank sold his share to John, but nothing was said about it to Frank, and Frank claims that John must refund to him his share of the rent from the pasture lot. John thinks differently. Which is right?

Answer.—Assuming that the repairs made on the farm were reasonable and necessary, the matter will be settled in this way, namely: John as executor will be charged with all the money that comes into his hands, belonging to the estate from rents and otherwise. Then the

expenses will be paid, including John's compensation as executor, and the debts owing by the estate will be paid, and the balance of the money remaining in John's hands will be divided among the heirs according to the will, and Frank will have his share of the pasture lot and John and the other heirs, except Frank, will own the farm, John having a double share.

ROADS AND FENCES.

A Subscriber, Watertown, Wis.—I own an eighty-acre farm bounded on two sides by two public roads, one being a main road and the other a cross road. My house and barns are on the corner where the roads cross. My pasture and woodland is on the other end of the farm. I drive my cows on the cross road to pasture. My neighbor who lives across the road wants me to make a lane in which to drive my cows to pasture. (1) Can he compel me to do so? (2) Have I a legal right to drive my cows to pasture on the cross road? (3) Can I compel my neighbor to keep a fence on the other side of the road?

Answer.—(1) He cannot. (2) You have. (3) You cannot.

DRAINAGE WATER IN HIGHWAY.

A Subscriber, Osterdock, Iowa.—Water gathers on my side of the public road, and has washed a gully or ditch in my driveway from the road to my yard. If I make a breaker and turn the water across the road on my neighbor's side it cannot enter his field, but must follow along the roadway, on account of an embankment. (1) Have I a right to so turn the water? (2) Has the road boss a right to cut a drain through anyone's driveway while working the road?

Answer.—(1) This is a difficult matter to answer without knowing more about the lay of the land, and where the water so turned across the road would ultimately go. On general principles, you have no right to turn surface water across the road upon your neighbor's depression, that will carry it to a natural water course. (2) The road superintendent has such a right if it is necessary to the proper working of the road, but not otherwise.

PAYMENT ON SUNDAY.

A Subscriber, Yuba, Wis.—A gave his note to C. for \$300. C. traded a cow to B. for a horse, giving \$100 to boot. He paid \$50 of the boot money in cash and told B. to have A. pay him the other \$50, and he, C., would credit that amount on A.'s note. The trade between C. and B. took place on Sunday. A. did give B. \$50 in pursuance of this arrangement, but C. refused and refuses to credit the amount on A.'s note, saying that he don't intend to pay it because A. lied to him about the horse, and also because the trade was made on Sunday. Can C. recover the full amount of the note from A.?

Answer.—We do not think C. can recover the full amount of the note from A. The payment of \$50, which A. made to B., was at C.'s request, and amounted to the same thing as though he had paid it to C. himself. Whether A. paid the \$50 on Sunday, you do not say, but it would not make any difference. It was practically a part payment on a note, and not a Sunday contract.

LAND BOUNDARY.

Mr. Matthias Marty, Monticello, Wis.—A. owns the north one-half of the southeast quarter of section twenty-six, and B. owns the south one-half of the same quarter section. The line fence between these tracts of land is poor and crooked, and has been there a long time. A. wants to put in a new line fence. He had the county surveyor locate the line, and found the old fence all right at the east end, but at the west end, which is the middle of the section, it is two rods too far south. Can A. move the old fence and put it on the new line as located by the surveyor?

Answer.—He cannot do so against B's consent. If B claims the land on his side of the fence, A. will have to bring a suit in court to recover it, and then if it is shown that the line fence has been where it is now located for more than twenty years, and has been recognized by the owners of the two tracts of land, as the division line for all that time, A. would probably lose his case.

NEW LAW ABOUT STALLIONS.

A Subscriber, Delta, Iowa.—I have two imported Percheron Norman stallions, both recorded in the National French Draft Stud Book of America. Does the new law passed by the thirty-first general assembly of Iowa, relating to pedigrees of stallions, require me to send certificate of the pedigree of my stallions to the secretary of the state board of agriculture, or does this law apply only to those who claim to have home-bred full-blood stallions?

Answer.—The new law applies to the owner or keeper of any stallion kept for public service or for sale, exchange or transfer who represents such animal to be pure-bred, thoroughbred, standard-bred or registered, whether such animal be imported or home-bred. You must therefore cause your stallions to be registered in some stud book recognized by the department of agriculture at Washington, D. C., for the registration of pedigrees and obtain certificates of registration, and forward the same to the secretary of the state board of agriculture. After examination by him, if he



T. F. WILLIAMS, M. D.
CONSULTING PHYSICIAN.

What My Patients Say of My Treatment.

Lost Nation, Ia., April 12, 1906.

Dr. T. F. Williams,
Des Moines, Iowa.

I suppose you wondered why I did not answer your letters, but I thought I did not need the treatment any longer. I am letting my system rest from the treatment a while and if any of the symptoms arise again I will be sure to order more treatment. Your treatment has done a great deal for me and I will not hesitate at any time to recommend it to the afflicted.

Thanking you for your liberal offer, I remain,
Yours very truly,
HORACE B. HANSEN.

HAVE YOU CATARRH?

Why will you suffer with this dread disease when you have a positive cure right at your door? I have testimonials from hundreds of my patients who have been PERMANENTLY CURED of CATARRH of the nose, throat, ears, bronchial tubes, stomach, liver or bowels. For eighteen years I have been located in Des Moines and have confined my practice to the treatment of CATARRH.

Hampton, Ia., July 9, 1906.

Dr. T. F. Williams, Des Moines, Iowa.
I don't think I will need any more medicine because I feel perfectly well and have plenty left for the inhaler. A while ago, about four weeks, for one week I felt pretty sick, but that was the change because I got to feel better the next week, and kept on getting better all the time and the last two weeks I feel entirely well, so I don't think there is any need of getting any more medicine and of what I have left there shall not be a drop of it wasted. I remain, Yours truly,
MISS MINNIE LEMKE,
R. F. D. 3, Box 47.

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,

211-218 Crocker Bldg., Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name.....
Address

5,000 People

Visited at the tent of Mr. C. A. Wright (the stock feeder man) during the Iowa State Fair.

99% of these pronounced the "Wright Feeders" the best and most satisfactory feeder on the market. It saves you money.

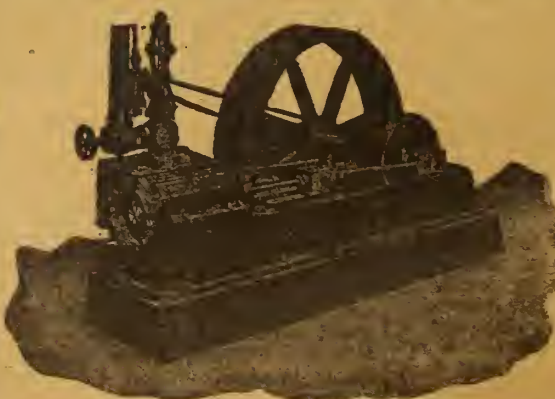
\$10.00 Buys feeder and farm right now, and "WRIGHT" pays the freight.

On and after October 15th all prices will be f. o. b. cars Rosendale, Mo. Order today and save the freight. Write for my illustrated catalog.

C. A. Wright, Rosendale, Mo.

P. S. Remember my sale of Duroc Jerseys October 18th. My prize-winning boar under six months at Iowa and my other winners go in this sale.

STEAM ENGINE FOR SALE AT A BARGAIN



A Frost, automatic, side crank, 8x13, left hand, rated thirty horse power, speed 250 revolutions per minute. Fly-wheel drive, 45x10; three-inch throttle; outboard bearing with adjustable sole plate. This engine is in prime condition, will operate on a 2 per cent variation and would be suitable for belted generator or any other service where steam power can be employed. Address for price and full particulars,

Homestead Co., Des Moines, Iowa.

30 DAYS FREE TRIAL OLD HICKORY BUGGIES

We sell these splendid buggies direct to you, at lowest factory price. Saves you one-half.

GUARANTEED 2 YEARS

"Old Hickory" buggies have quality, have style, have finish, and that lasting quality that no other buggy can equal. You will be surprised at the low factory prices. Write for Catalog today.



Kemper-Faxon Mercantile Co. 1444 W. 9th St. Kansas City, Mo.

Don't Miss This YOU NEED A WAGON SCALE

If you intend buying one, send for Osgood's book showing their big line of Pit and Pitless Scales. Most accurate and durable scale made. Fully warranted on 30 days trial. Osgood Scale Co., 103 Central St., Birmingham, N. Y.

LIGHTNING ARRESTERS

YOU will need one next year, and all of your neighbors will want one. Secure the agency for your county by writing to

J. W. PEDIGO, LUCAS, IOWA.

ADDN to work on piecework \$3 per day. All materials furnished; no canvassing; steady work. Stamped envelope. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

finds them correct, he will issue to you certificates which must be placed on the door of the stalls where the stallions are kept. The fee of the secretary for issuing each certificate is one dollar.

SPECIAL EXCURSION RATES TO COLORADO, UTAH AND THE BLACK HILLS.
Via the North-Western Line. Beginning June 1st excursion tickets will be sold daily to Denver, Colorado Springs, Pueblo, Salt Lake City, Hot Springs, Deadwood, Lead and Custer, S. D., etc., good to return until October 31st. Specially low rate round trip

tickets to these and other points, with favorable return limits will be sold the first and third Tuesday of each month until September 18th, inclusive. A splendid opportunity is offered for an enjoyable vacation trip. Several fine trains via the North-Western Line daily. Apply to agents Chicago & North-Western Railway.

FISHING AND CAMPING.

Tickets are on sale daily to Madison Lake, Waterville and Elysian, Minn., via the Chicago Great Western at rate of one fare and one-third for the round trip. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

The Cream of Cream Separators

The Sharples Dairy Tubular is the cream of cream separators—the pick of the whole bunch. Supply can wait, you can fill it with one hand. All gears enclosed, dirt free, absolutely self-cleaning—no oil holes, no bother—needs only a spoonful of oil once or twice a week—uses same oil over and over. Has twice the skimming force of any other separator—skims twice as clean. Holds world's record for clean skimming.



Bowl so simple you can wash it in 3 minutes—much lighter than others—easier handled. Bowl hung from a single frictionless ball bearing—runs so light you can sit while turning. Only one Tubular—the Sharples. It's modern. Others are old style. Every exclusive Tubular feature an advantage to you, and fully patented. Every Tubular thoroughly tested in factory and sold under unlimited guaranty. Write immediately for catalog J-121 and ask for free copy of our valuable book, "Business Dairying."

The Sharples Separator Co.,
West Chester, Pa.
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A Cream Separator Without Cost

That is What We Offer You in the

Iowa Dairy Separator

Repeated tests have demonstrated that the "IOWA" is the only Separator that takes out every particle of the cream. Therefore, given a certain amount of milk, for a specified length of time, and the additional amount of cream secured will pay for the machine.

Gold medals at World's Fair and Portland attest the superiority of the "IOWA" over all others.

Made in all sizes from 250 to 750 pounds. Your name and address on a postal card will bring you a handsomely illustrated booklet with full information, price list, etc. Write at once, for every day that finds you without an "IOWA" finds you losing money. Ask for catalog 25. Address,

The Iowa Dairy Separator Co.,
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SCALES

ALL STYLES
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30 DAYS
FREE TRIAL



AMERICAN SCALE CO.
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BECKMAN BROS., DES MOINES, IOWA.

IS WHAT YOU CAN SAVE

We make all kinds of scales.

Also B. B. Pumps and Windmills.

OUR DAIRY DEPARTMENT

All communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

CONTAGIOUS ABORTION IN CATTLE.

Some months ago a press bulletin was prepared by Dr. C. L. Barnes, of the Kansas Experiment Station, on the above subject. According to this bulletin, abortion may be caused by drinking considerable ice water, eating a large quantity of cold food (frozen roots or green vegetables covered with frost), exposure to rain or snow storms or wading in ice cold water, injuries to the abdomen (as being crushed by a gate, kicks, or being hooked), foods that are easily fermented, also insufficient or very innutritious foods; too close stabling, heavy milking, early breeding, inbreeding, stagnant drinking water, ergoted grasses and smut in various grains, irritant vegetables, impaction of rumen and constipation, severe constitutional diseases, direct irritation of the womb (as in the removal of the ovaries or death of the offspring) and irritation of the kidneys. Whenever abortion of cows cannot be traced to any of the above causes the contagious form of abortion is to be suspected.

"Contagious abortion is quite common and frequently causes considerable loss, not only from losing the young, but also from the fact that many of the cows that have aborted fail to breed again. Contagious abortion is probably caused by several different germs and is transmitted from one animal to another by contact, by means of the discharge of the cow that has aborted, the afterbirth, dead calf, and from bulls that have served cows affected with the disease.

"Cows may abort any time, but it usually occurs from the third to the seventh month. Occasionally the early symptoms pass unnoticed, but in most cases there is some heat and enlargement of the udder, the vulva is somewhat swollen, and there is a discharge of white or yellowish mucus, which is not unlike the normal transparent material which discharges during heat. After abortion, the afterbirth is usually retained, giving rise to a very disagreeable discharge, which continues for some time.

"All suspected cows should be isolated from pregnant ones, and should any cows abort, the offspring and afterbirth should be burned or buried deeply and the stable thoroughly disinfected by the use of lime on the floor, after all the litter has been removed and burned. Then the woodwork should be disinfected with corrosive sublimate solution, using it in the proportion of one to one thousand. The tablet of corrosive sublimate may be secured at any drug store with directions for use. Ten days after the first disinfection with corrosive sublimate, all woodwork should be disinfected a second time. A week after the second disinfection, the entire stable should be whitewashed.

"Cows that have aborted should be washed out with a 1-per-cent solution of creolin or lysol, continuing this daily until all discharge has stopped. Pregnant cows should be given sodium hypsulphite once daily, in tablespoonful doses, as a drench. When cows abort in pasture, great care should be taken to burn the offspring on the spot where it dropped, and the immediate vicinity should be thoroughly limed.

"As a precaution to prevent the spread of the disease in an aborting herd, it is well to disinfect the tails and also the vulva and immediate parts with a 5-per-cent creolin solution, to make sure of preventing the entrance of the germ into the womb. Bulls that have been with an aborting herd should not be allowed with healthy cattle; and to prevent their spreading the disease, they should receive the same disinfection advised for cows. Cleanliness and the proper isolation and disinfection of cattle should be strictly adhered to in order to eradicate the disease."

Creamery property at Mt. Carmel, Ia., for sale, including necessary buildings, grounds, machinery. M. J. Berger, Sec., Carroll, Ia., R.2.

Kansas Weather and Crops.

To the Editor of The Homestead:

This week has been as you like it—wet or dry. It has rained and it has not rained, depending on which corner of the section you live. Here at this particular spot it has rained, and the roads and fields are still muddy as the natural result of it; five miles west of here it has

Timely Warning Against "MAIL ORDER" CREAM SEPARATORS

The "Farm Implement News," of Chicago, quotes the following good advice to dairy farmers from a lecture by Prof. C. E. Lee, of the University of Illinois State Experiment Station.

After dwelling at length upon the advisability of farmers buying cream separators, as they secure at least a third more butter fat from the milk than the old-fashioned setting processes of "raising" cream, and stating that Iowa has 50,000 hand separators in use and Illinois was fast following this pace and would increase the annual value of the milk now produced by nearly a million dollars if every butter maker in the state had a separator, Mr. Lee was asked the name of the separator he would advise the farmer to buy, and replied:

"I am not at liberty to give my preference, for I am not selling separators—if I were to name a separator manufacturer, either to you here in public or in private, I would lose my position—but there is one thing I desire to warn you farmers against, and that is buying hand separators from the 'mail order' houses. Don't do it—you will regret it. The machines do not give results and they do not last. Our department receives hundreds of inquiries as to 'What's the matter with my separator? It doesn't do this or it doesn't do that,' and I tell you, gentlemen, that in every instance when we ask them to name their separator it is a 'mail order' house machine and almost worthless when it is new."

Don't waste your money in a trashy separator, made "cheap" to sell "cheap," that is going to WASTE instead of SAVE for you EVERY TIME you put milk through it, and which would be very dear even as a gift.

DE LAVAL Cream separators are NOT that kind. They are actually CHEAPEST because they are BEST and last much LONGER than other machines. A DE LAVAL catalog is to be had for the asking.

THE DE LAVAL SEPARATOR CO.

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WE CURE
ALL MEN'S
DISEASES



Reliable Doctors

WE are the oldest established firm of Specialists in all diseases and weaknesses of men in the west. We cure after others fail. This is why men travel across the continent to consult us. We treat all Chronic, Nervous and Special diseases, Nerve Debility, Loss of Strength, with attendant evils, Varicose or Knotted Veins, Rupture, Blood Poison, Skin Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

Reference, Any Bank or Business House in the city.

CONSULTATION FREE
Write if You Cannot Call.

Drs. Fellows & Fellows Co.
323 W. WALNUT ST., DES MOINES, IOWA

not rained, the roads are dusty, and, while none of the crops are needing rain, a peep between the corn rows as you drive along the road would put you in the notion that it has not rained there since mid-summer.

A few of the belated ones are still at work in the prairie hay fields, and slow work it is, for the mornings have been cloudy and foggy. One commercial hay-maker in this county still has 1,200 acres of grass to be made into hay. He will not get a quality that will go in as "No. 1" now, even though it is baled and stored in a shed for some months.

The past few days of damp, and, as the particular location may warrant, rainy weather, has been keeping the corn in a wonderful green stage. All ears are turning brown in the earlier planted fields, and the grain is quite hard on the cob, yet the stalks and leaves are much too green to put in shock this damp weather. Corn cutting will be late, and corn husking still later. The finish of corn husking will be later still, as the crop will be what one man was heard to call a "big 'un." The state will need, not an army of reform voters this fall, but an army of expert corn huskers.

Where the late rains have fallen the

BUTTER-BRED Holstein bull calves, 6 to 8 months old, sired by Prince Inka, (18 A. R. O. daughters), and out of A. R. O. dams, \$50 each. No females now for sale. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

plowed land is being put in excellent shape for fall seeding, and some already talk of commencing to sow wheat next week. There is nothing to fear of the Hessian fly here, so wheat sowing need not be put off on account of that pest, which is a pest indeed in certain parts of the winter wheat belt.

In the way of prices, the only two that look off are those of cattle and hogs. The "two H.'s," horses and hogs, are selling for more money than we always expect to get. There is a great demand waking up for last winter and spring farrowed shoats. The few that are expecting to feed cattle are needing them, while the man with a lot of surplus corn in sight, and his name is legion, can make good use of a good sized drove of thrifty shoats.

It is warm this evening, almost too warm for the nearing of a change in the seasons, and while it is clear, it will probably repeat the usual performance of being foggy a part of the forenoon.

Henry Hatch.

Coffey Co., Kan., Sept. 6, 1906.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

LOCATION FOR POULTRY HOUSE.

Doubtless there will be a great deal of building of poultry houses this fall after the harvest has been eared for and before the winter comes. We have had many inquiries about what is the best location for a poultry house. We have had a good deal to say on this question from time to time, but still there comes requests for additional pointers.

The ideal place for locating a poultry house and yards is a dry, rather high, piece of ground having a slope to the south or east. Natural drainage should be good. A poultry yard located on a low and undrained piece of ground can never give satisfaction. A light, porous soil is vastly better than a heavy clay soil. Clay land is objectionable because hens cannot scratch to advantage, and unless hens can scratch in the ground in well pulverized soil they will not do well.

Poultry grounds should be protected on the north and west by farm buildings, a high, tight board fence or a hedge or grove. The size of the house will depend on the number and variety of fowls to be kept. The usual rule is to provide each fowl about ten square feet of space. This will appear to be large by many, since there are so many houses where a fowl does not have one-half that much space. Disease is much more likely to attack them where they are crowded in a small space.

In planning a house, arrange it so it will provide shelter for the required number of fowls, in order that it will be reasonably warm in winter.

GAPES.

Please tell me what is the cause and cure of gapes in chickens.

Ogden, Iowa. A Subscriber.
Gapes is due to the presence of small, thread-like worms in the wind pipe. When they are known to be present poultry houses should be cleansed, fumigated, disinfected and whitewashed.

Cheap coal oil is used to destroy the worms in the following way: Take a small medicine dropper; half fill it with oil. Open the chicken's bill with the bird held back down between your knees, pull out the tongue and hold the lower bill and the tongue between the forefinger and nail of thumb of left hand. This will bring into view the opening into the windpipe at the base of the tongue, into which gently insert the tip of the medicine dropper and discharge the oil. Then close the bill and hold the head still for a few seconds. Then let the chicken go and he will cough up some of the oil, but enough remains to kill the worms and they will be coughed up and swallowed.

FRESH AIR POULTRY HOUSES.

In previous numbers we have called attention to the system of fresh air houses. A man by the name of Tollman has brought forth an old principle, though by some it is called new. It consists in making a house after the fashion of the dwellings in China and Japan. Four sides of the house are closed and the roof is so constructed as to make the open side very much smaller in area than any of the other sides. This open side is covered with poultry netting and the house being made deep from the open side. In a house of this kind poultry is supposed to be more healthy than in a house that is closed on all sides.

This matter of open houses or fresh air system is not a new one since many of our poultrymen on farms have never had any house for their poultry save an open shed and during summer the roosting place consisted of the branches of trees. An open house sounds all right in summer when the thermometer is crowding towards the top, but in winter when the temperature is down about the zero point or below, it has a different sound. With some modifications in a cold climate this house may be made very useful, but to make it answer during the severe winter weather will become a question.

MODERN POULTRY CULTURE.

We are learning many new things in the management of poultry and we are compelled to unlearn some things that we once learned. Methods of poultry keeping are being greatly simplified, and much that was once considered necessary is now thought to be useless and unnecessary. One thing that we have learned is that much less space can be used for keeping poultry than laid down in the text books, if we use the proper methods of management. A free range, once thought necessary, has been found to belong to the past age. Some experts have demonstrated that fowls can be profitably kept in close quarters if the conditions are made right. Professor Gowell, of the Maine Experiment Station, on his own farm kept 2,000 pullets in one house, an area of 200x400 feet, a little over two acres. Each fowl had four square feet of house room, which would naturally be considered limited quarters, and was only made possible by keeping them in large flocks in curtained houses. These pullets laid from 600 to 900 eggs per day during December and January.

If 2,000 laying hens can, as has been demonstrated, be successfully kept on about two acres of land, then five acres are capable of supporting a complete plant for 2,000 hens and the growing stock to renew the layers, and such a plant with proper management should pay from \$2,000 to \$5,000 annually. We are in an age of intensive action and we must come to making the most of what we have. Keeping down the cost of production by producing large numbers from a small area of land—not every man can do this. Some will fail. But it has been demonstrated to be possible.

MOLTING A NATURAL PROCESS.

A chicken is a machine and as fast as the parts are worn out they must be replaced with newer parts. When they are properly fed they lay eggs and keep up the laying just as long as the machinery is well eared for and kept in condition for producing them. Now the elements that go to make up feathers are very much the same as those in eggs and the feeding required will need to be very much the same.

If there is a desire to hasten the process of molting it will be well to feed such feeds as oilmeal or sunflower seeds, the oil of which will produce heat in the body of the chicken, drying out the quills and the process of molting will be aided thereby. To aid a new growth it will be well to use wheat bran, beef scraps, wheat, clover, alfalfa and some other feeds containing nitrogen. Also add a little corn to the ration so as to produce heat.

A FOREIGN JUDGE CHOSEN FOR THE INTERNATIONAL.

It has been the custom of the management of the International Live Stock Exposition, of Chicago, to select a foreign judge to pass on the grade and champion steers in this great December show. The record made thus far by these judges in the fairness and wisdom of their decisions more than justifies the continuance of the practice.

A judge for the grade steers at the coming International has been secured in the person of Arthur P. Turner, of Pembroke, Herefordshire, England. Mr. Turner's career as breeder, feeder and judge fits him admirably for the responsibility that will fall to his lot next December.

How Interurbans Affect Railway Fares.

Interurban railway systems are being established in every state in the corn belt, and such a system of transportation is bound to change radically the relation of rural districts to the towns and cities and also the relation of the latter to the former. Their effect on the cost of passenger transportation is a notable feature of the new service.

A typical instance is furnished by the interurban lines that enter the city of Des Moines. These electric roads have reduced the passenger round-trip rate from Perry to Des Moines, a distance of thirty-four miles, from \$2.04 to \$1.10, while a round-trip ticket from Boone to Des Moines, a distance of thirty-two miles, will soon be reduced to \$1.30. There has also been a reduction in rates to travelers going to and coming from points beyond interurban terminals. For example, passengers west of Herndon, a point thirteen miles west of Perry, will be able to procure round-trip tickets to Des Moines at a saving of \$1.36 over former rates.

The influence of freight rate reductions is not so marked as in the passenger service, but to shippers along the electric a saving is made manifest not only on local shipments but on other transportation, because of the arrangements made between the electric railway and two trunk lines entering the city of Des Moines.

CROCKER RELIEF CORPS NO. 27.

Invite all members, friends and veterans to accompany them on September 25th to Marshalltown by special train via the Chicago Great Western Railway at 8 a. m. from Des Moines, visit the Soldiers' Home and return by special train leaving Marshalltown at 7 p. m. Tickets will be on sale by the following persons at rate of \$1.50 for the round trip: Miss L. Rood, care of Pension Office; Dr. Ridgway, 211 Hillside Ave.; Mrs. Don Tullis, Ninth and School; Miss Ruby J. Echerson, Thirty-eighth and Ingersoll; Mrs. J. J. Stuckey, 567 Seventh St.; May E. Jones, president, 1212 Tenth St.; Lucinday E. Drake, secretary, 663 Twenty-first St.; Mary W. Hazard, treasurer, 560 Seventh St.; Commander W. V. Wilcox, Adjutant J. J. Stuckey, or E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

The Wabash, "The Banner Route," has arranged for the following low rates, available to the public:

Los Angeles and return, on sale September 3d to 15th, inclusive, \$54.25, good until October 31st.
Buffalo, New York, and return, October 10th, 11th, 12th, \$24.15, final limit October 19th.
Toronto, Canada, and return, \$23.55, account Sovereign Lodge I. O. O. F., final limit October 21st.

For further information address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., 512 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

CALIFORNIA EXCURSIONS.

The Iowa Central will sell tickets to Los Angeles and San Francisco, Cal., from September 3d to 14th, inclusive, limited to October 31st at rate of one fare for the round trip. Variable routes and liberal stopover privileges. For further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

KRESO DIP
Cures Scab or Mange Cuts & Sores on all Live Stock DESTROYS ALL DISEASE GERMS KILLS ALL KINDS OF LICE AND PARASITES At your Druggist's Write for FREE Booklets TO PARKE, DAVIS & CO. DETROIT, MICH.
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Make Your Own Stock And Poultry Foods

AT ONE CENT A POUND.

A Subject of Interest to All Feeders.

EXPERIMENT Station Bulletins are unanimous in their claims, based on many careful tests, that a good tonic or Stock Food is both profitable and positively necessary to the feeders of today, but the great objection is "they cost too much." "Should be bought for about one-half of the usual price." Farmer's Bulletins 73 and 144, Dept. Agt., Washington, D. C., show how Stock Foods are usually made, using about 90 per cent cheap "filler." You have a good "filler" of your own. We give you here a formula proven and guaranteed as The Best Stock Food Ever Known.

Formula:

50 lbs. Common Bran, Chop or Meal.
5 lbs. Common Salt. Mix and add a 50 cent package of Arabian Stock Food Tablets. Costs you only 50 cents for 50 lbs.

Arabian Stock Food Tablets are made from the seeds of wild flowers—the most reliable remedies known to medical science—reduced to extract form for economy. Send 50c to The Be-Saw Chemical Co., 335 Schofield Bldg., Cleveland, O., for Trial Order (sent prepaid and guaranteed) including a Co-operative Advertising Certificate good for a free order and other premiums in return for recommending the Tablets, if you like them.

SANDWICH SELF FEED Full Circle Two Horse **HAY PRESS**
The Baler for speed. Bales 12 to 15 tons a day. Has 40 inch feed hole. Adapted to bank barn work. Stands up to its work—no digging holes for wheels. Self-feed Attachment increases capacity, lessens labor, makes better bales and does not increase draft. Send for catalogue. Sandwich Mfg. Co., 143 Main St., Sandwich, Ills.

CANCER
CURED to stay cured. My TRUE METHOD kills the deadly germ which causes Cancer. No knife! No pain! Longest established, most reliable Cancer specialist. 16 years in this location. I give a WRITTEN LEGAL GUARANTEE. My fee depends on my success. Send for free 100-p. book and positive proof. Address, DR. E. O. SMITH, 200 WABASH AVENUE KANSAS CITY, MO.
WANTED, alfalfa seed. Send sample, address, price and quantity to R. E. SMITH, SHERMAN, TEXAS.

THE FAMOUS OLD TRUSTY
More than your money's worth in incubators during the summer. We have them all beat; 40, 60 or 90 days to prove it. 5 year Guarantee. Now is the time to write to M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

POULTRY.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM, Audubon, Iowa.

ROSE COMB WHITE LEGHORNS.

EGGS 75c per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Mauston, Iowa.

BARRED ROCKS, leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubators. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schiatter & Sons, Lawler, Ia.

15,000 Ferrets 48 page book for 8c, about these animals that exterminate rats, hunt rabbits. Price list free. Samuel Farnsworth, Middletown, O.

SILVER LACED WYANDOTTES. EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm stock for sale from L. T. Brahmias, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well marked birds. Albert Haus, Waucoma, Ia.

HENS scoring 94 to 96, yearlings, \$1.50. \$2 and \$3 each. 29 chicks from eggs from Fiebel's pens. Mrs. L. M. Estes, Audubon, Iowa.

DOGS.

REGISTERED COLLIES, Nick II 77339, Louise 76579. Bred to Nick II; due Oct. 1. Price, \$10 each. One female pup 4 months old; price, \$5. At stud, Prairie View Hope, a son of the famous champion, Wellshonore Hope. Fee, \$5. H. W. NICKERSON, MARILE ROCK, IA.

RATS won't kill your chickens if you have a Scottish Terrier. Very fine female puppies from recorded parents, for sale. Pedigree with sale. S. W. Harr, Riverside, Iowa.

SCOTCH COLLIES. Collies will do one man's work. Write for catalog. Largest kennels in the west. Geo. T. Underhill, Knoxville, Iowa.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low price and guaranteed. S. A. Smith, Granger, Mo.

SCOTCH Collie bargains for the next 10 days. Beautiful pups. Also brood bitches. Pedigree with sale. Write at once. S. W. Harr, Riverside, Iowa.



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A safe, speedy and
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Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diptheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable.

Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.



It Heals Without A Scar.

The great magnetized,
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KING CACTUS
OIL never leaves a scar.

Prof. Dean's King Cactus Oil

Speedily cures cuts, sprains, bruises, old sores, swellings, frost bites, chapped hands, barbed wire cuts on animals, harness and saddle galls, mange, itch, and all hurts of man or beast.

At druggists in 15c, 50c and \$1 bottles, \$3 and \$5 decorated cans, or sent prepaid by the manufacturers, OLNEY & MCDAID, Clinton, Iowa, if your druggist cannot supply.

**THE HAPPY HOG
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DIPPING TIME

Is happy because he is being FREED from lice that torture and torment. August, September, October, are best months to dip hogs to kill lice. Dip-Olene, the best Hog Dip, works quickly and thoroughly. It kills hog lice, destroys all disease germs, prevents hog cholera, saves loss, keeps your hogs healthy and growing. Every hog-raiser needs it. Dip-Olene is easy to use; the cheapest hog insurance you can buy. Write for booklet and enough dip to make a gallon, FREE.

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THE AUTO-FEDAN 3-Stroke Self-Feed HAY PRESS 2 Men Can Run It.

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BOWSER SWEEP MILLS

Different from all others. 4 or 2 horses. Gears 10 to 1 or 7 to 1. Grind Corn with shucks or without. And all small grains including Oats and Wheat. (Also make 7 sizes belt mills.)

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When writing please mention this paper.

VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

SWAY-BACK SOW.

I have a choicely-bred Duroc sow, two years old this fall. She is a very fine individual and I desire to cure her if possible. This sow is down in the back and after lying down for some time she seems to me more afflicted than when up and about. Occasionally she carries herself quite well, but not to any great extent. This sow is due to farrow in a short time and I wish to save her pigs. Is there any chance of curing her and what treatment must I give?

We presume you mean that the sow has a sagged back, or "sway back." In that case nothing can be done for her other than keeping her in good health by exercise and such feeding as will keep her bowels regular and supply all requirements of her body without making her fat. Feed nitrogenous foods and green feed. She should not again be used for breeding purposes. If the sow is weak in muscle she may be helped by giving fluid extract of nuxvomica in small doses, say five drops two or three times daily, but this will not cure her.

FISTULA.

I have a bay mare six years old with a fistula of the withers which came on her last spring. As I had to work her, I used a liniment and succeeded in keeping it from breaking until the work season was over; but about six weeks or two months ago I concluded it was not getting better, but worse, and opened it from the bottom to insure good drainage of the wound and injected tincture of iodine for a week; then began applying a healing ointment. About three weeks ago I opened it again farther back, and took out quite a lot of pus and also found pipes; so I treated it as I did the first opening, but the bunch does not go down very fast. Am I too impatient? Both openings are running some. Can you give me any information?

Every pipe and pocket will have to be freely opened to the very bottom to provide perfect drainage, after which inject once daily a large quantity of a hot 2 per cent solution of coal tar disinfectant or permanganate of potash and afterwards pack cavities full of oakum saturated in a mixture of equal parts turpentine and raw linseed oil. As soon as it is doing well blister the enlargement every two weeks with cerate of cantharides while continuing the other treatment. It may take six months to cure the trouble.

STIFLE LAMENESS—WORMS.

(1) I have a horse colt fifteen months old that was fed on corn and hay last winter and very little corn since on pasture. A few weeks ago I noticed he was stiff in the back joint, especially early in the morning when he would be standing. When made to move the muscles of his hind leg would become stiff and rigid and he would drag his foot sometimes several steps and then it would bend with a jerk and he would walk all right. He is in good flesh, but getting worse. (2) I also have two two-year-old Delain ewes. One showed a few symptoms of indigestion last spring; now it has a dry cough at night. There is a slime on its dung. They are both poor, thinner in flesh than the older ones of the same flock. Do you think worms are troubling them? Do sheep need a worm medicine regularly as a safeguard?

(1) The seat of the lameness is the stifle joint. In such cases the patella (knee cap) of stifle slips out of place and the hock at such times becomes "set" and the leg is dragged behind. When the patella returns to its place the leg is jerked up and forward and often a clicking sound is heard as the cap snaps into place. Tie colt up short in stall and blister the stifle joint with cerate of cantharides. Keep it in stall



Lameness

Greatest Success on Bone Spavin.

Corona, L. I., N. Y. March 26, 1905.

Dr. B. J. Kendall Co., Enosburg Falls, Vt.

Gentlemen—I have been using your Spavin Cure with great success on a horse that had a bad Bone Spavin; he went very lame for about one year; after using two bottles of Kendall's Spavin Cure he now goes without any lameness at all.

Yours truly, Joe Barrad.

Kendall's Spavin Cure

will cure if anything will. The world has never known its equal for Spavin, Curb, Splint, Ringbone and all forms of Lameness. Price \$11.00 for \$5.00. Greatest known liniment for family use. All druggists sell it. Accept no substitute. Book "Treatise on the Horse" free from druggists or Dr. B. J. Kendall Co., Enosburg Falls, Vt.



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Chloro-Naphtholeum Dip is guaranteed to cure Hog Cholera. Kills hog lice. Heals wire cuts, sores and wounds. It is the greatest germicide, insecticide and disinfectant known. Quick and sure in its action. You can try it at my expense and risk. A gallon of

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shipped anywhere, express prepaid, to prove my claims. Send no money. It must do the business or you are not obligated to pay a penny for it. The trial gallon makes 100 gallons when diluted. Give it a test. Simply send your name and address to

E. TAUSSIG, President WEST DISINFECTANT CO.
21 East 59th St., New York City

for a week; then turn into box stall for two weeks. Repeat blister if necessary in one month. (2) Worms in the lungs most probably caused the cough referred to. It certainly is good policy to give sheep commercial worm powders or other effective preventive medicine for worms from lambs until yearlings. Give a tablespoonful of gasoline in six ounces of milk and repeat the following week and oftener if found necessary. Great care must be taken when drenching, as it is an easy matter to choke a sheep.

NAVICULAR DISEASE.

I have a gray driving mare four years old that has been lame about a year and a half, at times. Then again she will be all right. Sometimes the trouble appears to be in both front feet and when standing she shifts her weight from one foot to the other. Our local doctor said it was a disease of the nerves and could not be cured. Another one said that the nerves would have to be cut and that there was danger of her hoof coming off. At times her foot seems to be sore and feverish, but there is no blemish of any kind on it. Can you advise me what to do?

The inflammation evidently involves the navicular bones and associated tissues, thus constituting the trouble known as navicular disease. Apparently the cause in this case is rheumatism and there is a possibility of relief from repeated blistering of the coronets after removal of the hair. Use a mixture of one dram of biniodid of mercury in two ounces of cerate of cantharides. At time of excessive lameness, if it comes on suddenly, give two drams of salicylate of soda three times daily on tongue. Avoid damp stable.

SWELLING.

I would like to know what to do for a mare that has a stiff neck. Her neck is swollen from her breast about three-fourths of the way up to her head. The swelling is under the throat and up both sides. She cannot put her head to the ground until she gets her front feet in a lower place than where she is eating. She sometimes puts her front feet out and stands with her head on about a line with her breast. The veterinarian here thinks she has sprained her neck in some way or else she was kicked. She ran loose in lot all winter and I saw no sign of a kick. She has been this way ever since April.

The condition is not likely due to strain or injury, but is a trouble affecting either the jugular veins or the lymphatic glands of the parts involved. Bathe with warm water twice daily; then apply druggist's soap liniment and extract of witch hazel, equal parts. Give a dram of iodid of potash night and morning every other day unless she is in foal. Stop for a time when she begins to discharge from the eyes. There seems a possibility that an abscess may form or be present and require opening.

INDIGESTION.

What is the matter with my four-year-old gray horse? He has been worked this summer, fed on oats and corn, half and half, and Timothy hay. He has been on pasture when not at work and looks very well, but does not look as he should after he has been worked a little. When you stop him he grinds his teeth every little bit and when kept in the barn over night his hind legs swell very badly. He has coughed a little all summer, but of late coughs three or four times at once quite often. There is no discharge from his nose and no signs of worms. Fed stock food and flaxseed meal all spring. He has grinded his teeth and coughed for the last six months or so when I kept him in barn.

Have his teeth attended to by a veterinary dentist and have him clipped if his coat is long and rough. Wet all coarse food with lime water and for cough give him half to one ounce of glyco-heroin two or three times daily, as required. Also give twice daily half an ounce of solution of arsenic. It would be best to feed him on cut hay, bran and corn meal, with one quart of black strap molasses made into a mash night and morning, and feed whole oats at noon and long hay at night. Molasses has a fine effect in such cases and may be fed much more heavily than we have prescribed, and without causing scours or colic.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron Mountain Route will sell round-trip tickets to points in Texas and Louisiana for \$20 from St. Louis and \$25 from Chicago on the first and third Tuesdays of each month. Proportional low rates will apply from other points; also one fare plus \$2 to points

Fistula and Poll Evil

Any person, however inexperienced,
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Fistula and Poll Evil Cure
—even bad old cases that skilled doctors have abandoned. Easy and simple; no cutting; just a little attention every fifth day—and your money refunded if it ever fails. Cures most cases within thirty days, leaving the horse sound and smooth. All particulars given in

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COILED SPRING FENCE

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed.

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Seldom See

a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

ABSORBINE

will clean them off without laying the horse up. No blister, no hair gone. \$2.00 per bottle, delivered. Book 8-C free. **ABSORBINE, JR.,** for mankind, \$1.00. Removes Soft Bunches, Cures Varicose Veins, Varicocoele, Hydrocele, Ruptured Muscles or Ligaments, Enlarged Glands. Allays Pain. Mfd. only by

W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

FREE TRIAL
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FOUR BITS IN ONE

Cures Kickers, Runaways, Pullers, Shyers, etc. Send for Bit on Ten Days' Trial and circular showing the four distinct ways of using it. Prof. J. A. Beery, Pleasant Hill, Ohio

A. S. ALEXANDER, V. S.

MADISON, WIS.,
Veterinary Editor The Homestead.
(CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.)

WIRE CUTS galls and sores. Dr. Lister's Red Star Healing Powder. No scar. Guaranteed. 50c druggists, or prepaid by mail. **Red Star Healing Powder Co., Garner, Ia.**

in Indian Territory, Arkansas and Missouri, and \$25 from Chicago to Pueblo, Colorado Springs and Denver, with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory, which are limited to thirty days, stopovers going and returning.

Mexico: Less than one fare on the first and third Tuesdays, with stopovers.

California: Low round-trip rates on sale daily to September 1st.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2, good thirty days, on sale daily.

Remember the Missouri Pacific Railway and Iron Mountain Route reach the principal points in the above-named states without change of cars.

For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

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OUR HOME DEPARTMENT

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AMONG OURSELVES.

The circle is expecting something unusual today, it will not be disappointed, our program is both novel and interesting. I am also expectant, I hope I shall not be disappointed, but of my hopes more anon.

There is quite a story connected with today's program. I shall outline it less briefly than I would otherwise because I happen to know that the friends Among Ourselves dearly love to hear about Mrs. Walker's doings.

When I returned from Europe in the early summer I thought I was home to stay, that there would be no further outing this year. Six weeks later I was packing up again. The Only Man had decided to take summer work at the University of Kansas, and nothing would do but that I should accompany him. We were nicely settled, enjoying Lawrence, its fresh, sweet air, its restful quiet and its tree embowered streets, the delightful panorama from Oread Hill, and the library with its treasures of books, when, one morning, I received a Home Department letter dated Lawrence—it had come back from Kansas City with other forwarded mail. When the Only Man came home to lunch I told him about the letter and said I would write and ask the writer to call on me. "Perhaps she has a 'phone," said he. A moment later I was consulting the telephone book. Sure enough, there was the name, B. M. Gregory, three and one-half miles southeast of Lawrence.

Blessed be the rural telephone. I called up Mrs. Gregory, she agreed to come and see me, and a day or two later we clasped hands. As we chatted it transpired that Mrs. Gregory belonged to a club composed of neighbors and friends living on farms. At once I was all attention. If there is one thing which interests me more than another it is how to sweeten and broaden life for women who live in the country. The upshot of it all was that I accepted an invitation to attend the next meeting of the club.

Club day morning I ran to the window as soon as I awakened. The sky was clear. The weather would be fine. My spirits rose as I thought of the joys the day promised, the treat of a long drive in the country and a quite new experience.

I wish I might tell of the pleasure of the drive to and from that club meeting. But come to think of it, it would be like carrying coals to Newcastle. You certainly know how lovely the open country is upon a summer day, and I hope you all know how good it is to enjoy it in congenial company, behind a good horse.

It would take too long to give a detailed account of that day's club meeting, but there are some things which should be told.

The club met in a comfortable farm house set among trees. There were twenty-three women present, all farm wives or mothers, or daughters. There was no stiffness or formality, but everything was done decently and in order. My new-found friend, Mrs. Gregory, presided with grace and dignity, and the ladies taking part in the program bore themselves admirably. The meeting opened with a roll call answered by quotations from Aets. After some music Miss Wright gave a reading—the story of the courtship of Alphonso and Ena. Then came the paper of the day, by Miss Howell, who proved the history of a foreign country can be made a fascinating study. After Germany be-

tween 1840 and 1861 came "Mythology" by Mrs. Gentry, and then a delightful social time during which refreshments were served.

Long before the meeting adjourned I was resolved that Among Ourselves we should talk about this club. When I asked the president if she would write about it for us she kindly consented. Afterwards some of the members obligingly agreed to tell of how the club had helped them. They kept their promises so nobly that I decided to give an entire meeting to this matter. I am extremely anxious that the matter of clubs for country women should receive greater attention here Among Ourselves than ever before. I am hopeful that today's program will result in the formation of a number of clubs. To that end I bespeak a careful hearing for the Minervian ladies who will now take the floor. Mrs. Myrtle Gregory, president of the club, will open the program:

I wonder how many readers Among Ourselves belong to a literary club? Those who do, know the benefits and pleasures derived therefrom, and to those who do not is this letter written. Some few years ago a number of the ladies of this community decided to try the experiment of a literary and social club. We have now passed from the experimental to the pleasant, practical working stage. I will try to briefly outline our organization and its work. We have a constitution and by-laws by which we are governed, and let me suggest right here that great care should be exercised in formulating the constitution, as the life and success of the club will depend largely on this. Officers are president, vice-president, secretary and treasurer, all elected for one year. Committees are four, appointed by the president, namely: Program committee, whose duty is to prepare programs for the year; membership committee, who pass upon applications for membership before presenting them to the club to be voted upon; music committee, to assist program committee; flower committee, who provide flowers at the expense of the club when death enters the home of a member. Money for necessary expenses is raised by a per capita tax. We entertain as our names appear on the roll, meeting every two weeks at half past two o'clock. At the close of the study and business session light refreshments are served and a delightful social hour follows. At the annual meeting and election the subject of study for the ensuing year is decided by vote, the program committee supplying miscellaneous work. We have studied in turn America, Holland, Germany, and will this year take up Japan. We do not find the work irksome, seldom if ever without prepared program; indeed it is one of the provisions of our constitution that we do to the best of our ability whatever work is assigned us. Perhaps someone will say, "All very well for people who have leisure and no children to care for." But, dear friends, right here you mistake. Membership to our club is restricted to rural ladies and each and every one has the usual duties found in the farm home, but we so arrange our work that the afternoon for club is set apart for that purpose, except perhaps during times of extra work, such as harvesting, thrashing, etc., and I am confident that it is the voice of our circle that we gain more than we lose every time we do so. As for the children, will say that we suffer very little inconvenience through that medium. The children are left at home when it can be so arranged, or when old enough to care for themselves, otherwise the mother brings them with her and they behave admirably. In the summer time they often have a nice visit, all their own, out on the lawn while the meeting is in progress, and in winter all but the younger ones are in school. So, dear mothers, do not hesitate on that score if you have an opportunity to join a good club. There are no less than fifteen children under twelve years of age in the homes of our club members, and I believe the younger mothers get quite as much enjoyment out of the gathering as do the unmarried few and the older matrons. Our most distant meeting place is something over four miles, and some are quite centrally located. The club does much to relieve the isolation so often found in the farm life and keeps us in touch with the world and its happenings. I certainly urge the ladies of every community to have a club. If you have had the advantage of a college education you can certainly do much to assist in the work, but whether college bred or not the average American woman of today, whatever her walk in life, is fully capable of organizing and maintaining a good study club. Now, just a word in closing in regard to the sterner sex. Not once, I think, has complaint reached our ears that home is neglected because of the club. Indeed, it meets with the approval of all our men folk. Try an open meeting occasionally and review a part of the work done. You will enjoy it, so will the husbands and brothers. I will gladly answer any questions in regard to organizing a club if I can be of assistance in this way.—Mrs. M. V. Gregory, Lawrence, Kan.

Before reading the constitution and by-laws of the Minervian club which Mrs. Gregory kindly places at our disposal we shall have a few words from ladies who are prepared to testify as to the benefit such a club is to its members:

There can be no doubt that a country club is of benefit to its members. In a club that is to some extent literary it keeps one from becoming as "rusty" in literature as the average woman on the farm becomes when her school days are over. If the affairs of moment in the world are discussed it keeps one better informed than would usually be the case otherwise. It brings the women in the country together in a neighborly way, and this in itself is a rest and change from the daily routine of housework that falls to the lot of most country women. The fact that there is a certain time for such a meeting induces many of us to leave our cares and go to our neighbors' homes when we probably would await a "more convenient



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season," which seldom comes, if it were not for our club.—Charlotte Stone Gentry.

In answering the question as to how I have been benefited by our society I will say, "In many ways." In the country we have many little cares, as well as great ones, and the society coming at stated times gives us something to look forward to, and we learn to systematize our work and save the time in which we may meet friends and neighbors for our mutual pleasure and profit. I will mention one great privilege which we enjoy through the medium of our society and that is hearing from those who have visited scenes and countries distant from our own, and we certainly appreciate the kindness of the ladies who have thus honored us. A notable instance of this is the beautiful and interesting description of Holland and Scotland given our society by the editor of the Home Department.—Annie A. Mitchell.

The Minervian Club, of which I have been a member for nearly six years, has been the means of developing and training my mind. I might still be discussing neighborhood differences if club work had not come into my life. Often the words of wisdom and messages of truth spoken by some of our members in a quiet, unassuming way have awakened my interest and imparted strength. I have conquered self consciousness enough to say what I think at the right time. I have learned that it is unwise when anything of an unpleasant nature transpires to speak of it outside of the club, to hold whatever happens in the club as sacred. I find I am not so sensitive and apt to be personal; that I do not interpret the actions of members in a personal manner as in the beginning of my club life. I am more willing and submit with far better grace to be governed without question of authority, and I take broader views of things and people, also I have learned to take fair criticism kindly, and can say with all my heart that club work is a profitable pleasure.—Mrs. Guy Harshberger.

The composite testimony of these three ladies is a strong plea for clubs for country women, it seems to me. I do hope it seems so to you. It will delight me if hearing about the Minervian club inspires and encourages some of you to form circles in your neighborhood. To further stimulate and assist you after the reading of the constitution and by-laws I shall say something about the club's admirable program:

CONSTITUTION OF THE MINERVIAN CLUB.

Article I.—Name.
The name of this club shall be Minervian.
Motto—Alpha Beta Mathea Metia Kla Fetchua.

Article II.—Object.
The object of this club shall be united effort toward peace, charity, equity and the higher civilization.

Article III.—Membership.
Any person interested in the object of this club may become a member upon the conditions prescribed in by-laws.

Article IV.—Officers.
Section 1. The officers shall be president, vice-president, secretary and treasurer.
Sec. 2. All officers shall be elected by ballot at the annual meeting and continue in office one year.
Sec. 3. No member shall hold the same office more than two consecutive terms.

Sec. 4. Vacancies in office can be filled at any regular meeting in the same manner as at the annual meeting.

Sec. 5. Duties shall be the same as other corporate bodies.

Article V.—Meetings.
Section 1. The annual meeting shall be held on the first Thursday in May.
Sec. 2. The club shall meet every two weeks at half past two o'clock p. m.

Article VI.—Quorum.
Section 1. A majority of the active members shall constitute a quorum.

Article VII.—Amendments.
Section 1. This constitution and by-laws

may be adopted, amended or repealed at any regular or annual meeting by a two-thirds vote of the active members present, provided the proposed amendments have been submitted in writing at a previous regular meeting.

BY-LAWS.

Article I.—Membership.

Section 1. Women from the rural districts shall be eligible for membership.

Sec. 2. Membership in this club shall be of two classes, active and honorary.

Sec. 3. Active membership shall consider themselves in honor bound to study the subjects under consideration by the club and perform literary or committee work assigned them.

Sec. 4. Honorary members shall be entitled to all the privileges of the club except those of voting and holding office, but shall have no responsibility in regard to the work of the club.

Sec. 5. Active members shall be limited to twenty-five and honorary to five.

Sec. 6. Honorary members shall be eligible to active membership as vacancies occur.

Sec. 7. Elections shall be by ballot and two negative votes shall exclude from membership.

Sec. 8. Any places not filled by honorary members may be filled by the membership committee from their list of applications in their regular order.

Article II.—Members.

Erased. Article III.—Committee.

Section 1. There shall be three committees, membership, program and music.

Sec. 2. The membership committee shall investigate the qualifications of applicants for membership and report the same to the club.

Sec. 3. Program committee shall prepare the literary work of the club.

Sec. 4. Music committee shall arrange the music.

Article IV.

Any question not arranged for in this constitution and by-laws shall be guided by regular parliamentary rules.

Section 1. There shall be two articles of diet and one of drink.

Amendments.

No one member shall hold more than one office at a time, also no one member holding office shall serve on committee unless there are not enough members to fill such committee. Neither shall one member serve on two committees at the same time.

The mere mention of constitution and by-laws sears some women. Where that is the case, rules and regulations should be few and simple. A club can be operated with very little red tape. I am personally acquainted with one which has been in operation almost two years without any written constitution or by-laws, and has suffered no conscious loss thereby. I do not recommend following the example of this club, but refer to it as evidence of what can be done by women who are timid about formal organization while anxious to meet as a club. These women of the club referred to simply met together by invitation, agreed to meet regularly once a fortnight, chose one of their number to preside and two others to draw up a program, and so launched out on the sea of club life.

The success of a club depends so largely upon its program that I should like to give the circle the benefit of that of the Minervian club for 1905-1906. I must, however, content myself with supplementing Mrs. Gregory's reference to it. I notice first of all that it commends itself to persons of varied tastes.

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The quotations which open each meeting are so appealing to readers and thinkers and doers, among them are Current Events, Short Household Suggestions, the names of Cities of Germany and Women of the Bible, and lines from books and authors as dissimilar as the Bible and the poet, Schiller. Then in addition to the history work, which covers Germany from early times to the present day, there is, at each meeting, a paper on some other subject—"Luther Burbank," "Arts and Crafts," "Music and Musicians," "The Cliff Dwellers," "The Associated Press," "Home Life," "The German Army," "Martin Luther," etc. Music and a reading furnish further variety and round out the programs which have made the Minervian a more than usually successful club.

Where members of the club are not of one mind and books of reference are not easy of access a mixed program is frequently the best. On the other hand a Magazine Club, where the program consists of selections from monthly reading, a Current Event Club where world politics as reported by the newspapers are discussed, or a literature club where some classic author is studied, binds women of similar taste in delightful bonds. As examples along this line I give two pages from the year book of women who are studying Shakespeare and Dickens:

MACBETH.

First Day.

1. Classifications and history of the play.
2. How much of Middleton's play The Witch has been introduced in Macbeth?
3. Characterize the witches. The belief in witches; their supposed powers.
4. The character of Macbeth; the dominant element of his mind; compare and contrast with Richard III.
5. Quotations on sleep.

Second Day.

1. Lady Macbeth, her character and personal appearance.
2. Define Thane, and give history of the title.
3. Reading: Act 1, scene 3.
4. Locate and describe Scone, the scene of the coronation of the Scottish kings. The stone of Scone, how it became part of the coronation chair of the English sovereigns.
5. Quotations from speeches of the various kings in Shakespeare.

Third Day.

1. Reading: Act V, scene 1.
2. Discussion: Who was morally responsible for the murder of Duncan?
3. Malcolm, his place in history; how did he become ancestor to the present king of England?
4. Brief synopsis of the play.
5. Selected readings.

OUR MUTUAL FRIEND.

First Day.

1. (a) Outline Book I. (b) Book II. (c) Book III. (d) Book IV.
2. The Boffins: How affected by the Harmon will; their domestic arrangements.
3. Read chapter IX, Book I.
4. Lizzie and Bertha; compare and contrast.
5. Read chapter IX, Book II.

Second Day.

1. Discussion: The Lovers in the story:

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(a) Mr. and Mrs. Boffin, Mr. and Mrs. Lemmle. (b) Eugene Wrayburn, Lizzie Hexam; Bradley Headstone, Miss Poocher. (c) John Harmon, Bella Wilfer, Mortimer Lightwood. (d) Georgiana Popsnap, Fascination Fledgby. (e) George Sampson, Lavinia Wilfer, Mr. Venus, Pleasant Riderhood, Sloppy, Jenny Wren.

2. Read chapter XV, Book Three; chapters VIII and XI, Book Four.

Third Day.

1. Discussion: The Villains: Fascination Fledgby, Gaffer Hexam, Charlie Hexam, Rogue Riderhood, Bradley Headstone, Silas Wegg, Mr. and Mrs. Lemmle. Did each receive satisfactory punishment?
2. Describe the trade of Dustman: how profitable; how conducted?
3. The best and the worst drawn characters.
4. Impersonations by club.

At various times in the years since I became editor of the Home Department I have urged the formation of Mothers' Clubs and given lists of subjects suggested and helps provided by the National Congress of Mothers. In the clubs which will result from today's program I trust there will be many little groups which will make Child Life their study.

In bringing this program to a close there is one other word I should say. The success of a club does not depend upon numbers. Some of the most helpful and enjoyable clubs are small, quite small. Don't be discouraged because there are only a few women in your neighborhood, just get together and see if you do not have good times. If you cannot meet once a fortnight, meet once a month. And if you cannot write papers, try reading the same things and talking about them, or reading something aloud and then talking about it.

Mrs. Gregory has very kindly offered to answer questions or give advice to those who would like to form clubs. Lest she be overworked I make the same offer. It will give me great pleasure to be of any assistance to women who feel they would like to organize a club.

It is time to adjourn and I have said not a word about my visit to Iowa's State Fair and the pleasure of meeting members of this circle while there. Perhaps some other time I shall tell how I came to go; it all grew out of attending that meeting of the Minervian Club, and of the resolutions I made while exchanging greetings with Home Department readers in "Iowa, Beautiful Land."

Next week we shall return to our usual order, resume discussion of various matters interrupted by today's program and launch a new subject, one which appeals especially to the unmarried members of this circle.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

A crowd of troubles passed him by,
As he with courage waited;
He said, "Where do you troubles fly,
When you are thus belated?"

"We go," they said, "to those who mope,
Who look on life rejected.
Who weakly say 'goodby' to hope;
We go where we're expected."

—Anon.

Perhaps today is a dismal day,
With never a joy in sight;
But tomorrow may dawn in a splendid way
And scatter your woes in flight.
Tomorrow may come with blessings rare
To lay at your feet, and you
May wonder why men sit down in despair
When the world is so fair to view.

WHAT TO READ.

If you have the blues, read the twenty-seventh Psalm.
If you are losing confidence in men, read the thirty-seventh.
If you are losing confidence in men, read the thirteenth chapter of First Corinthians.
If people seem unkind, read the fifteenth chapter of John.
If you are discouraged about your work, read the hundred and twenty-sixth Psalm.
If you find the world growing small and yourself great, read the nineteenth Psalm.
If you cannot have your own way in everything, keep silent and read the third chapter of James.
If you are all out of sorts, read the twelfth chapter of Hebrews.

TESTING OVENS.

To judge of an oven's heat try the oven every ten minutes with a piece of white paper. If too hot the paper will blaze up or blacken. When the paper becomes dark brown—rather darker than ordinary meat-pie crust—the oven is fit for small pastry. If light brown, the color of nice pastry, it is ready for tarts. When the paper turns dark yellow you can bake bread, large meat pies or pound cakes; while if it is just tinged the oven is fit for sponge cake or meringues.

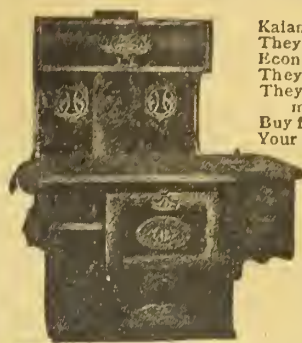
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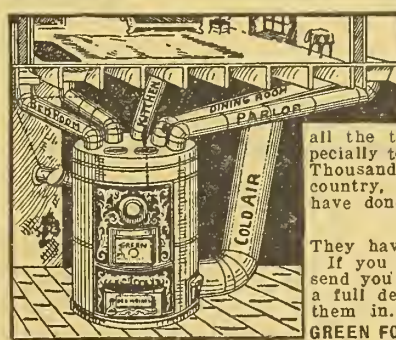


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performing of any household task before beginning it.

Milk which has been standing for any length of time in a jug should be carefully poured into another, leaving a little at the bottom, for this portion of the milk is injurious to the health.

When washing glassware do not put it into hot water bottom first, as it will be liable to crack from sudden expansion. Even delicate glasses can be washed in very hot water if slipped in edgewise.

Instead of putting food into the oven to keep hot for late-comers, cover it closely and place over a pan of hot water. The steam will keep the food hot and at the same time prevent it from drying.

TIMELY RECIPES FOR THE COOK.

Tomato and Egg Salad—Immerse ripe tomatoes in hot water until the skins will rub off easily. Slice the tomatoes and arrange the slices on a cold plate, and pour over them any favorite cold salad dressing. Sprinkle on top with hard-boiled egg yolks which have been pressed through a sieve. Garnish with lettuce.

A Supper Dish—Make three cups of good, well-seasoned tomato sauce, thickened with a heaping teaspoonful of flour rubbed into one of butter. Keep hot in a double boiler set at the side of the range. Toast slices of bread, butter them, spread on a platter and put a tablespoonful of tomato sauce on each. Into the remainder of the tomato sauce turn two cupfuls of minced mutton, put the saucepan over the fire, stir until the meat is thoroughly heated, season to taste and pour upon the toast.

Apple Custard Pie—Prepare the apples as for custard; to three cups of apple add six eggs, one cup of white sugar and one quart of milk. First add the sugar to the apples and let cool; then beat the yolks of the eggs with the apples and season with nutmeg or allspice. Stir in the milk gradually, beating it well; lastly, add the whites. Bake with only one crust. This makes three pies. We find them equally nice with dried apples by making the apples a little more juicy. The appearance of the pie may be improved by reserving the whites of two eggs and making a frosting as for lemon pie.

Chicken Cream Soup—An old chicken for soup is much the best. Cut it up into quarters, put it into a soup kettle with half a pound of corned ham and an onion; add four quarts of cold water. Bring slowly to a gentle boil, and keep this up till the liquid has diminished one-third and the meat drops from the bones; then add half a cupful of rice. Season with salt, pepper and a bunch of chopped parsley—Pare and quarter ripe pears. Put them on to cook in clear water and when tender remove them to a flat dish. Make a sirup of the water in which the pears were cooked and an equal measure of sugar. Cook until clear, then add the fruit; also the juice of two lemons. Cook five minutes, then place the pears in a jelly mold. Dissolve one package of gelatine in a little water and add to it the sirup, stirring constantly. Boil up once and strain over the fruit. When cold take from mold and serve with a border of whipped cream garnished with candied cherries.

Pear Compote—Pare and quarter ripe pears. Put them on to cook in clear water and when tender remove them to a flat dish. Make a sirup of the water in which the pears were cooked and an equal measure of sugar. Cook until clear, then add the fruit; also the juice of two lemons. Cook five minutes, then place the pears in a jelly mold. Dissolve one package of gelatine in a little water and add to it the sirup, stirring constantly. Boil up once and strain over the fruit. When cold take from mold and serve with a border of whipped cream garnished with candied cherries.

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[5437 Fitted Coat with Vest, 32 to 42 Bust.]

with one of the leading colors seen in the plaid. Not necessarily the ground or leading tone in the plaid, but if it is one that is seen only in the over-plaid it should be one that is quite prominent. There are entire costumes of plaid, to be sure, but these are not the rule. A coat showing gray in the ground color will be worn with a skirt in plain gray fabric. A green jacket will be worn with a skirt of plaid in which the ground color is brown, but the over-plaid shows a prominent note of green. A waist of very small check in black and white will be worn with a skirt of larger check or plaid of black and white. The idea may be carried out in ways that will enable many of us to so combine materials that we have at hand or to remodel a costume, getting new cloth for either skirt or waist, or coat or jacket as may happen.

Plaids are trimmed with plain material, folds, straps and tabs being made from the plain and applied in any manner to suit the user, and by referring to recent papers you will find a number of suggestions as to the manner of their use.

A coat and skirt suit may be made up of the two numbers shown in this paper, but they may be used in a separate manner, not

Dressmaking and Millinery—No. 533.

Sylvia Silverthorne, Muscatine, Iowa. [All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] A noticeable feature in the use of plaids

being designed specially as companion garments.

The fitted coat illustrated in No. 5437 is one of the season's favorites, and is very simple



[5436 Eight Gored Pleated Skirt, 22 to 32 Waist.]

and becoming with its long lines, the seams by which it is fitted to the form extending from the shoulder to the bottom edge, both

at the back and the front. A very narrow vest forms extensions at the front, these being simply joined to the fronts beneath their edges. Buttons in groups are used to simulate the joining. The vest is of velvet, but may be varied to suit the fancy, there being many fancy materials that are used for such purposes. The collar is flat and somewhat oddly shaped. Stitching or narrow band trimmings may finish all edges. It is advisable for the home dressmaker to select the loose weave fabrics when attempting this or other "tailor" work. Pattern No. 5437 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure.

Skirt design No. 5436 is an eight-gored pleated model, the pleats overlaying and concealing the seams. As will be noted, there is a double box pleat at the front and a similar one at the back, the skirt closing at the side back. You have noted that these designs having the box pleat at front and back are in the lead, and seem to be growing in favor. They require careful pressing for satisfactory results. Then, too, the fabric should not be too heavy. Either plaids or plain material are made after such designs. Pattern No. 5436 is cut in sizes for 22, 24, 26, 28, 30 and 32 inches waist measure.

When there is delay in getting the pattern or patterns ordered remember that the first thing to do is to make special inquiry at your postoffice for it. This class of mail matter is not handled as carefully as is first class, and packages are lost if not attended to in seasonable time. They are mailed you promptly.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Third Quarter. Lesson XII. Mark. XII, 13-27. September 16, 1906.

Jesus Silences the Pharisees and Sadducees.

Handel, when composing his oratorio, "The Messiah," was found bathed in tears. What touched him was the prophet's words, "He was despised." The despising of Jesus was as evident in the temple as at the cross. And physical pains are not so severe to a spiritual soul as wounds inflicted upon that higher nature. Lowell says: "Our modern martyrdoms are done in type." So Jesus was crucified again and again before ever He came to the cross. We come now to the last onset of His despising critics.

It is led on by the Pharisees. They have heard of the bewildering defeat Jesus has given their rivals, the Sadducees; how, in a dialectical way, He had put an end to them forever. Now, if they, the Pharisees, could get the better of this brilliant young rabbi in debate, they would score a point against the Sadducees at the same time that they blocked the way of a Teacher whose success meant the end of their system.

We cannot know whether the questioner was disingenuous or not. To assert (Expositor's) that the question was asked by "a true man," "a genuine inquirer," is an assumption, and, at any rate, aside from the real point at issue. What the Pharisees wanted was to elicit from Jesus a sentiment; if possible, a cate-

gorical statement which could be used against Him in the trial for heresy impending.

The question itself illustrates the character of religion then current. It was technicality gone to seed. Literalism had killed spirituality. There was such a batch of commandments that classification seemed imperative; so there were the little and great, light and weighty. And the question which was the chief of all was naturally much mooted. A spiritual virtue was not thought of. It was for some, washing hands; others, how to build a booth for the Feast of Tabernacles, or, at best, circumcision and keeping Sabbath.

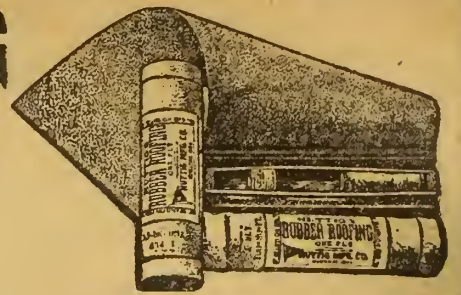
The answer of Jesus has been called a miracle of genius, a flash of inspiration. He escaped the snare of the fowler. He allied Himself with no bickering faction. He carried the question over into an entirely new realm, where there are no disjointed commands and sacramental offices, but where there is a Life which gives continuity, vigor and progress to the whole. With one splendid flash, as of a heavenly searchlight, Jesus discloses the permanent and fundamental element in religion—for all time and all people. Absent, it makes the Christian a heathen; present, it makes the heathen a Christian, though he may have never so much as heard of Christ. The disputatious coterie fades away. Jesus is speaking to the universal human heart. The man of today, technically rated an unbeliever, must recognize the Divineness of this message, and receiving it into an honest heart, must begin the life of love toward God and his fellows. And that is religion.

Too great technicality must be avoided in defining the manner of our loving God—viz., heart, soul and mind. It means, as Meyer aptly says, "the complete, harmonious, self-dedication of the entire inner man to God." It seems worth while, however, to emphasize the fact that we can love God with the mind. It is to be feared that, as Phillips Brooks says, "there are ignorant saints who come very near to God and live in the rich sunlight of His love; but none the less would have escaped the labyrinth of Pharisaism. Alas! Give your intelligence to God! Know all you can about Him!"

These two principles—love to God and love to man—from which all religion flows, must be consistent with one another, otherwise they could not both be principles of the same religion. (Homiletic.) Love to God is also love to His children, our fellow-men. (Geike.) Nothing is or ought to be esteemed religion that is not reducible to one or the other of these principles. (Sherlock.)

Now the questioned turned questioner. It was no Scripture conundrum, however. Jesus was really profiting them the elow of faith. If, with the spirit of teachableness, which is the pre-requisite to entering all other kingdoms, as

ROOFING THAT WILL LAST.



What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.

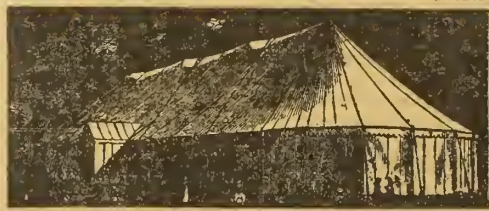
Red Tag Trees

Our assortment of fruit trees, ornamental trees, shrubs, plants and novelties, for Fall planting, is the most extensive and complete in the West.

PHOENIX TREES AND PLANTS

are now labeled with a Red Tag, which guarantees their genuineness and condition. Send for the Phoenix Catalogue. It's free. Shows a splendid assortment of stock, and it tells you why you should plant in the Fall. Write to-day for a copy.

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TENTS TO RENT

FOR STOCK SALES, ETC.

MANUFACTURERS of all canvas goods, also Slickering, a waterproof dressing for all canvas goods.

Peoria Tent & Awning Co., Peoria, Illinois.

well as the kingdom of heaven, they had followed the thread, they would have escaped the labyrinth of Pharisaism. Alas! they loved the maze, and they would none of the leadership of Jesus. They would not welcome Him as Son of David and Son of God. So it ended with their finding themselves in the same plight as the Sadducees. But the mouths that were gagged might have been vocal with hosannas.

Analysis and Key.

1. Jesus' moral agony; greater than physical; cause of it. Contradiction of sinners against Himself. Effort to entangle Him in His words. Refusal to accept Him or His message. (1) Particular instance: Pharisees' covert attack. Effort to elicit a criminalizing statement. The chief commandment; mooted because of number and variety. (2) Jesus' answer; partisanship avoided. Substance of religion, a Life. Characteristic of that Life—love—toward God; toward man

The Teacher's Lantern.

The whole last week of Jesus' life He was continuously engaged in cleansing the temple. Only the whip of small cords with which He drove out the gross profaners changed to the sword of His mouth, with which He slew the refined, hypocritical perverters of the sanctuary. The sacred inclosure, called the treasury, became an arena which witnessed an unparalleled dialectical tournament.

A towering, united, invincible ecclesiasticism set itself for the overthrow of a Teacher whose spirit and doctrine it justly recognized as entirely inimical. It had to do it if it would perpetuate itself. It was the instinctive dictate of self-preservation.

Jealous fear made strange bed-fellows. Pharisee, the paragon of orthodoxy, and Sadducee, who stood for heterodoxy, like Pilate and Herod, were made friends in a day, and both consorted with the supposedly unpatriotic Herodians. This triple alliance could hardly fail to compass its end. It was only a question of means to use.

The importance of this climacteric controversy is apparent from the large space

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The Burr McIntosh Monthly

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"THE MOST BEAUTIFUL MAGAZINE IN THE WORLD"

Ask your newsdealer for this superb magazine. If he does not handle it send us his name and address with your name and address and 10c. for sample copy. Regular price 25c. Mention this paper.

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4 West 22d Street New York City

given to the account of it. Twenty-five chapters in the four Gospels are devoted to the last week of Jesus' life.

Through the opaque surface of a hard, polished, conventional ecclesiasticism Jesus shot the Roentgen ray of His omniscience. Beneath the whitened surface the moral filth of an inveterate depravity was brought to light.

The temple witnessed the fiercest dialectical contest ever seen. It was fought to the finish. Jesus was victor. His denunciations fell like strokes of lightning. None could stand before Him. He was like refiner's fire and fuller's soap.

The principle of stewardship underlies all individual, national and ecclesiastical life. Nothing is held in fee-simple. All is in trust for the infinite Proprietor. The Lord's collectors are ever appearing to demand His portion.

The happy, prosperous, useful, individual, national and ecclesiastical life is that in which the principle of stewardship is recognized, its rightness conceded, and its requisitions met.

There is no escaping the retributions of Divine justice. How short-lived the victory of Jewish ecclesiasticism over Jesus! Into what an awful maelstrom and how soon, temple with its godly stones and gifts, city, nation—all were swept!

BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

"A boy can run it"



See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.
39 Fargo Street, Batavia, Ill., U. S. A.

DAY BY DAY

Agricola

The weather is most excellent for maturing the corn crop. If through September the weather should be dry the crop would be safe. We never had a better prospect for a bumper turnout.

The season in every direction has been all the farmer could wish. The fruit crop has been immense. All sorts from apples to grapes have apparently been vying with each other to excel.

The schools have all commenced this week, both college and public schools. A full attendance has been noticed the first day.

There are a great many vagaries connected with worshipping. There are what are known as Jumpers in the Christian worship. We saw in a Dunker church near Lebanon, Ohio, the members thereof dance around the room until it made our boyish head swim.

They were an agricultural community, too. They owned several thousand acres and farmed or had it farmed. They did not believe in marriage. When they took a family they separated husband and wife and kept them so.

They were wont; it was said, to go to poorhouses and take the children of the paupers. They had good schools, however. We are not aware of what they are doing now or that they yet exist.

Dancing seems to be a part of religious worship in all its guises. In Mohammedism the Howling Dervishes dance and howl.

We have seen Indians "make medicine" before going on warlike expedition. They howled and danced also.

But so far as we know such nonsense has not invaded the farm. Nature is full of intelligence. The farmer sees the "reign of law" in everything he does, or which he grows out of the soil. We have not seen, heard or read, of any vagary which had its birth on the farm.

The farm is full of wisdom. It breeds intelligent men and women. That is, in this our free land.

In such lands as Russia and through Europe generally, the farmer is called a peasant and treated by a nobility as a creature of a lower order of beings.

The fruit crop has been so great that now grapes are ripe, but few can be sold. Yet the use of grapes is said to give health. Wine is a health drink, and is drunk as a pledge of good will when friends meet.

Our mention of the sensitive plant has brought seeds of it from two readers of this paper. One says that he has read "Farm Furrows" and "Day By Day" for years and that they are the first things he looks for on receiving the paper. This should stimulate to do ever the best possible with us.

Any reader, however, knows that the short paragraph is far more welcome than long dissertations.

Long winded articles, or speeches, soon pall on the intellectual stomach.

The new spelling reform, so strongly endorsed by our president, is making friends every day. It is no new thing. It has been going on without intermission for 1,000 years.

We have three huge volumes printed in 1728. The covers are leather a quarter of an inch thick. The paper is so tough that it is not easily torn.

There are combinations of letters in words which would puzzle many teachers today.

Then we have Bede's Ecclesiastical History with the spelling and letters of English of 1,000 years ago. It is almost as strange as an entirely new language.

One thing, however, is seen, viz.: that the sowing and culture of the ground have not changed materially. The tools only have.

Eggs are fourteen cents a dozen. We remember when they were sold at two cents a dozen. We were a boy then

and there was not a foot of railroad in Iowa.

For years after our family settled in the state the eggs, butter, etc., were hauled to the river towns in wagons. No wonder that at home such things were cheap.

We have, when a lad, assisted in driving hogs to Keokuk on foot. It was slow business. A wagon was taken along to haul any which should give out.

They did not make them so fat as we do at the present day. There were no Poland China, or any of our fine breeds.

Indeed we know of hogs which were sold right off the "mast," as acorns and nuts were called.

Of course these were from towns that lay along the forest border. Railroads and wire fences changed all this.

Several months ago 20,000 acres in oil and gas leases were taken by syndicates in the neighborhood of Lawton, Oklahoma. The Signal Star says: "Months have passed and no preparations for developing the fields have been made by this company and all others are kept out of the field because owners of the lands foolishly tied them up. It is claimed now that the company securing the leases has sold them to another company. If this is true, it is dollars against doughnuts that the Standard was all the time behind the lease securers, and the field will not be respected even as long as they can prevent it through their lease holdings."

The O'Neill Short-horn Sale.

The combination sale held at O'Neill, Neb., on September 7th, brought out a good crowd, but the race attraction at the fair mitigated against the success of the sale. The cattle were mostly young heifers and bulls except a few. The highest priced animal in the sale was the three-year-old cow, Sly Puss, a daughter of Sharon Victor, with heifer calf at foot, and she was purchased by Mr. W. G. Bell, of O'Neill, Neb., at \$100. Quite a number were on hand to buy bulls and the crowd picked up the heifers at fair prices.

Cancer Cured by Anointing with Oil.

A combination of soothing and balmy oils has been discovered which readily cures all forms of cancer and tumor. It is safe and sure and may be used at home without pain or disfigurement. Readers should write for free book to the originator, whose home office address is Dr. L. T. Leach, Drawer 365—, Indianapolis, Ind.

THE MARKETS.

Chicago, Sept. 8.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Sept. 1.....	88	220	6,581	2,046
Mon., Sept. 3.....	26,744	2,031	30,006	11,472
Tues., Sept. 4.....	9,364	1,794	19,364	18,998
Wed., Sept. 5.....	23,032	1,666	31,489	26,720
Thurs., Sept. 6.....	8,964	1,090	16,738	30,388
Fri., Sept. 7.....	2,634	197	13,309	6,469
Sat., Sept. 8.....	800	300	10,000	1,500

Total this week.....	71,538	7,078	120,906	97,547
Previous week.....	65,759	8,761	128,064	105,487
Cor. week 1905.....	68,358	6,893	113,499	117,472
Cor. week 1904.....	41,401	2,962	59,951	85,469

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., Sept. 1.....	562	98	768	113
Mon., Sept. 3.....	6,770	330	8,092	953
Tues., Sept. 4.....	3,004	31	3,505	8,239
Wed., Sept. 5.....	5,953	23	5,061	5,125
Thurs., Sept. 6.....	6,366	110	4,302	12,141
Fri., Sept. 7.....	5,126	258	3,774	5,713
Sat., Sept. 8.....	500	50	1,500	500

Total this week.....	27,714	802	26,234	32,671
Previous week.....	26,780	1,122	26,365	36,909
Cor. week 1905.....	27,705	661	35,431	44,629
Cor. week 1904.....	14,979	303	25,010	44,716

OTHER MARKETS.

Kansas City, Mo., Sept. 8.—Cattle—Receipts, 100; nominal. Hogs—Receipts, 1,800; steady to 5c lower; top, \$6.32½; bulk, \$6.15 @ 6.30. Sheep—Receipts, none.

National Stock Yards, Ill., Sept. 8.—Cattle—Receipts, 1,000, including 700 Texas; quiet and about steady. Hogs—Receipts, 1,200; steady; top, \$6.40; bulk, \$6.25 @ 6.35. Sheep—Receipts, 500, all direct.

St. Joseph, Mo., Sept. 8.—Cattle—Receipts, 200; steady. Hogs—Receipts, 3,000; 5c lower than Friday's average; top, \$6.25; bulk, \$6.05 @ 6.15. Sheep—Receipts, 2,200; steady to strong.

Sioux City, Iowa, Sept. 8.—Hogs—Receipts, 3,300; steady; range, \$5.60 @ 6.00; bulk, \$5.70 @ 5.85. Cattle—Receipts, 150; steady.

South Omaha, Neb., Sept. 8.—Cattle—Receipts, 100; unchanged. Hogs—Receipts, 5,200; strong; top, \$6.10; bulk, \$5.80 @ 6.00. No sheep.

CHICAGO MARKET LETTER.

From Clay, Robinson & Co., Sept. 7th: The native cattle market has ruled weak and lower this week on practically all grades. The recent supplies of western range cattle cut into the demand for medium natives as the buyers prefer the westerns the latter dressing out more economically as they have traveled a long distance and are well shrunk out. We do not look for any improvement in the market for common to medium native cattle for the next few weeks as westerns will hold the boards during that time. However, there is a steady demand for prime

LANDS AND HOMES FOR SALE

A BEAUTIFUL
OKLAHOMA HOME.

320 ACRES of good land lying 3½ miles from Kingfisher, county of Kingfisher, the town of about 6,000 inhabitants, and is the county seat, besides being the largest grain market in Oklahoma. Farm lies well, and every foot of the land can be plowed; there is now 260 acres in cultivation, balance in pasture. Good new five-room house, large barn, size 30x40, with hay loft, granary room for 3,000 to 4,000 bushels of grain; plenty of good water and windmill; water is piped into tank at the barn; good orchard farm, all fenced and crossfenced; soil is of rich sandy loam and very productive, being well adapted to raising corn, wheat and cotton. Dwelling is one-half mile to school house, besides being three miles from Kingfisher college, the greatest, largest and most thorough college in Oklahoma, having recently received an endowment of \$18,000. This is one of the choice farms in Kingfisher county, the banner crop county of the territory and in a very desirable investment for a home. Any one wanting a first-class home, good soil and good improvements, good neighborhood, etc., will certainly be contented here. The farm must be seen to be appreciated. Price, \$12,800, with incumbrance of \$4,000 at 6 per cent. interest. This beautiful home will not be on the market long at this price, so you better act quick.

THE HOME LAND CO.

Main Office in Newton Hotel. NEWTON, KANSAS.

YOU HAVE NEVER
SEEN IT

BUT you should, this 631 acre farm, all fenced and cross fenced, never failing water, 200 acres under cultivation, some alfalfa and other tame grasses, good orchard bearing, balance pasture and mow land. House of 7 rooms, barn, cribs, feed yards, etc. Only 2½ miles from good shipping and trading point; 20 miles from Emporia. Price only \$45 per acre. Good terms can be given. Write for booklet on Lyon Co., Kan. I. N. WELLS & SON, EMPORIA, KAN.

SUNNY
COLORADO FREE

BOOKLET about Colorado and other WESTERN STATES, has just been issued, setting forth the advantages and profits of investing in irrigated and non-irrigated lands. Beginning with the question, "Do you want a change?" it leads the reader on through a description of the climate, the farming system, fruit and vegetable crops. If interested, write for free booklet. The W. E. Moses Co., 718 17th Street, Denver, Colorado.

ARE COMING WESTWARD?

BUY a home in central and northern Kansas, in the corn, wheat, alfalfa and hog belt. We have the best of soil and an ideal climate. For full description and particulars, address Griffin's Real Estate Agency, Smith Center, Kan.

HORSE RANCH, with meadow and range for 500 head, will be exchanged for half interest in live stock company that will stock the ranch with 100 good mares. No expense for feed or management for two years. Lemhi Land Co., Salmon, Idaho.

BOTTOM farm, Republican Valley, 1½ miles from town. Raise corn, alfalfa, sugar beets, grain, hogs and cattle. 800 acres at \$25 per acre.

D. C. BENEDICT. CULBERTSON, NEB.

HOMESSEKERS' EXCURSION

TO Jasper county, southwest Missouri, every two weeks. Write for free list of lands for sale. M. F. Davison Realty Co., Carthage, Mo.

1 SEC. river bottom land, Cheyenne Co., Kan. Good soil. 100 A. under irri., part seeded to alfalfa. Price \$25 per A. R. D. Voorhees, 1957 Wash. St., Lincoln, Neb.

well fattened native bevers and these will continue to sell well right along. At the present time choice to extra prime corn-fed steers are quotable at \$6.25 to \$6.80, good to choice steers at \$5.60 to \$6.25, medium to good \$4.90 to \$5.60, common to fair at \$4.15 to \$4.90. We have had very liberal receipts of butcher stuff this week and while best grades are about steady, others have declined 10c and 20c. The supply of western cows have been heavy and the quality good which has affected the sale of native butcher stuff. The tendency of the stocker and feeder market has been slow and draggy on certain grades. Best heavy fleshy feeders continue in good demand and there is also a specially strong inquiry for prime yearlings and spring calves, as well as for feeding heifers. The hog market under decreased receipts has gained 5c @ 10c from a week ago. Today the bulk of the good hogs sold at \$5.50 @ 5.60, with extreme top at \$6.2½. The week is closing with the sheep and lamb market in excellent condition; in fact, good western lambs are selling at the highest point in years. Some prime Idahos reached \$8.00 today. We are not getting many choice native lambs but anything strictly prime would sell up to the same figure. As a matter of fact, however, there are not many lambs coming good enough to sell above \$7.50. There is a very strong demand for feeding lambs at prices ranging around \$6.90 to \$7.00 for best, with fair to good grades at \$6.60 to \$6.75.

PIKE'S PEAK CELEBRATION.

For the above occasion the Chicago Great Western Railway will sell round trip tickets from Des Moines to Denver, Colorado Springs and Pueblo at rate of \$19.25. Tickets good to leave September 19th to 22d and return until October 15th. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ST. JOSEPH AND RETURN.

Account of Interstate Live Stock and Horse Show the Chicago Great Western Railway will sell tickets to St. Joseph, Mo., and return at rate of one and one-third fare on September 22d to 29th, with good return limit. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Eastern Kansas

I HAVE for sale at owners' prices over 300 choice improved farms of all sizes in Lyon and Coffey counties, located in the heart of the best part of

NEOSHO RIVER VALLEY

All smooth, level land, no hills, stone and or hardpan; best black soil with clay subsoil. No hot winds; plenty of timber, fine water, tame grasses and fruit of all kinds. Long farming season and short, mild winters. Splendid school and social advantages. A live, up-to-date business town of 1,000 population with two long distance and local telephone systems, 5 rural mail routes; 3 large, new grain elevators; best shipping facilities; 100 miles to Kansas City market. Prices cheaper and selection better than near county seats. Write for new illustrated descriptive circular. Mention The Homestead when writing.

ED. F. MILNER, Hartford, Kansas

Bring This
Advertisement

WITH you when you come to the Panhandle of Tex. We have our own lands, and will sell at \$10 per A. Wheat is averaging 20 bushels per acre. Other grains in proportion. The 1st c. prairie lands to be had cheap. Address:

H. S. Crouse & Co., 213-14 N. Y. Life Bldg., Kansas City, Mo., or Bedford, Texas, Ritchey Hotel.

FARMS IN
Eastern Central Kansas,
FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa, apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices.

JAMES SHEERAN, Dickinson Co., Solomon, Kan.

MISSOURI.

CHOICE farms in Bates and Johnson counties; in the corn and blue grass belt. Close to Kansas City. Write for list.

BUTLER LAND CO., BUTLER, MO.

IOWA FARMS

FOR SALE AND FOR RENT.

WE have over 100 of the choicest Iowa farms for sale from \$55.00 to \$90.00 per acre. We have five or six large farms to rent. Write us for catalog and map of Iowa. It is free.

THE ALLEN LAND & LOAN CO., LAURENS, IA.

LAND. LAND. LAND.

A FINE Buffalo County farm of 120 acres for sale, on account of owner wishing to engage in other business. This is one of the finest farms in the state. All A. No. 1 farm, wheat and alfalfa land. There are over \$10,000 worth of improvements upon this land; 600 acres under cultivation, 80 acres in alfalfa, balance in pasture and wild grass meadow; located 1 mile from school, in one of the best neighborhoods in the county; 12 miles from Kearney, 6 miles from two stations. This land will pay 25 per cent on the investment. Will sell \$500 acres in case purchaser does not want the entire tract. Price, \$60 per acre, good terms. For above land address owner,

W. H. GRASSMEYER, RIVERDALE, NEB.

TEXAS FARMS

In tracks of 40 to 500,000 acres

\$3 TO \$20 PER ACRE

Come to Texas, the land of opportunities—Now is the time to buy. Write for list of bargains and booklets, FREE—

TEXAS LAND DEVELOPMENT CO. DEPT. 26 DALLAS, TEX.

FARMS FOR SALE.

160 ACRES in Anderson Co., Kansas; good buildings; R. F. D. and phone; 2 mi. from gas and oil wells; every foot tillable; corn this year good for 60 bu. an acre; a snap at \$37.50 per acre. 160 Acres, 6 mi. from Heron Lake, Minn.; fine level farm land, all tillable. Price, \$35 per acre. Write today.

WESTERN FARM LAND & REALTY CO., 908 N. Y. Life Bldg., KANSAS CITY, MO.

TWO CHOICE KANSAS FARMS

320 ACRES \$45, near town, 160 acres, good buildings, well improved, near town. Immediate possession, easy terms.

W. E. Francis, Newton, Kan.

FARMS, STOCK RANCHES, CITY PROPERTY

BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank, Hartford Land Co., Hartford, Kansas.

DON'T FORGET THE fine hall-section land we are offering for sale in the famous Mouse River Loop, N.D. All under cultivation. Price, \$31.50 per acre. \$5,500 will handle it. Paul S. Stearns, Westhope, North Dakota.

Want To Sell FINDING BUYERS is our business. Free booklet explains our successful plan. Don't wait. Send Your Farm? for it. REALTY PUBLICATION CO., Scam. Am. Bank, ST. PAUL, MINN.

When writing please mention this paper.



MINNESOTA ACRE BONDS



The Opportunities Offered by Cass County (Minnesota) Farm Lands Are Drawing Thousands of Families to That Section. The Lands Are Being Rapidly Taken Up And It Will Be the Same Here As It Was In Iowa, Nebraska, Kansas And Other States. Values Are Going UP. UP. UP. Lands Can Be Bought Today by the ACRE BOND PLAN for \$10 Per Acre, But They Will Not Remain Long at that Price.

THE ACRE BOND PLAN

is beyond any doubt the Easiest, Safest, Most Desirable, Most Honest and Straightforward ever invented. It enables you to buy a farm just as you can afford to buy. You can pay for your land one acre at a time if you wish. And you are not obliged to pay at any set times or in any set amounts. No forfeits. No chance under any circumstances to lose even one single payment.

How This Plan Differs From Buying Land On Instalment Payment Plans—and Why It Is Better.

Suppose you want to buy a farm of forty acres, and you want to pay for it at the rate of \$10 per month. Under the old instalment plan you would enter into a contract to buy the forty acres. You would begin making payments—but you would **NOT OWN ANY LAND** until you had paid for the entire 40 acres. If, for any reason you could not keep up your payments you would lose whatever you had paid in.

Now, under our plan—the **ACRE BOND PLAN**—you would **not** enter into a contract. You would begin paying \$10 monthly or any other way. And every time you paid \$10 you would receive a **BOND ON ONE ACRE OF LAND**—and that bond would at once begin earning you 5 per cent interest. When you had made 10 payments you could (if you wish) exchange them for a **WARRANTY DEED** to 10 acres of land. That land would **BELONG TO YOU**. Then you would accumulate 10 acres more in the same way—and so on until you had your 40. While you are buying it you are running no risk of losing a dollar. You can stop payments any minute. You still have your bonds or your land. There are no forfeits of payments already made. In other words you **GET YOUR MONEY'S WORTH FOR EVERY PAYMENT**.

On the Acre Bond Plan YOU CANNOT LOSE.

On the Instalment Payment Plan You Lose All You Pay In Unless You Are Able to Continue Paying to the End.



Growing Corn in Cass County.

The Reason Why This Land Can Be Bought So Low.

Do you know that lands in southern Minnesota and Iowa now worth \$75 and \$100 per acre sold for \$4 and \$5 per acre not more than twenty years ago? The same is true of the timber lands of southern Wisconsin. These Cass county, Minn., lands were until very recent years covered with forests. The lumber companies in some instances owned the land. It was only a short time ago that these lands were available for farming purposes. Now they are known as "cut over" lands, meaning the land from which the timber has been cut.

A large part of this country needs to be cleared of the stumps left from the cutting of the timber. Energy is needed, nothing else, to make a farm

here worth just as much as a farm in any of the older settled parts of the country. The soil is very rich. It is sandy loam with a clay subsoil. There is plenty of water, the rainfall being about forty inches. It makes the best dairy land in America. No one will question this statement who is at all familiar with this section. Clover and the tame grasses thrive as you never see them grow in Iowa or farther south. Vegetables of all kinds grow so large that the counties of central Minnesota always take the prizes at the state fair.

Anyone at all acquainted with soils will realize how rich this land must be when he considers the fact that it was formerly covered with maple, elm,

poplar, pine, and basswood timber. The forest fires have done much toward making the land easy to clear. There is just enough wood left for fencing and local uses.

There is never a crop failure in the timber country.

The lands lie in the famous Park region which has been talked of for several years as the location for a national park. There are no swamps or marshy lands. The drainage is excellent.

Facilities for marketing vegetables, produce and crops are exceptionally good. Railroads run all about and through this land, and there are numerous settlements. Land values are advancing rapidly. Our advice to you

would be to get started to buying your farm just as soon as you can.

We prefer for you to come and look the lands over. But as there are many who cannot come at once we have arrangements to describe and picture to you just what we have. If you have friends in Minneapolis ask them to pick out your land for you, or ask them what kind of land we have. If you wish, we will pick out your land and hold it for you subject to exchange if not your preference. Our booklets which we send you free will tell you all about the farms, what is raised, how much and what kind of grain is grown on our lands and give you lots of other valuable information.

Don't Overlook the Splendid Investment Features of Acre Bonds. Your Money Secured by Real Estate and Drawing 5 per cent Interest. Even Though You May Not Want to Buy a Farm, You May Never have Another Such Opportunity for a Safe Investment.

We have valuable and instructive booklets, maps, photographs, etc., which we will be glad to send you. Write today, right now, while you are thinking about it. Better still, send a first payment of \$10 and begin buying a farm now. We will send you a Bond on an acre of land for your \$10 payment. There will never be a better time for you to begin on this plan to accumulate.

REFERENCES:

MINNESOTA NATIONAL BANK, Minneapolis.
MR. FRANK A. CHAMBERLAIN, President Security Bank of Minnesota.
NATIONAL BANK OF COMMERCE, Minneapolis.
MR. E. H. MOULTON, President Twin City Telephone Co.

FRANKLIN BENNER LAND CO.,

704 Bank of Commerce Building, MINNEAPOLIS, MINN.



Wheat Growing in Cass County.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Sept. 20, A. W. H. Orr, Lorimer, Iowa.
 Sept. 20, A. F. Russell, Savannah, Mo.
 Sept. 23, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Skeen, South Auburn, Neb.
 Sept. 25, A. L. Mossman, Radcliffe, Iowa.
 Sept. 26, Peck & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 26, W. A. Craver & Son, Fillmore, Ind.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 27, Hatcher-Pfander-McClelland Sale, Clarinda, Iowa, W. W. McClelland, Mgr.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, John Weighton, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, E. Z. Russell, Blair, Neb.
 Oct. 8, J. C. Danner, Yale, Iowa.
 Oct. 8, R. E. Williams, Oakland, Iowa.
 Oct. 9, August Voge, Portsmouth, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, A. L. Mason, Early, Iowa.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, F. D. Woodkie, Shaller, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, A. Wilson, Bethany, Neb.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, H. E. Watson, Edinburg, Ind.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, W. A. Kirkpatrick, Lincoln, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelby, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 18, B. R. Miller, Randolph, Neb.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Alldritt, Friend, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Harris, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, A. L. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Dondurant, Iowa.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Ed. A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10-15, Northwest Iowa Circuit, J. A. Shade, Mgr., Kingsley, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, H. Higgin & C. T. Roberts, Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, R. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wauau, Neb.
 Feb. 18, John Lyden, Bedford, Neb.
 Feb. 18, A. E. Poush, Charlton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 28, Albert McMahon, Craig, Neb.
 THE ONLY WAY DUROC CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 SHORT-HORNS.
 Sept. 18, M. L. Logan, Lineville, Iowa.
 Sept. 20, S. S. Hall, J. R. Mansfield & Sons, T. Serck and J. O'Kane, at Wisner, Neb.
 Sept. 27, State Center Short-horn Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, John Hughes, Belle Plaine, Iowa.
 Oct. 6, A. M. Jones, Lafayette, Ill.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, P. A. Schaefer & Son, Raleigh, Iowa, at Estherville, Iowa.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 18, W. I. Wood, Washington C. H., O.
 Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 23, T. A. Davenport, Belmond, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, T. A. Baldwin, Emmetsburg, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 POLAND CHINAS.
 Sept. 15, Geo. H. White, Emerson, Iowa, and E. H. Metzger, Fairfield, Iowa, at Council Bluffs, Iowa.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 25, W. T. Garrett & Son, Maryville, Mo.
 Sept. 26, J. W. Pfander & Sons, Gravity, Ia.
 Sept. 27, Ed Holmes, Bedford, Iowa.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 28, E. E. Leighton, New Market, Iowa.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, F. J. Green, Early, Iowa, and Ben Broughton, Lake View, Iowa, sale at Lake View.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 18, O. R. Phelps, Taintor, Iowa.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meese & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Nov. 15, A. L. Meith, Cairo, Neb.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 ABERDEEN ANGUS.
 Sept. 17, Dispersion Sale, W. W. Andrews, Maryville, Mo., Hal T. Hooker, Mgr.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 19, M. D. & C. G. Korns and Wm. Dixon, Hartwick; U. S. Grant, Brooklyn; A. H. Kimball, Ladora, and H. H. Reed, Marenco, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Alcedo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Ia.
 Oct. 25, McElhinny & Cubitt, S. E. Edgar, and others at Morning Sun, Iowa, W. K. Henss, Manager, Wayland, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 May 23, C. J. Martin, Churdan, Iowa.

Dates Claimed for Live Stock Sales.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 HEREFORDS.
 Sept. 21, J. G. Von Seggern, Wisner, Neb.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Oct. 17, 18, 19, Frank Rockefeller, at Kansas City, Mo.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 ANGUS, SHORT-HORNS, RED POLLS, HEREFORDS, DUROCS AND POLAND CHINAS.
 Sept. 14, Combination Sale, J. F. Schoby, secretary, Algona, Iowa.
 SHORT-HORN CATTLE AND TROTTER-BRED HORSES.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
 GALLOWAYS.
 Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
 SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
 Nov. 21, Saddle Bros., Hastings, Neb.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reese, Prescott, Iowa.
 POLED DURHAMS.
 Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.
 SHROPSHIRE SHEEP.
 Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
 STANDARD BRED AND DRAFT HORSES.
 Sept. 26, McNeil Bros., Bowen, Ill.
 SHORT-HORNS AND DUROC JERSEYS.
 Oct. 27, A. P. Alsin, Boone, Iowa.
 Feb. 25, W. C. Cameron, Herman, Neb.
 SHORT-HORNS AND POLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
 PERCHERONS.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 CHESTER WHITE AND DUROC JERSEY HOGS AND SHROPSHIRE SHEEP.
 Oct. 11, Combination sale, J. S. Kennedy, Mgr., Blockton, Iowa.
 O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.
 POLAND CHINAS AND HEREFORDS.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northwest Breeding Company, Emmetsburg, Iowa.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 FIELD NOTES.
 Mr. B. F. Clark, of Albia, Iowa, is offering Lincoln rams for sale in his advertisement on page 13 of this issue.
 Remember the White-Metzger Poland China sale at Council Bluffs, Iowa, on September 15th. Nearly all their prize winners are included.
 A three days' sale of Hereford cattle is announced by Mr. Frank Rockefeller, the sale to be held in the fine stock pavilion at Kansas City, Mo., October 17th, 18th and 19th.
 Mr. Thomas Gorman, of Avery, Iowa, has fifty smooth, rangy, heavy-boned O. I. C. spring pigs which he is offering for sale in his advertisement on page 36 of this issue.
 Mr. J. C. Jay, of Mt. Pleasant, Iowa, is offering Duroc Jersey pigs for sale on approval, in his advertisement on page 30. He can furnish them in pairs not akin and eligible to record.
 Mr. J. D. Golder, of Scribner, Neb., is offering thirty-five head of spring boars sired by his \$300 boar, Glendale Jim 33291, second-prize boar at Des Moines in 1905. He is very reasonable in his prices.
 Mr. B. C. Benedict, of Culbertson, Neb., is offering an 800-acre farm for sale, located in the Republican Valley bottom. For the price read the advertisement on page 21 and write Mr. Benedict for further particulars.
 How about attending the A. W. H. Orr Duroc sale on Thursday, September 20th? Fancy-bred individuals included in the offering. Some are going to make herd headers. Write for catalog. See sale card on page 38.
 Mr. A. Latimer Wilson, of Creston, Iowa, is offering Cotswold rams for sale on page 13 of this issue of The Homestead. He also announces that he is selling imported Percheron, English Shire and Belgian stallions at \$1,000 each.
 Get prices on Mr. R. J. Peckham's growthy Polands. The great boar, Major Blain, has passed away and his get are left to make his past reputation stand. Mr. Peckham breeds hogs with quality, bone and finish. His sows farrow large litters and raise them.
 Messrs. Manlove Bros., breeders of Duroc Jersey hogs, of Bowen, Ill., have canceled their date claim of October 26th and wish to announce that they will sell their pigs at half price for the next thirty days. They are good and very large for their age. The herd is headed by Big I Am 2885, the first prize winner at the Illinois State Fair in 1904, and they have the produce of prize-winning strains on hand.
 Mr. H. S. Chapman, of Pawnee City, Neb., is advertising some choice pigs in our columns. His type of Polands are the kind that sell readily. Look up his advertisement on page 37 and write him for prices. You cannot go wrong in making a purchase here.
 One hundred choice Iowa farms are offered for sale by the Allen Land and Loan Company, of Laurens, Iowa, on page 21 of this issue. They also have five or six large farms which they wish to rent. Write them for catalog and map of Iowa, which is sent free.
 The advertisement of Griffin's Real Estate Agency, of Smith Center, Kan., appears on page 21 of this issue of The Homestead. They have land for sale on central and northern Kansas in the corn, wheat, alfalfa and hog belt. For full description and particulars write the agency.
 Long Mac's Model 41627, a boar used in the A. W. H. Orr herd at Lorimer, Iowa, was one in the litter under six months old that won first at the Creston district fair last fall. Some of his sons are included in Mr. Orr's sale on Thursday, September 20th. Better write for a catalog.
 Messrs. McNutt & Meese, of Ord, Neb., and Comstock, Neb., will hold their Poland China sale at Grand Island, Neb., on October 27th. Watch The Homestead for the sale advertisement. These gentlemen have been winning their share of ribbons at the Nebraska State Fair and some of the winners will be included in the sale.
 Mr. Robert Pritchard, of Carroll, Neb., purchased of Mr. Charlie Pratt, of Frankfort, Kan., the first-prize under six months pig at the Nebraska State Fair last week and he will be put at the head of his herd. He will be mated with his gilts sired by Combination, the boar he paid \$275 for at the Kirkpatrick sale last fall.
 Mr. James Sheeran, of Solomon, Kan., has eastern central Kansas farms for sale in a German settlement; also farms for sale in a Catholic settlement. The land is in Dickinson county, where large yields of wheat, corn, alfalfa, apples, peaches and fruit of all kinds are produced. Write him for list of farms and price you want.
 A 631-acre farm, all fenced and cross fenced, with never-failing water, 200 acres under cultivation, house of seven rooms, barn, cribs, feed yards, etc., is offered for sale at a very low price per acre by Messrs. I. N. Wells & Son, of Emporia, Kan. The advertisement from which further information can be learned appears on page 21 of this issue.
 Mr. F. Alldritt, of Friend, Neb., is offering some choice pigs of spring farrow. His spring crop will number around 200 head. These represent the blood of Crimson Wonder, Improver 2d, Red Knight, Cole's Duroc, Higgins' Model and Red Chief I Am. He has any number of pigs that should be looked after. His fall sale will be announced later.
 Messrs. Stewart & McCann, of Kennard, Neb., showed Durocs at the Nebraska State Fair last week and succeeded in landing first prize on senior yearling sow, sixth on junior yearling, fourth on aged herd and fourth on boar under twelve months. They have a nice line of boars for sale, bred along the same lines, and they will price them right if taken soon.
 The Hartford Land Company, of Hartford, Kan., deal in farms, stock ranches and city property, buying, selling and exchanging. They have a large list of the best farm lands in eastern Kansas for sale and solicit visits or correspondence of prospective purchasers. Their advertisement appears on page 21 of this issue and they give as reference the Hartford National Bank.
 A horse ranch with meadow and range sufficient for keeping thereon 500 head is offered in exchange for a half interest in a live stock company that will stock the ranch with 100 good mares in the advertisement of the Lemhi Land Company, of Salmon, Idaho, which appears on page 21 of this issue of The Homestead.
 A booklet entitled "Sunny Colorado," giving valuable information about Colorado and other western states, has just been issued by the W. E. Moses Company, of Denver, Colo. This booklet, which sets forth the advantages and profits of investing in irrigated and non-irrigated lands, will be sent free by application to the above company, at 718 Seventeenth St., Denver, Colo.
 Mr. W. F. Hemmerling, breeder of Chester White swine, of Dike, Iowa, is advertising for sale thirty choice spring pigs. They are sired chiefly by W. F.'s Model 12101, the boar that took second place in his class a few days ago at the Iowa State Fair. W. F.'s Model is a boar of great promise. He has proven himself a breeder of size and finish. See advertisement on page 36.
 Messrs. W. H. Seaman, route 5; Carl H. Van Evera, route 1, and Gus. E. Seaman, route 5, all of Davenport, Iowa, have 100 head of thoroughbred Red Polled cattle which they are offering for sale on page 34 of this issue of The Homestead. The offering includes twenty-five bulls ranging from eighteen months old down, also some choice beefers. They will be quoted at reasonable prices.
 We would like to call the attention of our readers to the advertisement of Mr. J. P. Eveland, of Jamaica, Iowa, which appears on page 36 of this issue. Mr. Eveland is offering four Duroc Jersey fall boars and a few spring boars for sale, sired by Modeler's Boy 46359 by Top Notcher, and out of Belle by Gold Dust Jim. Modeler's Boy has an exceedingly heavy bone and is very lengthy, which is a notable characteristic of his get. Some of the above boars are sired by King David II. 34759.
 On account of wishing to quit farming and engage in other business Mr. W. H. Grassmeyer, of Riverdale, Neb., is offering his 790-acre farm (located near that city) for sale. His advertisement on page 21 of this issue gives some information in regard to the improvements on this farm. The land is mostly all fenced and cross-fenced, including two fine pastures fenced off for hogs. Five hundred acres are under cultivation, eighty acres in alfalfa, 125 acres fenced in pasture, and the balance in wild

hay meadow. See his advertisement on page 21.

Messrs. A. M. Avery & Sons, of Masou City, Iowa, are breeders of Short-horn cattle, Shropshire sheep, and Duroc Jersey hogs. They are offering bulls, boars and bucks for sale in their advertisement which appears on page 30 of this issue. They state that they are good ones and that they will be priced right.

The new advertisement of Mr. S. D. Miller, of Wellmau, Iowa, offering Galloway cattle for sale appears on page 30 of this issue of The Homestead. Mr. Miller has eight bulls, six cows, and three heifers which he will quote at prices sufficiently attractive to move them at once.

Mr. E. A. Fricke, manager of the Short-horn sale of the State Center Short-horn Breeders' Association, writing to The Homestead, says: "You can tell your readers that the cattle which Mr. C. P. Klump, of Nevada, Iowa, is consigning to our sale on September 27th, are a good, well-bred lot. One of the bulls was a winner in the calf class at the Story County Fair last year."

The Be Saw Chemical Company, of 835 Schofield Building, Cleveland, Ohio, have an advertisement on page 16 of this issue of The Homestead that will interest any of our readers who use stock foods of any kind. This company are placing on the market the Arabian Stock Food Tablets which are to be used in preparing your own stock food. Send to them for their printed matter after reading the advertisement referred to.

Mr. James Spear, breeder of Aberdeen Angus cattle, of Stanwood, Iowa, writes: "The cows and heifers we are offering for sale are a choice lot and are bred to Rose Gay Lad 70259, who won second as a calf at all the shows, including the American Royal and the International and the same rating as a yearling. I also have six choice yearling bulls—good, large-boned, low-down, blocky fellows." See advertisement on page 35.

Mr. E. J. Brown, of Osceola, Neb., is the owner of one of the best pigs shown on the Nebraska State Fair Grounds this year. Mr. Brown knows a good pig on sight and never lets a chance go. He purchased this one to use on his Red Knight sows and Belle's Echo stuff, as well as getting line breeding for his Crimson Wonder sows. The pig represents the blood of Crimson Wonder. You will hear more of him.

Messrs. J. M. Morrison & Son, of College View, Neb., are offering some very choice pigs sired by Ohio Chief and Morrison's Bell Top. This herd has as strong a lot of sows as you will find in any herd in the United States. They made the world's record on high average of this breed last spring. The great show boar, Kan't Be Beat, is now in the herd. Buy a sow bred to him. Look up the advertisement on page 39.

A 240-acre Iowa farm is offered for sale on page 22 of this issue by Messrs. Bosserman Bros., of Murray, Iowa. The land lies well, part of it, however, being rolling. There is an abundance of water, piped from a spring; and in fruits there are apple, peach, and cherry trees and also small fruit. This farm will be sold on easy terms and at a price that may be considered a snap. Write the advertisers as above or go and see the farm.

Mr. T. A. McMahon, of Craig, Neb., offers a good bunch of Duroc Jersey boars for sale sired by Agitator, one of the best breeding sons of Proud Advance. He also has a choice litter by Trone's Oom Paul and a very choice litter by Duroc Standard, a grandson of the sweepstakes boar, King Perfection. His Oom Paul litter is not awfully long of body, but they are full of quality and are very showy. Write him for prices, as he can suit you if you are looking for something real choice.

The firm of Messrs. Burress, Billiter & Burress, of Carroll, Neb., showed Percherons and Belgians at the Nebraska State Fair last week and got fifth prize on Belgian and sixth prize on Percheron stallion. Their Belgian show horse is Marquis De Derumon, and he was one of the best movers in the show. He lacked somewhat in flesh to show to best advantage, but was one of the most popular horses with the audience who watched the judging. This firm have an excellent lot of horses for sale and they are pricing these at a figure that anyone can buy.

Mr. Joe Young, of the firm of Messrs. Young & Duncan, of Madison, Neb., purchased Mo. King 39964, the third-prize boar at the Iowa State Fair this year. His sire is Wandering Boy 35380 by Chief Tecumseh 3d and his dam is Little Gem by Gully Perfection by Chief Perfection 2d. Mr. Young won second on his yearling sow, Queen of Diamonds, at the Nebraska State Fair and he got seventh place on her at Des Moines. The firm of Messrs. Young & Duncan will make a public sale of twenty-five boars and twenty-five sows at Mattison, Neb., on September 29th.

Mr. Gilbert Van Patten, of Sutton, Neb., was again a winner at the Iowa State Fair. His high-class herd of Durocs always show their value in the show ring, as well as the breeders. Mr. Van Patten won second on the six months male boar sired by Beauty Wilkes. He also won second on a yearling sired by Ben Davis. The latter was purchased before the show and Mr. Van Patten will use him in his herd. He has several very strong animals in his herd and we can say that you can expect some choice stock by buying of this reliable breeder. Look up the advertisement on page 39.

The Royal Ruby Duroc Jersey herd, owned by Mr. Gus A. Pederson, of Ocheyedan, Iowa, advertises boar pigs on page 30 of this week's issue. He writes us as follows: "I have never had better success with my pigs than I have this year. I have 105 living pigs from fifteen sows and eight of them were gilts. They are all doing splendidly and I have never had a better lot of boars. They are sired by Osceola Chief, a very large, heavy-boned hog, also by Proud Perfection, one of the best sons of the Iowa State Fair first-prize winner in 1905; Perfection Chief. I have closely culled my pigs and I am prepared to ship only the best." Mr. Pederson furnishes free livery to intending purchasers and will be glad to

have the boys call and see him. He will treat you fair if you send him an order for a boar pig.

Messrs. Rhea Bros., of Arlington, Neb., the bustling Percheron stallion firm, are gradually hitting the high places, and last week at the Nebraska State Fair they succeeded in landing the following premiums: Second and fourth on four-year-old stallion; first on three-year-old stallion; second, third and fourth on two-year-old stallion; first, second and third on yearling stallion; third and fifth on aged mares, and second and third on maro colt. The boys have a lot of good stallions in their barns, besides these winners, and will be glad to show their horses at any time to intending buyers.

Mr. Jno. Cramer, of Beatrice, Neb., is offering some real choice Chester White pigs. This herd is not only well represented in blood of noted families, but is as well marked on individual merit as you will find any place. Mr. Cramer has used good boars at the head of his herd and has gained a wide reputation for being able to supply the demand of the hogmen of his breed. He was a good buyer at the Kerr sale last year and has some of that gentleman's show stock in his herd today. We believe this herd to be one of the good ones and would willingly recommend it to you as one of merit and honest dealings. Look up his advertisement on page 36.

The Interstate School of Correspondence, affiliated with the Northwestern University of Chicago, Ill., is making an announcement on page 2 of this issue of The Homestead that will be of particular interest to those of its readers who contemplate taking up home study. This school gives instruction in forty courses of study in normal, academic, commercial and pharmacy departments. Those taking the courses will receive university entrance credits and annual scholarships in the university for the best work in the correspondence courses. The instructors are college graduates who give their entire time to this work.

Mr. Frank Iams, of St. Paul, Neb., the well-known Percheron, Belgian and French Coach importer and breeder, showed horses at the Nebraska State Fair last week and succeeded in winning the following premiums: On Percherons he won first on stallion four years old or over; third, fourth and fifth on stallion three years old, and sweepstakes stallion. On Belgians he won first on stallion four years old or over; first, second and third on stallion three years old; champion stallion, and first on stallion two years old. On coaches he won second and fourth on stallion four years old; fifth on stallion three years old.

Mr. W. S. Penn, proprietor of the East Linn Breeding Farm of Duroc Jersey swine, of Springfield, Iowa, in furnishing copy for his new advertisement which appears on page 38 of this issue, writes: "My crop of spring pigs are now for sale. They are coming along nicely, not fat, but growing and making frame for future use. September 1st they weighed around 150 pounds, and some of them considerably more. I am pricing them reasonable and will give my customers a square deal all around. My pigs are mostly by Iowa Chief 37453, but I also have pigs by Rosewood 31345, Cracker Jack 33885, King Perfection 16235, and Roy Advance 42724."

If you are a real estate owner in all probability you would like to sell your holdings if you could realize a reasonable price for them. Perhaps you do not wish to list your property with a local agent for some reason, or perhaps you would rather have the advantage in listing it of the facilities of an agency doing a national business and covering the entire country. If you are looking for such an agency which can sell your property without delay it would be well to correspond with Mr. A. Edgar Davis, of Room 412, Brace Block, Lincoln, Neb., who sells real estate located in any part of the country and who is in close touch with over fifteen hundred agents located everywhere. Write him.

Messrs. Jos. Skinner & Son, of Bedford, Iowa, write: "Our March and April Duroc Jersey boars are the special attraction with us now. We have not raised quite as many as usual, but those that we have are unusually good, so that buyers at this place will have a good lot to select from. We like for buyers to inspect our herd, but will be glad to quote prices by mail to all those desiring, and will do our best to fill all mail orders in the most satisfactory way possible. The boars are sired by Billy Golden 37037, Addy's Chief 42615, Mogul's Best 27643 and Expansion 43949, some of the most noted hogs of the breed. Anybody desiring a good pig will not go wrong in placing their order with us." See advertisement on page 30.

The M. F. Davison Realty Company of Carthage, Mo., are offering for sale some fine farms in Jasper county, which is a great corn, wheat, fruit and stock country. Jasper county claims to raise and grind more wheat than any other county in the United States. In purchasing a farm there, you may not only buy rich land, but beneath the soil may be treasures of a thousand times more value, as it is one of the greatest zinc and mining districts in the world. Carthage is the county seat of Jasper county and is a beautiful and prosperous city of 14,000 people. It has good schools, fine churches and homes. If you are contemplating a change in location it would be well for you to write the M. F. Davison Realty Company. See their advertisement on page 21.

Mr. B. M. Boyer, of Farmington, Iowa, is offering Improved Chester White pigs for sale in his advertisement on page 30. Writing in regard to his herd he says: "My pigs are all of March farrow, mostly early, and they have made exceptionally good growth and are the nicest bunch of pigs I ever raised. As a general rule they have nice neat heads, small, drooping ears, are lengthy, with good, strong backs; are well quartered, have deep sides, good heart and flank girth, large, strong, smooth bone, straight legs, and every one stands right up on its toes. Have the range of an eighty-acre farm and run on blue grass, clover and rape pasture. They are fed a feed composed of equal parts of oats and rye ground together, with 100 pounds of tankage added to every 700 pounds of oats and rye. This is mixed into a thick slop and fed twice daily, morning and evening, with but

little ear corn of an evening, so you can see I have been feeding for bone and muscle, and I certainly have it. My pigs are all out of matured sires and dams, their sires weighing from 550 to 850 pounds in breeding condition, dams weighing from 400 to 700 pounds if fat. I am getting out an illustrated catalog which I furnish free, giving full particulars in regard to my herd."

Mr. W. A. Kirkpatrick, of Lincoln, Neb., was out this season with his show herd, and among the lot were some very strong yearling boars by the great Crimson Wonder. A few fall sows sired by this same hog were taken on the trip and they were all noticed when any breeder passed the pen. Mr. Kirkpatrick was very unfortunate in losing his herd boar, Fancy Crimson, sired by Crimson Wonder. This hog had developed into a large animal and his get are very strong. Mr. Kirkpatrick has some choice spring boars sired by Fancy Crimson and these will be offered at prices that will sell. The Crimson Wonder blood has become very scarce and if you are looking for it you should get in early. Look up his advertisement on page 39.

Mr. Chas. C. Norton, breeder of Short-horn cattle, of Corning, Iowa, writes: "I have received word from Mr. H. P. Eakle, Jr., of Woodland, Cal., to the effect that he has made a showing of some of his Short-horns at the recent California State Fair at Sacramento, Cal. He won first on two-year-old bull and first on junior yearling bull. Both of these bulls had for dam the young cow, Bampton Spray, bred by me, and sired by my Imp. Bampton Admiral, and one of the bulls was sired by my Banker's Victor. The Howard Cattle Company won first at the same show on a junior yearling heifer that was sired by the bull, Saturn, that was bred by me, Saturn's sire being my Imp. Bampton Admiral. Saturn is a full brother to the young bull, Sultan, which I am now offering for sale." See advertisement on page 37.

Messrs. W. J. East & Son, of Clay Center, Neb., are forging forward every day and today they hold a place among the Duroc breeders that many have struggled for years to get. The senior member of the firm has been a good buyer and has used his good judgment in selecting the sows that he thought best adapted for his different crosses. Messrs. East recently purchased the highest-priced Duroc sows ever sold in Kansas and is now raising a very choice litter of pigs by Improver 2d. This herd is headed by Bezdek, Frank's Choice and a son of Billi K. Messrs. East have a herd of sows that are choice in all respects. These gentlemen are offering some of these spring pigs at prices that should move them at once. Look up their advertisement on page 39 and write them for prices. They were at the Nebraska State Fair.

Are you looking for a Poland China herd boar? On page 30 Mr. A. M. Stine, of Adel, Iowa, is offering them. The herd boar in use by this breeder is known as Major Westbrook 37023 by Logan Chief 60085 by Chief Tecumseh 3d 38233. In ordinary flesh he weighs 760 pounds. Mr. Stine now offers three fall yearling boars and about a dozen of March and April farrow, sired by the above boar. The dams of these boars are of well-known strains and are well bred. While Mr. Stine has never placed his name before the public before, he has been in the pedigree hog business for some years and has sold to numerous breeders, every one being pleased. The three fall yearlings are extra good, coming out of a very fine sow, Miss Mollie 2134 by Wide Back 72047, a Happy Medium strain. Better write for prices on these boars. Mention The Homestead when writing.

Mr. F. A. Murray, breeder of Polled Durham cattle, of Mazon, Ill., writes as follows regarding his stock: "We have had much needed rains the past month which has livened up the pasture and brought the corn on for a bumper crop. The Polled Durhams are enjoying themselves on plenty of blue grass and clover. Orange Knight 4398 (242700), a dark red two-year-old, heads the herd. He is a grandson on dam's side to Mr. Barber's Marshall Abbottsbum 2d, to Imp. Orange Blossom 19th by Royal Duke of Gloster and his sire, Brookshire Knight, and grandsire, Idle Knight, were good enough to bring me \$1,500 at private sale. Orange Knight is a low-down, mellow chap, weighing 1,500 pounds at twenty-six months. During August, a dull month, we sold two bulls and four cows and heifers to the following parties: Mr. Nourse, Seytonville, Wis.; D. Worthington, Rochelle, Ill.; B. Barrett, Gardner, Ill., and R. D. Menaugh, Mazon, Ill. I have some young bulls and bred females for sale and would be pleased to quote prices." See Mr. Murray's advertisement on page 35.

Mr. Fred Ebendorf, of Strawberry Point, Iowa, starts his advertisement offering Poland China hogs for sale on page 30 of this issue. Writing in regard to his offer he says: "My offering now is choice fall yearlings weighing 300 to 400 pounds. They are long, deep, heavy boned and are of Perfection and Tecumseh breeding. They are very black, with the best of coats. I price them at \$25 to \$40. I also have for sale a yearling boar, Correct I Know Jr. 111629. He is by Correct I Know by Corrector, dam by Keep On, and is long and deep with fancy head and ear, well-sprung rib, with the best of color and coat. He is a great breeder of large, fancy pigs and weighs, in breeding form, 450 pounds. He will be sold at a bargain for anyone in need of such a hog. I also have choice spring pigs by Hustle On 105337 by the great On and On, and his get are showing up extra, having size, quality and bone that all are looking for. Then I have a choice litter by C. I Know Jr. and others by L's Tecumseh 70627 that are extra in range and are fancy, as well. There are some also by Justice that are of good breeding, and some of Corrector. All the above breeds are hard to fault. They have all been handled to do the buyers good. In Short-horns I have some good bulls just ready for hard service and also heifers for sale. They are Scotch and Scotch-topped. In poultry we have the best we have had for years. Last spring we had Rose Comb Brown Leghorns and have a fine lot of cockerels for sale to make room. They will be sold low, as we wish to move them at once. We also have some Silver Laced Wyandotte cockerels that are extra well marked. They are large, heavy-boned birds and will go at bargain

If the dealers would only be fair to you and me, you would have less lamp troubles and I would make more chimneys.

If a MACBETH lamp-chimney was sold every time one is asked for, I would make all the lamp-chimneys instead of half of them.

The Index explains how to get a MACBETH chimney to fit every lamp, and how to care for lamps. Sent free to everyone asking for it.

Address, MACBETH, Pittsburgh.



When writing to advertisers please mention this paper.

prices. I will meet parties at Strawberry Point or Volga if notified in time. I also have a choice pig for sale by Preceptor, he the Ohio winner under a year. This pig is remarkable for bone and is very good in all points."

On page 30 of this issue will be seen the advertisement of Mr. A. M. Stine, of Adel, Iowa. An excellent, well-bred Hereford bull, known as Royal Lad 145066, used with success the past year or two, is now offered for sale. Royal Lad is a massive, low-down, heavy-boned bull, of a deep red color and nicely marked. Mr. Stine is willing to let him go, as he can no longer use him on his herd, being related to many of the females. This bull is only four years old and an imported individual. He is a sure breeder. Two younger bulls sired by him, known as Major Jack and Nicholas L., are ready for service and are offered to those desiring new blood. The dams of both of these young bulls are bred in the blue. Major Jack's dam is Cort 6th 83517, taken from the W. W. Wheeler herd, at Harlan, Iowa, while the dam of Nicholas L. is Persis 85740 by Manager 69252, a Lord Wilton strain. The young bulls are strong in Anxiety blood and ought to head some good herds. See the advertisement and mention The Homestead when writing.

Mr. Geo. C. Mosher, owner of the Hillcrest Farm herd of Holstein-Friesian cattle, of Greenwood, Mo., whose advertisement appears on page 15 of this issue, writes: "The sales of high-class Duroc Jersey pigs at weaning, which we have made a specialty at Hillcrest farm the past season, have been advertised exclusively through this paper. The results have been customers well satisfied in every instance, and stock has been shipped from Minnesota and the Dakotas to Oklahoma. Every animal up to our standard has been sold except one yearling boar, a dandy, that our manager says is the best he has seen in a long time. He will be sold for \$30. Three boar pigs from the spring farrow remain unsold. They will make money for their purchasers. All pigs are accompanied by certificates of pedigrees ready for recording. We are now booking orders for the fall pigs, and they will be shipped in the order of the sale on our list. These pigs are descendants of Oom Paul, Crimson Wonder, and the most-noted lines of breeding. No wonder our customers write they had no idea they would get such fine specimens. We ship none but good ones. Sixteen selected sows are being used. Write today and engage a trio."

Mr. F. M. Huff, of Afton, Iowa, proprietor of the Grand View herd of Duroc Jerseys, is making prices on boars by Crimson Wonder Jr. 41103 and Chief I Am Now 43955. Mr. Huff was recently visited by a representative of The Homestead and the herd was carefully inspected. It was found to be in a healthy and growing condition. In Mr. Huff's herd of Durocs are some noted sows, such as Mona II., a granddaughter of Bruno, sweepstakes hog at the Iowa State Fair in 1897. Mr. Huff also has Burnhilda 2d 104134. She is a granddaughter of the sweepstakes sow at the interstate fair at Sioux City for three years. Burnhilda is a full cousin to Perfection Chief 28367. Mention is also made here of a sow in the herd known as Oto Belle, a granddaughter of American Royal 15453, a sire of prize winners. Mr. Huff uses the best to be had, as is seen above. He has used King Perfection in his herd, also. This hog was sired by Iowa King M. 14279, a first-prize winner at the Iowa State Fair in 1902. It can be seen from the above notes that prize-winning ancestors, both on the sire and dam's side, are the rule with the Grand View herd. At present the herd is headed by a son of Perfection Chief 28367 and he is using good individuals. Better write for this breeder's prices. They are placed at figures that will sell them. On page 38 will be seen

PILES

FISTULA--NO MONEY TILL CURED

Mr. S. J. Glen, Stockman and Ranch Owner, Wellington, Tex., writes, under date of Aug. 25, 1906: "I wish to say that after being tortured with protruding piles for 25 years and being treated by many local physicians, using all the advertised remedies without relief, but growing worse until two fistulas developed, I at last put myself under your care and was cured in five weeks."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.
Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....
Town..... State.....

the advertisement. Kindly mention The Homestead when writing.

G. VAN PATTEN WINS AT NEBRASKA STATE FAIR.

Mr. G. Van Patten, of Sutton, Neb., was again in the winning at the state fair. His Durocs always carry off part of the ribbons. Look up his advertisement in this paper. Watch for his sale announcement later.

ONE MONTH FREE.

Dr. Williams is so confident that he has a positive cure for catarrh of the head, nose, throat, ears, stomach, liver and bowels that he offers a full month's treatment to the afflicted free of charge so that all may know of his wonderful treatment. It costs you nothing to consult the doctor, and he will send you his treatise on catarrh and its allied diseases and his symptom blanks free of charge to all who write him. On page 14 will be found some testimonials from his cured patients.

CURES DONE SPAVIN OF SEVEN YEARS' STANDING.

Mr. Julius Grodert, of Wilton Junction, Iowa, writing to the Dr. B. J. Kendall Company, of Enosburg Falls, Vermont, in regard to Kendall's Spavin Cure, says: "I have used your spavin cure and find it a great remedy. I have used it on a horse that had a bone spavin for seven years and after using two bottles find it as sound as a dollar—a complete cure. You can use this testimony if you so desire." See advertisement on page 17.

CEMENT POSTS.

Readers of this paper should take advantage of the liberal offer made by the Rock Cement Post Company, of North Manchester, Ind., on page 13 of this issue. They have supplied hundreds of farmers throughout the middle West with instructions how to construct cement posts that stand all weather conditions and last a life time. This post can be manufactured at two-thirds the cost of cedar posts and one-half the cost of iron posts. Look up the advertisement and write at once for further particulars, kindly mentioning this paper.

ELMENDORF'S DUROC JERSEYS.

On page 30 of this week's Homestead will be found the advertisement of Mr. M. M. Elmendorf, of Lacona, Iowa, one of Iowa's well-known Duroc Jersey breeders. He is offering thirty choice boars for sale sired by Duke of Ohio 3529, Geo. Hur 40851, Alfonso 40849, Ulster Chief 11425, and he also has pigs by a son of Crimston Wonder I Am. He is making special prices on these pigs for the next thirty days and anybody that wants a boar pig will find it to his interest financially to write the above breeder as soon as possible.

BLACK DIAMOND SAMPLE FREE.

There are many roofings on the market, but there is only one which undertakes to stand squarely on a platform of results achieved. That one is Black Diamond Ready Roofing. Although its price is low, there are many instances all over the country where roofs of this material have shown truly remarkable durability. Some roofs laid away back in the eighties are still in use and have given satisfaction all the time. The free booklet which the manufacturers give away contains many such instances. A sample will be sent free on request to the nearest office of the Barrett Manufacturing Company, Black Diamond Dept., New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans and Cincinnati.

A. F. RUSSELL'S SALE OF DUROC JERSEYS.

On next Thursday, September 20th, at his farm near Savannah, Mo., Mr. A. F. Russell will make his annual sale of Duroc Jersey hogs and sows. Thirty-one boars and forty-four sows are cataloged. These are boars and sows that Mr. Russell is glad to show, and a representative lot from which breeders and farmers can make selections that will do them good. The herd boars that are represented as sires of the offering are among the most popular now known to the breed. Mr. Russell invites his friends, his old customers and any who may be interested in the Duroc Jersey to be with him sale day. Free entertainment at Richelieu Hotel and free conveyance to and from the farm. Col. Jud McGowan will do the selling.

SOUTH OMAHA SALE OF DOUBLE STANDARD POLLED DURHAM CATTLE.

On October 5th will occur at the South Omaha Stock Yards the very important sale of the popular Polled Durham cattle. This sale is under the direct management of that master hand in the business of conducting Polled Durham sales, Mr. L. G. Shaver, of Colona, Iowa. Mr. Shaver will be remembered as being of the firm of Shaver & Buckner, of Colona and Wellman, Iowa. There is probably no breeder of Polled Durham cattle in Iowa, at least, that has made more rapid strides in the business during the past few years than has Mr. Shaver, and it is very fitting that the breeders associated in this sale have selected him to manage this offering at South Omaha. These breeders are Mr. M. Rau, of Harlan, Iowa; John Renswick, of Boyden, Iowa; D. L. Pond, of Inman, Neb.; and Shaver & Buckner, of Colona, Iowa. The offering comprises fifty head of representative animals from these respective herds. There are a splendid lot of cows and heifers as well as a goodly number of young bulls, all Double Standard Polled Durham. A number of the cattle offered have some good Scotch blood in their pedigree and are all eligible to registration in either the American Short-horn herd book or the Polled Durham herd book.

In other words, these cattle are simply Polled Short-horns.

FARM AND RANCH BARGAINS.

On page 22 you will find advertisement of Mr. W. E. Francis, of Newton, Kansas, offering the best farm and ranch bargains of the year. Mr. Francis is well acquainted with these propositions, having lived in that section for twenty-five years. He informs the writer that these are exceptionally good ones. The Southern Pacific railroad runs within one-half mile of ranch, and is only ten miles from a divisional point. Will also support 10,000 head of cattle. The farms are extra good land, close to town and are as productive as any Iowa farm for one-third the cost. Write Mr. Francis for full particulars and kindly mention this paper.

WATT & FOUST WIN AT OHIO STATE FAIR.

Messrs. Watt & Foust, the well-known breeders of Duroc Jerseys, residing at Cedarville and Xenia, Ohio, were successful at the Ohio State Fair last week, winning every first but one in the strongest Duroc show ever held at Columbus. Not only were there more herds, but more Durocs than any other breed on the ground. In our next issue we will give detailed report of the Duroc show. If in need of an extra good herd boar write Messrs. Watt & Foust at once and watch these columns for full information concerning this noted herd.

A BEAUTIFUL OKLAHOMA HOME.

The Home Land Company, of Newton, Kan., are offering in this issue on page 21 320 acres of good, productive land, every foot of which can be plowed. This farm, the Home Land Company inform us, is a very desirable investment for someone wanting a first-class home. It is the custom of Mr. Randolph Moos, manager for the Home Land Company, to personally inspect each and every proposition placed in his charge and he guarantees it to be as described. If you are an investor or homeseeker you will do well to correspond with this firm. Mr. Moos also informs us that all correspondence will receive his personal attention. Write them today, mentioning The Homestead.

AN IMPORTANT SALE.

American Short-horn sales have proven very successful for several years and have afforded stockmen an excellent opportunity to get choice cattle to improve their herds. In this respect the sale to be held October 10th will be a repetition of former sales. The offering includes fifty-five head of choice Short-horns taken from some of the best herds in the country and are the produce of excellent bulls. The cows and heifers offered in this sale will afford bidders an opportunity to make valuable additions to their herds, while among the bulls are some of great excellence in form and of faultless breeding. The sale will begin at 1 p. m., October 10, 1906. For catalog, write Mr. B. O. Cowan, assistant secretary, 17 Exchange avenue, Chicago, Ill.

VALUE OF FURS.

The furs of nearly all wild animals are more or less valuable. They are worth more when taken in mid-winter to early spring than at any other time. An interesting and suggestive illustration, the creation of Mr. W. J. Burnett, appears on page 8 of this issue of The Homestead under the title of "Fur-Bearing Animals Going to See the Northwestern Hide & Fur Co., Minneapolis, Minn." This illustration is made from a large and very fine painting. As a souvenir, a reduced copy of the big picture in colors, together with a forty-page illustrated trap book and color picture showing forty-six wild fur-bearing animals, gun and trap catalog, with price list of raw furs and hides, is given away free at the company's office, or it will be mailed to anyone interested in furs if, with their request, they enclose four cents in stamps for postage.

BARGAINS IN RANGES AND STOVES.

On page 3 of this issue will be found the advertisement of Sears, Roebuck & Co., of Chicago. At the present time this company are making specially low rates on ranges and stoves. They are offering six-hole steel ranges as low as \$12.75, while their Acme Triumph six-hole range sells at \$22.58. These prices are considerably reduced from what they formerly were, and we know that our readers will appreciate that these are real bargains. This company are selling sheet iron heating stoves as low as sixty-nine cents, while they are also putting on the market at \$1.89 a new Roccoco pattern oak heating stove for coal or wood. Sears, Roebuck & Co. have a large stove factory at Newark, Ohio, and their low prices are due to the fact that they sell directly to the user, saving the buyer the profits of two or three middlemen. The stove catalog will be sent free of charge to those who make application for same. Address Sears, Roebuck & Co., Chicago.

NO ENTRIES AFTER LAST MONDAY.

Entries in the breeding classes of the American Royal Live Stock Show, to be held at Kansas City October 6th to 13th, closed Monday, September 10th. This includes breeding cattle, horses and swine. Entries of car lots of cattle will be received up to October 5th, and it behooves those who expect to exhibit at the American Royal this year in car lots and who have not made their entries, to do so at once. The reason for closing the entries so far in advance of the opening of the show is to enable the management to get the entries in the official catalog. It is very unsatisfactory to both exhibitors and visitors to have exhibits omitted from the catalog, which is necessary when they are received only a few days preceding the show. Entries should be made with the following: Herefords, C. R. Thomas, 221 W. Twelfth St., Kansas City, Mo.; Short-horns, John W. Groves, 17 Exchange Ave., Chicago; Aber-

deen Angus, Thos. McFarlane, 17 Exchange Ave., Chicago; Galloway, Chas. Gray, 17 Exchange Ave., Chicago; horses and mules, H. A. Heath, Topeka, Kan.; Berkshire swine, Frank S. Springer, Springfield, Ill.; Poland Chinas, Arch. T. Grimes, Greenwood, Mo.; Duroc Jerseys, Thos. L. Williams, Dawn, Mo.; O. I. C. Swine, L. L. Frost, Mirabile, Mo. The opening day of the show, Saturday, October 6th, will be devoted to the students' judging contest. The awarding of prizes will be begun Monday afternoon, October 8th, and exhibits must be in place by noon of that day. See advertisement on page 34.

BUY SHOES THAT CANNOT RIP.

We wonder if our readers know just what a "Buffalo Calf" shoe is. By referring to the advertisement of Messrs. Bentley & Olmstead, of Des Moines, Iowa, which appears on page 12, a full description of this well-known shoe can be had. This firm are a characteristic western concern in every respect, making shoes for western people, and this Buffalo Calf shoe is made to stand the hardest kind of usage. So many shoes offered for sale rip so easily that they are unfit for use. Not so with the Buffalo Calf. It is impossible to rip or tear them. They are fit for all kinds of weather and the leather will always be found soft and pliable to the foot. These shoes are made in all sizes to fit any foot and if you cannot find them at your dealers, just drop a line to Bentley & Olmstead, Des Moines, Iowa, and they will tell you how to get a pair of these famous shoes.

A NEW IDEA IN MANURE SPREADERS.

The William Galloway Company, of Waterloo, Iowa, are advertising what they call a wagon-hox manure spreader, an illustration of which is shown in their advertisement on page 7. This spreader is designed to fit the running gear of any ordinary farm truck or wagon. It is being offered at the low price of \$39.50, and is guaranteed to stand the strain of spreading any kind of manure and to do the work in a perfectly satisfactory manner. The Galloway Company have already procured, without solicitation, a large number of testimonials from those who have used their wagon-hox spreader, and a bond of \$25,000 is put up as a guaranty that the spreader will do exactly what is claimed for it. The company offer to allow the purchaser to use this spreader thirty days and if it does not prove satisfactory in every way money will be refunded and freight paid both ways by the company. A spreader booklet may be obtained upon application to the William Galloway Company, 109 Jefferson street, Waterloo, Iowa.

GLENWOOD CRITIC 33579.

Misfortune oftentimes strikes a man just at the zenith of his fame, and death often removes an animal just when victory is in sight. It may seem presumptuous to say that Glenwood Critic 33579 would have been in the front rank of the yearlings at the state fairs this fall, and yet we will stake our judgment on that prediction after seeing the great array of hoars in that class that were out this fall. He was owned by E. Z. Russell at the time of his death and was fitted for the show by him. However, he formerly headed the herd of Mr. A. W. Lamb, of Monroe, Neb., who starts an advertisement in this week's issue of The Homestead and who now has twenty-five boar pigs and some choice gilts sired by him. One of the best litters of two boars and four sows by him is out of Leda L., a granddaughter of old Pilot, and another litter of five boars and three sows is out of Miss Ollie by Drummer Boy 2579. Another good litter is out of a sow called Mable B. and there are four hoars and four sows in this litter. Mr. Lamb says that there are several hoars among these that are as good as their sire at the same age, and as this stuff breeds on and has a good outcome in it, we can recommend it to Duroc Jersey breeders who are wanting something of this kind. If you want a prospect for next season write Mr. Lamb. This is the blood that won first and sweepstakes at Des Moines, and was also leading winners at Nebraska. Write him at once.

THE PFANDER POLAND CHINA SALE.

One of the sales that is attracting more than ordinary attention this fall is that of Messrs. J. W. Pfander & Son, which takes place at their farm near Gravity, Iowa, on September 28th. The entire offering may be truthfully said to be practically a Giantess offering, as three-fourths of the stuff that go into the sale are of that blood, close up. The best thing in the sale is Model Giantess, a two-year-old daughter of old Youngs, and she will have a litter of eight pigs at side. Her spring litter of eight goes into the sale and is one of the great litters of the year. It makes no difference where you go. He also has a fall litter of seven in the sale, and breeders will be prone to admit that she is one of the great brood sows of the present day. This sow is put into the sale simply as an attraction and not because they want to sell her, and we miss our guess if the best breeders do not go after her. We unhesitatingly say to breeders of Poland Chinas, especially those who are paying a little attention to home and size, that here is a sow that is a gold mine if properly handled. There will be fifty head in the sale, the choice of both the fall and spring crop of about 200 head. There will be eight good fall boars in the sale, and three of these will be out of Model Giantess. The other five will be out of Crescent Giantess, another daughter of Mr. Fred Rood's famous old brood sow. There are two February gilts on the farm out of this same sow, and one of these will go into the sale. One of these is to be counted among the best we have seen this year. The spring litter of Model Giantess—four boars and four sows—goes into the sale, and they are all

that could be desired. There will also be four fall sows in the sale out of Model—two of these will be open and the other two will be bred to Tibbickset and Woodbine Chief, the latter hog being a son of Chief Tecumseh 3d. There will be other splendid fall sows in this sale, besides a grand lot of spring gilts. The Pfander offering will certainly appeal to the breeder and farmer who is looking for size and quality and a good big bone. We have seen this sale offering and we do not hesitate to recommend it to those who are looking for Poland Chinas of this type. Write Messrs. Pfander & Son, Gravity, Iowa, at once for catalog and kindly mention The Homestead. See page 32.

A. W. H. ORR'S FALL DUROC SALE, THURSDAY, SEPTEMBER 20TH.

Duroc breeders should keep in mind the fall sale of fancy-bred Durocs to be held by Mr. A. W. H. Orr, of Lorimer, Iowa, on Thursday, September 20th. Mr. Orr will sell about thirty head in all, consisting of fall yearling boars that are very large and come from good strains. A choice number of spring hogs are also to sell, besides a few yearling sows that will have litters at their side on sale day. The herd boar, Pilot Onward 23421, used by Mr. Orr, is the sire of a great portion of the boars that are to go, as well as a sire of some of the young sows included in this sale. It is stated here that Pilot Onward was the sire of the heaviest litter of pigs under six months class at the Iowa State Fair in 1905. He also is the sire of a number of gilts taking prizes at various county fairs in the state, and was also sire of the grand champion sow any age or breed at the Lorimer street fair last fall, and competition was keen. Breeders will find his sons in this sale a healthy, growthy lot. Two of the spring boars that Mr. Orr will put up are sired by Perfection Advance 41429 and out of a Princess Perfection sow. These are extra good and ought to find ready buyers. Among the sows offered are two yearling animals that will have litters by their side. The balance will consist of fall gilts that are large, rangy individuals for their age, with sufficient bone to carry them easily. Accommodations will be provided for all, and breeders are extended a cordial invitation. Catalogs are ready for those interested. Kindly look up the sale announcement on page 38 and reserve September 20th for the Orr sale.

THE KNODIG PITLESS SCALE.

Every farmer in the corn belt should have a scale of his own. If he is selling grain or live stock he can usually save the price of a good scale in one year. If you know what your loads weigh before starting from home there is little danger of your being cheated in town, because the town scale or feed-yard man soon learns who has scales. We know of one instance where on a sixty-bushel load of corn the town scale was off 800 pounds, and as corn was selling at fifty cents a bushel a few experiences of that kind would pay for a scale. At this time we desire to call special attention to the Knodig Pitless Scale, the advertisement of which is found on page 11 of this issue. This scale has all the advantages and none of the disadvantages of the old-fashioned kind. It is guaranteed to be absolutely accurate, because tested according to the United States standard of weights. It is manufactured by the National Pitless Scale Company, of Kansas City, Mo., and is sold directly to the user, thereby cutting out the middleman's profits. The manager of this company, Mr. Gumbel, has been singularly successful in placing a reliable, though reasonably-priced scale within the reach of farmers. His plan is to let any farmer, stockman, elevator man or grain dealer use the scale one month on trial and if it is not then satisfactory the company will pay the freight both ways. Without spending a single cent, therefore, you can obtain a trial of the Knodig Pitless Scale. Please insert your name and address on the corner of the advertisement referred to and send it to the National Pitless Scale Company, 2011 Wyandotte street, Kansas City, Mo.

RATES FOR AMERICAN ROYAL.

As the result of the efforts of H. W. Priekett, traffic manager of the Kansas City Stock Yards company, the territory from which reduced rates to the American Royal Live Stock Show will apply this year has been materially extended beyond that of last year. Last year the rates applied only to the territory within a radius of 200 miles of Kansas City. This made it necessary for many stockmen in Missouri, Iowa and Illinois to pay full fare to Kansas City. This year the rate applies to all points in these states from which the local one-way fare to Kansas City is \$3 or less, which includes practically all stations within 300 miles of Kansas City. This will take in a large part of Illinois and practically all of Iowa. The rate this year from Western Passenger association territory is as follows: One lowest regular first-class fare plus \$2 from all Trans-Missouri territory; also from points in Illinois, Missouri and Iowa, from which the local one-way fare to Kansas City is \$3 or less, except where open rate of one fare and one-third makes less. The open rate of one fare and one-third applies from all points where the fare and a third is less than one fare plus \$2. From points from which the local one-way fare to Kansas City is \$6 or less, tickets will be on sale October 5-13, and from other points October 5-9. The return limit will be October 15, but by depositing ticket with joint agent at Kansas City on or before October 15, and paying a fee of fifty cents, the return limit may be extended to October 31. From points in Southwest Missouri from which the local one-way fare to Kansas City is \$6 or less, and from southeastern Kansas, Oklahoma, Indian Territory, Arkansas and Texas, the rate will be one fare plus \$2, except where the open rate of one fare and one-third makes less, when that rate will ap-

ply. The dates of sale return limit and conditions of extension are the same as in Western Passenger association territory given in detail above.

ED. HOLMES CLOSING-OUT SALE.

On September 27th, at his farm near Bedford, Iowa, Mr. Ed. Holmes will close out his entire herd of Poland Chinas, including herd boars, brood sows and fall and spring boars and gilts. Mr. Holmes is moving to Canada, so everything goes. His well-known herd boar, Mo. Perfection, considered one of the best boars ever used in southern Iowa, will be sold, also Big Shamrock and Cleansweep, the latter being considered a good show prospect for next year. There will be daughters of R's Claud, Mo. Perfection, P. W. Perfection and Big Shamrock in the sale, and some of these have never been priced before. One of these sows is out of Anna Price, a full sister to old Glantess. One of his best sows is American Maid, a daughter of R's Claud and she has a litter of nine by Mo. Perfection. Black Beauty, another of his daughters, also has a litter by Mo. Perfection. Rosebud, a daughter of Black Prince, a half sister to Glantess 2d, goes, as does Darkness 3d, one of the largest sows in the offering. She is an extra good sow and a daughter of Crescent Tom. There will be a splendid lot of spring gilts in the sale sired by Mo. Perfection. He will sell Mo. Perfection, also Big Shamrock and Cleansweep. The latter is a fall boar and he is a prospect for next year, and some good breeder should get him. He is a son of Mo. Perfection and there will be another good fall boar in the same sale. The spring boars are all sired by Big Shamrock and Giant Killer, the latter being a son of P. W. Perfection and out of old Glantess. There will undoubtedly be some good bargains in the Holmes sale. Write for catalog and mention The Homestead.

PUBLIC SALE OF SHORT-HORNS.

We make the announcement for the first time that on Thursday, October 4th, Mr. J. B. Brown, of Solon, Iowa, will make a draft sale of Short-horn cattle at his farm of forty-two head, among which are a goodly number of Scotch cattle, the remainder all Scotch-topped. This offering will include his entire herd of show cattle that were exhibited at Des Moines. Mr. Brown has been in the business of breeding Short-horn cattle for more than twenty years. This sale is made purely and solely because the herd has grown to such proportions that it now becomes necessary to dispose of some of them. No doubtful animals are included and not only does Mr. Brown believe this to be true, but guarantees every animal to be a breeder. The offering includes, so far as the Scotch contingent is concerned, Lavenders, Claretts or Columbias, Gwendolines, Lovelies, Miss Ramsdens, Acanthuses, Raspberries, Orange Blossoms, etc. The American families are all of standard sorts with from three to six Scotch tops. Mr. Brown is in a series of sales and will hold his sale between the dates of Mr. E. Cosgriff, of Clarence, Cedar county, Iowa, and Mr. George H. Burge, of Mt. Vernon, the first selling on October 2d, Mr. Burge on October 5th. Several good Scotch bulls will be offered in addition to the choice array of females. The catalogs are now ready for distribution and are a neat production from the Bedford Catalog Printery, of Bedford, Iowa, which is an exclusive catalog printing establishment owned by Mr. F. P. Healy, a well-known Short-horn breeder who compiles and prints catalogs. Mr. Brown will be pleased to mail catalogs to all applicants.

THE ROOD-FESSEMEYER BIG POLAND CHINA SALE.

On September 29th, at Clarinda, Iowa, is where the Rood-Fessenmeyer "Big Poland Chinas" go through the public sale ring. These two breeders have won a reputation for breeding the big stuff and their annual sales always furnish an attraction to those who are looking for size, bone, quality and finish. Mr. Fred Rood sells thirty head, five matured sows, ten fall gilts, five spring gilts and ten boars. Two of these fall boars are sired by Longfellow H. and one of these is out of his famous old brood sow, Glantess. The other is a 17th of October boar and will weigh 400 pounds. To the man that wants show type we would call his attention to a fall boar sired by Proud Corrector, out of Nellie Perfection, the well-known show sow. Three of his spring boars are sired by Big Tecumseh, and are out of old Glantess, and they will make big, heavy boars. Among the brood sows is a two-year-old daughter of P. W. Perfection and out of old Glantess. This sow is called Glantess Best and she is all that her name implies. She raised him a litter of nine pigs and she is so good that Mr. Rood thinks the other fellow ought to own her. Another good sow that he sells is Mayflower 3d, and her sister sold in his last sale for an even \$100. He also lets go a couple of good ones by Pawnee Lad and two by Guy's Best 2d. He puts in a lot of very choice fall sows, mostly the get of Longfellow H., a Peter Mouw-bred boar. To those who want size we would call their attention to any of these. His spring gilts are bred along the same lines, and he certainly has size enough on these, and you would be surprised with the quality. Mr. Rood says he will not put a boar in the sale that will not be fit to head a herd. Mr. H. Fessenmeyer will sell twelve boars in this same sale. Ten of these will be spring boars, all sired by P. W. Perfection. In fact it will be practically a P. W. Perfection offering. Two of his best fall boars will be sired by the above boar and will be out of Glantess II., one of the best sows in southern Iowa. One of the largest spring boars that he sells is out of Nelson Superior, a direct descendant of old Nelson, the sire of Glantess. He will easily weigh 250 pounds by sale day. A good fall boar by P. W. Perfection that goes into the sale contributed by Mr. Fessenmeyer will weigh close to 450 pounds by sale time. Among his females are a litter of four fall sows sired by P. W. Perfection and out of Glantess II. that are hard to beat, when size and quality are wanted. These are bred along the same lines as the White sow that sold in the Council Bluffs sale for \$165. He sells two good fall sows by P. W. Perfection and out of Molly M., the sow that topped the Peter Mouw sale. He puts in a yearling daughter of Longfellow Jr. that for size will please anybody. She will be bred to P. W. Perfection. Both the Rood and the Fessenmeyer offerings are bred in the blood of the largest and

biggest-boned Poland Chinas, and they have added abundance of quality to their breeding operations. Write Mr. Fred Rood, Clearfield, Iowa, or Mr. H. Fessenmeyer, Clarinda, Iowa, for catalog, and mention The Homestead. See page 32.

TURBETT'S POLAND CHINA SALE.

A very good, useful lot of Poland Chinas of the large, growthy sort is offered for sale at public auction by Mr. Jas. B. Turbett, of Illana City, Ill., on Thursday, September 27th, at his farm two miles south of Eden, Ill. Mr. Turbett has been breeding the large, growthy sorts and has selected for this, his first annual sale, seven aged sows, five with litters; two aged boars, including the herd boar, Woodview Keep On 99883, a grandson of the noted breeding and prize-winning boar, Keep On 61015; about fifteen spring boars, mostly the get of Woodview Keep On, and about twenty head of spring gilts. This stock has not been pampered in any way, but is in first-class condition for the breeder and farmer who are looking for good, useful stock. In addition to the Poland China consignment Mr. Turbett is selling some excellent yearling and weanling colts or both Percheron and standard-bred families. Catalogs giving full information regarding all the stock will be sent to Homestead readers as per the advertisement on page 31. Plan to attend the sale if you need of something good of either breed of stock. If it is impossible to attend this sale bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Turbett, will be properly handled.

COSGRIFF'S SHORT-HORN SALE.

This is our initial mention of the very good lot of Short-horn cattle that will be sold on October 2d by Mr. Ed Cosgriff, of Clarence, Cedar county, Iowa. On the above date Mr. Cosgriff will sell forty head of Short-horns from his well-established herd, all of which are good individuals and will be sold in good flesh and with a liberal guarantee thrown around them. No man who buys cattle of Mr. Cosgriff is buying a "pig in a poke." He is considered one of the most conscientious and reliable breeders in the state of Iowa. He is a man whose life has been such that all his neighbors have implicit confidence in him. It is certainly worth something in huying the foundation for a herd of Short-horn cattle to secure them of a man whose character is above reproach and whose good name stands unsullied for nearly fifty years in the community in which he has lived. We will not attempt to individualize at this time on anything in this offering, but will state, however, that we have inspected the cattle to be sold and that no more useful lot of thick, thrifty Short-horns can be found in this part of Iowa. Mr. Cosgriff has never endeavored to maintain an extremely large herd, contenting himself with a smaller herd better cared for that would bring honor and renown to him as a breeder and care taker, rather than the praise that he might secure by having a large herd. It seldom happens that any young breeder is so fortunate as to secure such good Scotch herd bulls as has been the lot of Mr. Cosgriff. In our succeeding issues we will have something to say of these grand, good huls and of their breeding. At this writing we would earnestly request all Homestead readers that may be interested to write Mr. Cosgriff at once, mentioning The Homestead and ask for his sale catalog, which is now ready for distribution.

THE BIG FOUR DUROC CIRCUIT.

Lovers of the Duroc hog will have ample opportunity to secure some choice animals at the four days' circuit of sales to be held in southeastern Nebraska. The four firms selling Durocs tell us that they have selected the tops of their herds and that the offerings will not only be strong in individuality, but as much so in breeding. The first sale will be held at South Auburn, Neb., on September 25th. Mr. Ford Skeen, of that place, will offer his entire herd, numbering about forty head. This gentleman has some choice fall sows sired by Kan't Be Beat's Son by Kan't Be Beat, Ben B., Cole's Duroc and Improver 2d. Another strong attraction for this sale will be the show boar, Liberty Challenger. This animal was first in class last year at the Nebraska State Fair. He should be a bargain for someone in need of a good herd header. Then come the eight brood sows safe in pig for fall farrow. These should be ready sellers, as the tried sows are always more desirable for use in any herd. The fall yearlings should not be forgotten. Ten spring pigs sired by McClellan and Liberty Challenger will be offered. Bear in mind that this is a dispersion sale and the entire lot goes. Write for his catalog. On September 26th Messrs. Peek & Putnam & Lamb Bros. will offer forty head of tops from their herds. This sale will be held at Tecumseh, Neb. This offering will be made strong by the fall yearling boar, High Notcher by Uni. Russell, and one sired by Caesar by Top Notcher. Some of the spring boars are sired by Hanley and he tracing to The Lad For Me on his dam's side. Messrs. Lamb Bros. offer some choice boars sired by Beatrice Boy and Moren Durocs. They also offer a few sows as well bred as the boars. Each firm in the Tecumseh sale has made his offering small, but has decided to make up in quality and individuality where they are short in numbers. They believe in leaving a good impression and can then expect good sales to follow. For further particulars write Messrs. Peek & Putnam or Lamb Bros., at Tecumseh, Neb. On September 27th, at Cook, Neb., Mr. John Schowalter will offer forty-six head of richly-bred Durocs. The offering will be as follows: Seventeen spring boars, twenty-two spring gilts, one yearling boar and six yearling sows. Mr. Schowalter has been breeding Durocs for some time and today has his herd well up in the good blood of this breed. He will offer only the tops and these will represent the blood of such families as Oom Paul, Tip Top Notcher, West's Choice, Crimson Wonder and Improver 2d. His herd has been given good care and the sale stuff will go into the ring in good breeding condition. You will find an offering with good colors and plenty of quality. Write for his sale catalog and post yourself on his offering. Try and attend his sale. On September 28th, at Cook, Neb., Mr. Geo. Dorsch will make his first sale of Durocs. This gentleman has started right and his class of Durocs will please anyone interested in good colors and good feet, strong hacks, etc. His offering

will number forty head in all, of which twenty-three are boars and the balance sows. He is trying to make his first sale one to be remembered by all and consequently the tops of the herd are offered. Mr. Dorsch's offering represents the blood of Tip Top Notcher, Iced Duke, G. W.'s Favorite by Sec's Kan't Be Beat, and Red Chief I Am. If you cannot attend the sale send a bid to the auctioneer. Look up the display advertisement on page 31. Try to attend this sale, as you will find as strong an offering as will be shown in this circuit. Don't forget to get his catalog.

GOOD RESULTS FROM DIPPING HOGS.

The following testimonial to the Iowa Stock Food Company, of Jefferson, Iowa, speaks for itself: "Oskaloosa, Iowa. Gentlemen:—On June 7th I made arrangements with your agent, Mr. Pringle, to dip my hogs, and 100 head of sheep and lambs. My hogs were bothered with mange and not doing well. Several of them were off feed. My April pigs were not as bad as my fall sows, and seemed to be doing as well as the average spring pigs. They had been well fed and slopped twice daily. Mr. Pringle told me he thought the hogs were troubled with worms, as well as mange. While we were yarding and sorting them for dipping, we accidentally killed one of the average pigs. On investigation we found in this pig seventeen worms from one and one-half to nine inches in length. I then fed the Iowa Worm Powder to my bunch of sows and followed it as directed with Iowa Stock Food. Inside of thirty-six hours worms passed from them by the hundreds. This was witnessed by a number of parties. I am more than satisfied with my investment and can heartily recommend Iowa Worm Powder as a worm destroyer and Iowa Stock Food as a conditioner for hogs, to my fellow hog raisers and hope more of them will find the value of these products. I purchased of your agent, Mr. Pringle, one of your dipping tanks, five gallons of your dip, fifteen pounds Iowa Worm Powder and 500 pounds Iowa Stock Food, and I consider this the best investment I have made this year for my herd of hogs. Yours truly, A. Chandler." Mr. Chandler sold seventy head of these spring pigs Nov. 18, 1905. The average weight per head at Oskaloosa was 210 pounds.

LAST CALL FOR M. L. LOGAN'S SHORT-HORN SALE.

The last call for Mr. M. L. Logan's sale of Short-horns, to be held at his farm, near Lineville, Iowa, on Tuesday, September 18th, will be found on page 33. As stated in previous issues, Mr. Logan is making a most representative offering in both bulls and females and it is not probable that another such an opportunity to buy as many good cattle in a single sale will be found again soon. Mention has been made of the Scotch end of the offering and we now wish to direct attention to the Scotch-topped part of the sale. About twenty-five head are the reliable, Scotch-topped sort, the kind that breed on and produce the typical Short-horn that is thick from end to end and carries an even coating of mellow flesh. A majority of these spring from the imported cow, White Rose, a cow whose descendants have always been held in high esteem by breeders. A goodly number are descendants of the cow, Imp. Miss Severs, and all are topped with good Scotch sires and either have calves at foot by or are well along in calf to the pure Scotch bulls, Victor Knight or Chief Cruickshank, a bull whose dams for eleven generations were bred by that veteran breeder, Mr. Amos Cruickshank. The bull, Victor Knight, goes in the sale and should be looked after by someone wanting a proven bull and one that sires high-class stuff. About twenty-five of his get are included and they show him to be a sire of much merit. In conclusion, we wish to urge all our readers who may be in the market for good Short-horns to attend Mr. Logan's sale. We do not think the offering will disappoint you. Cols. Geo. P. Bellows and Harry Graham will do the selling.

GRANT CHAPIN'S DUROCS AS BIG AS ELEPHANTS.

The writer had the pleasure of looking over the well-known herd of Durocs owned by the above named gentleman located at Green, Kan. This herd has been making some of the older ones take a back seat owing to the fact that the owner has purchased some of the best sires and brood sows found in this breed. We found the spring pigs as large as elephants and they have the bone, feet and backs that so many are trying to get into the Durocs. Mr. Chapin tells us that his sows farrowed large litters and that they were very lucky in number raised. The herd of sows are as choice as you will find in any one herd of this breed. Mr. Chapin has separated himself from a goodly sum of money in order to get the class of sows that he is now using. We will say that this herd will be heard from from now on. The 100 head of spring pigs will afford many opportunities for the seekers of herd headers. As to breeding we will say that his herd comes as near representing the cream of this breed as any herd we have ever visited. The crop of spring pigs are the largest and evenest lot we have seen of any breed this year. The good care and good crosses make his herd what it should be. In looking over the herd boars we find Model Chief Again by Model Chief by Ohio Chief and out of Dew Drop Maid. This boar is a very good hog and his pigs have just started to arrive. His dam has eighteen herd headers doing service over the country and in the best herds as well. Red Raven by Joe Folk by Belle's Chief and out of Bishop's Choice is a very strong yearling and his get are showing up very well at this writing. Ohio Major by Kant Be Beat and out of Top Notcher sow is also doing service. His pigs are very strong. He shows signs of making a very large hog. You will notice that his blood lines represent two great herds, each selling for the high mark of this breed. As we go along we will ask you to make an estimate as to the cost of the sires and grand-sires of the sows and boars. You will agree that they run to large sums of money. The sows used in the herd represent the blood of such animals as Hunt's Model, Kant Be Beat Corrector, Improver 2d, Eclipse, Surprise and Cole's Duroc. Mr. Chapin made his purchases from such well known breeders as Messrs. Watt & Foust, Ira Jackson, J. D. Nidlinger, Chas. Speaks, J. O. Hunt, C. E. Pratt, Chester Thomas and others as well

known. Mr. Chapin will hold a fall sale on October 2d and his brood sow sale will be January 29th. Mention this paper when writing and oblige both advertiser and publisher.

WRIGHT'S STOCK FEEDERS WERE POPULAR AT THE IOWA STATE FAIR.

Mr. C. A. Wright, of Rosendale, Mo., "the Stock Feeder man," had a neat exhibit of the Wright feeders at the Iowa State Fair. From Monday until Saturday Mr. Wright and his corps of assistants were busy as bees explaining the merits of the "Wright" hog, calf and chicken feeders. Not less than five thousand people visited Mr. Wright's tent and 99 per cent of these pronounced "The Wright Feeders" the best and most satisfactory feeders on the market. Sales were exceedingly good, old customers brought their friends and induced them to buy. Many came who had read of "The Wright Feeders," these were so well convinced that "The Wright Feeder" is all that is claimed for it, that they bought. Mr. Wright has done a great work for the farmer, as when using his feeders the pigs, calves and chickens cannot crowd, muss or dirty their feed, thus avoiding waste and insuring the owner that each animal gets its share of the feed. Mr. Wright has been making the low price of \$10.00 on a feeder and a farm right and he pay the freight, but owing to the advance in cost of material Mr. Wright must discontinue the paying of freight and on and after October 15, 1906, all prices will be F. O. B. cars save the freight. In addition to the great showing of stock feeders Mr. Wright made a strong showing of Duroc Jerseys, winning seventh on boar pig under six months and several herd prizes all being hogs bred by himself. These and the tops of the 1906 crop and a few fall yearlings will sell in Mr. Wright's sale on October 18th at Rosendale, Mo. Those who attend Mr. Wright's sale will find one of the most even bunches of pigs he has seen this year. The stock feeder has been used and as a result no runts are found at Wright's. Watch for future announcements of Mr. Wright's sale; he has the goods and will be prepared to deliver them on sale days. See advertisement on page 14.

RANKIN'S DUROC JERSEY SALE.

On Friday, September 28th, Mr. W. A. Rankin sells fifty head of Duroc Jerseys at Carson, Iowa. He is one of the breeders that has crept to the front by degrees, mainly, because he bought the best foundation stuff that money could buy. His offering this fall surpasses anything that has heretofore come from his herd, both from the standpoint of individual merit and breeding. To top off this sale he is putting in a pair of boars sired by the great Ohio Chief and out of Wonder's Queen, one of the best daughters of Crimson Wonder. Here is something with an outcome, and we predict that it will be some enterprising breeder that will get the snap. The most of the offering will be sired by Miss Bob's Wonder and Jim's Gold Dust. There is a good litter in the sale sired by a son of Proud Advance. There is also a good litter in the sale sired by Glendale Critic, the noted prize-winning boar at the Iowa and Nebraska State Fairs. A son of Glendale Critic won second and another won third at Nebraska, and he also won fourth at Des Moines. So you see, here is the blood that breeds on. Miss Russell, by Gold Dust Jim, is a fine two-year-old sow with eight toppy pigs by Miss Bob's Wonder. Some of the oldest and largest pigs are out of Miss Timmons by Ohio Cedar, he by Kan't Be Beat. Miss Brown is a two-year-old daughter of Orion, and a "topper" at that, and she has a good litter by Miss Bob's Wonder. One of the finest young boars is out of a litter of thirteen farrowed, out of Mollie's Girl, by Mart's Choice, and sired by Miss Bob's Wonder. Breeders who are looking for a good Ohio Chief boar should attend the Rankin sale. Accommodation will be made for everybody and he says for all the boys to come to the sale. Write for catalog and mention The Homestead. See page 34 for advertisement.

INITIAL ANNOUNCEMENT OF THE WAYSIDE SHORT-HORNS.

We call attention for the first time to the very important sale of Short-horn cattle to be held at Wayside Farm, one mile south of Mt. Vernon, Linn county, Iowa, on October 5th, by Mr. Geo. H. Burge. Mr. Burge, while comparatively a young man, is not a young breeder, neither is he a novice in the cattle business. Few men have made greater strides in the breeding and developing of Short-horn cattle than has Mr. Burge. He is sometimes styled "the self-made, irrepressible, young Short-horn giant of Iowa." Either in the show ring or in the development of cattle or in argument, Mr. Burge is like "Banquo's Ghost" who will not down. This offering selected for the public sale to be held October 5th, consists of forty-four head, practically all bred at Wayside. It also includes almost the entire show herd exhibited at the Iowa State Fair the last week of August. It is the sixth sale to be held at Wayside and it goes without fear of successful contradiction that this is the best offering of Scotch and Scotch-topped cattle that has ever been offered in or about Mt. Vernon. Mr. Burge is one of those breeders who has a model in his mind. That model is his ideal of the typical Short-horn. That his ideal is about correct is evidenced by the great favor in which the Wayside Short-horns are held when in the show ring. We predict for Mr. Burge that large measure of Success to which he is entitled. In private conversation with the proprietor of Wayside, he informed the writer that in listing his show cattle for sale in connection with a goodly number of the best breeding cows on the farm, that it was a great sacrifice to the herd, but that as he owned the sires and dams, he simply had the risk of their lives to run for a few years when he could again produce the same character and in fact full sisters to the good things listed in this sale. The great success attached to Mr. Burge's shows of 1904-5-6, with both his aged and young herd, has demonstrated that he has a fixed type of cattle peculiar unto himself. Every animal shown by Mr. Burge for the past three years has been of his own breeding, and of the forty-four slated for this sale, thirty-six are of his own breeding and four of the remainder are by bulls bred at Wayside. The bull contingent in this

offering is exceptionally strong, and we would admonish those in need of good Scotch herd bulls or Scotch-topped ones, to keep this sale in mind. Mr. Burge offers no apology for this sale. It is purely and solely a business proposition. His herd is so prolific and reproductive that it has outgrown its quarters. Besides this, Mr. Burge wants the money that these cattle represent. Each and every animal sold is clothed with a liberal guarantee. He will be pleased to furnish his Wsidesale catalog to every Homestead reader who applies for the same.

HATCHER'S DUROC JERSEYS.

On September 27th, at Clarinda, Iowa, Mr. H. H. Hatcher, of Shenandoah, will contribute a choice offering of Duroc Jersey boars and one gilt to the Hatcher-Pfander-McClelland sale. These will be sired by Hatcher's Marti 16525, possibly the best breeding boar ever used on his farm, and the sire of the first-prize litter at Shenandoah Fair this year. The others will be sired by Jim's Critic, a son of Glendale Critic, the Iowa and Nebraska State Fair winner, and by Isaac's Prince, a son of Belle's Perfect King. He is putting in three pigs by this hog, two boars and one sow out of Lady Empress by Gold Dust Jim. The first-prize Shenandoah litter are sired by Hatcher's Marti and are out of Hilda B. by Sensation Chief. There were eleven in this litter and she raised nine. Cherry Bounce, another Sensation Chief sow out of Cherry Blossom, Manley's old show sow, will have one good boar pig in the sale and by Jim's Critic. Another pig by the same sire will be out of Mogul's Profit, by old Mogul, and Belle B. and granddaughter of Long John will also have three boars in the sale by the same sire. Mr. Hatcher never sold from his farm as good a bunch of boars as he is putting into this offering. Anyone who cannot attend the sale in person can send a bid to Mr. E. Z. Russell, president of the National Association, who will attend the sale and will take pleasure in selecting what the buyer wants.

LAST CALL FOR MANLEY'S GREAT FALL SALE.

On September 18th, at Lyons, Neb., will occur the fall Duroc Jersey sale of Messrs. Manley & Co., one of the best-known red hog farms in the West. This is one of the first fall sales made in recent years by this firm and they are therefore putting in some of the best things they have in the herd. They are selling thirty-five head in this sale, and thirteen of these are sows. The rest are practically all fall and yearling boars, sired by Young John, Orion and Belle's King. They are also selling a full brother to the great Proud Advance in this sale and he is a good hog. Some good breeder can afford to loosen up his purse a bit when he comes into the ring. Several of the best boars in the sale will be sired by old Orion, and as that noted boar has passed away it will be about the last chance breeders will have to get one of his sons. A few of the good ones will be sired by Belle's King, a son of the great sweepstakes sow, Nebraska Belle, and they are out of some of their very best sows. Messrs. Manley & Co. are selling an Orion sow out of a Dandelion dam that is one of the best things in the sale, and she is due to farrow a litter by Proud Advance in the early part of October. This is the combination that produced Alix II., the sow that Mr. Austin Renshaw won sweepstakes with wherever shown, and this same combination was the means of enabling ten of our very best breeders to top their sales last winter. Breeders, and the very best breeders at that, should come out and buy these sows, as they will be able to repeat what others have done if they take care of their get. In conclusion we want to call attention to a boar that is out of Nancy, their sweepstakes sow last year. He is a good one and will weigh 375 pounds at eleven months. If you are on the market for some of the good things you can't afford to miss the Manley sale this fall. Write for catalog and kindly mention this paper. See page 31.

THE HATCHER-PFANDER-MCCLELLAND DUROC JERSEY SALE.

One of the sales that never fails to attract breeders and farmers in southern Iowa is the Hatcher-Pfander-McClelland sale, which takes place at Clarinda, Iowa, on September 27th. They sell fifty head of spring boars and gilts and a few brood sows with litters, and it is an offering that will be appreciated when the buyers see the stuff. Mr. McClelland sells fifteen head. These are all spring boars and gilts, except two sows that will have litters at sale. One of these is a daughter of Orient Boy and the other a daughter of Paddy Orion. One of these will have a litter by Stout's Advancer, the other by Golden King, a boar purchased by Messrs. Watt & Foust. Two of his boars are sired by Improver II. and several by Stout's Advancer. One boar is sired by Iowa Banker II. out of a Top Notcher Chief dam. One of his Stout's Advancer boars is out of an Orion dam and another out of a daughter of Glendale Critic. Another of these, a very growthy fellow, is out of a daughter of old Mogul by Tom Watson. Another good pig is sired by Goldie's Top Notcher out of a Tom Watson dam. This fellow is a double-bred Top Notcher boar, tracing on both sire and dam's side to old Top Notcher. His gilts are sired by Perfection Chief, a son of Proud Advance, and by the boars mentioned above. Mr. Harry Pfander puts in about the same number and his are sired by Duroc Standard, Belle's Corn Cracker and Red Knight, the Nebraska State Fair sweepstakes boar. He also sells one sow, a daughter of Paddy Orion, and she will have litter of pigs at side on sale day. The most of his boars are sired by Duroc Standard and Corn Cracker, and are a nice lot, good in color, with plenty of bone and a good all round bunch. Those who attend the sale will like them when they see them. He sells a good gilt or two sired by Duroc Standard, as well as several others that bid fair to mature into excellent brood sows. Mr. Hatcher sells fourteen boars, all of spring farrow, and one gilt. These are all sired by Hatcher's Marti and a grandson of Nebraska Belle. Some of these have been winners at the Shenandoah fair, where they were shown against strong competition. Mr. Hatcher's offering is large for their age, strong and vigorous. He will put up an offering in this sale that will be the best that has ever come from his herd, and he is satisfied that they will meet with appreciative bidding on sale day. Mr. W. W.

McClelland, of Clarinda, Iowa, has the sale in charge and he will take pleasure in sending a catalog to anyone who writes for it. Application can be made to either of the other parties, however, who will take pleasure in sending one to all those who apply. Remember the date and place, September 27th, at Clarinda, Iowa. See advertisement on page 29.

CRAYER'S DUROC SALE.

The writer, representing this paper, recently inspected the herd of Durocs owned by Messrs. W. A. Crayer & Son, of Fillmore, Ind. A good lot have been selected for the forthcoming sale to be held at the breeding farm near Fillmore on Wednesday, September 26th. We take pleasure in recommending this herd to our readers, and especially the sale consignment. Not that there is any difference between the sale consignment and the breeding herd, but because they represent one of the best and most useful lot of Durocs to go under the hammer this year. At the head of the herd stands One Such 14037. He was sired by the prize-winning boar, None Such 10025, owned by Mr. J. D. Nidinger, of Decatur, Ind. One Such was second at the Indiana State Fair, last year and had many admirers for first place. At Terre Haute and Crawfordsville and again at Ft. Wayne One Such was first in strong competition. The dam of One Such is Decatur Belle 4th, one of the best daughters of the noted prize-winning boar, Corrector. Individually One Such is of the show-yard type and his get are of like quality. One Such is a full brother in blood to Hanley, the boar owned by Messrs. McNeil Bros., of Bowen, Ill., and like Hanley has proven himself a very good sire. Another boar used by Messrs. Crayer was High Notcher. He was sired by Top Notcher Again and his dam was Buckeye Belle 27292 by Dictator Chief. Top Notcher Again is a brother to the World's Fair champion, Tip Top Notcher, recently sold for \$5,000. Some fall and spring litters in the sale are sired by High Notcher. In our next issue we will have more to say regarding the offering and in the meantime would urge our readers to write for catalog as per the announcement on page 31 of this issue. If any reader cannot be present sale day bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Crayer, will be properly handled. Please mention The Homestead when writing.

A. L. MOSSMAN'S DUROC BOAR SALE.

When Duroc breeders assemble at the A. L. Mossman farm at Radcliffe, Iowa, on Tuesday, September 25th, they will find an offering of boars that will compare with any to go in the sale ring during the oncoming sale season. Mr. Mossman never does anything by halves, he believes in taking an interest in all that is good, no matter what the undertaking, pushing incessantly toward the goal. Something, however, that he takes special interest in is the raising of good hogs. In this he has been successful to a marked degree, as will be seen by Duroc fanciers on sale day, at which time Mr. Mossman will select thirty-five Duroc boars from the Prairie Glenn herd and let breeders make their own prices. That they are well bred goes without saying, as Mr. Mossman has not only choice ones (practically all of his own breeding), but from time to time has purchased good brood sows and herd headers from some of the tippy breeders of Iowa and other states. Plenty of good-boned youngsters, with quality thrown in, sired by Tientsin, are included. It is well here to announce that Tientsin is the sire of the first prize junior yearling sow at the Iowa State Fair this year. Duroc men know how good she was, it taking the judges considerable time to decide between her and the sweepstakes sow. Now is the opportunity to secure direct sons of Tientsin. The herd boars used by Mr. Mossman are A. L.'s Chief by I. J.'s Chief (an excellently-bred individual), King Al by Surprise (also a sire of quality pigs), and A. L.'s Advance by Advance Lad (a litter brother to Proud Advance). All Duroc admirers know the kind he has sired. In a following issue more will be said about the offering. While you are waiting, however, just send in for a catalog, which is free for the asking. All trains will be met, both Iowa Falls & Northern and Chicago and Northwestern. Free conveyance to and from the farm, and a substantial dinner as well. Cols. J. L. McIlrath and O. L. Mossman will be the auctioneers. Bids sent to them will receive proper attention. See sale announcement on page 29 and send for catalog at once.

GARRETT & SONS' SALE OF POLAND CHINAS.

When Messrs. W. T. Garrett & Sons, of Maryville, Mo., announce a sale of Poland Chinas everyone knows that there will be something doing at their farm sale day. This year, Tuesday, September 25th, is the day, and Messrs. Garrett have selected from their herd such an offering as is rarely seen or heard of. For this occasion sixty-one head have been selected. Four are fall boars, twenty-one are spring boars. The man hunting herd boar material will find it here and in plenty. These boars are the kind that appeal to the men who want size, quality and a hog that is practical. It is from Messrs. Garrett & Sons' herd that Mr. John Blain, of Pawnee City, Neb., selected the great Blain's Tecumseh, probably the most satisfactory boar Mr. Blain ever owned aside from Logan Chief. Two of the fall males are out of the great brood sow, Miss Allerton, a full sister to Blain's Tecumseh. Many others are closely related. In spring boars these gentlemen will sell several that promise as good as Blain's Tecumseh ever did. They are growthy, yet not fat, and anyone looking for the kind that have always been money makers and the kind that breed on should not miss this opportunity. The sow end of Messrs. Garrett & Sons' offering is even stronger than the boar end, and this is saying much, but the writer in his fifteen years' experience among pure-bred hogs does not remember of ever having seen so many good sows. The great brood sow, Miss Allerton, is an attraction worthy of note. Her six daughters got by the great boar, I Am Sunshine, should appeal to breeders wanting sow material that is unsurpassed. Others just as good are found in this offering. In fact from end to end the Garrett offering is one of such quality that it is useless to individualize. That it is possible for these gen-



Lightning

strikes more barns during September than in any other month, according to reports. It is due to the storing of great crops of grain and hay in them, and makes

the loss much greater than if the barn burned in the spring or summer when it was empty. One Insurance Company reports over 500 losses by Lightning since June 6th, and not any of it on buildings properly rodged.

Your crop is harvested and in the barn, and is exposed to the Lightning Flash. Can you afford to risk losing it when you can get absolute protection for a few dollars? This is an important question for you to decide, for the safety of your life and property rests in the answer.

Write for our booklet, "The Laws and Nature of Lightning, and How to Control It," and remember that our rods are made of pure copper; are sold and erected by honest men only; that we guarantee every job, and are the only rods endorsed by 2,000 Insurance Companies. Write for the free booklet.

DODD & STRUTHERS, DES MOINES, IOWA

tle men to make such an offering is because for upwards of forty years Mr. Garrett, Sr., or "Uncle Bill," as his friends know him best, has bred for a type, that type being one that has stood the test of time and one that will continue to stand the test. In conclusion we wish to state that there is not a poor back, a poor foot or a hog in the entire offering of sixty-one head that will not do good and be a profitable investment to the purchaser, barring death. For advertisement of Messrs. Garrett & Sons' sale see page 34 and write today for a catalog, mentioning this paper when doing so.

MORE OF W. A. MERRYMAN'S DISPERSION SALE OF HEREFORDS.

Hereford breeders who are interested in the breeding of recorded stock on the production of beef from high grade Herefords should not fail to look up the advertising of Mr. W. A. Merryman, of Laredo, Mo., who will on Friday, September 28th, disperse both herds of cattle. Mr. Merryman has always lived among his cattle, the pure breeds being kept on the home farm and the high grades on one of his adjoining farms, which made an ideal arrangement. The original stock in the herd of pure breeds came from the herds of Messrs. Overton Harris, C. G. Comstock & Son, Cornish & Patton and W. H. Curtis. Some cows of strong show yard characteristics will be found in Mr. Merryman's sale; among these is the cow Blossom, a cow that carries the blood of Anxiety Star Grove and Wester Eagle. She is one of those good matronly appearing cows and as an individual is among the good things of this sale any other sale. The cow Lucy, got by Pablo tracing to St. Grove and Archibald, should appeal to discriminating buyers. The Comstock bred cow, Lady Britton, will be found a low, down, thick, meaty proposition and a desirable female. Several granddaughters of Improver should not be passed by those hunting for desirable breeding stock. One of these and a show heifer is called Gipsy Girl. Her dam was got by Beau Brummel which gives her two lines of breeding that have not been found wanting. Another is out of a Wilton Anxiety bred cow. Both are two years old and will add to any herd. Topsy, another granddaughter of Improver and out of a Peeping Tom cow, should appeal to the more critical buyers. A Pretty Face heifer will no doubt prove an attraction for the particular buyers. From this it may be seen that the blood lines in Mr. Merryman's offering are desirable. The representative of this paper, who visited the herd, wishes to say that the cattle are all that is claimed for them, and more, and that those who want Herefords should not miss this opportunity. If you want high grades for the production of beef cattle that will go out and top any market, Mr. Merryman has them and will sell to the highest bidder. See page 18 for advertising and if you have not received a catalog write for one and arrange to be with Mr. Merryman sale day. Laredo is one hundred miles northeast of Kansas City, Mo., on the main line of the Chicago, Milwaukee & St. Paul railroad. All trains stop. See page 32 for advertisement.

LAST CALL FOR W. W. ANDREWS AND HOOKER & SON'S SALE OF ANGUS.

Next Monday, September 17th, at Mr. Andrews' farm, near Maryville, Mo., he will disperse his richly bred herd of Aberdeen Angus. At the same time C. D. Hooker & Son will sell ten head of good Angus. In Mr. Andrews' offering will be found three daughters of the great Prince Ito. One of these, Woodlawn Blackbird Pride, a three-year-old, is a full sister to the \$1,000 bull calf sold recently in the Pierce dispersion sale. Mr. Pierce considered the dam of this young cow the best breeding cow he ever owned. She is a very smooth, evenly-built cow and her bull calf, Blackbird Ento, shows her to be a breeding matron of much merit. She is due to calve in October to the service of Black Magic of Home Dale 2d. She is listed as Lot 4 and her son as Lot 5, Blackbird Irene, listed as Lot 2, is another daughter of Prince Ito, two years old, and a desirable young cow. Her daughter, listed as Lot 3, was got by Elder Erica. Lot 8 Pride Perfect is the other daughter of Prince Ito and out of Imp. Pride of Baintomb 5th. She, too, is a good individual and has calf at foot and a daughter listed as Lot 9 and got by Imp. Eliflock. Eliflock heifers are in much demand and she should find an appreciative buyer.

Among the Queen Mothers is found Orleans Manilla, a cow of much substance; one of those table backed cows thick from end to end and probably as good a Queen Mother cow as is found any place. Much of her stock will be found in the sale as she has been a wonderful brood cow. She is due to calve in October to the service of Black Magic of Home Dale 2d. The imported cow Eudora, of Eccleshall, will be found a desirable double bred Trojan Erica that has four calves at five years of age and is well along in calf again. For scale, even fleshing qualities and as a brood cow she is hard to excel. Other useful things are found throughout the herd of Mr. Andrews and it will be a good opportunity to buy choicely bred stuff that is individually good. Messrs. C. D. Hooker & Son consign ten head, two bulls and eight females. Among the females is the Pride Cow, Pride of South Oaks, a cow that Mr. Hooker considers a very valuable breeding cow. She is well along in calf to the show bull, Blackbird Benton. The Erica topped Queen Mother heifer, got by Eraste, Messrs. Hooker & Son's senior herd bull, will be found a most desirable yearling heifer. The two bulls cataloged are good useful fellows, both sons of Eraste, their senior herd bull. If you have not received a catalog do not wait to send for one as the sale is Monday. The cattle are right both as individuals and are as well bred a lot as one can find. The final announcement appears on page 33.

THE LAST CALL FOR THE WISNER THREE DAYS' SALE.

The first day's sale at Wisner, Neb., will be Short-horn day, when fifty head of good, useful cattle from the herds of Messrs. S. S. Hall, J. R. Mansfield & Son, Theo. Serck and J. O'Kane will be sold. A representative of The Homestead has seen these offerings and is in position to say to our readers that there will be some good bulls and females in this sale. As in previous issues, we desire to say that the major portion of the females will be consigned by Mr. Hall, and the most of his offering will have calf at foot by Oliver Gloster, his former herd bull, and will be bred back again to his present Scotch bull, Morning Star 24370. Mr. Hall is putting in a lot of broad-backed, mellow-fleshed and easy-keeping cows and the number that he sells with calf at foot will show they are good breeders. Messrs. Mansfield & Sons sell eight head of bulls, all sired by Nonpareil King, and they are a nice, even lot, possibly the best they have ever sold from their herd. One of these is an exceptionally good young bull. Mr. Theo. Serck sells Merry Lad, the only son of Imp. Merry Hampton used in the West. He is a good breeding bull. We have known him for a number of years and know he breeds on. He also sells some good young bulls and some cows and heifers. Mr. John O'Kane, the man that showed American Flag at Lincoln last week and got first place on him, consigns one good yearling bull to the sale. Western men, especially, should attend this sale, as the cattle will be sold right at their door. It will be a good place to buy a bull or to add a few females to your herd. The catalog is ready. Write to Mr. S. S. Hall, Pender, Neb., for one, and please mention The Homestead.

VON SEGGERN'S HEREFORDS.

On Friday, September 21st, Mr. J. G. Von Seggern will sell at the sale pavilion, Wisner, Neb., forty head of richly-bred Hereford cattle, composed of a nice string of bulls and a lot of good cows and heifers. Twenty-seven head will be cows and heifers, eight of which will have calf at foot. These will all be rebred to his great bull, Columbus 25th, considered the best son of old Columbus, or to Monarch of Shadeland 10th. The larger part of this offering is sired by Swinbourne 109741, a son of old Lamplighter. The blood of The Grove 3d and Anxiety 4th is very conspicuous in the Von Seggern offering. The cows are large, very breedy in character, good flesh carriers and are decidedly of the money-making kind. He is selling a nice string of good young bulls in this sale, among which is a son of Columbus 25th. These cattle have run on grass all summer and have only been up a short time, but they are going to be in the very best condition for buyers. We urge Hereford men to attend this sale and show their faith in Hereford cattle by making a few purchases. Mr. Von Seggern is one of the most reliable

breeders in the West and he is not putting a thing in this sale that he does not know to be all right. He is one of those breeders that stand behind his cattle, and anything he says can be depended upon. If any of our readers want Hereford bulls or cows and heifers they will find them in this sale. Write for catalog and mention The Homestead.

PRITCHARD'S BIG POLANDS.

On Saturday, September 22d, at the sale pavilion, Wisner, Neb., is where you get a chance to buy large, big-boned Poland Chinas of the money-making kind. The offering comes from the herd of Dr. H. Pritchard, one of the best and most popular breeders in the West. They are sired by Big Tom 2d, his 1,000-pound boar, and by Wisner Chief, a son of Chief Tecumseh, and Perfect Keep On. He is selling a grand, good lot of yearling sows sired by the above boars. They have plenty of size and bone and have a lot of finish. He will include one or two of the best sows just for an attraction. He has sows in this sale that will mature into 500 to 700-pound animals, and this is the kind a lot of the boys want. He will sell a good bunch of fall boars, bred along the same line. If any of our readers are looking for a stretchy, big-boned, well-bred Poland China boar or sow they should make it a point to be at this sale. There will be enough boars and sows for everybody, and they are good ones. Write to Dr. Pritchard for catalog and mention The Homestead. See page 35.

PETERSON BROS.' CLOSING OUT SHORT-HORN SALE.

An attractive offering of Short-horn cattle that will be dispersed at public auction will be that of Messrs. Peterson Bros., at Lamoni, Iowa, on September 27th. There will be fifty head in the sale, and it will close up the partnership existing between the two brothers. All their herd bulls, breeding cows, heifers and young bulls will be included and it will be an offering that will be especially attractive to breeders. In a note just received from Messrs. Peterson they say: "We have just returned from our county fair, where the liveliest cattle ex-

hibit of recent years was held. We won first prize on Gay Hampton as best three-year-old bull, first on Fairholm Jewel as best two-year-old bull, first on Lady Hampton as best yearling heifer, second on bull calf and second on yearling bull." All of these go into the sale. Gay Hampton, their three-year-old herd bull, is one of the best sons of Hampton's Best and is out of a daughter of the Harris-bred bull, Gay Laddie. He is low, wide and compact, smoothly laden with flesh of good quality and is a bull that is good enough to go to the head of some good herd. He has done excellent service in the Peterson herd and he will be one of the bargains in the sale. Fairholm Jewel is a two-year-old Bates bull, as straight a Bates bull as can be found at the present time. As a breeder he has no equal in southern Iowa, and some of the best calves on the place are sired by him. There will be a number of young bulls in the sale sired by both of these bulls. Among the best Scotch cows that go into the sale will be Imp. Crescent 8th, bred by Mr. W. S. Marr and imported by Mr. W. D. Platt. She is good enough to go into the best herd in this country and is a cow that has sold for a lot of money. Imp. Princess Fame is also included and she was bred by Mr. Wm. Ross, of Aberdeenshire, Scotland. Both of these cows will have heifers in the sale. Another cow that should be sought after by some good breeder is Spicy of Oak Grove. She is No. 3 of the catalog. Among the good Scotch heifers in the sale will be Stakeholder Princess, a two-year-old daughter of Stakeholder, and out of Imp. Princess Fame. She will make a show cow if she falls into good hands. A great many of the cows will have calf at foot and others will be well along in calf. Speaking of Fairholm Jewel, they say: "He is the largest two-year-old bull we have ever owned and he will easily make a 2,500-pound bull. Gay Hampton will weigh over a ton at sale time." There will be a splendid lot of young bulls in the sale and it will be an excellent place to buy Short-horn cattle. Write for a catalog to Messrs. Peterson Bros., Lamoni, Iowa, and please mention this paper. See page 36.

PREVENTING DISEASES OF SWINE

BY A. S. ALEXANDER.

When hogs begin to die in considerable numbers and losses are experienced in different herds in a district the people say "cholera has broken out," and immediately hogs are doped with diverse concoctions and the cholera medicine pedler is in his element and carries the disease with him, perchance, as he visits from farm to farm.

But cholera is not always present. The government scientists assure us that there is another similar disease called "swine plague" which is about as bad and, of recent years, they have discovered another "bug" trouble which is akin to cholera, sometimes associated with it and equally virulent and fatal. Then there are many other ailments common and more or less fatal to hogs and in the category may be included indigestion, worms, scours, rheumatism, canker of the mouth, snuffles or bull-nose, rickets, thumps, and various troubles of the respiratory organs induced by dust, bad ventilation, exposure, etc.

Let it clearly be understood that cholera, swine plague and other virulent contagious diseases of swine are due to specific germs which come to the hogs in the food or drinking water (cholera) or in the air (swine plague); that there is no known cure for cholera or swine plague; that scientists have utterly failed to discover and manufacture a perfectly safe and effective preventive anti-cholera inoculation vaccine or serum; that always the germ of the given disease is present and must be present to cause the disease, and that the disease cannot be directly caused by feeding new corn or by any other injurious food or cause of debility.

Understanding that these virulent contagious diseases come from specific germs, it should next as clearly be understood that not all animals fall victims to the germs when introduced or present. "One is taken, and the other left." We all know this and have noticed the phenomenon in the history of disease outbreaks in a given district. One herd is affected and that of the neighbor is left. The disease takes the hogs one year and misses the herd for a number of years. All of the time, apparently, the herd is exposed to the germs of the disease, and everywhere the germs of many diseases are around us and our animals. But not all of us succumb to disease; not all of our animals contract it. What is the reason? That is the question, and scientists evade it in their writings, but are about ready to confess that certain conditions of the blood favor the entrance and growth of germs; that certain conditions tend to destroy germs in the blood or prevent their growth or the effect of the toxins they produce in growing. In short, it

seems certain that while many herds at one time are exposed to the germs of hog cholera or swine plague, only those particularly susceptible to the inroads of the germs contract the disease and die and the susceptibility is induced by some undermining, debilitating, enervating cause.

As the hog cholera germ enters in the food or drink, yet does not always cause the disease, so far as we are aware at present, it seems reasonable to conclude that it takes hold at once and in virulent form where there already is some trouble of the digestive tract. If, for instance, indigestion and scouring have been induced by the overfeeding of new corn or of any unsuitable or indigestible food, there will exist a condition of the lining membrane of the intestine, and possibly of the blood, to attract and aid the germs of hog cholera in multiplying in the system invaded; or, if the air passages and lungs have been irritated by continued inhalation of dust or noxious gases, or by lung worms, we may in the same way conclude that in such conditions swine plague, the germ of which enters by the respiratory tract, is most prone to attack, thrive and prove malignant.

Again, it is certain that the system in perfect health possesses certain resistant powers against disease; that blood perfectly pure, fully provided with red corpuscles and oxygen, possesses through its leucocytes the power of destroying and throwing off invading enemies such as germs; and that conversely, an unhealthy system and impure blood circulation invite germ enemies, lack power to resist them and offer the conditions most suitable for germ multiplication.

Evidently then, there are several feasible plans of fighting disease among hogs and these should be followed wherever swine are kept. In the first place, every precaution should be taken to raise hogs of strong vitality and this is to be accomplished by using robust breeding stock, not too closely related, but changed often enough to prevent the weaknesses sure to result from consanguineous breeding. Next the hogs at all stages of life should be fed in such a way as to induce full exercise of the excretory organs and incidentally or primarily of the respiratory organs that blood circulation may be active and the blood pure; that the surroundings of hogs are to be kept as clean and free from germs as possible; that the food and drinking water are to be protected against germ contamination; that worms are to be prevented or destroyed; that indigestion is to be avoided so far as possible and that all known sources of the specific germs of cholera, swine

plague, etc., are to be excluded from the premises occupied by swine.

Medicine is an afterthought and used mostly when trouble has been observed. It seldom is effective where actual disease is absent, and if used strongly as a preventive, is apt to cause conditions conducive of disease. For these reasons, the less medicine hogs are required to take, the better will it be for them, provided they are properly fed and cared for, disinfectants and whitewash are frequently and freely used about the pens, the drinking water is pure, the food suitable, well-balanced and free from germ contamination or conditions likely to cause derangement of the digestive organs. It is right and beneficial, however, to mix a disinfectant in the slop now and then as a preventive and hogs have been found to take readily to slop impregnated with coal tar disinfectant at the rate of from one pint to a quart per barrel. There can be no question that such a use of disinfectant is useful in preventing or destroying worms and germs in the intestinal tract and so warding off cholera and other enteric diseases. It also is legitimate to use other simple correctives with the hope of preventing indigestion and these may include salt, charcoal, wood ashes, stone coal, epsom salts, glauber salts and lime water. Strong, irritating medicines should be avoided and no medicine the exact composition of which is unknown should be fed to hogs. One cannot afford to trust to the other fellow's intelligence or integrity when it comes to treating hogs for disease or attempting to prevent its ravages. For the latter reason, and the fear of contamination, it is a wise policy to keep the hog cholera patent dope pedler off the place by any means necessary to that end.

Although new corn cannot possibly cause cholera, it may, if fed in too large quantities and without due admixture with other foods, induce a condition of the digestive tract, blood and system, favoring the entrance and multiplication of hog cholera germs. For this reason it is wise to use new corn sparingly and all corn strictly as a part of the ration, balanced with other necessary foods. Feed less corn and more milk, middlings, flaxseed meal, tankage, blood meal and other nitrogenous foods along with green fodders and roots, while, at all time, allowing free range in the open air, or at least as much exercise as possible at all times of the year. Then keep the hogs away from drinking water other than that from the well or spring, for contamination is sure to come sooner or later from the drinking water obtained from creeks, rivers, runs, sloughs, ponds, and depressions where surface water gathers. Ancient hog wallows are dangerous. Dogs and car-

HATCHER-PFANDER-McCLELLAND DUROC JERSEY SALE

To be held at Moore's Feed Barn
CLARINDA, IOWA, THURSDAY, SEPTEMBER 27, 1906

The Blood of such well known Sires as
TOP NOTCHER, PRINCE MARTI, IMPROVER II, GLENDALE CRITIC, RED KNIGHT, ADVANCER AND ORION.

50 Head 25 boars—25 sows. We have selected the pick of our herds to go into this sale. There will be a few sows with litter. The rest will be spring boars and gilts. There will be some good boars in the sale. Two are sired by Improver II., others are sired by Red Knight, sweepstakes boar at Nebraska State Fair, Duroc Standard. Belle's Corn Cracker, Hatcher's Marti, and other good boars. The offering is strong in the blood of the leading winners, and we are contributing a lot of good boars and sows to the sale. Write any of us for catalog.

H. H. Hatcher, Essex, Ia.; Harry Pfander, Clarinda, Ia.;
W. W. McClelland, Clarinda, Ia.

PRAIRIE GLENN HERD DUROC SALE

TUESDAY, SEPTEMBER 26, 1906.

35 head by these sires: A. L.'s Advance by Advance Lad, litter brother to Proud Advance; King Al by Surprise, a boar of excellent quality; A. L.'s Chief by I. J. Chief, a sire of good ones, and Tientsin, sire of 1st prize junior yearling sow, Iowa State Fair, 1906, a warm competitor of the sweepstakes sow. The boars I offer come from large, healthy litters. My sows averaged ten to the litter this spring. Every boar royally bred. Catalog free. Sale at my farm at 1 o'clock. Dinner served. Free conveyance to sale. All trains met. Breeders extended a cordial invitation.

A. L. MOSSMAN, - - RADCLIFFE, IOWA.
Cols. I. L. McIlrath and O. L. Mossman, Aucts.

35 DUROC JERSEY BOARS

Sired by my \$300 boar Glendale Jim 33291.
2d prize boar at the Iowa State Fair. Prices reasonable.
J. S. GOLDER, SCRIBNER, NEB.

tion birds should be shot on sight. People from cholera-tainted farms should be kept off the place. All newly-bought stock should be quarantined until known to be free from disease. All places occupied by hogs should be kept clean, and if the old quarters are filthy, abandon them at once and put the hogs on new ground. It would be well indeed, were it possible each season to provide new ground for hogs while the old yards were being cropped and laid down to grass for future occupation.

But we need not elaborate the thoughts set down in this article. The fundamental principle of veterinary hygiene is to exclude all things that induce disease, and provide everything necessary to health and likely to conserve it and prevent disease. We have made our hogs weak in many ways—by inbreeding, stuffing upon corn, overfeeding on other rich foods, lack of exercise, lack of green food or other succulent food, inattention to cleanliness, allowing parasitic invasion, prolonged use of filthy hog yards and houses and senseless drug-ging with unnecessary and often hurtful medicines.

Let us manage hogs to exclude all of these causes and conditions favoring disease and cholera and other maladies will be far less common and virulent than heretofore.

That "Simplicity" means strength and power is not realized by some people. If you will give this question careful consideration and read the advertisement on page 5 by the Litchfield Manufacturing Company you will see the value of simplicity.

VERY LOW RATES TO BUFFALO, N. Y., Via the North-Western Line. Excursion tickets will be sold at one fare for round trip October 10th to 12th, inclusive, with favorable return limits, on account of International Christian Convention. Apply to agents Chicago & North-Western R'y.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Chessman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

VERY LOW RATES TO CHATTANOOGA, TENN.

Via the North-Western Line. Excursion tickets will be sold September 16th to 17th, inclusive, with favorable return limits, on account of Regimental Reunion, Anniversary Battle of Chickamauga. Apply to agents Chicago & North-Western R'y.

Low Colonist Rates

ONE WAY TO North Pacific Coast Points

Daily until Oct. 31--From St. Paul to Billings, \$15; (from Chicago, \$25); to Helena and Butte, \$20; (from Chicago, \$30); to Spokane and Ellensburg, \$22.50; (from Chicago, \$30.50); to Portland, Tacoma and Seattle, \$25; (from Chicago, \$33). Similar rates to all points in the great irrigated districts and the other wonderfully productive farming regions in Montana, Idaho, Washington and Oregon. Farm where you will be independent of rain-fall, where there is no severe cold, where fuel and clothing bills are cut in half. For information and printed matter describing fruit and farming lands and business openings, write to C. W. MOTT, G. E. A., St. Paul, Minn.



PULLMAN TOURIST SLEEPING CARS

FAST THROUGH TRANSCONTINENTAL SERVICE

For full details, train service, etc., apply to
E. D. ROCKWELL, Dist. Pass. Agt.,
318 Citizens Bank Bldg., Des Moines, Iowa.

A. M. CLELAND,
General Passenger Agent,
St. Paul, Minn.



TOO LATE TO CLASSIFY.

25 TOPPY DUROC JERSEY BOARS SIRED BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB,

MONROE, NEB.

ROYAL RUBY

HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.

GUSA. PEDERSON, OCHEYEDAN, IOWA.

CORRECT I KNOW JR. 111629. FALL males of Tec. and Perf. breeding; weight 300 to 450 lbs. Spring boars by Hustle On 105337, he by On and On. Serviceable S.H. bulls, S.L. Wyandotte and R. C.B.L. Leghorn chicks. Inter-State 'phone. F. Ebendorff, Strawberry Point, Ia.

CHOICE Duroc Jersey pigs on approval at \$12.50 and \$15. Eligible to register. Pairs not akin. Address, J. C. Jay, Mount Pleasant, Iowa.

LOW ONE-WAY RATES

VIA

UNION PACIFIC

FROM

Missouri River Terminals

(KANSAS CITY TO COUNCIL BLUFFS, INCLUSIVE)

EVERY DAY

AUG. 27 TO OCT. 31, 1906.

\$25.00 to San Francisco, Los Angeles, San Diego, and many other California points.

\$25.00 to Everett, Fairhaven, Whatcombs, Vancouver and Victoria.

\$25.00 to Portland, Astoria, Tacoma and Seattle.

\$25.00 to Ashland, Roseburg, Eugene, Albany and Salem, including So. Pac. branch lines in Oregon.

\$22.50 to Spokane and intermediate O. R. & N. points to Wenatchee and intermediate points.

\$20.00 to Butte, Anaconda, Helena, and all intermediate main line points.

\$20.00 to Ogden and Salt Lake City, and intermediate main line points.

For full information inquire of

J. W. TURTLE, G. P. A.,
313 W. Fifth St.,
DES MOINES, IOWA.

Prairieview Herd of Duroc Jerseys. SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell you bred sows for one-half what they cost at public sales last winter. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

PURE BRED GALLOWAY CATTLE FOR SALE. 8 Bulls, 6 Cows and 2 Heifers, at prices that will make them move. Write to S. D. Miller, Wellman, Ia.

State Road Herd Duroc Jerseys

NEW choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

You Will Prosper in the great growing SOUTHWEST

If you purchase a farm in the Southwest now, while the land is cheap, you will soon see grow up around you a community of prosperous, energetic men, who, like yourself, have seen the possibilities of the Southwest, and have taken advantage of them. This very condition, which is rapidly forming all over the Southwest, is making the value of land increase rapidly, to the certain profit of those who own it.

There are more and better opportunities for making money—for home building, in the Southwest—along the line of the Missouri, Kansas & Texas R'y today, than anywhere else. You have only to get on the ground to prove this. If you are in any way interested in the Southwest, write today for a copy of my new paper, "The Coming Country."

Go Southwest Now

Take advantage of the exceptionally low homeseekers' rates, September 18th and October 2d and 16th, and go and see the country for yourself. On above dates most lines will sell round trip tickets via M., K. & T. R'y at not more than one fare plus \$2.00; in many cases—from Chicago to San Antonio, e. g., the rate is \$25.00, from St. Paul, \$27.50, from St. Louis and Kansas City, \$20.00—the rates are considerably lower. The tickets permit of stop-overs in both directions via M., K. & T. R'y. If your nearest railroad agent cannot give you the rates, write me for particulars.

W. S. ST. GEORGE

General Passenger Agt., M. K. & T. R'y.
580 Wainwright Building, St. Louis, Mo.
Tickets on sale everywhere, via



"SOUTHWEST"

When writing please mention this paper.

\$25

—TO—

Seattle

From St. Paul and Minneapolis

\$33.00 From Chicago

Equally Low Rates to Points in

Montana, Idaho, Washington, Oregon and British Columbia

via the

Great Northern Railway

Every day until October 31st inclusive

Liberal Stopover Privileges

MAX BASS.

A. L. CRAIG,

General Immigration Agent. Passenger Traffic Manager
220 S. Clark St., Chicago, Ill. St. Paul, Minn.

TOO LATE TO CLASSIFY.

30 DUROC JERSEY BOARS 30

SIRED by Duke of Ohio 39529, Geo. Hurst 40551, Alfonso 40849, and by a son of Crimson Wonder. Pigs by Ulster Chief 11425. Low prices for the quality.

M. M. ELIENDORF, LACONA, IOWA.

NOTHING FOR SALE UNTIL OCT. 26,

WHEN I will sell 40 head sired by Tip Top Notcher, Top Notcher Chief, Ambition, Hauley, Big I Am and other noted sires. Send for catalog.

H. B. GRIFFITHS, BOWEN, ILLINOIS.

BONE'S CHESTER WHITES

THE oldest herd in the country. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, Ia. Box 85.

Samuel Bone, Montezuma, Ia.

FOR SALE CHEAP

MY four-year-old Imp. Hereford bull, Royal Lad, No. 14566. Cannot use him longer. Large, gentle, sure. Also young recorded bulls and Poland China male pigs. Write or call. Box 27, Route 1.

A. M. STINE, ADEL, IOWA

I PAY EXPRESS CHARGES

AND ship C. O. D. choice improved Chester White pigs of both sexes. Write for illus. catalog free.

B. M. Boyer, Farmington, Van Buren Co., Ia.

EVERDALE HERDS AND FLOCKS.

SHORT-HORNS, Shropshires, Durocs, bulls, boars and bucks for sale. Good ones and priced right.

A. M. AVERY & SONS, MASON CITY, IA.

EVELAND'S Duroc Jerseys. Four fall boars and a few spring boars for sale, sired by King David 11, 34759, and Modeler's Boy 46358. Also Lad for Me 39835, R. F. D. 1. E. J. Eveland, Jamaica, Iowa.

ANNUAL HOME VISITORS' EXCURSION TO

Ohio, Indiana and Kentucky
TUESDAY, SEP. 18, 1906,

Via.

Big Four Route

The Road with Service. America's Greatest Railroad System.

ROUND TRIP RATES FROM PEORIA

Indianapolis, Indiana	\$5.00
Marion, Indiana	5.00
Muncie, Indiana	5.00
Cincinnati, Ohio	7.00
Dayton, Ohio	7.00
Springfield, Ohio	7.00
Sidney, Ohio	7.00
Louisville, Kentucky	7.00
Columbus, Ohio	7.50
Marion, Ohio	7.50
Toledo, Ohio	7.50
Sandusky, Ohio	7.50

Corresponding low rates to many other points. Return limit thirty days from date of sale. Tickets will be honored on all regular trains. For tickets, time and further information call at 325 Main St., or Union Depot. Telephone 966, or address

H. R. Daly, T. P. A., Peoria, Ill.

When writing to advertisers please mention this paper.

SOUTHEASTERN NEB. DUROC CIRCUIT

WE have gathered as strong a lot of Durocs as our herds afford and on the days of our sales we will offer as royally bred a lot of Duroc boars and sows as will be offered in this section of the state this year. Our respective herds embrace the blood of prize winning families. Each offering will be strong in individuality. Each sale will afford the class of Durocs that will go out and bring you the returns.

At So. Auburn, Neb.
ON

Sept. 25th
DISPERSION
SALE

My entire herd of royally bred Duroc Jerseys including the prize winning boar Liberty Challenger. Nine fall gilts by Kan't Be Beat's son, Ben B., Imp. 2d, Cole's Duroc. Eight tried brood sows safe in pig to the herd boars. Ten spring pigs by Liberty Challenger and McClellan. For catalog, address,

Ford Skeen, Prop.,
South Auburn, Neb.

AT TECUMSEH, NEB.
ON

Sept. 26th
40 HEAD
Boars and Gilts

Our sale will afford you opportunities to buy herd headers and brood sows. We sell the fall yearling High Notcher, by Uni. Russell. A fall boar by Caesar, by Top Notcher. Very promising spring pig by Hanley and tracing to The Lad For Me. Lamb Brothers sell nine boars and three sows by Beatrice Boy, and Moren Duroc by Chief Orion and out of Bell Advance. Address,

Peek, Putnam & Lamb
Bros., Tecumseh, Neb.

AT COOK, NEBRASKA,
ON

Sept. 27th
46 Head 46

One yearling boar, six yearling sows, 17 spring boars and 22 spring gilts. My offering is up to any previous sale. My Duroc Jerseys represent the blood of the good families. I have good growth, lots of finish and the useful lot of hogs so much sought; such as Oom Paul, Tip Top Notcher, West's Choice, Crimson Wonder and Improver 2d. Would be pleased to see you at my sale. Catalog now ready.

John Schowalter,
Cook, Neb.

At Cook, Nebraska,
ON

Sept. 28th
40 HEAD 40
17 Sows. 23 Boars.

I am offering the tops of my herd in order to establish myself more. My hogs are royally bred and are strong in individuality. All stock in good breeding condition. Offering embraces the blood of such families as Tip Top Notcher, Red Duke, G. W.'s Favorite, by Sec's Kan't Be Beat and Red Chief. I am. Write for my catalog.

GEORGE DORSCH,
Cook, Neb.

T. C. Callahan, of Omaha, will officiate on the block at each sale.

SEND BIDS TO AUCTIONEER IN OUR CARE.

MANLEY & CO'S GREAT FALL DUROC JERSEY SALE

LYONS, NEB., SEPTEMBER 18, 1906.

. 35 HEAD---13 SOWS, REST FALL AND YEARLING BOARS 35

Sired by Young John, Orion and Belle's King. We will also sell a full brother to Proud Advance. The sows will be bred to Junior Jim, the 2d prize boar at the Iowa State Fair, and also to the great Proud Advance. We are selecting the very cream of our herd for this sale. Write for catalog. Address,

MANLEY & CO., - - - - LYONS, NEB.

COL. LUTHER, AUCTIONEER.

EIGHTH ANNUAL SALE OF DUROC JERSEY SWINE

OF THE BEUNA-
VISTA HERD OF

W. A. Craver & Son, Fillmore, Indiana

Sale on our farm 2 miles north of Fillmore, Putnam Co., Ind. **WEDNESDAY, SEPT 26, '06**

Our offering will consist of yearlings and spring boars, aged and yearling sows and spring gilts, fifty to sixty head. Five fall yearling boars and sixteen fall yearling sows that are good enough to go into the best herds of the U. S. This offering is mostly sired by our two-year-old boar, One Such 14037, by None Such 10025, dam, Decatur Belle 4th 29534. One Such is a full brother in blood to Hanley, owned by McNeil Bros., of Bowen, Ill. Some are sired by High Notcher 14035, by Top Notcher Again 10687, and one litter by High Chief and Found At Last 2d. The dams of this offering are sired by old Sure Winner and King Watt's Last and all the best strains are represented in this herd. Send bids to Mr. D. M. Pierce in our care. For catalog address,

W. A. CRAVER & SON, - - - - FILLMORE, INDIANA

JAS. B. TURBETT'S POLAND CHINA SALE

At Eden, Peoria Co., Ill., Thursday, Dec. 27, 1906

40 HEAD BOARS AND SOWS 40

The offering consists of two aged boars, including the herd boar, Woodview, Keep On 99883; thirteen spring boars, eighteen spring gilts, and seven aged sows, five of which have litters that will be sold with them. All large, smooth, heavy-boned Poland Chinas.

COLTS FOR SALE.

I will also sell five colts, consisting of three yearlings, two Percheron bred, one trotting bred, and two weanlings, one Percheron bred and one trotting bred. The Percheron-bred ones are sired by Challenge, a fine breeder and very noted horse in this section of the country. The trotting-bred are sired by George Strong, well known throughout the country. George Strong is a pacer, but the colts are trotters. For catalog address

JAS. B. TURBETT, - - HANNA CITY, ILL.

COL. C. C. PLUMLEY AND ALVA L. SCOTT, AUCTS.

SEND BIDS TO D. M. PIERCE REPRESENTING THIS PAPER IN MY CARE.

DISPERSION SALE OF THE ELM GROVE HEREFORD CATTLE

AT LAREDO, MO., FRIDAY, SEPTEMBER 28, 1906.

45 Head of Recorded Herefords 45

::::

90 Head of High Grade Herefords 90

THE PURE BRED CATTLE.

8 BULLS My herd bull, Prince 182194 got by the prize-winning Prince Rupert that made circuit in 1905, and seven Short-horn yearlings. These are of the herd-heading sort.

37 FEMALES Twenty-four cows, seventeen with calves at foot, seven two-year-old heifers and six yearling heifers. All females of breeding age will be bred to Prince or will have calves at foot. Many of these are rebred. Several of show-yard character. Twenty-four head of the offering were got by Kruger, he by Improver and out of a daughter of Corrector. Others are rich in the blood of Beau Brummel through Beau Donald, Gentry Briton 6th, Wilton Anxiety, Pablo and other noted sires. Many of the cows were bred by such breeders as Overton Harris, C. G. Comstock & Son, Cornish & Patton and W. H. Curtis. The individuality of the entire herd will compare favorably with any lot to be sold this year. Not a shy breeder or an inferior animal is cataloged.

HORSES

Consist of ten head well bred and a useful lot. Two draft brood mares, seven and eight years old. One family driving horse seven years old. One high-class driving mare five years old. Three two-year-old high-grade colts and one eight-year-old saddle pony; no better saddle and cattle pony in northern Missouri. These horses are in good market condition, sound and well broken, excepting the two-year-olds.

THE GRADE CATTLE

Are the fruits of fifteen years' experience in breeding up a set of brood cows, the product of which have been market toppers for the last six years on the Chicago market.

30 BREEDING COWS That look like pure breeds, with good backs and individual merit. Every one a prolific breeder.

30 YEARLINGS Eighteen head of steers and twelve head of heifers that will make car lots of show stuff.

30 CALVES All like "peas in a pod," and with quality unsurpassed.

This sale is the final wind-up of my fifteen years as a breeder of both registered and high-grade Herefords. I would not part with them, but my business interests in town compel me to leave the farm. My entire herds of pure bred and high-grade Herefords go, and at your price. You are cordially invited to be with me sale day. The sale will be held under cover. For catalog address Harry Graham, Chillicothe, Mo.

W. A. MERRYMAN, LAREDO, MO.

COL. HARRY W. GRAHAM, SALE MGR.

BELLOWS AND GRAHAM, ASSISTED BY CARPENTER AND BAILEY, AUCTIONEERS.

Rood-Fessenmeyer "Big Poland China" Sale

Clarinda, Iowa, Saturday, September 29th.

50 HEAD---25 Boars---25 Sows---The pick of our two 50
Herds of Fall and Spring Farrow.

The originators of the **Giantess Blood** The famous big strain.

There will be several sons and daughters of Old Giantess in the sale, also several grandsons and granddaughters of the famous old brood sow. Some good matured sows and an excellent lot of fall gilts. Write for catalog to either one of us. Address

FRED L. ROOD,
CLEARFIELD, IA.

H. FESSENMEYER,
CLARINDA, IA.

H. S. DUNCAN, AUCTIONEER.

PFANDER'S SALE OF BIG POLAND CHINAS

At the Farm near Gravity, Iowa, September 26, 1906

50 Head in the sale. Three-fourths of the offering will be grand- 50
sons and granddaughters of Old Giantess.

Our offering will be the pick of 200 head. Model Giantess, the two-year-old daughter of old Giantess, will be the attraction of our sale, and out of the best sows to be sold this year. She sells with a litter of young pigs. Also has a spring litter of nine and a fall litter of seven in the sale. She is a profitable sow and is put in simply as an attraction. The spring pigs are all sired by Klever's Thick-set. Write for catalog, which is now ready. Address,

J. W. PFANDER & SON, - - GRAVITY, IOWA.

H. S. DUNCAN, AUCTIONEER.

A. F. RUSSELL'S SALE

of Duroc Jerseys

AT SAVANNAH, MO.

Thursday, Sept. 20

75 Head. 30 Boars, 45 Sows

THEY carry the blood of Tip Top Notcher, the world's fair champion, Ohio Chief and Buddy K IV, champion at Illinois state fair in '05. These are as popular and as well known sires as are found in the breed. The stuff listed for the sale are the top selections of 140 head. Parties from distance are requested to stop at Mitchell hotel. Free conveyance from Savannah to the farm. Write today for catalog.

A. F. Russell, Savannah, Mo.

Col. Jud McGowan, Auctioneer.

Cor. 11th Street and University Place
(One block from Broadway Cars.)

THE NEW

Hotel Albert

NEW YORK

A Modern FIRE PROOF Hotel—a dining room that is famous for its excellent food and moderate prices. Special Club Breakfasts, 30c, 35c, 50c—Lunches, 40c; and our Famous Course Dinners, 75c.

ROOMS. \$1.00

With Private Bath, \$2.00

With Detached Bath, \$1.50

Quiet and Comfort! Within easy walking distance of the Great Department Stores, Wanamaker's two minutes; Siegel Cooper's, eight minutes, etc. Easy access to all points of interest. Also close to WHOLESALE DISTRICT.

The Best Hotel in New York City
Guide Book of N. Y. City sent FREE on Request.

GRAND PUBLIC SALE

OF

SHORT-HORN ... CATTLE ...

AT

CLARENCE, CEDAR COUNTY, IOWA,
TUESDAY, OCTOBER 2, 1906.

On the above date I will sell 40 head of as good individual Short-horns as will be sold this season, at my farm two miles south of Clarence, Cedar county, Iowa. The offering consists of 30 cows and heifers and 10 bulls, all richly Scotch Topped with some of the best Scotch blood extant. All females bred to the Scotch bulls Victor Fashion 194906 and Scottish Spartan 257120. It is a grand aggregation of heavy milking breeding Short-horns. A large number of cows will be sold with calves at foot. A certified copy with each sale will be finished with each individual catalog. Parties from a distance will be entertained free of charge at the Cottage Hotel. Terms cash, but bankable notes will be accepted on six months time at 6 per cent interest. All lovers of good Short-horns are cordially invited to attend this sale.

E. COSGRIFF, PROPRIETOR,
CLARENCE, IOWA.

COL. GRIFF JOHNSON AND O. S. JOHNSON, AUCTS.

Attention is called to J. B. Brown's Short-horn sale at Solon, Iowa, Oct. 4, and G. H. Burge's sale of Short-horns at Mt. Vernon, Iowa, Oct. 5. Parties can attend all three sales without any inconvenience. Mention Homestead when writing for catalog.

Rhea Bros. ---- Percheron Horses.

We won the following premiums at the Nebraska State Fair, 1906:

- 2d and 4th on four-year-old stallion.
- 1st on three-year-old stallion.
- 2d, 3d and 4th on two-year-old stallion.
- 1st, 2d and 3d on yearling stallion.
- 3d and 5th on aged mares.
- 2d and 3d on mare colts.

Compare this with the official report. Don't take "peaches and cream" orders for authority. We have the above winners and the barns are full of others just as good. Come and see us and our horses.

RHEA BROS.,

ON THE C. & N. W. R. R.
25 MILES N.W. OF OMAHA

ARLINGTON, NEB.

ANDREWS' DISPERSION SALE

OF
ABERDEEN ANGUS CATTLE
AT
MARYVILLE, MO., MONDAY, SEPT. 17, '06

30 HEAD--7 BULLS--23 COWS

Five Blackbirds, 5 Prides, 9 Queen Mothers, 2 Ericas, 5 Heather Blooms, 5 Western Roses. The grand young Blackbird bull Black Magic of Homedale 2d is included and all females of breeding age are in calf to his service. My entire breeding herd goes.

C. D. HOOKER & SON
CONTRIBUTE 10 HEAD.

2 Bulls --- 8 Cows

These are good breeding animals. A representative selection from their herd. All of breeding age are in calf to either the show bull Blackbird Benton, or the great breeding bull Eraste. Write for catalogs.

W. W. ANDREWS, . . . MARYVILLE, MO.
Igo and Bellows; also F. O. Cabbage, the tent man, Auctioneers.
Hal T. Hooker and M. A. Judy, Sale Managers.

...LAST CALL... M. L. LOGAN'S SALE OF ...CRUICKSHANK AND CRUICKSHANK TOPPED... SHORT-HORNS

AT
LINEVILLE, IOWA,
TUESDAY, SEPT., 18TH.

44 HEAD

One-third are pure Scotch—Victoria, Secret, Athene, Aconite, Violet and Emma tribes. Victor Knight 177893, my great breeding bull, is included. In blood lines he is one of the best, as an individual and a breeding bull he is one of the best to be sold this year. His yearling son, Baron Victor 25011 and Scottish Archer 258515 are also attractions worthy of note.

The females have been selected from my breeding herd with the one idea of making such a sale as will pay breeders well to attend. I am including some of the best in my herd, and the buyers of both the pure Scotch and Scotch-topped sorts will find much in this part of the offering that merits the attention of those who want good cattle. All females of breeding age have calves at foot or are in calf to Victor Knight or Chief Cruickshank. Nothing but useful cattle cataloged, and I desire to have you as my guest sale day whether you buy or not.

M. L. LOGAN, LINEVILLE, IOWA.

Cols. Bellows and Graham, Auctioneers.

... SIXTH ... Annual Sale of Short-horn Cattle From WAYSIDE FARM.. MT. VERNON, IOWA.

On October 5th I will sell 35 Scotch and Scotch Topped females and nine of the best bulls I have ever been able to offer. This stock is by such or bred to such bulls as Acrobat 152554, Money Musk 186542, and Raphael 127581. A large per cent of the offering is Scotch including most of my show herd of 1906. More young herd bulls are offered in this sale than are usually offered in any sale. Watch The Homestead columns September 27th for sample Scotch pedigrees. Auctioneers, Col. Griff Johnson and E. S. Johnson.

Attention is called to the Short-horn sale of J. B. Brown at Solon, Iowa, October 4th and of E. Cosgriff at Clarence, Iowa, October 2d. These three sales are all in close proximity to each other. Write to George Burge today for a catalog.

DRAFT SALE OF SHORT-HORN CATTLE

AT
SOLON, IA., OCT. 4th.

42 Head From Waveland Herd. 42

Scotch and Scotch Topped, Lavenders, Gwendolines, Columbia or Claret, Miss Ramsden, Lovelys, Acanthus, Raspberry, Orange Blossom, Princess Royal, etc. Have been breeding short-horns 20 years. My entire Show Herd is included, 30 Females 12 Bulls. The best lot of bulls I ever offered.

Sale will be held at the farm 4 miles southeast of Solon.

J. B. BROWN, Owner,
SOLON, IOWA.

COL. GRIFF JOHNSON, AUCTIONEER.

E. Cosgriff sells Short-horns at Clarence, Ia., Oct. 2d.
G. H. Burge sells at Mt. Vernon Oct. 5th.

FOUR GREAT SALES

Choice Breeding Cattle DURING THE
American Royal Live Stock Show
At the Stock Yards . . . Kansas City, Mo., OCT. 6-13, '06

60 Aberdeen-Angus Will Sell Tuesday, Oct. 9 For catalog address, W. C. McInvoch, Springfield, Ill.	60 Short-horns Will Sell Wed. Oct. 10 For catalog address, H. O. Cowan, 17 Exchange Ave., Chicago	60 Galloways Will Sell Thurs., Oct. 11 For catalog address, Clas. Gray, 17 Exchange Ave., Chicago	60 Herefords Will Sell Friday, Oct. 12 For catalog address, C. R. Thomas, 221 W. 12th St., Kan. City, Mo.
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Not a Cull in the Lot

SALE BEGINS PROMPTLY AT 1 P. M.

Sides of pure bred swine will be held as follows: Poland Chinas, October 9, Herkshires, October 10, For catalog address, L. E. Frost, Springfield, Ill. Duroc Jerseys, October 11, For catalog address, Thos. L. Williams, Dawn, Mo.

Double Standard POLLED DURHAM CATTLE

To be Sold at Public Auction
OCTOBER 5, 1906

In the Stock Yards, South Omaha, Nebraska, at
1 O'clock P. M.

50 Head of Cows and Bulls

M. Rau, Harlan, Iowa; D. L. Pond, Inman, Neb.; John Renswick, Boyden, Iowa; Shaver & Deuker, Kalona, Iowa, Contributors.

L. G. Shaver, Kalona, Iowa, Manager. Cols. Woods, Walker, Shaver, Auctioneers.

Rankin's Fall Duroc Jersey Sale

Carson, Ia., Sept. 28, 1906

35 or 40 Boars in Sale

Sired by
OHIO CHIEF
GLENDALE CRITIC
MISS BOB'S
WONDER
JIM'S GOLD DUST



I will offer a good bunch of sows and gilts, some of which are sired by Ohio Chief, and other well known boars. The blood of the greatest sires of the breed will be represented in my sale.

There will be fall and spring boars in the offering, and some good herd heading prospects. Write for my catalog, it is now ready. Address,

COL.
UTHER,
AUCTIONEER.

W. A. Rankin, Carson, Ia.

ED. HOLMES' CLOSING OUT POLAND CHINA SALE

At farm 6 1-2 miles northwest of Bedford, 2 1-2 miles southeast of Ladoga, 4 1-2 miles southwest of Gravity, Iowa,

THURSDAY, SEPTEMBER 27, '06.

Brood Sows,
Sows with
Litters,
Yearling
Sows,
Spring Gilts.

I AM moving to Canada, so everything goes. Sows that I have refused to price heretofore go with the rest. Daughters of R's Claud, Mo. Perfection, P. W. Perfection, Big Shamrock and one sow out of Anna Price, a full sister to old Gintessa. I will also sell Mo. Perfection, considered the best boar ever used in southern Iowa. Here is your chance to get Poland Chinas at your own price. You had better attend my sale and secure some of these bargains. Catalog now ready and will be sent on application.

Herd Boars.
Missouri Perfection, Big Shamrock, Cleansweep R's Claud and a good lot of spring boars.

ED. HOLMES, - - - BEDFORD, IOWA.
DUNCAN BROS., AUCTIONEERS.

WHEN WRITING TO ADVERTISERS PLEASE
MENTION THIS PAPER.

GARRETT & SONS' POLAND CHINA SALE

AT FARM NEAR

Maryville, Mo., Tuesday, September 25th

4 Fall Boars. 15 Fall Gilts. 21 Spring Boars. 20 Spring Gilts'
and the Great Brood Sow, Miss Allerton 65280.

We desire to call special attention to Miss Allerton and her fall litter of two boars and six sows, got by the late I Am Sunshine, and to the cross of Proud Monarch on I Am Sunshine sows, or the reverse cross. These great breeding boars are the sires represented. The dams are Allerton, Tecumseh and Doyle's Tecumseh sows. We have the size with quality and those looking for herd headers or some of the grandest sows ever sold at auction should come to our sale. We have them and will be proud to show you. Write for catalog, mentioning this paper.

Duncan Bros., **W. T. Garrett & Sons, Maryville, Missouri**
Auctioneers.

The Joe Young Herd Poland Chinas.



PUBLIC SALE, MADISON, NEB., SEPT. 29

50 HEAD CHOICE BOARS AND GILTS 50
all spring and fall farrow,

Sired by Grand Moss Chief 39875 and
My Price 34574, one of the biggest-boned hogs in the state. Write for catalog.

YOUNG & DUNCAN, MADISON, NEB.

JERSEY CATTLE.

JERSEY CATTLE DESIRABLE YOUNG BULLS

Got by Emmon, champion at Sioux City, Iowa; The National at Chicago in 1905 and at the Iowa State Fair, 1906. These are from imported and St. Lambert cows. Write now if you want butter-bred Jerseys.

HUNTER & SMITH, BEATRICE, NEB.

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1203.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address, G. W. Sharp, Marble Rock, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.
F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 imports. Onk Lodge Minstrel 8th 1855 and O. L. Fessler 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not a kin. Now booking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not a kin to stock sold in previous years. We have the numbers and quality; try us for prices. Will have an exhibit at the Iowa, Minnesota and South Dakota state fairs. Address, Thomas H. Canfield, Lake Park, Minn.

CORN-BELT Yorkshires, I have been using mature breeding stock for years, and have size, quality and proficiency. All sows in herd averaged better than 11 pigs per sow this spring. (Everything that does not come up to a high standard is unsexed.) Males and females not a kin for sale. Some extra good Poland Chinas for sale also. Jus. Atkinson, Des Moines, Ia.

LIVE STOCK AUCTIONEERS.

A LIFETIME IN THE CATTLE BUSINESS.
GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

O. L. MOSSMAN, POLK CITY, IOWA.
"THE auctioneer that makes good." Sales held everywhere. Write for dates; am booking them every day. Terms right. Phone 4L13.

LIVE STOCK AUCTIONEERS.

FRED REPPERT, DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



GEO. P. BELLOWES

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

Col. Judd McGowan CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

WELL READ Auctioneer, I will sell all breeds of cattle or hogs. I have been breeding pure bred hogs for years and am well posted on pedigrees. My knowledge of the pure bred business enables me to give able assistance. My former work representing live stock journal has given me inside on good offerings. Prices reasonable. Col. B. Page, Friend, Neb.

C. C. KEIL, LADORA, IA., LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

J. WEST JONES, LENOX, IOWA. CAREY M. JONES, DAVENPORT, IOWA.
IOWA'S LIVE STOCK AUCTIONEERS.
Write before claiming dates.

A. V. LOCK, REMINGTON, INDIANA.
Live Stock Artist.
Work satisfactory. Prices reasonable.

HORSES.

WOULD LIKE TO SELL OR EXCHANGE.

AN imported black Percheron Stallion, 8 years old, weighs 1700 pounds. Parties owning this horse would like to exchange him for stallion of same breed. For further information address
JOHN MARTEN, SECA, PROLE, IOWA.

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.
Henry Lefebure, Linn Co., Fairfax, Ia.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

FULL sale, 25 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bibb & Van Patten Creston, Iowa

When writing please mention this paper.

NEBRASKA'S GREAT THREE-DAY SALE

IN THE NEW SALE PAVILION

Wisner, Nebraska, September 20-21-22, 1906

Short-horns, Herefords, Poland Chinas

The Greatest Three-Day Sale Ever Held In Nebraska.

50 Head Short-horn Cattle 50

Thursday, Sept. 20th.

From the Herds of

S. S. Hall, Pender, Neb.
J. O'Kane, Bancroft, Neb.
Theo. H. Serck, Pender, Neb.
J. R. Mansfield & Son, Wisner, Neb.

14 BULLS. 36 COWS AND HEIFERS.

MR. S. S. HALL, of "Hall's Haven" Stock Farm, Pender, Neb., will sell 30 head; all of which are females, except one young bull. These cows are the large, table-backed kind, with lots of scale and are good individuals. A great many will have calf at foot by Oliver Gloster, and nearly all will be bred back to his present Scotch bull, Morning Star 43730.

THEO. H. SERCK sells 11 head; 4 bulls, including his great breeding bull, Merry Lad 160921, by Imp. Merry Hampton, out of a daughter of Lavender Lad; 7 females, some of which will have calf at foot by Merry Lad.

J. R. MANSFIELD & SONS will sell 8 splendid young bulls, all sired by the noted Nonpareil King.

J. O'KANE sells one good yearling bull.

CATALOG now ready. Address any of the above breeders, or

Col. Geo. P. Bel-lows, Auctioneer. S. S. Hall, Mgr., PENDER, NEB.

40 Head Hereford Cattle 40

Friday, Sept. 21st.

From the Herd of

J. G. Von Seggern, Wisner, Neb.

THE blood of the Grove 3d, Anxiety 4th, Hesiod 29th, Lamplighter, Anxiety, Monarch and other great bulls represented.

13 BULLS. 27 COWS AND HEIFERS.

THERE will be sons and daughters of the great bull Columbus 25th 100912, considered the greatest son of old Columbus, in the sale. Twelve cows in the sale will be bred to him, and eight cows will have calf at foot by him.

A LARGE per cent of the offering will be grandsons and granddaughters of the great bull Lamplighter and Hesiod 29th and will be one of the most representative lots ever sold in the West.

THE BULLS range in age from 8 to 34 months and are a representative lot, and are bred along the most popular lines.

THE COWS AND HEIFERS are as good as has ever been sold in the West. All females old enough will have calf at foot or will be bred and well along in calf.

WRITE for catalog and come to the sale.

Col. Geo. P. Bel-lows, Auctioneer. J. G. Von Seggern, WISNER, NEB.

50 Head Poland Chinas 50

Saturday, Sept. 22d.

From the Herd of

Dr. H. Pritchard, Wisner, Neb.

THE HOME of the large, heavy boned Poland Chinas, combining size and quality.

20 YEARLING SOWS, 15 FALL GILTS.

15 FALL BOARS.

BIG TOM 2D 76069 My 1,000 pound herd boar.

WISNER CHIEF 76067 One of the best sons of Chief Tecumseh 3d.

PERFECTION KEEPON 112113 One of the best sons of Chief Perfection 2d.

IF it is size and quality you want, then come to my sale. You will see as good a bunch of boars and sows as has ever been sold in the West. Catalog now ready.

Col. Geo. P. Bel-lows, Auctioneer. Dr. H. Pritchard, WISNER, NEB.

Drafts from the above herds will be on exhibition at the Wisner Live Stock Show, Wisner, Neb., Sept. 12-14.

(PLEASE MENTION THE IOWA HOMESTEAD WHEN WRITING FOR CATALOG.)

HORSES.

THE WENONAS' GREAT STUD

HAVING concluded a change in placing stallions before the public on account of the unsatisfactory business methods by the so-called salesmen, we will sell entirely from the barns. Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and the great expense of selling also the unsatisfactory manner in which sales have been conducted. The long time notes, from three to five years have to be discounted enormously or carried by the seller making the cost of the stallions to the buyers or the companies from \$2,500 to \$1,000. Our desire now is to sell our entire STUD at our barns in Kansas, Pullman, Washington, and at our headquarters at Wenona, Illinois.

From \$800 Good American Bred Stallions from \$800 to \$1,000
to \$1,800 First Class Imported Stallions from \$1,200 to \$1,600
Choice \$1,800

THESE are the prices at our barns in Kansas and Illinois. Prices at the Great Western Barns, apply to M. C. Grey, Pullman, Washington. We ask all intending purchasers to visit our stables where we have over 300 head of stallions to select from and do not be misled by the so-called salesmen who have been the cause of the unsatisfactory business done in the stallion trade to the buyer as well as the seller. We have told you of our change of selling stallions, now we will tell you what we have on hand, SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS, over 300 of the BEST. We will show at Springfield, Ill., SIXTY HEAD and at Hutchinson, Kan., of which THIRTY HEAD will be two-year old PERCHERONS and we know no one on earth can show colts of such size, weighing now after just landing over 1,500 pounds each. Come to Wenona and deal with BOB BURGESS who has been in the business over 32 years, longer than any man in the stallion business and we guarantee to make every deal satisfactory to you and save you from \$1,000 to \$1,500 by dealing with us. Get your guarantee and insurance direct from our headquarters. Visit our barns, see our exhibits at the different state fairs and see the class of horses we are selling for the money. The reason that we ask the above of you is that BOB BURGESS is the oldest importer in the business, the largest importer and have the quality of stock that will suit the people, perfectly good for their guarantees and will sell to you cheaper than anyone in the business. COME TO THE BARN AND GET THE MOST REASONABLE TERMS THAT CAN BE OFFERED.

ROBERT BURGESS & SON, WENONA, ILL.

W. A. LANG & CO., - GREELEY, DELAWARE COUNTY, IOWA.
IMPORTERS AND DEALERS IN
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH
AND STANDARD BRED STALLIONS.

WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No old, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write.

Greeley Horse Importing Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT, GREELEY, IOWA.

When writing please mention this paper.

LAKEWOOD - FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

For Sale Cheap.

SIX full-blooded and high-grade 2-year-old English Shire stud colts, sired by a 2,200-lb. black Shire horse and out of mares weighing from 1,600 to 2,000 lbs.; good color, bone and large. Also four coming yearling butter-bred Holstein bull calves. Also prolific Duroc Jersey Red swine. Write for circulars. Wm. H. Schnelle & Son, Lemonville, Mo.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hurt Bros., Osceola, Iowa.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Douthett and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Erices, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Juni and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

TIME HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201, Nigget of Cottage Grove 2d 19066, Lowlander 21890 and Newton Jiero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

BERKSHIRE HOGS.

Rookwood Berkshires.

A CHOICE lot of early boars and gilts for sale. Superior breeding, unusual size and quality. Also two good Scotch bred Short-horn bulls, six to ten months old, fit to head good herds. Address,

ROOKWOOD FARM, AMES, IOWA.
C. F. CURTISS, PROP., JOHN W. OGLE, MGR.

Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine? A boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dishd face. I will do it at farmers' prices.

W. D. McTAVISH, CORRON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

BERKSHIRE HOGS.

I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.
JOHN C. MILLER, - Harlan, Iowa

POLLED DURHAM CATTLE.

F.A. MURRAY, MAZON, ILL.

BREEDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for Sale.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteron 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Erices, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

IOWA ABERDEEN ANGUS CATTLE.

IF Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones. Pride, Queen Mother, Favorite, etc. Our herd bull, Proud Blackcap 39946, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice cows and heifers cheap. Twenty years breeders of Daddies.

ALLEN BROS., NEW SHARON, IOWA.

10 Aberdeen Angus Bulls For Sale 10 12 to 14 months old.

Will sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Iothemic Queens, etc. Address,
JOHN E. GRIFFITH, WASHINGTON, IA.
(Mention Homestead.)

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number of growthy, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d. Rosenfeld & Siverly, Kelley, Story Co., Iowa.

12 Head Aberdeen Angus Bulls For Sale OF the Blackbird, K. Pride, Trojan Erica and Queen Mother families ready for service. Will be priced right. Herd headed by Prince of Pilsen 59249, weighing 2020 lbs. and as active as a cat, sired by Crane-wood Black Knight 39477, sold at the Miller sale for \$2,000. Address, WHITE BROS., PERRY, IOWA.

FOR SALE

A BERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address,
JAMES SPEAR, STANWOOD, IOWA.

CLOSING OUT SHORT-HORN SALE

Imported Straight Scotch and Pure Bates Short-horns

LAMONI, IOWA. SEPTEMBER 27, 1906.

60

Head in the sale. Twenty-eight calves at foot. Twelve pure Bates females, besides a grand lot of Imported and straight Scotch cattle, two herd bulls and a choice lot of young bulls.

60

Lot 4 Imp. Crescent 8th
Roan; calved May 16, 1898; Imported from the late W. S. Marr by W. D. Platt, recorded in Vol. 51, page 712, A. S. H. R.
DAMS. Got by Prince of Fashion (64587) W. Duthie
Crescent 4th Sovereign (61811) A. Cruickshank
Crescent 2d Gondolier (52956) A. Cruickshank
Crescent General Windsor (28701) T. Willis
Circassia Champion of England (17526) A. Cruickshank
Cicely Lancaster Royal (18167) A. Cruickshank

Lot 6 Imp. Princess Fame
Roan; calved Dec. 9, 1901. Bred by Wm. Ross, Aberdeenshire, Scotland. Vol. 67, A. S. H. R.
DAMS. Got by Prince of Fame (81386) James Durno
Imp. Princess 5th Scottish Prince (73593) Wm. Duthie
Princess 2d Fortunatus (76708) D. C. Bruce
Pussy Knight of the Border (76977) A. Cruickshank
Climax Vermont (47193) A. Cruickshank
Clementia 8th Golden Prince (38363) S. Campbell

This is a closing out sale, owing to sale of our farms. The cattle will be in nice condition, and the females are all good breeders. We will sell *Gay Hampton 212202*, one of the best sons of Hampton's Best, besides our pure Bates bull, and a choice lot of young bulls. We are offering one of the best lots of Scotch, imported and pure Bates cattle that will be sold this year. Catalog now ready. Write for it, and kindly mention this paper. Address,

Col. Geo. P. Bellows, Auctioneer.

Lot 7 Stakeholder Princess
Red, little white; calved March 19, 1904. Vol. 67.
DAMS. Got by Stakeholder 163697 M. E. Jones
Imp. Princess Fame Pride of Fame (81886) 195714 Mr. Durno
Imp. Princess 5th Scottish Prince (73593) Wm. Duthie
Princess 2d Fortunatus (76708) D. C. Bruce
Pussy Knight of the Border (76977) A. Cruickshank
Climax Vermont (47193) A. Cruickshank

Lot 2 Fairholme Jewel 228970
Red; calved March 24, 1904; owned by A. D. Sears & Bros.
DAMS. Got by 11th Duke of Fairholme 192735 A. H. Jones
Waterloo Duchess of Hazel's 2d Oxford Duke of Calthwaite 3d 94089 J. Harris
Water Girl of Glen Echo Waterloo Clarence 101245 T. C. Anderson
Water Girl 8th Baron Eates 12th 37541 T. J. Megibben
Water Girl 2d 5th Lord of Oxford (31728) S. Campbell
Imp. Water Girl Grand D. of Waterloo (28766) Fitz Harding

PETERSON BROTHERS, LAMONI, IOWA.

ABERDEEN ANGUS CATTLE.

10 Angus Bulls 10

For Sale

10 to 20 Months Old. All Good Ones.

ERICAS, ZARAS, QUEEN MOTHERS, GREYSTONE PRIDES and other females by such sires as BLACK JAM 3D 30709, IMP. ABERLOUR 41201, BELL'S ECLIPSE 3D 57424, QUOQUE 46102, LEON ARTIST 33619.

H. H. Trimble Herd, Bloomfield, Iowa.
Address all communications to
O. D. WRAY, Bloomfield, Iowa.

Seeley Doddies

BLACKBIRD to the first prize yearling bull at the World's Fair heads the herd, composed of the best families of the breed. We invite you to see them on Springdale Stock Farm joining this city.

W. B. SEELEY,
Mount Pleasant, Iowa.

Pleasant Hill Herd of Aberdeen Angus.
STOCK for sale of both sexes, sired by the great
Pride bull, Baltimore of Glendale 24275.
J. Nissen, Meservey, Cerro Gordo County, Iowa

HEREFORD CATTLE.

BEAU BRUMMEL

4TH 194318.

1st prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull.

G. W. Way & Son,

New Sharon, Iowa.

Mention Homestead when writing.

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Juvy. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

W. L. Dodge, Hubbard, Neb.

WILLOW GROVE HEREFORDS

COLUMBUS 25th 109912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

BULLS FOR SALE! BULLS REGISTERED HEREFORDS!
B. F. CLARK, ALBIA, IOWA.

CHESTER WHITE HOGS.



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Model Herd Chester Whites

W. F.'s MODEL 12101, A WINNER. He won second place in class at Iowa State Fair, 1906, and is proving himself a great breeder of size and quality. For Sale, 30 strictly choice boars, March, April and May farrow, sired by W. F.'s Model 12101, Seducer 12387, All Right 11789 and others. Guaranteed as represented. Am booking orders to be shipped when wanted. **W. F. Hemmerling, Dike, Iowa.**

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.
O. H. LEWIS, GENEOSE, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good full boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. **Ernest L. Mear, R. R. 1, Neponset, Ill.**

KERR'S O. I. C. 'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Chief and Big Mary, will predominate. If interested write me about them. Address,
O. L. KERR, INDEPENDENCE, MO.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. **Geo. H. Lawshe, R. 3, Harlan, Iowa.**

BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,
J. L. BARBER, R. R. 3, HARLAN, IOWA.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the lot of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the lot of Col. Cody, Crescent King, Kaiser and Perfection. **FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.**

SOME CHESTER WHITE BARGAINS.
10 FALL YEARLINGS, 100 FEBRUARY, March and April farrows ready to ship. Our herd hog weighs 900 pounds now. These pigs are of the best breeding strains that money would buy. We ship on approval. Prices right.
E. L. NAGLE & SON, Deep River, Iowa.

SANGAMON HERD O. I. C. SWINE
200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.
J. F. HALL, Mechanicsburg, Ill.

MY SPECIALTIES
CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.
N. A. RANCK, NIOTA, ILLINOIS

CHOICE Chester White Boars, sired by Hobson 11969, and King Leader 12235. Prices, \$15.00 to \$25.00. Write me your wants. **Jas. C. Weber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.**

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices. **F. Ruehush, Good Hope, Ill.**

HEREFORD CATTLE.

Breezy Park Herefords
Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.
H. C. CUNNINGHAM, WESTON, MO.

HEREFORD CATTLE.

Wheeler's Table Backed Herefords
Bulls, cows and heifers for sale. Poland China and Burce Jersey males and females for sale. Prices low, try me.
W. W. Wheeler, Box H, Harlan, Iowa.

CHESTER WHITE HOGS.

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, tall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,
F. P. & J. J. Hardin, R. 6, Lima, O.

O. I. C. SWINE

50 SMOOTH, rangy, heavy-boned Spring Pigs for sale. Fine sows and boars for sale.
THOS. GORMAN, AVERY, IOWA.

SHADY LAWN HERD

OF CHESTER WHITE HOGS.
A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, **JOHN LEFEBURE, FAIRFAX, IA.**

Mack Stevens & Sons, Iowa City, Ia.

BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.
JNO. CRAMER, BEATRICE, NEB.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHOICE CHESTER WHITE BOARS

FOR sale ready to ship. Also my herd header Gold Chief record No. 1297. Write me German or English. **J. M. Janssen, P. O. Box 627, Sibley, Iowa.**

POLAND CHINA HOGS.

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by R's Keep On 92219, half brother to Prince Alert and Impudence, sweepstakes boars Iowa State Fair '04 and '05, and Iowa Chief by Ed Klever's Thicket. The best Thicket boar in the west. These pigs are from mature dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn Bulls, 12 to 14 months old, cheap. **Bred Sow Sale, Feb. 12, '07.**

RUEBEL BROS., ROCKWELL CITY, IA.

LARGE Growthy Polands. I have the hog that is a hog. If you want sized bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by expansion is also sire in use. Pigs will please you. Write me before placing your order. **J. T. Elerbeck, Beatrice, Neb.**

My herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Do Do, and Blain's Tec. Everything guaranteed a breeder.
Robt. J. Peckham, Pawnee City, Neb.

THREE good yearling Poland-China Boars for sale. Thicket's Best 109391, length 54, heart 35, flank 58, bone 8 1/2 inches, weight 375. Thicket's Improver, length 53, heart 56, flank 53, bone 8 1/2 inches, weight 360. Corrector's Best 109373, a grandson of old Corrector. Address
W. W. WHEELER, HARLAN, IA.

PATRIOT HERD POLAND CHINAS.
We offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Nancy Perfection 25439. Write for price and catalog.
Wm. L. & Sons, R. 1, South Omaha, Neb.

POLAND CHINA HOGS.

HERD HEADED BY THREE GREAT
POLAND CHINA
HERD BOARS.

L's Chief 34055, won first in aged class at Iowa State Fair in 1896, and grand sweepstakes over all breeds and classes by a unanimous vote of all exhibitors. He weighed 900 lbs. at two years old and 1,000 lbs. at three years. He is the greatest hog living today. **L's Tecumseh Again 51211**, the largest boned and the best all around son of the World's Fair hero, **L's Tecumseh 20499**. **J. H. Sanders' Best 43981**, the first choice get of the great show hog, **J. H. Sanders**, that won four first premiums, including sweepstakes, awarded at the Chicago World's Fair in 1893. **100 Top Spring Pigs** for sale at \$12 each, sired by the above herd boars. Catalog free. Reference—Montezuma Savings Bank.

REUBEN E. SANDERS,
Proprietor Pull Moon Herd Poland Chinas,
R. F. D. 1, MONTEZUMA, IOWA.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE,
IOWA STATE COLLEGE, AMES, IOWA

CHOICE
POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by **H. G. Perfection**, be by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hanner bred ram, Hanner 192071 for sale.

W. G. Griffith, McNabb, Ill.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. **H. S. Chapman**, Pawnee City, Nebraska.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are 41 boars.

J. C. Hoag, - - Manson, Ia.

CLOVER LAWN POLANDS.

I F you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.

JOHN R. TRIGGS, DAWSON, NEB.

HAMAKER'S large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs notakin. If you want size and finish with the blood lines, I have it. The farmer's cry for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. **G. S. Hamaker**, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

DORR'S POLAND CHINA BOARS.

115 SPRING pigs, 17 cracking good fall boars sired by Dorr's Tecumseh, Keep On and Indiana King. My prices are within reach of all.

HENRY DORR, REMSEN, IA.

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.

DR. H. PRITCHARD, - WISNER, NEB.

Poland China Boars

A T Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. DAVENPORT, HELMOND, IA.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneeda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Hamilton's Royally Bred Polands.

MY last sale averaged over \$200 per type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.

L. W. Hamilton, Kearney, Neb.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogil, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall.

Jno. J. Schmal, Sutton, Nebraska.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

Geo. E. Patch, Blainville, Illinois.

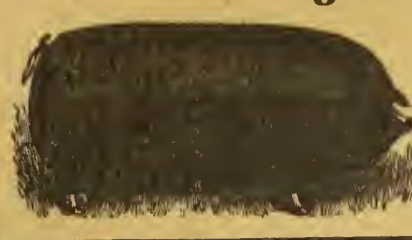
ESCHER'S BIG POLAND CHINAS.

I AM now ready to price the best lot of fall and spring pigs I have ever raised, sired by my 1,000 lb. boar Gay Monarch.

E. F. Escher, Manning, Iowa.

POLAND CHINA HOGS.

The Joe Young Herd Poland Chinas.



25 Fall Boars---50 Spring Boars.

Sired by Moss Chief 39875, one of the best grandsons of Chief Tecumseh 2d; My Price 34575, one of the biggest boned hogs in the state; Matchless Perfection Jr., the Interstate sweepstakes boar; Oakland's Prospect and T's Tecumseh, two of the best sons of the famous Blain's Tecumseh. Don't fail to write us. We can fill your order to your satisfaction. Address,

YOUNG & DUNCAN, MADISON, NEB.

30 FALL BOARS 40 SPRING BOARS.

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy, and Correct I Know. Write us at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.



200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of match size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

F. H. LONG, MANNING, IOWA.

BRIDGFORD & NESBITT, ALEDO, ILLINOIS.

WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrow which we will price at reasonable figures. Also a few extra good fall boars; strong, vigorous, heavy-boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

F. G. Thackaberry, EVERGREEN Fine Stock Farm.

TAMPICO, ILLINOIS

BREEDER of Poland China swine of the most

fashionable strains and popular families. 50 spring pigs of exceptional merit for sale at reasonable prices. Oxford Down rams from imported sire and dam will be priced right considering quality and breeding. Correspondence and inspection solicited.

Pioneer Herd Poland China Swine.
W. Z. Swallow, Booneville, Ia., Proprietor.
I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd leading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

DEFENDER

9847 by Corrector 26466 out of Margaret 71726. For sale or exchange, a yearling by L's Keep On. Also spring boars by Defender out of well bred dams. Lengthy, broad backed, heavy boned fellows, \$15 to \$20. American, Adams and U. S. express. C. A. Steele, Ogden, Iowa.

Sandquist Bros., OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

FOR SALE.

30 CHOICE fall Poland China boars sired by King Perfection 89209 and Model Perfection 94199 with good bone and length. Prices \$20 and \$25.

GEORGE REGENNITTER, BENNETT, IOWA.

When writing please mention this paper.

When writing please mention this paper.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Horn, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE" LYNDAL SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1903 sale and Champion of Lyndale head Short-horn herd. Females are Victorias, Secrets, Butterflies, Lavenders, also a few Young Marys and Rose of Sharon. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

Visitors always welcome.

A. F. GRAVES, KING CITY, MO.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, - - ILL.

WOODLAND SHORT-HORNS

DISPERSION SALE

October 18th, at Washington Court House, Ohio. Write for catalogs to

W. I. WOOD, Williamsport, Ohio.

SHORT-HORN CATTLE.

Malaka Short-horn Bulls.

FOR sale 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All 1800's. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

4 Good Young Short-horn Bulls For Sale.

Sired by Victor Maple 203379 he by Grand S Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

BARON FOXGLOVE FOR SALE.

I WILL sell at a bargain the superb 2-year-old Scotch herd bull Baron Foxglove. Sired by Imp. Fancy's Pride. Dam Cherry Foxglove. He is very smooth and in this breeding form weighs 1,500 lbs. He is of the Cruickshank Brawlin Bud family.

E. R. Silliman, - - Colo, Ia.

WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE

A T the head of our herd stands the noted Imp. Lov. at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (148183), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address,

Flynn Farm Co., R. R. 5, Des Moines, Ia.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 14755 and Sentinel 12782. Cattle are right; prices are right. Address as above mentioning The Homestead.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH-BULL, 3 SCOTCH-TOPPED.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Prince, a grand good bull, a herd header. Write me quick.

J. D. McDERMOTT, - ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

C. F. Robe, Jesnp, Iowa.

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Will sell 50 head quick. Farmer's prices. Come or write.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, - - - Fairfax, Ia.

FOR SALE Conqueror Best 132910. The best bred

Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve bred Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1895, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42553, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

SHORT-HORN CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-15952. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Faria five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER

Kalona and Wellman, Iowa.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

BLUFFVIEW SHORT-HORNS

TWO straight Scotch bulls for sale; one four years old, by Imp. Red Light out of an imported cow. The other will be one year old in August, a Brawith Bud. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Scotch Bulls

Got by Imp. Mutineer 172547

A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 16th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

A. C. BERRY, UNIONVILLE, MO.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 13649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Moutath 24, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to breed Sittytown Sort heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

Wildwood Short - Horns
ALL REDS AND DEHORNED

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 238043 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

HENRY MATERN, - LOSTANT, ILL.

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

F. H. WIENEKE, Marion, Iowa.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 208994 (both Missies) and Superline 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAVIS & SON, HARIAN, IOWA

DUROC JERSEY HOGS.

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding,
Macedonia, Ia.
PUBLIC SALE,
October 3, '06

At which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.



O. E. Osborn,
Weston, Ia.
PUBLIC SALE,
October 4, '06

At which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

THE IOWA STATE FAIR
SWEEPSTAKES BOAR

HEADS my herd. He is the greatest son of Crimison Wonder I Am. I am offering a choice lot of boar pigs by him. You will have to come quick.

H. S. ALLEN, - RUSSELL, IOWA,

ANNUAL DUROC SALE.

DRAFTS TAKEN FROM THE ZALIA STOCK FARM.

THURSDAY, SEPT. 20, 1906.

30 READ choicely bred individuals, sired by Pilot Onward 22421 tracing to Marti 4896a, King Fox 32263, Perfection Advance 41429 and other well bred individuals. This offering is growthy, good boned, and possesses quality. Dams of these pigs are the leading strains of the herd. Send for catalog. Aim to attend.

A. W. H. ORR, LORIMOR, IOWA.

CRIMSON WONDER I AM 34697

CHAMPION AND SIRE OF CHAMPIONS. A choice lot of boars and gilts by this great sire for sale. Some excellent prospects in the herd. Address,

U. G. DAVIDSON, - - - MANSON, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 1145260. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar Sale Oct. 2. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address,

JOHN WRIGHTON, AUDUBON, IOWA.

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Echo,
Sow sale February 25. } Inspection invited. 125 pigs. Write us.
W. A. STAPLES & SONS, - - - GLIDDEN, IOWA.

GRAND VIEW DUROC JERSEYS.
BOARS by Crimison Wonder Jr. 41103 and Chief I Am
Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.
F. M. HUFF, R. 2, AFTON, IOWA.

DUROC JERSEY BOARS AND GILTS.
S IRED by Iowa Chief 37453, King Perfection 16235, Rosewood 31345, Cracker Jack and Roy Advance. Write your wants or come and make your own choice.
W. S. Penn, East Linn Farm, Springville, Ia.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

SHORT-HORN CATTLE.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the Imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, Iowa.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from twelve months old and upward.

JESSE BINFORD & SONS, ALHION, IOWA, or LISCOMB, IOWA.

GEO. BONEWELL,
GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horn bulls, 8 extra young bulls for sale. All reds; are of thick, beefy kind. One pure Scotch, a good one. 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Wimple Royal 241400, heads the herd. Would exchange him for a suitable bull to head herd. Address,

M. D. YARD, CRAWFORDSVILLE, IA.

BARGAIN in Short-horn cows and heifers with calves at side by D. S. P. Durbain bull. Few P. D. heifers 12 to 15 mo.; cheap; will be bred to one of the best P. D. bulls in the United States. Choice Poland China boars, two miles northeast of city, Jersey Ridge Road. P. S. & S. Barr, Box H. R. R. 4, Davenport, Iowa.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farms. Box 131, Independence, Iowa.

I HAVE THE TOPPIEST
OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

WHO IS J. A. RUSSELL?

WHY, he's the big red hog man at Corning, Iowa, that owns Tip Top Notcher Jr., and he sells two dandy litters sired by Proud Advance in his sale October 27, 1906. Drop card for catalog.

SUBURBAN STOCK FARM.

A CHOICE lot of Duroc Jersey fall boars for sale. A sired by Tip Top Notcher, Griff's Banner, a grandson of The Lad For Me; Big I Am. Write for prices

H. H. GRIFFITHS, BOWEN, ILL.

ALL OUR OHIO CHIEF PIGS

Reserved For Our Sale, October 15th. At which time we will offer a grand lot of herd Cracker 14202. We will sell our herd boar Corn

A. L. & U. S. G. LYNCH, MT. AYR, IOWA.

The Logan Valley Herd of Duroc Jerseys. DANIELSON 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandehon good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Lintier H., by Hambletonian (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

PILOT LAD 15153.

QD prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd head type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Brynn, R. R. 1., Neponset, Ill.

40 DUROC-JERSEY BOARS. 40

S IRED by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - - KENNARD, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$35 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

Pleasant Dale Stock Farm.

GEO. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 23, 1906, at farm.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either ear, \$6 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

DUROC JERSEY HOGS.

BUDDY K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER, PAWNEE, ILL.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 37331, Gern's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12846a, Choice Goods 22881, J. I. C. 38339, Buddy K. IV 20861, Indiana 20753, Manley Orion 30925, Cantline Boy 18319, The Great Conqueror 32581, Queen's Pride 40738a, Denver 11689, J. B. Jr., Big I Am 29895. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.

MCNEIL BROTHERS, BOWEN, ILL.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

QD prize boar in 18 months class Iowa Fair, 1905. 2 Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tleitsen, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

40 HEAD
FALL & SPRING
DUROC JERSEY
BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausau, Neb.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address

ALBERT HELL, LAKE CITY, IOWA.

25 Choice Duroc Jersey Boars

WE are now ready to price our best boar pigs. Write us at once.

Jos. Skinner & Son, Bedford, Ia.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm Lawn Top Notcher and Elm Lawn Orion. The dams are equally as well bred. If you want good, useful Durocs write me.

Chas. Sobotkin, - - - Cainesville, Mo.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, A sired by the great Orion J. 21655, Crimison Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices.

M. A. McWilliams, Wall Lake, Iowa.

Golder's Duroc Jerseys

A CHOICE lot of boars sired by my \$300 boar, Gold Dust Jim 2d. Pricing these right. Address,

J. S. GOLDER, SCRIBNER, NEB.

112 CHOICE DUROC JERSEYS 112.

S IRED by Duroc Challenger's Wonder 34637, Crimison's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

WELCH'S
POPULAR
PRICED
DUROC
JERSEYS

I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address,

S. I. Welch, Cherokee, Ia.

ALFALEA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection, 11571; some tried sows bred to Royal Prince 4191; that raised good litters last spring and are due to farrow in September, and a few full boars by Van's Perfection and Jumbo Chief 18899, for sale.

F. ALLDRITT, FRIEND, NEBRASKA.

PIONEER HERD DUROCS.

ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sire Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address,

Arch Brown & Sons, Waterloo, Nebraska.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid elow and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address,

Norris & Livingston, Kingsley, Ia.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address

W. A. RANKIN, CARSON, IA.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - - BLAIR, NEB.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.

F. A. STRONG, ORIENT, IA.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd Bull Expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.

SETTING SUN herd of Duroc Jerseys. 20 head of Feb. and March boars at prices that will sell them. Address, L. C. Welch, Bedford, Iowa.

DUROC JERSEY HOGS.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.
We have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We cut closely, slip out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906.
Kindly mention Homestead when writing.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kun't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.
H. C. YOUNG, LINCOLN, NEB.

Thos. Bennett,
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw, 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

DUROC JERSEY PIGS FOR SALE.

80 MARCH pigs by Roy Advance, Malcom's Model 2d, and Gold Standard. Also have four good fall boars and will sell Gold Standard, two years old. Have one litter by Manley Orion. Brood sows mostly by Billy K. W. J. Hartung, Maxwell, Ia.

MINNESOTA'S HERD OF DUROCS

FALL SALE—One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars—herd headers among them. Let me hear from you. Harmon Gruver, Brewster, Minn.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee, Dice & Garber's Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

A FINE HERD 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," it, J. Harding. "He should have borne blue ribbon." Price \$1,000. A. Wilson, Bethany, Neb.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Clond, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimson S. Wonder), Lott's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.
W. J. WENDT, MARCUS, IOWA.

BARGAINS IN DUROC BRED SOWS

I HAVE several sows bred for September farrow. Two are two-year-old and balance yearlings; in good condition, but not hog fat. Cheap, if taken at once. Also several spring pigs sired by Ham's Challenger and Theodore 2d. Address,
F. A. HAM, SARONVILLE, NEB.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and other boars.
CLAS, VAN PATTEN, SUTTON, NEB.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 26th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.
W. J. East & Son, Clay Center, Neb.

Greene County Herd Duroc Jerseys.
OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa, 50 big boar pigs ready to sell. Write mentioning this paper.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., 1st Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advance and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,
A. H. Easter & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

Sired by I Am Pottawattamie, a grandson of the great Nebraska Belle. Pericles and other noted boars. Our prices are always right. Write us, address,
J. W. Reynolds & Son, Defiance, Iowa.

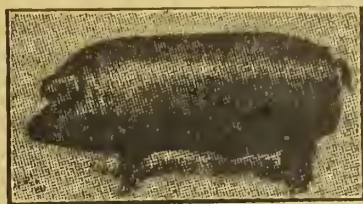
CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address
W. J. S. Titler, Homestead, Iowa.

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They arose by "Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,
GEO. W. SECKMAN, RIPLEY, ILLINOIS.



40 DUROC-JERSEY BOARS 40

Sired by 1st prize yearling boar at the Nebraska State Fair.
JUNIOR JIM, 1st prize brother to the great sweepstakes sow Alix 2d, that sold for \$740.
LONG ALIX, 2d prize yearling boar at Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair.
Pigs by other well-known boars. If you want a herd-header, write me.
AUSTIN RENSILAW, BLAIR, NEB.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Al-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address
W. D. PITTMAN, LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.
O. E. MICKEY, OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50188 by Jumbo Red 7974, a half brother to Ohio Chief. Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 18235; dam Paulina Queen II 86492, by Duroc Challenger 11162. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from us good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address
GRANT WHITE, AFTON, IOWA.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sows of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains.
T. A. McMAHON, CRAIG, NEB.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.
HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.
Fred Schweizer, Elwood, Ill.

EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp Prince Oedic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.
N. P. HAIGREN, VINTON, BENTON CO., IOWA.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.
HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,
C. T. ROGERS, PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's 1st, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birth place of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.
WATT & FOUST, CEDARVILLE and XENIA, OHIO

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.
Thomas & Hogsett, Golden, Ill.

SHELDON BROS.,

A NEW FIRM.
BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of blood quality of the Duroc breed. Nothing for sale until September. We will be at the leading State Fairs. Look for the Proud Advance herds.
Sheldon City, Iowa.
Successors to H. C. Sheldon & Sons.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants, J. S. Stonebraker, Walnut, Ill.

OAK VIEW DUROCS.

HOME of Helen Blazes II, the \$1,000 sow. I am offering for sale one two-year-old and one yearling sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. Address,
J. COY ROACH, GIRARD, ILL.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Soudell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd headers. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

DUROC JERSEY HOGS.

MAPLE AND LAWNSDALE DUROC JERSEYS.

HOME of Big I Am and Hambletonian, the two \$1,000 boars sired by Proud Advance and Veribest. Our spring pigs are moving out and will weigh 125 pounds, just in growing condition, sired by Big I Am, Tip Top Notcher, Perfection Chief and other herd boars. Also Scotch Collie pups ready to work. Write for description and prices or come and spend a day with us and see what we have. Free livery. Fall sale Oct. 24, bred sow sale Jan. 30, 1907.
Manlove Bros. & J. H. Morris, Bowen, Ill.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907

HOME OF

THE Lad For Me 10734A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,000 litter, and Ith C. 67204, dam of the first prize litter at Illinois State Fair, 1906. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagin, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$118.48.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Beat, the \$2,500 boar, 57 firsts and sweepstakes, prizes out of 68 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 18th.

JOHN M. MORRISON & SONS, COLLEGE VIEW, NEBRASKA.

Sutter's

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,
J. E. VEHR, PORTSMOUTH, IOWA

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.
F. M. ERSCHEN, Odell, Illinois.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.
HENRY G. WARREN, INLAND, NEB.

Minnesota's Prize Winning Duroc Jerseys

I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1906. The leading strains in herd, Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 160 pigs. Good ones. Write me your wants. Prices reasonable.
Wm. Malcolm, Bigelow, Minn.

MAY & PORTER,

REMINGTON, IND.

MAYOR'S CHIEF 4727 and Top Notcher Beet 37685 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Smith Brown's Duroc Jerseys

THE home of the winners, 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,
SMITH BROWN, Waterloo, Neb.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advance sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.
Edmonds, Shade & Co., Kingsley, Ia.

Are You Looking for a Duroc Jersey Herd Boar? I have the Good Ones
Scarlet Wonder 46319, by Pericles, dam by the great Tolstoy. Carmine Wonder 46321 by Tolstoy. Also a boar Challenger's Last. These are good ones. Come and see them. W. W. Wheeler, Harlan, Ia.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d surprise's Redeemer and a son of Duroc Challenger and Minerva U 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

CLOVER Blossom herd of Durocs. Herd headed by I. J.'s Chief 12455a, 4577th first in aged class at Ind. State Fair 1905. Col. Perfection 16135a, 4575th for sale—will make a good fall yearling show. Choice tried sows for sale bred to I. J.'s Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now looking orders for future delivery. Address,
A. E. POUSH, CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

GREENE HERD DUROCS, of the most fashion-

able blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

Merchandise from Sheriffs' and Receivers' Sales

SAVE 30 TO 50 PER CENT. ON YOUR PURCHASES.

THE CHICAGO HOUSE WRECKING COMPANY is the largest concern in the world devoted to the purchase and sale of general stocks of merchandise of every kind from Sheriffs', Receiver's and other sales. Our aim is to save you money. The wonderful opportunity that is now offered you to secure staple articles in every line at extremely low prices deserves your closest attention. The way to make money is to save it. Our whole business is one of quick action. We have these goods to-day and tomorrow they may be sold. Don't delay. Bargains wait for no man. Send us your order today. Absolute satisfaction guaranteed.

Felt Roofing 60c per Sq.
2-ply "Eagle" Brand, 108 sq. ft. 60c
3-ply 90c
Vulcanite Roofing with nails caps and cement, easy to put on; requires no coating; 108 square feet \$1.75
Galvanized Rubber Roofing, guaranteed for 20 to 30 years. No coating required. Price per 107 sq. ft. including nails, caps and cement for laps. 2-ply \$1.50, 3-ply \$1.90. 3-ply 2.15 Samples furnished FREE.




PAINTS 30 CENTS Per Gal.
Write for Color Card, Free
Barn Paint in barrel lots per gal. 30c
Cold Water Paints 5c
"Perfection" Mixed Paints per gal. 75c
"Premier" Brand, 3-year guaranteed, per gal. 95c
Varnishes, Venetian Red, Oil, stains and everything in the paint and oil line.
Orders Filled Promptly.



GASOLINE ENGINES \$55
This price for our high grade National Engine Best manufactured. Simple. Other gasoline engines from \$25 to \$250
Saw Mill Outfits, engines and boilers combined and separate, from 2 H.P. to 10 H.P.
Locomotive Outfits, on skids, up to 35 H.P.
Saw Mill Outfits, etc. Machinery of every kind.



CHAIRS 50 CENTS
This is our price for strong, substantial, bow-back, hollow-seat chairs. 1000 box-seat like cut. Per set \$3.00
700 handsome library and dining chairs saddle seats and cane seat. Prices from 35c to \$2.50
Hardwood folding chairs.
Per dozen \$8.00
A complete stock of everything in the line of chairs.



Handsome Tufted Couch \$4.50
Has carved legs, hardwood frame, open spring work construction, also furnished in plain tops.
Other couches \$4.50, \$7, \$9.50.
Beautiful genuine leather couches, renovated and overhauled. Good as new for further service. Worth \$20.00 to \$30.00. Our Price \$8.25 to \$15.00.



100 Pounds Horse Shoes \$3.25
The best shoe on the market. 100 pounds in a keg, all sizes, weights and kinds.
per lb.
Horse Shoe Nails, all sizes 80c
Wrought Iron Anvils, all weights 6 to 70 lbs. Blacksmith Handled Hammers 50c
Blacksmith Blades, unhandled, lb. 50c
Hot and Cold Chisels, lb. 90c
Bolt Cutter, best made 2.00
Everything in the line of blacksmith supplies. We can save you 30 to 50 per cent.



Portable Forge \$4.75
Has 18 in. round hearth; good for general work; lever motion; extra heavy pipe legs; stands 30 in. high; 8 in. fan. Larger forges, like illustration from \$6.35 to \$14.50. We guarantee our forges, equal or superior to anything on the market. Write for our full list.



Steel Fireproof Safe \$5.50
Small 75-lb safe for general home and farm use. Other sizes at \$6.50, \$7.00, \$7.50 and \$8.00.
Heavy angled safe with 5 flange doors with combination locks, at \$18.00. Larger sizes from \$20.00 to \$30.00. Also a full line of fire proof vault doors from \$25 to \$75.00.



Our New 500 Page Catalog No. 500 Free
This book is one that every shrewd buyer must send for. It is full of bargains from cover to cover, and quotes the very lowest prices on everything needed on the farm and in the home. You will save money by referring to it often. The list above shows only a few articles out of thousands described, but the prices give you an idea of what you can save by sending your orders to us. Cut out this ad. Make a cross mark on those items that most interest you, and we will send you much valuable information. Also fill in the coupon to your right. Our new catalog will be sent you absolutely free and prepaid. Or send us your name and address, where you have seen this ad. and what items interest you.



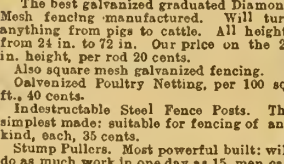
CHICAGO HOUSE WRECKING COMPANY, 35th and Iron Streets, CHICAGO, ILL.

The publishers of The Iowa Homestead are personally acquainted with the Chicago House Wrecking Co. and know that any representations that they make will be faithfully lived up to. These bargains are worthy of your closest attention and you can purchase with perfect confidence of getting exactly what you order.

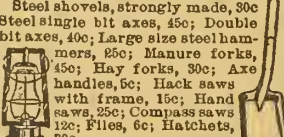
Extension Tables \$10.25
Best selected oak, handsomely polished, 42 in. top; 7 in. pillars hand carved. 8 ft. extension \$10.25
500 handsomely carved tables from the St. Louis World's Fair, all refinished and repolished. Prices from \$3.50 to \$25.00. Worth twice as much.



Field Fencing 20c per rod
The best galvanized graduated Diamond Mesh fencing manufactured. Will turn anything from pigs to cattle. All heights from 24 in. to 72 in. Our price on the 24 in. height, per rod 20 cents.
Also square mesh galvanized fencing. Galvanized Poultry Netting, per 100 sq. ft., 40 cents.
Indestructible Steel Fence Posts. The simplest made; suitable for fencing of any kind, each, 35 cents.
Stump Pullers. Most powerful built; will do as much work in one day as 15 men can do by hand. Prices from \$14.25 up.



Tubular Lanterns 45c
Steel shovels, strongly made, 30c
Steel single bit axes, 45c; Double bit axes, 40c; Large size steel hammers, 25c; Manure forks, 45c; Hay forks, 30c; Axe handles, 5c; Hack saws with frame, 15c; Hand saws, 25c; Compass saws 12c; Files, 6c; Hatchets, 30c.



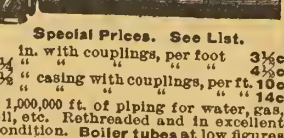
Four Post Angle Steel Tank Towers \$15.00
150 of the strongest towers built. Galvanized after completion. Braced in a most thorough manner. Easy to put together and erect. Not the cheap kind. Guaranteed to give absolute satisfaction. Each complete with platform, anchor posts and anchor plate, worth \$21.00. Our price, \$15.00.
All kinds of steel storage tanks from 30-gal. to 10,000 gal. Send for complete list.



Tapestry Brussels Carpet, 50c a Yard
Neat designs, all colors.
Velvet Carpet, per yard 72c; Heavy Ingrain Carpet 22c
Reversible Bath Rugs 50c; Linoleum, per square yd 31c; Oil Cloths 16c
Free samples



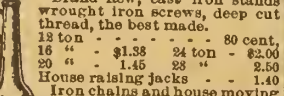
Pipe, all kinds and Sizes
Special Prices. See List.
1 in. with couplings, per foot 34c
1 1/2 in. with couplings, per foot 40c
3/4 in. casing with couplings, per ft. 10c
1,000,000 ft. of piping for water, gas, oil, etc. Rethreaded and in excellent condition. Boiler tubes at low figures from the World's Fair.



Air Tight Heaters, Each 75c
Larger sizes at \$1.00 and \$2.00. 50 Hot Blast stoves, like illustration; will burn hard or soft coal or wood. Were used at the World's Fair, overhauled and first class. Prices from \$7.00 to \$10.00.
Cannon Heaters 4.80
Kitchen Ranges 5.00
Steel Ranges 16.00
All kinds of stoves and heaters.



Jack Screws, 80 Cents
Brand new, cast iron stands wrought iron screws, deep cut thread, the best made.
12 ton 80 cent
16 " 1.38 24 ton 2.00
20 " 1.45 28 " 2.50
House raising jacks 1.40
Iron chains and house moving apparatus of all kinds.



THE WORLD'S BARGAIN CENTER

That's what we are known as everywhere and there is reason for it. Our prices as a rule do not represent the original manufacturers cost. Our goods are the best. We do not sell anything but what is in first class condition. Satisfied customers all over this land will confirm this. We guarantee absolute satisfaction.

WE BOUGHT EVERY EXPOSITION

Including the Great \$50,000,000.00 St. Louis World's Fair, the World's Fair of Chicago, the Pan-American Exposition, Trans-Mississippi Exposition. This has added enormously to our large stock. We have for sale all kinds of building material including lumber, sash doors, windows, and in fact, everything needed in construction of a building for any purpose. In purchasing the St. Louis Exposition, we secured over \$300,000.00 worth of furniture and household goods, as good as new for further use. It is all overhauled and renovated. Here is a chance for you to get some extremely handsome and fine furniture at half what it would cost you otherwise.

WE SAVE YOU MONEY

You are bound to save big money on your purchases of any kind, from us. There isn't an article that we handle, but what we can sell you at a lower price than you can purchase it elsewhere. You will appreciate this more and more as you get to know us better. No Sheriff's or Receiver's sales complete without the presence of our alert representatives. We get all the good things at slight. Because we offer goods at lower prices than manufacturers cost has earned for us the good will of thousands of families everywhere.

OUR GUARANTEE

We guarantee absolutely that all purchases of every kind made from us will prove entirely satisfactory and that the material will be exactly as represented. Thus you know that you will receive what you buy and pay for. If the goods received from us are not as represented, return them to us and your money will be immediately refunded. Our method of satisfying customers. There will be no argument about the return of your money. All you need to say is, the goods are not satisfactory and that you cannot use them. You will promptly receive your money back. Send us your orders at once.

OUR REFERENCES

Our Capital Stock and Surplus is over \$1,000,000.00. We cheerfully invite investigation as to our responsibility. Look us up in Dun's or Bradstreet's or any other responsible mercantile agency. Ask any Express Company; write to the Editor of this or any other paper; ask any Banker, or refer direct to our depository—The Drovers' Deposit National Bank, Chicago.

SHREWD BUYERS ACT QUICKLY

Now is the time to buy your needed supplies. This advertisement may never be repeated. The larger portion of these bargains will be sold in quick order. Buy to-day so that tomorrow you will not have to blame yourself for being too slow. All these bargains are offered you subject to quick sale. Action and quick action is the keynote of business success. Send us your order to-day.

Steel Roofing per 100 Sq. Feet \$1.50

Most economical and durable roofing covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care, will last many years. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering buildings of any kind. Also used for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not stain rainwater. Makes your building cooler in summer and warmer in winter. Brand new, painted in our price for our Flat Semi-Hardened siding, each sheet 24 in. wide and 24 in. long. Our price 1 lb. illustration; and 34 in. long \$1.60. Additional we will send 8 feet long.


Steel Pressed Brick Siding per square, \$2.00

Fine Steel Deaded Ceiling per square, \$2.00

Can also furnish standing seam or crimped Roofing to all points East of Colorado except Oklahoma, Texas and Indian Territory. Quotations to other points on application. This freight prepaid proposition only refers to the steel roofing offered in this advertisement. Satisfaction guaranteed or money refunded. We will send this roofing to any one answering this advertisement C. O. D., with privilege of examination if you will send us 25 per cent of the amount you order in cash; balance to be paid after material reaches your Station. If not found as represented, refuse the shipment and we will cheerfully refund your deposit. All kinds of roofing supplies, galvanized conductor pipe, eave trough, steel snips, fittings, etc.

100 lb. Fence Wire \$1.25

At this price, No. 14 gauge, painted Wire Shorts. Other gauges proportionate prices. Heavily galvanized wire shorts, put up 100 lb. to the coil, good for fencing and other purposes, new 14 gauge, per 100 lbs. \$1.40.
Galvanized Barb Wire, 2 and 4 point, per 100 lbs. \$2.50
B B Phone wire galvanized, per 100 lbs 2.40
Annealed wire, No. 17 gauge, 1.90
Wire of all kinds and for every purpose.



Steel Enameled Bath Tubs \$6.00

At this price, our 4 1/2 ft hard wood rim, enameled steel tub, with nickel plated inside and outside. Overflow. Other lengths at proportionate prices. Handsome porcelain bath tub with full 8 inch roll rim, white enameled on the inside, seamless, cast iron, with all fine nickel-plated fittings at \$14.00. Other tubs ranging in price to \$25.00.

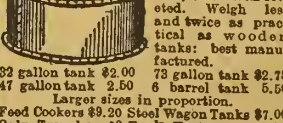


\$60.00 for Complete Water Works System,

Even though you live on a farm, you can have just as much comfort as the city folks. Our modern book on water works Systems shows you how you can do it.
We offer you a complete outfit consisting of pressure tank, brass lined pump, all valves and fittings necessary for \$60.00. Other outfits at prices ranging up to \$200.00. At \$37.50 we furnish a complete bath room outfit, consisting of tub, toilet and wash stand. Send us diagram of your home. We will make you a liberal proposition.

Galvanized Steel Tanks \$2

Brand new galvanized steel tanks, lined strong and durable, extra well riveted. Weigh less and twice as practical as wooden tanks; best manufactured.
32 gallon tank \$2.00 73 gallon tank \$2.75
47 gallon tank 2.50 6 barrel tank 5.50
Larger sizes in proportion.
Feed Cokers \$9.20 Steel Wagon Tanks \$7.00
Oat Troughs .80 Tank Heaters - 2.50



IRON BEDS \$1.40

Full size, strongly built, finely upholstered \$1.40
100 single iron beds, complete with woven wire spring \$2.25
Handsome brass trimmed beds, like picture, twice as heavy as any ordinary bed of this style. Head 65 in. high; brass tubing 3/4 in. diam. and 6 in. x 6 in. finished in bronze; good enough for any one. Retail for \$35.00. Our price \$17.50
200 wooden beds, nicely carved, good as new each \$1.50
Full size cotton top mattresses from \$1.00 up
Felt mattresses \$5.25
Beds and bedding of every kind



DRESSERS \$7.50

600 unique designs in dressers from the World's Fair, overhauled and first class. Prices from \$7.00 to \$30.00, easily worth \$15.00 to \$45.00. Commodes, dressing tables, hall racks and fine furniture for every purpose.



ROPE BARGAINS

Good Manila Rope, slightly used, all sizes, 3/4 in. to 10 in. per 100 ft. \$2.75
New Manila Rope slightly shop worn, per lb. 10 cts
Wrapping Twine lb. 6c
Galvanized Guy Wire, 100 ft. \$1.60
Wire Rope and Cable at way down prices. Derricks, Tackle Blocks, etc. Write for prices



6000 Strong Doors from St. Louis World's Fair

In all sizes \$1.00
5000 Windows at half price. 10,000,000 feet of lumber, short lengths, made as it comes, to close out, per M \$3.00
If you want lumber of specified sizes, send us your lumber bill for our estimate. Now is your opportunity to save money while we are still engaged in dismantling the World's Greatest Exposition. Everything in the line of Building material.



NURSERY CHAIRS 60c

500 like illustration, made of selected willow; strong and substantial; removable seat with wooden table. Will last for years. Plain Children's Chairs bow-back at 25c. Handsome Children's Rockers, golden oak, with cane seat, worth \$2.00. Our price 95c
Full sized, roomy rockers, worth \$3.50. Our price \$1.75
Reed furniture of all kinds.



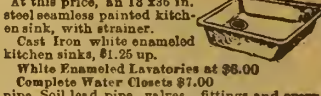
Fancy Sewing Rockers \$1.25

600 like illustration, golden oak finish, full polish, continuous post strongly braced arm, 39 inch high; screwed together. Built for wear. Worth \$2.50.
Our price \$1.25
1000 other rockers from 75 cts. to \$10
Handsome genuine leather rockers at \$12.00.
50 beautiful davenport from the Pennsylvania building and other State Buildings at the World's Fair, overhauled and as good as new. Worth \$75.00. Our price \$15.00 and up.



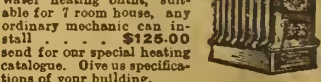
KITCHEN SINKS 75c

At this price, an 18 x 36 in. steel seamless painted kitchen sink, with strainer.
Cast iron white enameled kitchen sinks, \$1.25 up.
White Enameled Laboratories at \$6.00
Complete Water Closets \$7.00
Pipe, Soil lead pipe, valves, fittings and everything needed in the plumbing line.



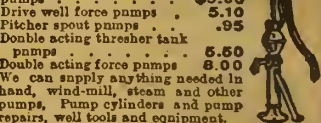
HEATING PLANTS

A complete steam or hot water heating outfit, suitable for 7 room house, any ordinary mechanic can install \$125.00
Send for our special heating catalogue. Give us specifications of your building.



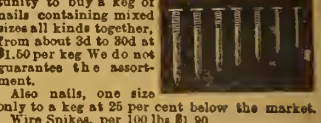
Wind Mill Lift Pump \$3.65

Double acting, anti-freezing force pumps \$9.00
Drive well force pumps 5.10
Pitcher spout pumps .95
Double acting thresher tank pumps 5.50
Double acting force pumps 8.00
We can supply anything needed in hand, wind-mill, steam and other pumps, Pump cylinders and pump repairs, well tools and equipment.



Wire Nails \$1.50 per keg

An exceptional opportunity to buy a keg of nails containing mixed sizes all kinds together, from about 3d to 80d at \$1.50 per keg. We do not guarantee the assortment.
Also nails, one size only to a keg at 25 per cent below the market.
Wire Spikes, per 100 lbs \$1.90
Iron Bolts, per 100 lbs \$3.00



Farm & Platform Scales

Three ton Steel Wagon Scale with 8x14 foot platform \$25.75
Other Wagon Scales up to 6 5.00
400 lb. capacity Portable Platform Scale, guaranteed \$3.00
Brand new Counter Platform Scales, weighs from 1/2 oz. to 240 pounds \$2.25
Brand new Family Scale weighs from one ounce to 24 lb. 90c



CHICAGO HOUSE WRECKING CO.,

35th & Iron Sts., Chicago

I am a reader of The Homestead Send me one of your large 500 page catalogue as advertised in this paper.

Name.....

Address.....

R. R. or P. O. Box.....State.....



THE SQUEALING PIG.

We have been very free to advocate the policy of feeding farm animals liberally under practically all circumstances. Of course on a subject of this kind it is impossible to make a sweeping statement that is applicable in detail to animals of all ages.

During the next two months there will be heavy losses due to cholera or swine plague. These diseases, although not as common as they were formerly, are breaking out here and there throughout the central West. There may be a difference of opinion among men as to whether the disease can be checked when it once gets into a herd or not, but all will agree that the best policy is to keep it out if it is at all possible.

It is a sensible thing to feed growing pigs or even hogs lightly when there is cholera or swine plague in the neighborhood. The squealing hog is usually a healthy hog, and while it is practicable to feed a little grain every day along with pasture so as to keep young pigs growing well, at the same time comparatively little grain will do the work.

The method of handling and the conduct of a bunch comprised of 150 pigs that were swept away by cholera a month ago may be taken as a typical instance showing how the disease takes hold when conditions are favorable. These pigs were fed about all the grain they would eat while sucking, and they were kept on what is ordinarily called heavy feeding after they were weaned. At no time were they equal to the task of cleaning up the troughs at feeding time, though some time during the day they succeeded in eating up everything that was placed in the troughs. They were in a state of constant satisfaction, so far as the food supply was concerned, and, as the owner expressed it after they were swept away with cholera, "they never knew what it was to squeal."

Seemingly, before cholera germs were introduced some of these pigs got off feed and seemed to dry up, as it were. They poked around with their noses on the ground and their tails hanging straight with an exceedingly tucked up appearance of flank. The manure was hard and dry, though after a few days they began to scour and a comparatively short time ensued between this date and death.

We believe this was an instance where hogs were overfed, their digestive system being thrown out of order by the extravagant use of food. This was followed by a sort of feverish condition and, as described above, loss of appetite so that conditions were ideal for the development of disease when the germ became lodged in the system. We do not say that hungry, vigorous hogs will never take cholera, but we do believe that in nine cases out of ten keeping them active and not supplying much grain during the first four or five months will tide them over.

New corn is now being fed and there is a little danger attending the feeding of the new crop. The only advice we can give as to the feeding of new corn is to go cautiously. An ear a day for the first week when pigs have had little or no grain is plenty. In the course of ten days or two weeks a little more may be fed with safety. One should take at least a month or six weeks to get them onto corn, and even then when handling pigs five or six months old there is no sense in giving all they will consume. It is better to keep their appetites keen right through until cold

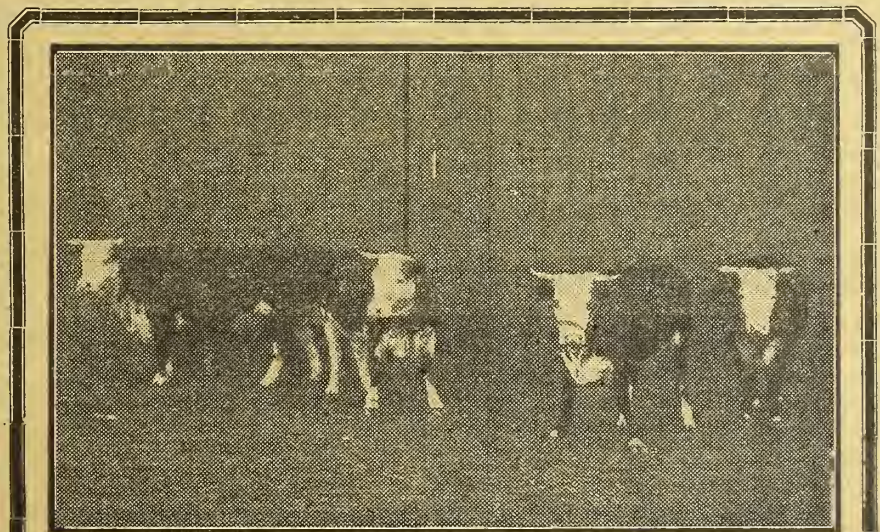
weather approaches, though of course before that time enough may be fed to put on good daily gains.

As a closing word, we would like to advise the use of a small amount of mill feed or rich meals. Even if a slop is only fed two or three times a week it will do much by way of contributing to health and vigor. Hogs will relish it greatly and there will be no difficulty about using a little coal tar disinfectant in the slop. When hogs are on full feed the disinfectant usually makes the slop so unpalatable that it is not eaten, but just a little now and then seems to answer an exceedingly important purpose. By using a little disinfectant inside and

place. Another is good, fresh whitewash. There are many places where this should have the preference. It kills germs, holds them whenever they may be caught and lightens dark places. The material can be applied with a spray pump or brush and hurried or incomplete work can be seen as the job progresses or after it has been finished. It has the other requisite so much in demand, cheapness.

There are a number of other disinfectants, but it is better to use those which are least liable to cause injury to the buildings, to be poisonous to stock or harmful to those making the application. We consider the use of formaldehyde the most objectionable of those recommended because of its being so irritating to the nose, eyes, lungs and to the hands.

Harness should be disinfected by first washing with soap and water, and then with the cresol solution, and finally rinsed with water.



Gipsy Girl 207342 is a fine two-year-old heifer got by Kruger, a \$500 son of Improver 94020, and out of a daughter of Bell Donald 24th, bred by Mr. W. H. Curtice, of Eminence, Ky. She is a show type sort, low down and thick fleshed. Another good one is Lassie 207343 by the same sire and out of May Queen. Wild Rose 207348 is another good two-year-old by the same sire and out of Lulu 60821 by Wilton Anxiety. Topsy 207347 by Kruger and out of Bell 96329 is one of the desirable two-year-olds, whose makeup will make a strong appeal to those wanting something good. There appears herewith an illustration of the above four heifers. These are only a sample of what the rest of the herd is. For further information see advertisement of Mr. W. A. Merryman on page 36.

plenty of it in the hog quarters, and if, in addition, their blood is kept cool, as will be the case if fed as described above, one may reasonably expect to escape disease.

VALUE OF SENSIBLE DISINFECTION.

In a bulletin recently prepared by the Indiana Experiment Station this subject is discussed at length. Attention is called to the fact that the object of disinfection is to kill disease germs. Sunlight is the natural disinfectant and should be employed wherever it is possible, both for the prevention of disease and the stamping out of same. Sound logic demands that the greatest possible amount of light be admitted into stables and animals' quarters. We now quote from the bulletin referred to:

Steam generated to a pressure of twenty pounds may be carried inside the barn or stable by means of a hose and a jet directed upon every part of the walls, ceiling, stable fixtures, and floor. This is quickly done and not expensive, as a thrasher engine can be hired at almost any place. Burning may be employed in some feed lots.

Among the chemical agents which may be used is a one-fourth of 1 per cent solution of formaldehyde applied with a spray pump. The application of a 2 to 4 per cent solution of coal tar disinfectants, such as cresol, or carbolic acid, may be made in the same manner and are not so disagreeable to apply. Every part must be thoroughly covered.

An excellent disinfectant, one always obtainable, is turpentine. This may be sprayed or painted on the same as the others. It is a little too expensive for use upon a large

Blankets can be disinfected best by placing in a tub or a barrel and covering with boiling water. Robes or things which might be injured by the heat or soaking, can be placed in a tight box and a small quantity of formaldehyde placed inside on some cotton (four tablespoonfuls to a space equal to that of a flour barrel).

In case an animal be buried, as a result of anthrax, blackleg, hog cholera, swine plague, corn stalk disease, tetanus, or any other soil or water borne disease, the best disinfectant is lime. The lime should be fresh, be broken up into small lumps, and a half barrel be used directly upon the body of a full grown cow or horse. Antiseptic solutions, such as cresol solutions drain away before they accomplish the desired result. Crystals of copper sulphate may be used for the disinfecting. All bedding and litter containing germs of diseases which live on the ground or in water should be burned. The litter from animals infected with glanders, influenza, tuberculosis, strangles or parasitic infections, will be perfectly safe if deposited on cultivated ground, but should not be deposited upon grass land or pasture fields.

We have no hesitation in advising the free use of the coal tar disinfectants in the place of some of those mentioned. The advantage of these over some of the others is that they are absolutely harmless when brought in contact with the skin or hair. Indeed, many farm animals need an application of this kind occasionally in order to cleanse the skin. If a good disinfectant were kept on hand on every farm of the corn belt, we believe it would prevent millions of dollars loss every year, by contributing to the health of animals and by preventing the spread of contagious diseases.

GOVERNMENT CROP REPORT.

The government's report on the condition of spring wheat, corn, oats, and the minor cereals, given out last week, suggested continued prosperity for farmers and the nation at large. The statement maintained the earlier predictions of "bumper" yields of wheat and corn, and was about as had been expected on oats, the outturn of which is conceded on all sides to be materially under that of last year.

According to the most popularly accepted basis, the statement promised a total corn outturn of about 2,713,000,000 bushels, compared to a yield of approximately 2,700,000,000 bushels in 1905.

The following table shows for each of the states having 1,000,000 acres or upward in corn, with the condition on September 1st for the last three years, the condition on August 1, 1906, and a ten-year September average:

States.	Sep. 1, 1906.	Aug. 1, 1906.	Sep. 1, 1905.	Sep. 1, 1904.	Ten Yrs.
Illinois	83	83	96	86	85
Iowa	95	95	83	85	83
Nebraska	87	84	95	87	81
Kansas	86	83	83	63	70
Texas	77	75	79	86	71
Missouri	87	82	98	74	80
Indiana	95	85	99	80	88
Georgia	91	92	86	91	84
Kentucky	100	96	95	89	84
Tennessee	97	95	84	90	81
Ohio	99	92	90	78	85
Alabama	93	92	84	93	82
North Carolina	85	91	83	96	85
Mississippi	92	92	74	92	78
Indian Territory	95	92	96	92	90
Arkansas	97	97	83	87	77
Oklahoma	95	96	83	87	70
South Carolina	84	86	74	91	79
Virginia	91	95	97	98	89
South Dakota	91	85	91	80	86
Minnesota	92	95	90	80	86
Wisconsin	95	89	91	78	87
Pennsylvania	96	95	96	94	88
Louisiana	85	93	71	87	81
Michigan	93	87	85	73	84
U. S.	90.2	88.1	89.5	84.6	81

The average condition of spring wheat when harvested was 83.4. September 1st, last year, it was 87.3, that of August 1, 1906, being 86.7. The condition in the five principal producing states were given as follows:

Minnesota	79
North Dakota	84
South Dakota	83
Iowa	83
Washington	75

Figuring on the basis of seventeen bushels to the acre, the statement indicates a spring wheat yield of 255,000,000 bushels, which, with the estimated winter yield, brings the total estimated wheat crop of the country up to about 748,000,000 bushels, compared to approximately 693,000,000 bushels harvested last year.

The average condition of the oats crop when harvested was 81.9, against 82.8 a month ago; 90.3 on September 1, 1905; 85 on September 1, 1904, and a ten-year average of 81.9. Figuring on the basis of 35 bushels to the acre, the statement suggests a total yield of about 794,000,000 bushels. Last year's outturn was in the neighborhood of 900,000,000 bushels.

The average of barley when harvested was 89.4, against 90.3 on August 1, 1906; 87.8 on September 1, 1905; 87.4 on September 1, 1904, and a ten year average of 83.7. The statement indicates a total yield of 140,137,000 bushels, compared to 141,706,000 bushels estimated on Aug. 1.

The average condition of rye when harvested was 90.5, compared to 90.8 on September 1, 1905; 86.9 on September 1, 1904, and a ten year average of 86.5. The indicated rye crop is 26,486,000 bushels, against 26,488,000 bushels suggested by the August figures.

THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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GETTING BACK TO THE SOIL.

In an address dedicating the immense live stock pavilion on the Minnesota State Fair Grounds last week, Mr. J. J. Hill, president of the Great Northern Railroad, referred to the fact that although a million people from abroad are added to the population of the United States annually, yet labor outside of the city was never as scarce or wages as high as at the present time. Farmers stretch out their hands in vain for help, while immigration lingers in the great centers and adds to the difficulty attending employment. A considerable portion of this year's magnificent crop, said Mr. Hill, will either be reduced in quality or altogether lost by reason of the impossibility of getting labor to handle it properly. The country needs more workers on the soil. Within twenty years there will be fifty million more people in this country, and by the middle of the century Mr. Hill estimated that there would be two and one-half times the present population. As to how these people are to be provided for, in view of the fact that arable public lands have disappeared, Mr. Hill said:

Our one resource, looking at humanity as something more than the creature of a day, is the productivity of the soil. The reckless distribution of the public land; its division among all the greedy, who chose to ask for it; the appropriation of large areas for grazing purposes, have absorbed much of the national heritage. Only one-half of the land in private ownership is now tilled. That tillage does not produce one-half of what the land might be to yield, without losing an atom of its fertility. Yet the waste of our treasure has proceeded so far that the actual value of the soil for productive purposes has already deteriorated more than it should have done in five centuries of use.

The single intelligent advance on practical lines made by public authority within the last quarter of a century is the reclamation law. Initiated and inspired and paid for by a few western railway companies, it provides for a real addition to the source of food supply and the opportunity for employment. But it is only a light breeze blowing in the face of a cyclone. If every project contemplated as feasible were executed, and if all were completed instantly by the rub of a magic lamp, some sixty million acres would be added to the arable national domain. And if only forty acres of this were assigned to each family, it would supply the needs of the actual addition to population, by natural increase and by immigration, for less than three years.

Certain it is that the time has come for setting our household in order, and creating a serious study of national activity and economy according to a true insight and a more rational mood.

The first step is to realize our dependence upon the cultivation of the soil. The next will be to concentrate popular interest and invention and hope upon that neglected occupation. We are still clinging to the skirts of a civilization born of great cities. We at this very moment use a slang which calls the stupid man "a farmer." Genius has shunned the farm and expended itself upon mechanical appliances and commerce and the manifold activities whose favorable reactions filter back slowly to the plot of ground upon which stand solidly the real master of himself and of his destiny. If we comprehend our problem aright, all this will change; and a larger comprehension of agriculture as our main resource and our most dignified and independent occupation will for the future direct to their just aim the improvement of methods and the increase of yield, the wisdom and the science and the willing labor of the millions who thus may transmit to posterity an unimpaired inheritance.

If we are to walk safely in the way of wisdom there is much to be done. It is time to begin. There must be, first, a return to conservative and economic methods, a readjustment of national ideas such as to place agriculture, and its claims to the best intelligence and the highest skill that the country affords, in the very forefront. There must be a national revolt against the worship of manufacture and trade as the only forms of

progressive activity, and the false notion that wealth built upon these at the sacrifice of the fundamental form of wealth production can endure. A clear recognition on the part of the whole people, from the highest down to the lowest, that the tillage of the soil is the natural and most desirable occupation for man, to which every other is subsidiary and to which all else must in the end yield, is the first requisite. Then there will be a check administered to the city movement that lowered the percentage of agricultural labor to the whole body of persons engaged in gainful occupations in the United States from 44.3 in 1880 to 37.7 in 1890, and to 35.7 in 1900. With public interest firmly fixed upon the future of the country, in mere self preservation, must give serious attention to the practical occupation of restoring agriculture to its due position in the nation.

The solution of the problem as given by Mr. Hill is the correct one, but the difficulty lies in making the application. While it is desirable to check the further reduction in the percentage of those who live on the farm, how is the check to be applied? It can only be done in one way, namely, by the adjustment of affairs so that the man on the farm, both employer and employee, shall receive

more liberal profits in the future than in the past.

It is an easy matter to theorize over a situation of this kind, but as a matter of fact it is the American dollar that is the great center of attraction. Then again, there is a question as to whether or not further inducement should be offered to increase rural population. It would mean more producers and less consumers. There are those who believe that a sufficiently large percentage of our people are now engaged in agriculture for the general welfare of all, and if this be true the large increase in the population that is predicted by Mr. Hill may have to be absorbed by our towns and cities in the future as in the past. We would like to see a little more help available for the farm, but in our opinion a very large percentage of our emigrants are not capable of taking intelligent part in the complicated affairs of modern agriculture.

SELECTING SEED CORN.

BY CLINTON D. SMITH, DIRECTOR MICH. EXPERIMENT STATION.

This fair time calls to my attention a mistake that some farmers are making in regard to seed corn. The lesson cannot be impressed too soon that you cannot pick out seed corn by the appearance of the ears. You have known as well as we, for a good many years, that it was utter folly to pick out a breeding animal by his form alone. We always investigated the pedigree. So we have known farmers to select corn, taking the best ears they could find each fall, year after year, and yet have not noted much improvement in the quality of the crop. Now come our Corn Improvement Associations offering large prizes at fairs and elsewhere for the bunch of prettiest ears and we have known men to invest considerable money in a lot of ears for seed simply because those ears conformed to an empirical standard, a so-called score card. This is utter folly. If corn breeders could come to the Michigan Agricultural College and see the product of ears to all intents and purposes alike in form, they would receive some light on this topic.

Here we have the shelled corn from 108 ears planted in 108 different rows, the product of each year in a row by itself. This gives us a chance to compare the relative vitality and the relative values of the ears for seed. The eye last fall could not tell which ear was the best for seed because corn does not carry a photograph of its inner qualities on the exterior of the ear. All the ears looked alike but let us notice some of the differences in the growing corn, although it is too early to pronounce anything final in the matter. We must wait for harvest before we can do that.

Of two ears planted side by side one gives us in 33 hills 148 ears, the other but 62. We shall have to wait until the ears are husked before we shall know the relative yields. What is true of these 33 hills is true of the entire rows. One row has more than twice as many ears of the same size on it as the other; again one row is characterized by slender, tall, strong, vigorous stalks, another row by short, weak stalks; in one row every stalk is erect, notwithstanding the recent terrible wind storms, of another row fully one-quarter lies flat. It is safe to say that any man could get almost any type of stalks that he wanted in these 108 rows and yet we must remember that the ears furnishing the seed for these separate rows looked very much alike.

Without occupying farther your valuable space let me say that I am compelled to write this letter now to suggest something not new but something which our corn growing farmers should do. Our plan of corn selection is this:

Let each farmer select a dozen or twenty ears this fall, selecting them before harvest and take them from stalks that suit. Put these ears away where they will dry thoroughly before freezing and keep them warm and dry through the winter. Next spring go to the windward side of the corn field, after it is thoroughly prepared and marked. Shell one ear and plant the first row as far as the ear will plant it, saving perhaps 150 kernels not planted. Take ear No. 2 and plant it on row No. 2 and so on until the whole number of ears for seed have been planted. Cultivate the field as usual. Next fall harvest each row separately and save the seed corn from

the row giving the largest yield. This seed corn will be partly cross bred. In case the farmer is willing to do it, let him remove the tassel from each alternate row and save the seed from the detasselled row, thus insuring a harvest free from inbred ears. Where he finds two rows alike in most respects and conforming to his ideal, let him note the ears which furnish the seed for those two rows. Then the next spring let him plant the small amount of seed he has saved from those two ears side by side in a field away from his corn field, if possible, detasselling each alternate hill or detasselling all the stalks growing from one of the ears, thus insuring cross fertilization and strong seed. These detasselled hills so selected should furnish him his best seed, but until this shall have increased enough to furnish him the desired quantity let him save his seed from the best row of his first selection. Naturally at the colleges we go farther and keep selecting a dozen of the best ears from each row and plant them separately, an ear to the row, saving the best ears from the best rows. In this way we insure improvement because we know the pedigree.


In conclusion it is the duty of the agricultural press and the stations to warn farmers against selecting corn by the sole standard of the pretty ear which wins the prize at the fair. Such selection is a delusion and a snare.

ROAD MAKING WITH THE KING DRAG.

Some time ago an agricultural society in Warren county, Iowa, offered premiums amounting to 25 for farmers who would make the best half-mile of road within a year without the use of the road grader. Something like twelve farmers entered this contest, and on the first of September, last, three judges awarded the premiums. Mr. H. L. Parrish, of Wick, who won first premium, makes the following statement regarding his work, for the benefit of our readers:

My half mile of road had not been graded for three years. When I commenced one year ago last spring there was practically no grade to speak of and about half way up the hill on the first quarter there was a bad spouty place about five rods long. This in many cases got so soft that a person could hardly go through on horseback. I dragged it three times and the springs entirely disappeared. That was nearly one and a half years ago and it has not bothered any since.

My piece of road was forty feet wide, with telephone lines on either side about four feet from the fence. I first built a grade by plowing. I commenced plowing about eight feet from the center of the road on both sides, throwing the dirt in toward the center. I plowed until I got to within about four feet of the telephone poles on both sides. I then put the disk on the plowed part and thoroughly worked the soil down, following this with a harrow. By this time the soil was well pulverized, and I then took the King drag and commenced to run the loose dirt toward the center of the road. This task is not so very easy. If the soil is wet it will roll up in front of the drag until finally the drag will raise up and dump it all in a pile. To avoid this the dirt must be thoroughly dry, then it will be distributed evenly from the back end of the drag. I continued to drag until I got all the loose dirt in the center of the road, then I plowed two furrows on each side where I wanted my open ditch. The last furrow came right up against the bank. I then put the drag right in the bottom of the ditch on both sides, throwing the dirt toward the center. Then I had a nice oval grade. When the work was finished the center was about a foot higher than when I commenced and the ditch about



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a foot and a half lower. No more work was done then until after a good rain. I then dragged it before it got thoroughly dry and followed this up by loading an iron roller with rock and putting it over the entire surface. I continued this process of dragging and then rolling three times, doing the work in each case after a rain.

This dragging and rolling combined gives you a surface that is as smooth as asphalt and as hard as brick. The trouble with most people is that they try to improve the King drag instead of trying to improve their roads. My advice is to take a regular King drag made of a split log one foot thick and seven feet long, put the split sides in front and attach thirty inches apart with the front log about six inches further to the right than the hind one. A piece of steel should be put on the front log. I find that by using it in the manner I have described above water runs immediately off the center of the road into the ditch where it belongs and never down the center of the highway.

It was our pleasure to examine the piece of road made by Mr. Parrish and we pronounce it a model earth road. It has stood the heavy traffic in wet weather and in dry weather and has always been kept from rutting by the use of a drag after rains.

It will be noticed that Mr. Parrish plowed the sides of the road in order to get some soil to build up the center. There are those who differ from him in this regard, but we believe where the roadbed is flat some such plan as this is practical in every way. By working away without the plow or disk the matter of building up the center is very slow work, and we believe that there would be more drags in use today if this plan were more freely advocated. Roads would then immediately show the effect of the drag, while in some instances where they are grassy or flat much of the labor is lost on account of the drag not taking hold of the soil.

We ask our readers who are specially interested in the road dragging problem to give Mr. Parrish's letter a second reading. What he says is out of his own experience and is not based on any theory.

AGE OF CEMENT POSTS.

The following communication has been received from one of our subscribers, Mr. Jens Kallervang, of Winneshiek county, Iowa:

I notice a discussion in your paper on the cement post question. I have had a little experience along that line and can possibly give your readers a hint or two that may prove of value. Concerning the length of time that posts should be kept on hand before being put in the ground, will say that I have put them in the next day after they were made and have never had any trouble with their breaking. I make them seven inches square at the bottom and six inches at the top, using Portland cement in their construction in the proportion of one part to three and a half of river sand. I place the flue of an old boiler in the center of every post, and as a result I think I have an almost everlasting post.

Concerning the age of posts it may be said that something depends upon conditions. If there is no special strain brought to bear on the posts it is doubtless possible to put them in the ground just as soon as the outside has hardened sufficiently so that they will handle without breaking or bending. However, where live stock has access to the fence we would not advise putting them in too soon after they are made. While firms that manufacture posts in large quantities for sale make a practice of keeping them on hand a year before selling, yet the man who makes his own posts need have little fear if he puts them in the ground when they are a month or six weeks old.

Regarding the size of posts, the dimensions given in this instance are much greater than those commonly used. A line post four inches square at the bottom and three inches at the top is considered plenty strong enough for all practical purposes, providing it is properly strengthened by the use of an iron rod or wire. For corner posts of course much more material must be used.

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Farm Furrows

Turned by a Practical Farmer.

The milk-fed calf needs water. This is something that should not be neglected.

Get that manure spreader if you have to get one or two neighbors to take stock in it.

There were hogs at the fair that made an ordinary 400-pound hog look like a spring pig.

The cockle bur is found most useful when it is "cast into the fire." The cockle bur farmer is living in a past age.

The Iowa State Fair managers demonstrated what they could do this year when they had the weather man on their side.

Remove every possibility of the colt getting hurt. A large percentage of colts get hurt before they reach the marketable stage.

At the fair one will see the effect of both breed and feed. The owner of prize winners knows about both and he understands the combination.

Smut on corn increases from spores and the way to prevent spreading of this trouble is to get the smut before the spores ripen and blow away.

We are prone to think that it does no harm to neglect the little things. The feeling is that we should be always looking after the big ones.

The man who sows winter wheat broadcast is inviting failure. It may not come, but it is liable to. If I could not drill my wheat I would not sow any.

There is such a thing as being a country gentleman. In no other place can more real gentlemen be found. It is easy to be a gentleman if one's blood is right.

A friend of mine turned his hogs in his berry patch to clear it of weeds and they succeeded admirably; they ate up all the raspberry canes, root and branch.

It is the hungry hog that is always looking for a break in the fence. It is the chicken-eating sow that should never be bred. Her kind will not pay for the raising.

Saw a sunflower as large around as a washtub, and I just thought what good news that would be to a Kansas man. I'll tell Henry Hatch the first time I see him.

The man who has sold his wool this year is wearing a smile that is gigantic in proportions and it refuses to wear off. It may be said to be "all wool and a yard wide."

A sheaf of rye at the Iowa fair grown in Cass county had to be shown in sections on account of its extreme length. The fertility of the Missouri slope in Iowa is wonderful.

The man who is ever ready to do others is often fighting a trust and at the same time is looking for a trust he can join so he can carry on his business of doing others.

The stock pavilion at the Iowa State Fair proved itself to be inadequate in size on several of the days of the fair this year. It was full to overflowing almost all the time. The Iowa fair is just now leaving the fair proportions

and assuming that of an exposition. The grounds would hardly hold it this year.

I have noticed that some hogs never do much squealing, and I have often observed that some men are that way, too. Some men are both hoggish and mulish; they squeal and kick at everything.

The female animal on the farm that is coming up in flesh at mating time is much more liable to produce a good offspring than the thin or poor animal. This should be thoroughly understood.

Regularity costs no more than irregularity and it means much in the management of stock. Stock have no timepiece, but it is wonderful how they can tell when feeding time is at hand.

Do the boys turn the horses out of the barn by scaring them out and making them run? It is not the best plan. Slapping them with the halter and saying, "Get out of here," makes fools of them.

Cutting bands at the thrashing machine? Why, there is no more such work to be done around the thrasher. Self-feeders now take the place of band cutter and feeder. This is a saving of three men.

The large pods on the catalpa trees growing on the fair grounds of Iowa, seem to be unknown to many, and one woman thought them to be small green snakes holding on to the branches. A snake tree! Just think of it!

I like the ground floor for horses to stand on. I have a drain under the stalls and it reduces the wet places in the stalls to a minimum. There must be a regular net work of drains and they should not be put in too deep.

Remember that the three-leaved ivy is the poisonous kind and that the five-leaved variety is the kind to propagate for porch ornament. The five-leaved variety is also called woodbine. Lose no time in exterminating the poison ivy.

In the summer time the porch is the most-used room of the house; hence, it should be spacious. It should also be screened so flies and mosquitoes cannot revel there. In winter the inside of the house will be used more than the porch.

Has it ever occurred to you that the boxes in which grain is fed to horses will get foul and ill-smelling? They will and they should be cleaned out occasionally. It pays to keep them clean, for a germ will do a mint of trouble sometimes.

In looking over the art hall I came to the conclusion that some of the patch quilts were a little threadbare. They have been shown for twenty years or more. There is room for something new in the art halls other than that of oriental fakers.

Cutting up corn is hard work, but when "the frost is on the punkin and the fodder's in the shock" there is a feeling that the country is safe. There is so much good feed in fodder that the stock breeder can scarcely afford to let it go to waste.

One man at the fair is producing water melons so large that no boy in the state can carry one of them off, and he thus avoids the stealing by boys. Even men can't carry them. Gee, what an opportunity for the colored race! I'd like to see a melon that a negro can't carry off.

In storing potatoes one should not bruise them, as they rot worse when they have become bruised. Many are under the impression that they can be handled like coal. Of course sometimes one feels pressed for help and time and they are handled more roughly than there is any necessity for doing.

The man who keeps his horses "scared of him" all the time is wondering why they do not come up to him when he is in the far side of the pasture trying to catch them. He is heard to say, "If I ever catch you I'll give you a sound thrashing," and that probably explains why he can't catch them.

Ah! There are hopes of doing away with the old stinking kerosene lamp that insists on smoking when it should be making its light shine. No more hauling a leaky kerosene can six miles over a rough road, all the time feeling like swearing. At a moderate outlay of money an electric light plant can be

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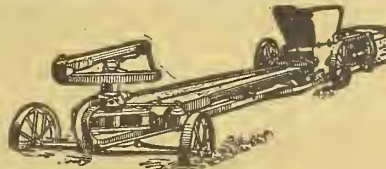
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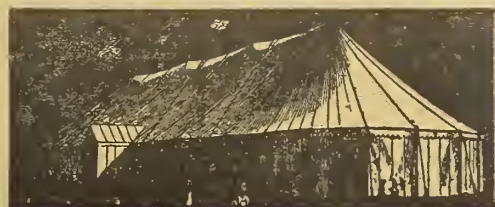
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installed, consisting of a gasoline engine, a dynamo and a few well-arranged wires. It is a glad day when we can say goodbye to the kerosene lamp.

The Milwaukee railroad this year is experimenting with a new way of exterminating weeds along the right of

way. It consists of a weed burner carrying a long kerosene torch which extends the entire distance between the rails and the fence on either side of the road bed. If the device proves effectual it will mean the replacing of a vast army of men formerly employed for that purpose.

THE INTERSTATE FAIR

The Interstate Fair opened on Monday of last week under tropical skies and both man and beast suffered intensely from the heat and humid atmosphere, which prevailed on the opening days. The rain which came early on Wednesday morning was welcome and the thirsty earth drank up the moisture so that but little inconvenience resulted. Monday was preparation day and most of the time was spent in getting exhibits in place. The crowds began coming in the heat of Tuesday and the drink vendors started a thriving business. On Wednesday (Dan Patch Day) the crowd was said to be close to 40,000, although conservative judges were not in a position to put the crowd at that number. Sioux City is strategically located and there is no reason why a good fair cannot be maintained at that point. Good material may always be expected from three substantial states—Iowa, Nebraska and Dakota.

The things that go to make a fair, such as brass bands, lemonade vendors, cane racks and midway were all there. More implements than ever were on exhibition. The poultry exhibit was large and farm products occupied most of the main building. If there is any reason more prominent than another why the fair was not larger, it is that the exhibits occupied all the space allotted to such purposes. Many exhibitors were kept from coming because of lack of exhibition space.

It was stated by those in a position to know that there were more people in Sioux City on Dan Patch day than ever before upon any other occasion, even eclipsing the Corn Palace days of years ago. Hotels and transportation lines were congested to a maximum degree. When the hungry had all been fed there were but few scraps left. Buns were selling at a premium before the sun went down that day.

Sioux City has both a half-mile and a mile track, and racing is a big feature of the fair. Outside of this feature the live stock exhibition was of the next greatest importance and in many respects was close to some of the larger fairs. New stables had been built, but additional tents had to be erected to shelter the stock exhibit.

Tuesday was children's and old soldiers' day and it was notable that there was an increase in the former and a decided decrease in the latter. Young America was everywhere in evidence, and the

pink lemonaders did a thriving business.

A number of improvements were made over last year's fair. A tent had been erected as a women's rest place, and in another place tired mothers could check their babies while they took in the sights at the fair. Both places did a rushing business and both babies and tired women were cared for by skilled hands.

A better way might be provided for getting the stock from the cars to their quarters. The unloading takes place almost a mile from the stock department and there seems to be no route but right through the crowds of early visitors at the fair. There is room for improvement in this respect.

This is distinctively a farmers' fair and that class largely predominated around the stock department. These came from Dakota, Nebraska and Iowa, while some were from Minnesota.

The camping feature of the Interstate fair has not been noted for extensiveness in former years, but it is growing and should the park be cleared up and about one-half the trees removed, that part of the fair can be largely increased.

Sioux City streets at night during fair time is bedlam turned loose. Fun and frolic is exaggerated to impudence and both sexes seem to engage in it with apparent relish. The main street of the city during the evenings of Wednesday, Thursday and Friday, is almost wholly given up to what some have termed innocent rioting, but which more often blooms into actual viciousness. Confetti is knee deep and all sorts of instruments of hideousness are brought into requisition to help in the celebration.

The judging in the live stock department was conducted in a quiet and careful manner by competent men and we did not hear one word of criticism. The man who did not win seemed to be satisfied and he will go home with redoubled energy to produce something that will win another year. All the judging was done under a large tent erected for that purpose. The arrangements for keeping back interested spectators were not good and a lack of proper policing interfered a great deal with the judging. There is room for improvement here, it being little better than the average county fair.

More people like to see good driving and carriage horses in harness than any other kind of stock, perhaps, and yet there was but little chance for displaying the drivers. There should be a better place to show such horses.

A little jaunt about the swine pens on the last day led us to believe that nearly everything had been sold. "That pig is sold," seemed to be the language universally used by breeders. The practice of buying breeders at fairs is growing, since the buyer can see his purchase and he would much rather buy in that manner than by correspondence.

Dan Patch proved to be a drawing card this year and it was noticeable that the roofs of buildings and every available space was occupied by both men and women. In one instance a dozen women were seen on top of one of the stock barns waiting for Dan Patch to go. The fence around the ring was one black mass of humanity six feet deep, and the grounds being level none could take advantage of elevations to see the race track.

The lack of placards in the live stock department reduced the educational value of this feature of the fair. There were lots of animals stalled on the grounds without the slightest indication as to their age, breeding, weight or ownership. This is just fifty years behind the times and if the management does not see fit to adopt a rule about placards and enforce it, breeders themselves should take the matter in hand. The Sioux City fair is nearly big enough to issue a catalog, with every animal numbered.

CATTLE.

SHORT-HORNS.

Being in the very heart of a good Short-horn district, Sioux City naturally attracted many good ones of this breed. Iowa, Ne-

What Can a Roof Do?

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FARM BUILDINGS—T. W. TAYLOR, ILL.
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braska and Minnesota were the states represented in the rings. Practically all the Short-horn exhibits were brought out by men whose business it is to breed good cattle and who have never made "showing" their strong point. They were just the kind of men who furnish the good material that makes up the show herd of the professional showman. A glance over the following list of names will convince the reader of the facts in the case: C. A. Saunders, Manilla, Iowa (6 head); Stratton & Frank, Odehoit, Iowa (4 head); C. R. Steele, Ireton, Iowa (15 head); Ardmore Stock Company, Holstein, Iowa (11 head); Walpole Bros., Rock Valley, Iowa (3 head); Held Bros., Hinton, Iowa (15 head); Chas. Weber, Hornick, Iowa (7 head); J. T. Judge, Carroll, Iowa (1 head); N. A. Lind, Rolfe, Iowa (9 head); C. E. Clarke, St. Cloud, Minn. (13 head); Elizabeth D. Buckley, Holstein, Iowa (5 head). The judging in this class was performed by Prof. C. F. Curtiss, Ames, Iowa, and the following are the awards:

AWARDS.
Aged Bull (7 in class)—First, Clarke, on Bapton Favorite; second, Saunders, on King Cumberland; third, Weber, on Captain Thislewood; fourth, Ardmore Stock Company, on Lord Mount Stephen.

Bull Two Years and Under Three—First, Ardmore Stock Company, on Superbus; second, Judge, on Clear the Way; third, Walpole Bros., on General Booth; fourth, Stratton & Frank, on Knight of Wild Eyes 3d.

Bull One Year and Under Two—First, Held Bros., on Valiant Jr.; second, Buckley, on Sailor; third, Lind, on Pride of Fashion; fourth, Saunders, on Champion Lad.

Bull Calf (8 in class)—First, Clarke, on Choice Knight; second, Walpole Bros., on Valley Prince; third, Clarke, on Knight's Commander; fourth, Walpole Bros., on Diadem.

Aged Cow (5 in class)—First, Clarke, on Welcome of Meadow Lawn 9th; second, Saunders, on Somerila 12th; third, Steele, on Contessa; fourth, Ardmore Stock Company, on Manor Lilly.

Heifer Two Years and Under Three (5 in class)—First, Clarke, on Duchess of Lancaster 13th; second, Saunders, on Velvet Eyes; third, Clarke, on Dortha 2d; fourth, Ardmore Stock Company, on Miss Hudson 3d.

Heifer One Year and Under Two (10 in class)—First, Saunders, on Independence Lady 3d; second, Clarke, on Lady Mysie 2d; third, Lind, on Lovely Belle; fourth, Clarke, on Alice of Meadow Lawn.

Heifer Calf (10 in class)—First, Lind, on Victoria Countess; second, Clarke, on Lady Dortha 3d; third, Saunders, on Cumberland's Countess; fourth, same, on Rose Champion.

Aged Heifer—First, Clarke; second, Saunders; third, Ardmore Stock Company; fourth, Steele.

Calf Heifer—First, Clarke; second, Lind. Get of Sire—First, Lind; second, Clarke; third, Ardmore Stock Company; fourth, Steele.

Produce of Cow—First, Clarke; second, Ardmore Stock Company; third, Steele. Champion Bull—Clarke, on Bapton Favorite.

Champion Cow—Clarke, on Welcome of Meadow Lawn 9th.

ABERDEEN-ANGUS.

Two well-known breeders constituted the only exhibitors in the doddie classes last week at Sioux City. Mr. C. A. Binnie, of Alta, was out with a herd of fifteen, and Mr. W. J. Miller, of Metz, with sixteen head. Mr. Binnie's herd secured a bare majority of the best premiums, but Mr. Miller in every case was there with strong competition, his herd winning the champion cow premium, while Jim Delaney, the noted Angus bull, carried away the champion bull premium for Mr. Binnie. The two names, Binnie and Miller, would have been thickly dotted through the premium report even had the number of doddies in the classes been multiplied by ten, because these breeders were there with the winning kind. The awards are as follows:

AWARDS.
Aged Bull (1 in class)—Binnie, on Jim Delaney.

Bull Two Years and Under Three (2 in class)—First, Miller, on McDonald Lad; second, Binnie.

Bull One Year and Under Two (4 in class)—First, Binnie, on Elmer Lad; second, Miller, on King Donald; third, Binnie; fourth, Miller, on Belshasser 2d.

Bull Calf—First, Binnie, on Even Lad; second, Miller, on Erica Prince; third, Binnie, on Blackbird Royal.

Aged Cow (3 in class)—First, Miller, on

Snow Flake 2d of Kirkwood; second, Binnie, on Gussie Kirkbridge; third, Miller, on Metz Ogarta.

Heifer Two Years and Under Three (2 in class)—First, Binnie, on Mina of Alta 5th; second, Miller, on Metz Ogarta 2d.

Heifer One Year and Under Two (5 in class)—First, Miller, on Queen of Cherokee; second, Binnie, on Blackbird Lassie; third, same, on Coquette; fourth, Miller, on Metz Ogarta 4th.

Heifer Under One Year (6 in class)—First, Binnie, on Queen Lassie; second, Miller, on Snowflake's Queen; third, Binnie, on Ena Lass; fourth, same, on Coquette of Alta.

Exhibitor's Herd—First, Binnie, on Jim Delaney; second, Miller, on McDonald Lad.

Breeder's Young Herd (2 in class)—First, Binnie, on Elmer Lad; second, Miller, on King Donald.

Get of Sire (2 in class)—First, Binnie, on get of Heather Lad of Emerson; second, Miller, on get of Black Prince of Estel.

Produce of Cow (2 in class)—First, Miller, on produce of Ogarta; second, Binnie, on produce of Blackbird of Denison 34th.

Champion Bull, Any Age—Binnie, on Jim Delaney. Champion Cow, Any Age—Miller, on Snowflake 2d of Kirkbridge.

HEREFORDS.

There were but three herds represented in the white faces—all from Iowa. The classes were all nicely filled and some exceedingly breedy individuals were brought out. There were few examples of overfitting and in the main the white faces could be said to be in their every-day clothes. They were the kind, however, that here inspection when in this form. The exhibitors present were Green & Broughton, Lake View, Iowa (12 head); Edmonds, Shade & Co., Kingsley, Iowa (11 head); E. M. Cassidy, Whiting, Iowa (6 head). The following are the awards:

AWARDS.

Aged Bull—First, Edmonds, Shade & Co., on King Edward; second, Green & Broughton, on Dudley.

Bull Two Years and Under Three—First, Edmonds, Shade & Co., on Sir Albany 9th; second, Cassidy, on Don.

Bull One Year and Under Two—First, Edmonds, Shade & Co., on Passport Prize; second, Green & Broughton, on Leopold.

Bull Calf—First, Edmonds, Shade & Co. Aged Cow (3 in class)—First, Edmonds, Shade & Co., on Frances; second, Green & Broughton, on Elsie; third, same, on Fannie Crosby.

Heifer Two Years and Under Three (6 in class)—First, Edmonds, Shade & Co., on Columbus Lassie; second, same, on Delight 3d; third, Cassidy, on Valentine; fourth, same, on Topsy.

Heifer One Year and Under Two (5 in class)—First, Edmonds, Shade & Co.; second, same; third, Green & Broughton.

Heifer Calf (3 in class)—First and second, Edmonds, Shade & Co.; third, Green & Broughton.

Aged Heifer (2 in class)—First, Edmonds, Shade & Co.; second, Green & Broughton.

Young Heifer (2 in class)—First, Edmonds, Shade & Co.; second, Green & Broughton.

Get of Sire (3 in class)—First, Edmonds, Shade & Co.; second, Green & Broughton; third, Cassidy.

Produce of Cow (3 in class)—First, Cassidy; second, Green & Broughton; third, Edmonds, Shade & Co.

Champion Bull (3 in class)—Edmonds, Shade & Co., on King Edward.

Champion Cow (2 in class)—Edmonds, Shade & Co., on Frances.

RED POLLS.

Although there were but twenty-seven Red Polls on exhibition last week at Sioux City, considerable interest was shown around the judging ring when the Red Poll classes were brought out. The winning animals in nearly all cases combined in a remarkable degree the beef and milk qualities. The mature animals had scale and the cows in most cases carried well-developed udders. The awards follow:

AWARDS.

Bull One Year and Under Two (5 in class)—First, Chas. Graff, Bancroft, Neb., on Captain; second, B. A. Samuelson, Kiron, Iowa, on Pleasant Hill Advance; third, same on Pleasant Hill Victor.

Bull Calf (4 in class)—First, Samuelson, on Henry; second, Frank Clause, Clare, Iowa, on Turner; third, same, on Rofer.

Cow Three Years or Over (6 in class)—First, Samuelson, on Maud; second, Graff, on Ruberta; third, Samuelson, on Edna.

Heifer Two Years and Under Three (3 in

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class)—First, Graff, on Imo; second, Clause, on Cresco Boy 5th; third, Samuelson, on Aleda 2d.

Heifer One Year and Under Two (5 in class)—First, Graff, on Doss; second, Samuelson, on Primrose 4th; third, Clause, on Dawn 2d.

Heifer Calf—First, Samuelson, on Red Lady 2d; second, Clause, on Darling; third, same, on Melinda.

GALLOWAYS.

There were but two herds of shaggy coats shown at Sioux City last week, one by N. P. Clarke, of St. Cloud, Minn., and the other by A. F. Craymer, of Morris, Ill., the former showing eleven head and the latter fifteen. The following is the premium list:

AWARDS.

Aged Bull (1 in class)—Craymer, on Scottish Sampson.

Bull One Year and Under Two (4 in class)—First, Clarke, on Prince of Meadow Lawn; second, same, on Madalish; third, Craymer, on Flagman of Rivers.

Bull Under One Year (4 in class)—First, Clarke, on Victor of Meadow Lawn; second, same, on Meadow Lawn Madalish; third, Craymer, on Grandee of Rivers.

Aged Cow—Craymer, on Imp. Princess Mable.

Cow Two Years and Under Three (2 in class)—First, Clarke, on Soney Meadow Lawn; second, Craymer, on Prudie of Rivers.

Cow One Year and Under Two (4 in class)—First, Clarke, on Cora of Meadow Lawn; second, same, on Sadie of Meadow Lawn; third, Craymer, on Mischief of Rivers.

Heifer Under One Year (5 in class)—First, Clarke, on Lady Douglass 3d; second, same, on Lady Belle 4th; third, same, on Primrose.

POLLED DURHAMS.

The Ardmore Stock Farm, of Holstein, Iowa, and David Wehtervy, of Dow City, Iowa, were the only exhibitors of Polled Durhams at Sioux City last week, and the number of entries brought out by each breeder was small. The animals, however, were what one might call typical Short-horns with the horns off.

FAT STEERS.

It is rather surprising that our large fairs do not succeed in creating a greater interest in the showing of fat steers. Breeders of beef cattle ought to have a good steer in mind as a model, because the block is the final test. At Sioux City last week a number of classes of fat steers were shown. In the two-year-old steers Mr. W. J. Miller, of Metz, Iowa, won first, second and third. He also won first and third on a yearling steer against four Short-horns and one Hereford, while N. A. Lind, of Rolfe, Iowa, carried away second honors in the yearling classes on a Short-horn, and Mr. A. C. Binnie, of Alta, Iowa, fourth on an Angus. Mr. Lind won first with the Short-horn on the steers under one year old against five doddies, second and third going to Miller and fourth to Binnie. In the champion group of prizes Mr. Miller won first, second and fourth and Mr. Binnie third. Sweepstakes and champion premium on best steers were won by Miller.

HORSES.

The showing of horses made at Sioux City last week was an exceedingly creditable one. A number of exhibitors who were taking in the circuit of large fairs were on hand with a few choice ones. Mr. H. G. McMillan, of Rock Rapids, Iowa, for example, showed fifteen, among this number being the famous Percheron stallion, Olbert, the winner at last year's International, and also the first-prize horse at the Minnesota State Fair this year. Finch Bros., of Joliet, Ill., were there with some good young Shires and Clydes. The following is a complete list of the exhibitors of good horses, draft breeds, together with the number brought out by each exhibitor: H. G. McMillan, Rock Rapids, Iowa (15 Percherons); Alex. Calder, Tecumseh, Neb. (5 Clydesdales and 1 French Coach); Rhea Bros., Arlington, Neb. (7 Percherons); Finch Bros., Joliet, Ill. (4 Percherons, 5 Belgians, 12 Shires); Billiter, Burruss & Billiter, Carroll, Neb. (9 Percherons, 1 Belgian); L. L. Goreham, Odeholt, Iowa (1 Percheron); Chas. Boone, Sioux City, Iowa (1 Shire); Joseph Bernard, Correctionville, Iowa (2 Percherons); George Hirschman, Pierson, Iowa (6 Percherons). Professor Curtiss made the awards as follows:

PERCHERONS.

Aged Stallion (7 in class)—First, McMillan,

on Olbert; second, Rhea Bros., on Frenen; third, Billiter, Burruss & Billiter, on Bizette.

Stallion Over Two and Under Three (5 in class)—First, Rhea Bros., on Carlo; second, McMillan, on Childebert; third, Rhea Bros., on Rahoteur.

Stallion Over One Year and Under Two (6 in class)—First, McMillan; second, Rhea Bros., on Jumbo; third, McMillan.

Yearling Stallion (5 in class)—First, Rhea Bros.; second and third, McMillan.

Horse Foal (1 in class)—Jos. Bernard.

Aged Mare (4 in class)—First, McMillan, on Eloise; second, Geo. Hirschman, on Surprise; third, McMillan, on Ruby.

Mare Over Three Years and Under Four (2 in class)—First, McMillan, on Iolanthe; second, same, on Antonette.

Mare Over Two Years and Under Three (2 in class)—First and second, McMillan.

Yearling Mare (4 in class)—First, Hirschman; second and third, McMillan.

Get of Sire (1 in class)—McMillan, on get of Calypso.

Produce of Mare—McMillan.

CLYDESDALES AND SHIRES.

Aged Stallion (4 in class)—All ruled out because of defects.

Stallion Over Two and Under Three (3 in class)—First and third, Finch Bros.; second, Calder.

Stallion Over One Year and Under Two (2 in class)—First and second, Finch Bros.

Yearling Stallion (3 in class)—Finch Bros.

Mare—Finch Bros. had the only entry in Shires, showing an aged mare, a three-year-old and a yearling filly; Alex. Calder had the only exhibit in Clydes—a pair of two-year-olds.

Get of Sire—Finch Bros. had the only entry, showing four head the get of Dunsmore Justice.

Produce of Mare—Owned by Finch Bros.

BELGIANS.

Aged Stallion (4 in class)—First and third, Finch Bros.; second, Billiter, Burruss & Billiter.

Stallion Two Years and Under Three (1 in class)—Finch Bros.

Stallion One Year and Under Two (1 in class)—Finch Bros.

Only one Belgian mare on exhibition, she owned by Finch Bros.

SWINE.

Sioux City Fair may have fallen far below some of the high state fairs in some of its departments, but in hogs the exhibit last week was right up among the big ones. There was something like 800 head on exhibition, and this number would have been materially increased had suitable accommodations been provided. There were 350 Durocs, 300 Poland Chinas, 100 Chester Whites, sixty Berkshires and a few Tamworths. The list is largely made up of breeders whose business it is to produce good hogs. Judging was done by L. H. Roberts, of Paton, Iowa; H. F. Hoffman, of Washta, Iowa, and John Cox, of Harlan, Iowa.

POLAND CHINAS.

In the Poland China classes the competition was strong, the quality high and the interest never lagged. There were many state fair winners here to compete for the prizes. In point of numbers the Polands were next to Durocs. The following are among the breeders present: E. M. Metzger, Fairfield, Iowa (25 head); A. C. Lanham, Battle Creek, Iowa (10 head); W. N. Booth, Danbury, Iowa (8 head); Held Bros., Hinton, Iowa (20 head); Henry Bros., Le Mars, Iowa (16 head); O. D. Hart, LeMars, Iowa (18 head); A. J. Brower, Sioux City, Iowa (22 head); John Miller, Rock Valley, Iowa (23 head); J. A. Benson, Primghar, Iowa (6 head); J. J. Short & Son, Sutherland, Iowa (1 head); S. A. Roeder & Son, Sioux City, Iowa (13 head); John Heeren, Carroll, Neb. (7 head); F. H. Long, Manning, Iowa (12 head); Wm. Bales, Allen, Neb. (7 head); E. H. Maurer, Vermillion, S. Dak. (6 head); Frank Brown, West Side, Iowa (16 head); Jno. Schmieder, Remsen, Iowa (18 head); D. F. Shannon & Book Bros., Storm Lake, Iowa (22 head); Fred Dralle, Struble, Iowa (18 head); W. C. Lookingbill, Sac City, Iowa (18 head). The following are the

AWARDS.

Aged Boars (6 in class)—First, Henry Bros., on Matchless Jr.; second, Johnson, on Chief Tecumseh 4th; third, Miller, on Columbia Chief 2d; fourth, Long, on Monarch Jr.

Boar One Year and Under Two (19 in class)—First, Shannon & Book Bros., on Shannon's E. L.; second, Lanham, on L's Sunshine; third, Lookingbill, on Village Meddler; fourth, Metzger, on Dude's Winner.

Boar Six Months and Under One Year (29 in class)—First, Henry Bros., on Meddler Jr.; second, Held Bros., on Royal Perfection; third, Benson, on Spruce Line; fourth, Schmieder, on a son of W. S. Choice.

Boar Under Six Months—First, Schmieder, on a son of Winning Perfection; second, same, on a son of Shake Hands 3d; fourth, Lanham, on a son of Keep On Jr.; fourth, Metzger, on a son of Winning Dude.

Aged Sow (3 in class)—First, Lookingbill, on Perfection Queen; second, Long, on Top Notch; third, Miller, on Mollie Surprise.

Sow One Year and Under Two (12 in class)—First, Henry Bros.; second, Metzger; third and fourth, Shannon & Book Bros.

Sow Under One Year (27 in class)—First, Henry Bros.; second, Hart; third, Metzger; fourth, Lookingbill.

Sow Under Six Months (14 in class)—First, Metzger; second, Lookingbill; third, Bales; fourth, Dralle.

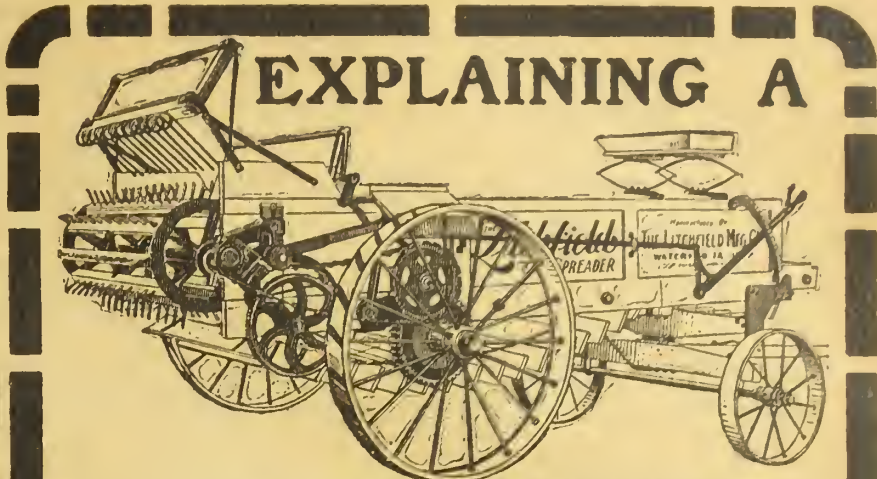
Aged Herd (3 in class)—First, Shannon & Book Bros., on herd headed by Shannon's E. L.; second, Metzger, on herd headed by Dude's Winner; third, Henry Bros., on herd headed by Matchless Perfection.

Herd Bred by Exhibitor—First, Shannon & Book Bros., on herd headed by Shannon's E. L.; second, Metzger, on herd headed by Dude's Winner; third, Henry Bros., on herd headed by Matchless Perfection.

Young Herd (5 in class)—First, Henry Bros.; second, Lookingbill; third, Metzger; fourth, Held Bros.

Herd Bred by Exhibitor—First, Henry Bros.; second, Lookingbill; third, Metzger; fourth, Held Bros.

Get of Sire (7 in class)—First, Henry Bros., on get of Matchless Jr.; second, Metzger, on get of Dude's Winner; third, Dralle,



COLD WEATHER MANURE SPREADER.

HOW many farmers wait for a suitable time to haul out manure in the winter because the spreader won't work in the freezing weather, or because the snow is deep, or because the ground is slippery?

We ask our dairy farmers, "How about this?" If you are in the market for a Spreader, do you want one you can use every day in the year to suit your convenience or will you, because you are told that a complicated return-conveyer machine is "just as good" or because you can save \$10 on the purchase price, be induced to accept a machine that can only be used when conditions are favorable?

The Litchfield self-cleaning, no-choke, endless conveyer, never clogs or freezes in the most severe weather, or interferes in any way with free, unobstructed action. You can load this every-day machine from your cow barn on any day in the year, no matter if you have 20 degrees below zero weather, no matter if the snow is three feet deep, no matter if the ground is icy and slippery, no matter if the mud is hub deep, it always works and always goes.

The Litchfield Spreader does not do all this without a good and sufficient reason. Look this machine over. Study the conveyer. It is endless and the lower, or unused part, is open because the slats or sections hang down edgewise and this lets everything fall through to the ground. This is why it is automatic cleaning or non-choking. No other spreader made has the hinged slats or sections. These hinged sections lie flat on top when conveying the load and hang down edgewise when passing under. This prevents the accumulation that would otherwise form and freeze on. This also prevents the clogging up in warm weather until something has to break.

When this machine is through, it is through. No scattering of the accumulated material while the apron is being returned to position. You can take a load out in snow drifts and put it off evenly and just as regularly as you can any other time. This is because of the light-running heater wheel and the wide, round-edged tires. The reason this heater wheel runs so easy on heavy duty work is because it takes hold of the material in an entirely different manner from all other wheels as used on all other machines. This counts in snow banks, on ice and in mud holes.

Do not depend on what we say, but just take the first opportunity to inspect this cold-weather, all-the-year-round Spreader. It knows how to talk for itself. Guaranteed for five years. More next week.

THE LITCHFIELD MFG. CO. P. O. Box A388, WATERLOO, IOWA

on get of Latest Chief; fourth, Lookingbill, on get of Sunshine Lad.

Produce of Sow (4 in class)—First, Miller, on produce of Lilly; second, Lookingbill, on produce of Black Beauty; third, Metzger, on produce of Golda U. S.; fourth, same, on produce of Sensation Queen.

Sweepstakes Boar—Henry Bros., on Matchless Jr.

Sweepstakes Sow—Lookingbill, on Perfection Queen.

DUROC JERSEYS.

The following breeders were present: G. B. Moon, Manson, Iowa (7 head); F. J. Clouss, Clare, Iowa (15 head); A. J. Hicks, Manson, Iowa (10 head); Easton Bros., Galva, Iowa (16 head); Geo. Gertzen, Alton, Iowa (12 head); J. Roghair, Orange City, Iowa (16 head); Clark & Tryon, Wausa, Neb. (6 head); Robert Pritchard, Carroll, Neb. (12 head); J. W. Reynolds & Son, Defiance, Iowa (10 head); J. E. Wehr, Portsmouth, Iowa (21 head); Edmonds, Shade & Co., Kingsley, Iowa (13 head); M. Mihills, Norfolk, Neb. (18 head); A. B. Winger, Kingsley, Iowa (19 head); H. R. Bell, Lawton, Iowa (21 head); E. A. Stolt, Leeds, Iowa (8 head); Norrish & Bevington, Kingsley, Iowa (16 head); M. S. Moats & Son, Randolph, Neb. (6 head); R. A. Tawney, Pierce, Neb. (19 head); E. J. Compton, Navell, Iowa (12 head); Robbins Bros., Lyons, Neb. (19 head); Sol Franks, Sioux City, Iowa (8 head); H. L. Cantine, Holstein, Iowa (12 head); W. A. Staples & Sons, Glidden, Iowa (6 head); A. D. Mackrill, Platte, S. Dak. (16 head); G. Soesbe & Son, Wagner, S. Dak. (1 head); Jos. Short, Sutherland, Iowa (6 head); A. C. Cummings, Leeds, Iowa (6 head). The following are the

AWARDS.

Aged Boar (10 in class)—First, Winger, on W's King; second, Norrish & Bevington, on Pericles H.; third, Moats, on Duroc Challenger Wonder; fourth, Gertzen, on Sioux Grove.

Boar One Year and Under Two (12 in class)—First, Easton Bros., on Iowa Notcher; second, Norrish & Bevington, on Cedar Lawn Model; third, Moats, on Crimson Critic; fourth, Edmonds, Shade & Co., on American Royal Jr.

Boar Under One Year (8 in class)—First, Easton Bros.; second, Norrish & Bevington; third, Wehr; fourth, Mackrill.

Boar Under Six Months (36 in class)—First, Pritchard; second, Mackrill; third, Roghair; fourth, Robbins Bros.

Aged Sow (3 in class)—First, Edmonds, Shade & Co., on Royal Blossom 5th; second, Easton Bros., on Sunshine Tena; third, Compton, on Shadynook Beauty; fourth, Roghair.

Sow One Year and Under Two (15 in class)—First, Frank, on Marie Antoinette; second, Edmonds, Shade & Co., on Lady Shadeland; third, Easton Bros., on King Lady 2d; fourth, Clouss, on Wick's Model.

Sow Under One Year (10 in class)—First, Edmonds, Shade & Co.; second, Easton Bros.; third, Clouss; fourth, Winger.

Sow Pig Six Months or Under (34 in class)—First and second, Pritchard; third, Winger; fourth, Edmonds, Shade & Co.

Boar and Three Sows Under One Year (8 in class)—First, Pritchard; second, Easton Bros.; third, Clouss; fourth, Robbins Bros.

Boar and Three Sows Under One Year, Bred by Exhibitor (8 in class)—First, Pritchard; second, Easton Bros.; third, Robbins Bros.; fourth, Edmonds, Shade & Co.

Boar and Three Sows, Any Age, Bred by

Exhibitor (4 in class)—First, Gertzen; second, Norrish & Bevington; third, Moats; fourth, Edmonds, Shade & Co.

Get of Sire, Any Age (12 in class)—First, Gertzen; second, Moats; third, Edmonds, Shade & Co.; fourth, Mackrill.

Produce of Sow—First, Mackrill; second, Pritchard; third, Robbins Bros.; fourth, Winger.

Aged Herd (5 in class)—First, Easton Bros.; second, Edmonds, Shade & Co.; third, Gertzen; fourth, Norrish & Bevington.

Champion Boar—Winger, on W's King.

Champion Sow—Edmonds, Shade & Co.

BERKSHIRES.

In this class but three herds were represented: The Ardmore Stock Company, Holstein, Iowa (23 head); J. F. Wheeler, Albert City, Iowa (25 head); C. S. Buckley, Holstein, Iowa (13 head), but the competition was strong and the showing spirited. The following are the awards:

AWARDS.

Aged Boar (1 in class)—Ardmore Stock Company, on Royal Improver.

Boar One Year and Under Two (4 in class)—First, Ardmore Stock Company, on Stumpy Pat; second, Ardmore Stock Company, on Typesetter; third, Wheeler, on Ideal Victor; fourth, Wheeler, on Flossie's Duke.

Boar Six Months and Under Twelve (5 in class)—First, Ardmore Stock Company, on Royal Majestic; second, Buckley, on Conquest II.; third, Wheeler, on Model Victor; fourth, Wheeler, on Model Victor.

Boar Under Six Months (11 in class)—First, Buckley, on Conquest II.; second, same, on Conquest II.; third, Wheeler, on Baron Knight; fourth, Ardmore Stock Company, on St. Patrick of Ardmore.

Aged Sow (4 in class)—First, Buckley, on Pretty Face; second, Ardmore Stock Company, on Columbia Ardmore 7th; third, Wheeler, on Nora B.; fourth, same, on Ardmore Lady.

Sow Twelve Months and Under Twenty-four (4 in class)—First, Buckley, on Inez; second and third, Ardmore Stock Company; fourth, Wheeler, on Dot.

Sow Six Months and Under Twelve (5 in class)—First, Ardmore Stock Company, on St. Patrick; second, same, on St. Patrick; third, Wheeler, on Model Victor; fourth, Buckley, on Topsy.

Sow Under Six Months (7 in class)—First, Buckley, on Conquest II.; second, Ardmore Stock Company, on St. Patrick of Ardmore; third, Wheeler, on Model Victor; fourth, Ardmore Stock Company, on St. Patrick of Ardmore.

Boar and Three Sows Over One Year (2 in class)—First, Ardmore Stock Company, on Typesetter; second, Wheeler, on Ideal Victor.

Boar and Three Sows Over One Year, Bred by Exhibitor (2 in class)—First, Ardmore Stock Company, on Typesetter; second, Wheeler, on Ideal Victor.

Boar and Three Sows Under One Year (3 in class)—First, Ardmore Stock Company, on Royal Majestic; second, Buckley, on Ireland; third, Wheeler, on Model Victor.

Boar and Three Sows Under One Year, Bred by Exhibitor (3 in class)—First, Ardmore Stock Company, on Royal Majestic; second, Buckley, on Ireland; third, Wheeler, on Model Victor.

Get of Sire (6 in class)—First, Ardmore Stock Company, on St. Patrick of Ardmore; second, same, on Royal Majestic; third, Buck-

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ley, on Conquest II.; fourth, Wheeler, on Model Victor.

Produce of Sow (3 in class)—First, Buckley, on produce of Pretty Face; second, Ardmore Stock Company, on produce of Bright H.; third, Wheeler, on produce of Nora Dimple.

Champion Boar Any Age—Ardmore Stock Company, on Typesetter.

Champion Sow Any Age—Buckley, on Inez.

CHESTER WHITES.

The Chester Whites shown at the Sioux City fair composed a fine class of hogs and were given more attention than in former years. The sentiment seemed to be that this breed is growing in popularity and many a Duroc and Poland China breeder were heard to remark that "this is a fine showing of the whites." The following breeders were present: Wm. Hanson, Inwood, Iowa (6 head); A. A. Rogers, Inwood, Iowa (30 head); E. J. Brouhard, Colo, Iowa (29 head); J. P. Turin, Kiron, Iowa (16 head); Frank Martine, Storm Lake, Iowa (14 head); A. B. Heath, Newell, Iowa (14 head). The following awards were made:

Aged Boar (2 in class)—First, Martin, on White Oak; second, Hanson, on Wellington.

Boar One Year and Under Two (7 in class)—First, Brouhard; second, Heath, on Monte Cristo; third, Rogers, on Seductor; fourth, Brouhard.

Boar Six Months and Under One Year (6 in class)—First, Brouhard; second, Rogers; third, Heath.

Boar Under Six Months (13 in class)—First, Brouhard; second and third, Rogers. Aged Sow (8 in class)—First, Brouhard, on Iowa Belle; second, Rogers, on Bacon Bess; third, Turin, on Lady Eclipse.

Sow One Year and Under Two (6 in class)—First, Brouhard, on Hazel; second, same; third, Rogers, on Curly 3d; fourth, Heath, on Snow 7th.

Sow Six Months and Under One Year (7 in class)—First, Brouhard, on Pansy 1st; second, same, on Pansy 2d; third, same; fourth, Turin.

Sow Under Six Months (18 in class)—First, Brouhard; second, Hanson; third, Heath; fourth, Turin.

Boar and Three Sows Over One Year (3 in class)—First, Brouhard; second, Rogers; third, Turin.

Boar and Three Sows Bred by Exhibitor (4 in class)—First and second, Brouhard; third, Rogers; fourth, Turin.

Boar and Three Sows Under One Year (3 in class)—First and second, Brouhard; third, Rogers; fourth, Turin.

Get of Sire, Bred by Exhibitor (5 in class)—First and third, Brouhard; second, Rogers; fourth, Turin.

Produce of Sow (4 in class)—First, Rogers, second, Brouhard; third, Turin; fourth, Hanson.

Sweepstakes Boar—Brouhard.
Sweepstakes Sow—Brouhard.

SHEEP.

It is very evident by the display of sheep at the interstate fair that exhibitors in the territory near Sioux City have not become enthused over that industry. There were two small lots of Shropshires exhibited by J. Roghair, of Orange City, Iowa, and S. Swearingen, of Hornick, Iowa, and Joseph Bernard, of Anthon, Iowa, exhibited some Cotswolds. No attempt was made to fill the classes, the whole being shown as a display.

POULTRY.

The poultry house was well filled with almost all the varieties and this was a place

of interest to visitors almost all the time. The awards were made in the poultry house by J. L. McCorkle, of Akron, Iowa, who pronounced it the best show that had ever been held on the grounds. Had there been many more fowls to place on exhibition additional quarters would have been necessary.

FAIR NOTES.

In the fat steer class was a Short-horn that no feeder would put in the feed lot if he were judged by his head, but the body was good enough to get second place in his class.

The method of showing all kinds of live stock at Sioux City could be very much improved, and if the fair is to advance more attention should be paid to making the stock quarters convenient.

The heat of Sunday and Monday was so intense that Mr. Fred Dralle, of Struble, Iowa, lost five of his choice Polands while on the way to the Sioux City Fair. This helps to make up the unpleasant side of the life of an exhibitor.

It was noticeable that Mr. Charles Steele had a good string of Short-horn bulls at the interstate. Among other good bulls we saw while there were some that belonged to Walpole Bros. In these bulls we find some excellent animals that will be heard from later in the ring, as well as on breeding farms.

A daughter of C. S. Buckley, of Holstein, Iowa, showed some very fine Short-horns and was very much gratified when one of her own animals, a yearling heifer, was taken from near the foot of the class and given second place. The heifer was put where she belonged and we therefore doff our hats to the young lady.

The cattle show at the interstate was far ahead of anything heretofore shown at Sioux City. The same can be said of the hog show, there being twice as many hogs as at any previous fair at the interstate. It is safe to say that many animals that were not winners are still good enough to bring top prices at some of the sales that will be held in the near future.

In the sweepstakes Short-horn bull class at the interstate fair the decision was very close and the ringside people were divided as to where the prize ought to go. Professor Curtiss for a long time debated in his mind whether it should go to the bull, Superbus, owned by the Ardmore Stock Company, or to the Clarke bull which won in his class. The judge finally put him up ahead.

Some confusion was evident in the manner of showing hogs. Mr. Roghair, of Orange City, Iowa, had some pigs showing in the class of produce of sow and the judges never saw them until the awards had been made. One of the judges said he would have been placed in the money and of course was sorry that he had been overlooked. Superintendents should endeavor to secure a square deal for all.

It is safe to say that visitors at the Interstate Fair were not proud of the saloon that did a thriving business under the grand stand all through the week. This is a very conspicuous place and in sight of men, women and children and must have its demoralizing effect on the people. If this fair is to be made a success the beer clause ought to be cut out. The Iowa State Fair could not live long with a saloon running like the one in the interstate grounds.

showing stock; even yet there is an overflow that was put in tents. The grounds have been parked and nicely drained and new walks put down. In a rapidly developing fair, perfect organization is not always possible, and details will be slighted; however, in the future there should be issued an indexed entry catalog, containing names of animals and such data as will make the stock show more comprehensive to those who watch the judging from the amphitheater seats. Unless every animal is placarded with a number corresponding to the entry number, the spectators are in absolute ignorance of what is occurring in the rings, and valuable information thus lost. A closer surveillance of eating houses which become careless in the matter of refuse will undoubtedly be maintained in the future. A very unfortunate thing occurred in the loss of some of the prize animals by being held too long at the fair destination and overcome with heat. A thing of this kind will certainly not happen again if the fair's interests are to be guarded, and there is every indication that they will be.

Splendid inducements were offered for a display of the products of garden, field and factory in the agricultural department, which resulted in a well-balanced exhibit. The educational idea was prominent and well planned by the agricultural college and state horticultural society. The best varieties of fruits for farm orchards, and hardy new varieties for market were shown interestingly. About 2,000 plates of apples and other fruits in proportion comprised the hort-



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icultural exhibit and told of the large extent of the fruit interests of the state. Honey, ginseng, tobacco and many other products made the display a complete one. The county display included eleven participants and some very complete and well-arranged booths were to be seen. One of the foremost in excellence was that of Marathon county, where the idea of agricultural education in common schools is being fostered. Prize money to the amount of \$1,500 was divided among the best displays. The machinery men occupied ten acres, with a most complete showing of farm implements, and many were the suggestions that visitors received concerning the saving of labor on the farm.

The live stock show was the best ever held in the state, and better classes than those that came out for adjudication in some of the breeds are not seen in any fair of similar importance. While all breeds made a creditable showing, the Short-horns and Percherons were in advance. Dairy cattle were strong in the number of breeds and comprised about half of the cattle show in point of numbers. The totals were in round numbers 150 horses and 400 cattle, and but few of this number came from outside the state. A grand parade was the final educational feature. It may be safely said that as a producer of good stock, Wisconsin has a bright future and from the flocks and fields may be expected many prize-winners in the years to come.

The Wisconsin Draft Horse Breeders' Association and the state board of agriculture offered very liberal support to the horse show in the way of prize money to special and farmers' classes. The former organization is the result of the efforts of Dr. Alexander and the intention of its members is to place the business of breeding horses on sound principles that will lead to definite results. That inestimable good will be accomplished by this movement is already demonstrated in the showing made from one of its strong centers, the Richland County Horse Breeders' Association. During the last two years this organization has placed forty Percheron mares of pure breeding in their community and the result is that they played a very prominent part in the show. Jay-Eye-See, the famous combination pacer and trotter, now twenty-eight years old, was an attraction to many fair visitors.

Dairy Hall contained a nice display of dairy products, but good organization was lacking. The cheese display contained about 200 entries, and of many varieties, while the butter exhibit was solely comprised of firkins, tubs and packages of the golden product for the scoring contest. A much more extensive exhibit might be expected in a state that produces annually \$55,000,000 worth of these products. Much interest would have been added to the exhibits had

they been placarded or described in some manner to indicate their prominence in the exhibit. A milking machine in actual operation was a drawing card that was of interest to all, while dairy machinery was well displayed by manufacturers. The state veterinarian demonstrated the danger of the transmission of tuberculosis to swine by the feeding of dairy by-products. Actual specimens of diseased parts were explained and forcefully impressed observers with the importance of combating this dread disease in their herds.

Officials and patrons of the Wisconsin State Fair are highly gratified over the result of this year's show. Every department has made a better and larger display than heretofore. While the policy of the management is to encourage exhibitors from outside the state to attend, it is not the idea to allow the farmer, who is to be ultimately benefited by these fairs, to be slighted for the purpose of making a national institution out of what should properly be a state affair. The Milwaukee fair affords the opportunity to see and study the products of Wisconsin soil and the results of Wisconsin industry.

CATTLE.

SHORT-HORNS.

A better exhibit of the red, white and roans than that shown at the Wisconsin State Fair this year is rarely seen. There were many reasons for such an assertion. Every exhibitor was a native of the state, and with such a nucleus as the herd of Whitehall Sultan's fame, breeders are fast pushing their stock to a high standard of excellence. The show was not confined in its excellence to a few stars, but there were herds that were way above the rank and file of Short-horns in merit. Classes were well filled and with the exception of some animals that were undersized the showing was most gratifying to stockmen. Among those working to improve this breed are men with some of the best years of life before them, which fact should make Wisconsin one of the strongest Short-horn centers in the country in coming years. The most exciting contest was that waged over champion bulls. A most eager crowd of talent eyed every movement of Mr. Thomas Clark as he made a detailed examination of Whitehall Marshall, then of Royal Sultan, before he could make the first bull his choice. His remark that "they were two of the best bulls he had seen in many a day" was generally conceded without condition. Some surprise was occasioned in the choice of Helen of Troy for first in the two-year-old class, although she is a most exceptional animal, and if she should meet her rival again this season the decision will be interesting. Those who showed were F. W. Harding, Waukesha, Wis. (16 head); E. D. Jones & Son, Rockland, Wis. (7 head); Herr Bros. & Reynolds, Lodi, Wis. (14 head); R. C. Jones, Oregon, Wis. (13 head); A. A. Arnold, Galesville, Wis. (11 head); Divan Bros., Ludlow, Wis. (11 head); W. J. Bernd, New Richmond, Wis. (11 head); G. Hatch, Wisconsin.

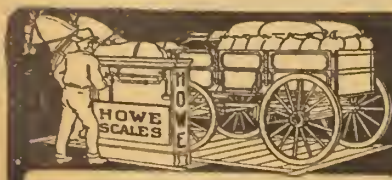
AWARDS

Aged Bull—First, Harding, on Whitehall Marshall; second, Jones, on Young Demon; third, Jones & Son, on Lord Harvester; fourth, Bernd, on Archer Hulstead; fifth, Divan Bros., on Caesar Augustus; sixth, Arnold & Son. A nice handling roan filled second place. He was criticized for being small in the heart, otherwise he was much the best bull for the place. Two bulls of

WISCONSIN STATE FAIR

Monday of last week, the first day of the Wisconsin fair, opened under most auspicious weather conditions, which continued throughout the week, and as a result the total attendance for the week was close around the 150,000 mark. Opening day was children's day and Fair Park was practically turned into an immense playground for the youngsters who found unbounded delight in the Indian village, the stock and extensive poultry and pigeon display and other well-selected amusements on the grounds. Gate receipts show an increase of about 30 per cent over last year's fair.

Under the aggressive management of President McKerrow and his cabinet, many badly needed improvements have been realized, with more to follow. A splendid new live stock amphitheater and three new barns have greatly improved the facilities for keeping and



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fair type contested for third place, with the result that Lord Harvester, a somewhat undersized animal, won over Archer Hlastead, which was not as smooth-bodied a type.

Bull Two Years Old—First, Herr Bros. & Reynolds, on Royal Sultan; second, Divan Bros., on Caesar LaCrosse; third, Dawson, on Feunmore Coburn.

Yearling Bull—First, Herr Bros. & Reynolds, on Royal A.; second, Bernd, on Choice Archer; third, same, on Home Archer.

Senior Bull Calf—First, Harding, on Anoka Sultan; second, same, on Gloster Marshall; third, Herr Bros. & Reynolds, on Commodore; fourth, same, on Lassie's Last; fifth, Jones, on Dalmeny Boy; sixth, Divan Bros., on Fashionable Augusta. Harding's white bull won first in this class easily, but for second place there were two very good youngsters that gave the judge some interesting work. Commodore, a roan of trim lines and low set build, would probably have been more favored by the ringside had he carried more flesh over his crops and loin, which point was a strong one in the final choice for second.

Junior Bull Calf—First, Herr Bros. & Reynolds, on Sultan of Lodi; second, Harding, on The Goods; third, same, on Sultan Commander; fourth and fifth, Jones.

Aged Cow—First, Harding, on Princess Flora 2d; second, same, on Money Fluffie Maid; third, Bernd, on Lady Lovell 4th; fourth, Jones, on Louise; fifth, Herr Bros. & Reynolds, on Mary Ann of Variety Grove; sixth, Divan Bros., on Rose Cadiz.

Cow Two Years Old—First, Herr Bros. & Reynolds, on Helen of Troy; second, Harding, on Anoka Broadhooks; third, Jones, on Roan Lady; fourth, Divan Bros., on Bonnie Belle; fifth, Bernd, on Rosy Jane.

Yearling Heifer—First, Harding, on Missie Browndale; second, same, on Clara Belle; third, same, on Fanny Lovell; fourth, Herr Bros. & Reynolds, on Mamie Abbottsburn; fifth, Jones, on Lady Helen Marr; sixth, Herr Bros. & Reynolds, on Bernice. The Abbottsburn heifer was a close rival for third place, having plenty of size and quality, but a bit off at the crops and heart. The three first heifers are certainly an exclusive trio in any company.

Senior Heifer Calf—First, Harding, on Anoka Gloster 2d; second, same, on Broadhooks Sultana; third, Herr Bros. & Reynolds, on Lady Sultan; fourth, Harding, on Claret; fifth, Jones, on Lady Englewood; sixth, Herr Bros. & Reynolds, on Mabel. Half of the twelve classes that made a showing in this lineup were of very notable uniformity in type and quality. However, there was more difference in condition and minor points of excellence on which the decisions were made.

Junior Heifer Calf—First, Herr Bros. & Reynolds, on Royal Lady; second, Harding, on Ramsden Flower; third, Divan Bros., on Fairy Belle; fourth, Harding, on Roan Lady 5th; fifth, Bernd, on Happy New Year.

Four Animals, Get of One Sire—First, Harding, on get of Whitehall Sultan; second, Herr Bros. & Reynolds, on get of Royal Sultan; third, Jones, on get of Englewood; fourth, Harding, on get of Whitehall Marshall; fifth, Divan Bros., on get of Caesar Augustus.

Produce of Female—First and second, Harding; third, Divan Bros.; fourth, Jones. Exhibitor's Herd—First, Harding; second, Herr Bros. & Reynolds; third, Jones; fourth, Divan Bros.; fifth, Bernd.

Young Herd—First, Harding; second, Herr Bros. & Reynolds; third, Jones; fourth, Harding; fifth, Divan Bros.

Calf Herd—First, Harding; second, Herr Bros. & Reynolds; third, Jones.

Champion Bull Over Two Years—Whitehall Sultan.

Champion Cow Over Two Years—Helen of Troy.

Champion Bull Under Two Years—Anoka Sultan.

Champion Heifer Under Two Years—Missie Browndale.

HOLSTEIN FRIESIANS.

The Holsteins made a most successful exhibit at the Wisconsin State Fair. Easily the strongest in numbers and not excelled in general excellence by any of the standard breeds, lovers of these cattle should feel gratified over the showing. Moreover, it was a Wisconsin affair, with the exception of one breeder. Five breeders with very well-matched and properly-fitted herds brought out some full and close classes which were passed upon by Mr. F. H. Scribner, of Rosendale, Wis., in a very satisfactory and affable manner. Only with difficulty in some instances was Mr. Barney, of Iowa, able to carry away as many ribbons as he did. However, the general uniformity of dairy type shown in this herd made for it very consistent winning. The representation of Holsteins were in the hands of the following men: E.

J. Fargo, Lake Mills, Wis. (13 head); Rust Bros., Greenfield, Wis. (14 head); E. T. Carroll, Wales, Wis. (15 head); N. Grimm, Ringgold, Wis. (13 head); W. B. Barney & Co., Hampton, Iowa (12 head).

AWARDS.

Aged Bull—First, Barney & Co., on Jewell of Home Farm; second, Grimm, on Colanthus 2d Prince; third, Carroll, on Gold Coin Colanthus. All five bulls shown in this class were good Holsteins, the most common failing being perhaps not enough refinement, as is seen in the winners of the day. However, it is a question if this feature in breeding Holsteins may not be overdone.

Bull Two Years Old—First, Grimm, on Johanna Rue Lad; second, Grimm.

Yearling Bull—First, Barney & Co., on Captain Way; second, Rust Bros., on Sir Josephine Aaltaje Salo; third, Grimm.

Bull Calf—First, Fargo; second, Barney & Co., on Josephine Lad De Kol; third, Carroll, on Vievo Piebe. Some splendid type and character were reflected in the winners of this and the class previous.

Aged Cow—First, Barney & Co., on Parthena Hagerfeld; second, Fargo, on Barbetta 3d; third, Rust Bros., on Akkrummer Earnestina. Thirteen matronly-looking animals with good indications of large performance made this a notable class.

Cow Two Years Old—First, Barney & Co., on Florence Jewel De Kol 3d; second, Carroll, on Sluces Piebe De Kol; third, Grimm.

Yearling Heifer—First, Barney & Co., on Empress Gerben of Home Farm 3d; second, Rust Bros., on Aaltje Salo Netherline 5th 56th; third, Barney & Co., on Lustem Belljeek.

Heifer Calf—First, Barney & Co., on Lady Myrtle Gerben; second, Rust Bros., on Aaltje Salo Princess Paulee 2d; third, Carroll.

Get of Sire—First, Rust Bros., on get of Prince Inka Petertje De Kol 2d; second, Barney & Co., on get of Colanthus Lad 4th.

Produce of Cow—First and second, Rust Bros.

The four championships were awarded to Barney & Co.

ABERDEEN-ANGUS.

Mr. Thomas Clark, of Beecher, Ill., made the awards in the Angus classes and found no difficulty in making prompt and satisfactory decisions. The most important class was that of aged cows where three very smooth, typical forms headed by Glenfoill Rose attracted much admiration as they were led out of the arena. No entries in the two-year-old bulls made this end of the competition much smaller. The McHenry herd were in much better condition and won easily on their size and symmetry. The exhibitors were J. D. Hatch, Lancaster, Wis. (14 head); W. L. Hauser, Mondovi, Wis. (10 head); Alexander, Stuart Lumber Company, Warsaw, Wis. (12 head); W. A. McHenry, Denison, Iowa (11 head).

AWARDS

Aged Bull—First, McHenry, on Baden Lad; second, Hauser, on Morgan Farm; third, Alexander, Stuart Lumber Company, on Black Hawk.

Yearling Bull—First, McHenry, on Star of Denison; second, Hauser, on Ethelwold; third, Hatch, on Accepted.

Bull Calf—First, McHenry, on Prince Pico; second, Hauser; third, Hatch, on Curley Barba.

Aged Cow—First, McHenry, on Glenfoill Rose; second, Alexander, Stuart Lumber Company, on Elenor's Queen Fanny; third, Hauser, on Petosi's Dimple; fourth, Alexander, Stuart Lumber Company, on Rubicon Macnone; fifth, Hauser, on Ruth of Cherokee 2d; sixth, Hatch, on Duchess Hortense 3d.

Cow Two Years Old—First, McHenry, on Barbara McHenry 18th; second, Hatch, on A's Lucy; third, Alexander, Stuart Lumber Company, on Bessie Pine; fourth, Ethelwold Farm, on Ethelwold Dimple.

Yearling Heifer—First, McHenry, on Pride McHenry 45th; second, same, on Pride of Abess; third, Alexander, Stuart Lumber Company, on Key of Chicago; fourth, same, on Meadow Knight.

Heifer Calf—First, McHenry, on Blackbird 66th; second, same, on Pride of McHenry 57th; third, same, on Abess McHenry 7th; fourth, same, on Pride of McHenry 53d; fifth, Alexander, Stuart Lumber Company, on Minnie Pine.

Get of Sire—First, McHenry, on get of Bobbie Dobbs; second, Alexander, Stuart Lumber Company, on get of Barge Eclipse.

Produce of Cow—First and second, McHenry.

All championships went to McHenry.

HEREFORDS.

The showing of Herefords was made without creating any great interest from the standpoint of competition, as Cargill & McMillan, of LaCrosse, Wis., found no difficulty in taking the best ribbons. This fact would not necessarily signify that the remainder of the exhibit was not of good quality, for the LaCrosse herd have yet to meet their equal this season. Principle 4th was not at the show, which left the field open for other exhibitors. Royal, owned by A. C. Robinson & Son, took first in this class and had much the advantage in size over Capricornus, owned by H. N. Thomson, whose animals were hardly in the finish to handle and show as much flesh as is desirable. The exhibitors who appeared are as follows: Cargill & McMillan, LaCrosse, Wis. (12 head); H. N. Thomson, Woodstock, Ill. (8 head); J. C. Robinson & Son, Evansville, Wis. (11 head). Mr. Thomas Clark made the awards without any difficulty.

AWARDS

Aged Bull—First, Robinson & Son, on Royal; second, Thomson, on Capricornus.

Bull Two Years Old—Cargill & McMillan, on Privateer.

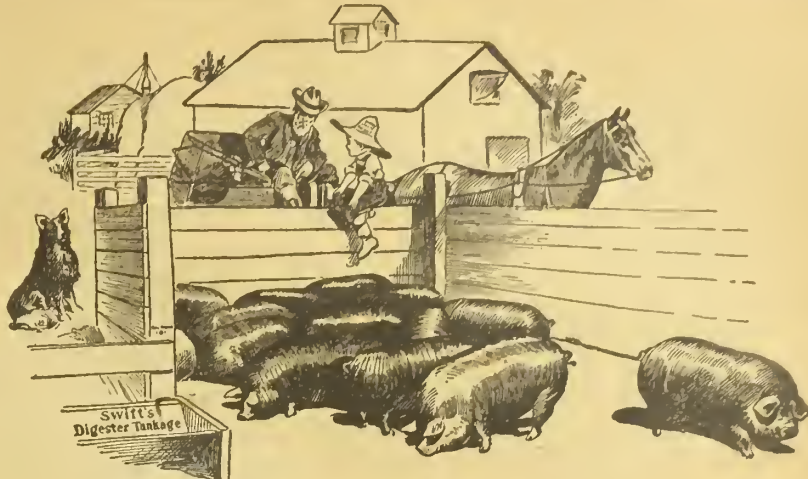
Yearling Bull—First, Cargill & McMillan, on Bonnie Brae 3d; second, Thomson, on Rustler; third, Robinson & Son, on Rolland.

Bull Calf—First, Cargill & McMillan, on Fulfiller 3d; second, same, on Fulfiller 5th; third, Thomson, on Lucky Help.

Aged Cow—First, Cargill & McMillan, on Heliotrope; second, same, on Twilight; third, Thomson, on Cherry Pie 8th.

Cow Two Years Old—First, Cargill & McMillan, on Miss Donald 17th 184573; second, same, on Golden Lassie 182126; third, Robinson & Son.

Yearling Heifer—First, Cargill & McMillan, on Ethel 2d 203170; second, same, on



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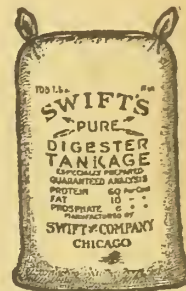
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Magnonette 209514; third, Thomson, on Hildegard.

Get of Sire—First, Cargill & McMillan; second, Robinson & Son.

Produce of Cow—First, Cargill & McMillan; second, Robinson & Son.

Champion Bull Over Two Years—Cargill & McMillan, on Privateer 2d.

Champion Cow Over Two Years—Cargill & McMillan, on Heliotrope.

GUERNSEYS.

This dairy breed was well represented by a uniform exhibit and in point of numbers was second. Keen interest was manifest in the judging on account of the fact that no one breeder was able to secure the best ribbons, and Guernsey showmen enjoyed a nice, even contest. An organization known as the Waukesha Guernsey Association was represented by five breeders who are working along the right lines for improvement. Their cows were all in the Advanced Registry. Following is a list of those who showed: W. M. Jones, Waukesha, Wis. (10 head); R. M. Rowlands, Waukesha, Wis. (6 head); J. W. Williams, Waukesha, Wis. (4 head); Seymour Bros., Manitosa, Wis. (12 head); Brookhill Farm, Geneseo, Wis. (8 head); Fred Vogel, Jr., Milwaukee, Wis. (11 head); M. D. Cunningham, Kansasville, Wis. (12 head).

AWARDS.

Aged Bull—First, Cunningham, on Robene's Standard; second, Vogel, on Treritos Lonen; third, Cunningham, on Sorograt.

Bull Two Years Old—First, Seymour Bros., on Sir Lionel 2d.

Yearling Bull—First, Jones, on Lord of Waukesha; second, Cunningham, on Hatfield's Bonnie; third, Vogel, on Athenian.

Bull Calf—First, Williams, on Knight of Gold; second, Cunningham, on Coliseum; third, Green, on Howard of Brookfield.

Aged Cow—First, Vogel, on Rosalind of Fern Ravine; second, Cunningham, on De Fes; third, Vogel, on Lily O. K.

Cow Two Years Old—First and second, Cunningham; third, Seymour Bros.

Yearling Heifer—First, Williams; second, Cunningham; third, Jones.

Heifer Calf—First, Williams; second, Jones; third, Cunningham.

Get of Sire—First, Cunningham; second, Jones.

Produce of Cow—First, Seymour Bros.; second, Cunningham.

Champion Bull Over Two Years—Cunningham.

Champion Cow Over Two Years—Vogel.

Champion Bull Under Two Years—Jones.

Champion Heifer Under Two Years—Jones.

AYRSHIRES.

This breed is becoming one of the popular dairy breeds in the regions adapted to dairying and breeders find ready demand for their surplus in the rough farm lands throughout the North. Some breeders are working for more size, while quality can stand considerable improvement. In the herd of Adam Seitz were some very pretty heifers with very desirable quality. His cow, Altabrook 2d, has a yearly record of 11,500 pounds of milk, with a test of 4.5 per cent butter fat. Others showed good indications for like performance. Those showing were Adam Seitz, Waukesha, Wis. (12 head); Sam Jones, Juno, Wis. (13 head); E. Finn, Whitewater, Wis. (12 head).

AWARDS.

Aged Bull—First, Jones, on Ivanhoe of St. Ann's; second and third, Finn.

Bull Two Years Old—First, Seitz, on Darmon Chief Avon; second, Finn, on Koshkonong King.

Yearling Bull—First, Jones, on Major Juno; second, Jones, on Major Belle.

Bull Calf—First, Seitz; second and third, Jones.

Aged Cow—First, Seitz, on Altabrook 2d; second, Seitz, on Altabrook 3d; third, Jones, on Josie Pender.

Cow Two Years Old—First, Seitz; second and third, Jones.

Yearling Heifer—First, Seitz; second, Jones; third, Finn.

Heifer Calf—First, Jones; second, Seitz; third, Jones.

Get of Sire—First, Seitz; second, Jones.

Produce of Cow—First, Seitz; second, Jones.

Champion Bull Over Two Years—Jones, on Ivanhoe of St. Ann's.

Champion Cow Over Two Years—Seitz, on Altabrook 2d.

Champion Bull Under Two Years—Jones, on Major Juno.

Champion Heifer Under Two Years—Seitz, on Coloperator of Waukesha.

RED POLLS.

Prof. G. C. Humphrey, of Madison, Wis., made the awards in this breed and found some good ones to work on. After the showing that this dual-purpose breed has made at Iowa, Minnesota and Wisconsin respectively, this year, breeders should be well satisfied, while the general observer must conclude that despite the fact of variation in breeds of the dual-purpose kind, this one presents a very stable type. Cows of great performance at the pail, with the ability to put on flesh rapidly when not making milk, have not been uncommon. Three herds were shown and were owned by the following breeders: J. Slimmer, Wausau, Wis. (20 head); A. W. Dopke, Milwaukee, Wis. (12 head); Geo. B. Buck & Co., Orion, Ill. (13 head). The awards:

AWARDS.

Aged Bull—First, Slimmer, on May Duke 8th; second, Buck & Co., on Money Maker; third, Dopke.

Bull Two Years Old—First, Slimmer, on Dare; second, Dopke, on Village Boy.

Yearling Bull—First, Slimmer, on May Duke 13th; second, Buck & Co., on Zamon.

Bull Calf—First, Buck & Co., on Rumble; second, Slimmer, on May Duke 20th; third, Buck & Co., on Monmouth.

Aged Cow—First, Slimmer, on Parthenope L.; second, Slimmer, on Miss Brown; third, Slimmer, on Imp. Nell.

Cow Two Years Old—First, Buck & Co., on Dewdrop 4th; second, Slimmer, on Duke's Parthenope; third, Slimmer, on Duke's Hagar.

Yearling Heifer—First, Slimmer, on Duchess Brown; second, Buck & Co., on Red Belle; third, Dopke, on Miss Chadwick.

Heifer Calf—First and second, Slimmer; third, Dopke.

Get of Sire—First and second, Slimmer.

Produce of Cow—First and second, Slimmer.

The champions in the aged and the young animals were awarded to Slimmer.

POLLED DURIAMS.

The exhibit of this breed was in the hands of two breeders and included some animals of great size, combined with good fleshing qualities, although there is not that smoothness that the block demands. W. M. Smiley, of Albany, Wis., had perhaps the most size

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and scale in his showings, while among his young stuff there was a very smooth, growthy pair of heifers out of Monarch 3520X that created favorable comment. This bull showed and won sweepstakes at this year's Nebraska fair, although Roan Hero, owned by Shaver & Deuker, of Kalona, Iowa, a second choice at that fair, was considered by some to have had some the advantage. Wasb. Courtner & Son, of Farmland, Ind., was a close competitor, but had but six animals, which lacked a little in size and slightly off in quality. Prof. Geo. C. Humphrey, of Madison, Wis., made the awards. Smiley won the four championships, on the aged bull, Monarch, and the aged cow, Whitestockings 2d. Courtner showed a good type of the two-year-old bull without competition and got first and third in the aged cow class.

BROWN SWISS.

While there are several breeders of the Brown Swiss in Wisconsin, but one made an appearance. This was the same one that exhibited at Minnesota the week previous where it attracted considerable attention. H. W. Ayers, of Honey Creek, Wis., was this exhibitor and to him belongs the credit of upholding the merits of this breed in a very creditable and affable manner.

JERSEYS.

This breed had a very small representation, but of good quality. Aside from the ten animals shown by Dixon & Deane, of Brandon, Wis., there was shown an aged bull, Hood's Combination 5229, taking second, and a heifer calf getting third in her class, these two being the property of E. T. Thomas, Mashotah, Wis. Mr. Scribner made the awards.

HORSES.

PERCHERONS.

The size and quality of this exhibit was a subject of frequent comment among horse admirers. It was good for other reasons. With one exception it was local to the state and told people in a very convincing manner that as good representatives of this draft breed could be purchased at home as elsewhere. The Richland County Horse Breeders' Association made a splendid showing and were worthy competitors for the best that was shown. Their showing was partly comprised of some well-shaped colts with mares of the plain, durable kind. This association is young and it will be of interest to watch the outcome of its efforts, which are purely for the improvement of their local holdings. Keen interest was taken in every class, as no one exhibitor had things his way, and ribbons were well distributed by W. E. Pritchard, of Ottawa, Ill., among the following breeders: Lew W. Cochran, Crawfordville, Ind. (13 head); H. A. Briggs, Elkhorn, Wis. (7 head); Lewis Lewellin & Son, Waterloo, Wis. (11 head); Richland Horse Company, Richland Center, Wis. (15 head); Fred Pabst, Oconomowoc, Wis. (16 head); A. W. & F. E. Fox, Waukesha, Wis. (13 head); Schley Bros., Waukesha, Wis. (4 head); J. H. Williams, Waukesha, Wis. (5 head); W. H. Hauser, Mondovi, Wis.

AWARDS.

Aged Stallion—First, Richland County Horse Breeders' Association, on Valseur; second, Briggs; third, Cochran, on Salvanos. The first in this class was fourth in his ring at the last year's International and not all were agreed as to his placing.

Stallion Three Years Old—First, Hauser, on Shoking; second, Lewellin & Son; third, Pabst.

Stallion Two Years Old—First and third, Pabst; second, Briggs. Some would have criticized this placing, as first choice had hardly the amount of substance and flat bone that indicates durability. Otherwise the horse was much thicker muscled and of the closer-coupled type than the rest of the class and fitted well at the head of the list.

Yearling Stallion—First, Cochran, on Macduff; second, Cochran, on Amerigo; third, Pabst. Macduff is a horse of strong character and build and won first in a strong class at Minnesota and second in home-bred class at Iowa.

Stallion Foal 1906—First, Richland County Horse Breeders' Association; second, Pabst; third, Lewellin & Son.

Aged Mare—First, Pabst, on Festinia; second, Pabst, on Petrel; third, Briggs. Twelve mares of very good quality made this one of the best classes. There was a hint of protest over the showing of Festinia, although she is a compactly-built beast and well shaped.

Mare Three Years Old—First, Cochran, on Lady of Quality; second, Richland Horse Company, on Lora Queen; third, Briggs.

Mare Two Years Old—First, Richland County Horse Breeders' Association, on Lady 41922; second, Lewellin & Son; third, Richland Horse Company, on Mayoholo 41533. The Richland County Horse Company made a strong showing in this class with great, well-grown mares.

Yearling Filly—First, Lewellin & Son; second, Cochran, on Sweet Marie; third, Richland Horse Company, on Rosetta P.

Get of Sire—First, Pabst; second, Cochran.

Produce of Mare—First, Pabst; second, Lewellin & Son.

Aside from liberal prizes offered in a farmers' class and special premiums given

to Wisconsin breeders by the Wisconsin Draft Horse Breeders Association and the state board of agriculture conjointly, the following ones were given by the Percheron Society of America:

Champion Stallion—Hauser, on Shoking.
Champion Mare—Richland County Horse Breeders' Association, on Laura.
Champion Stallion, American Bred—Cochran, on Macduff.
Champion Mare, American Bred—Richland County Horse Breeders' Association, on Laura.
Best Group of Five Stallions—Fred Pabst.
Best Group of Three Mares—Richland County Horse Breeders' Association.

CLYDESDALES.

The Clydesdales made a creditable showing and despite the fact that they were few in numbers, they received much favorable comment. Strongly-coupled bodies, flat bone of durable quality and level action were characteristic of most of the animals shown. Prof. W. B. Richards, of the North Dakota Agricultural College, made the awards for the following breeders: McLay Bros., Janesville, Wis. (13 head); W. L. Hauser, Mondovi, Wis. (11 head); Galbraith Bros., Janesville, Wis. (7 head).

AWARDS.

Aged Stallion—First, Hauser, on Criterion; second, McLay Bros., on Prince Punctual; third, Galbraith Bros.

Stallion Three Years Old—First, McLay Bros., on Montrose; second, same, on St. Columba; third, Galbraith Bros., on Baron Reliance.

Stallion Two Years Old—First, Galbraith Bros., on Baron Clifton; second, McLay Bros., on Scottish Mint; third, Hauser, on Prince Winsome.

Yearling Stallion—First, Hauser, on Prince Fortune; second, same, on The Professor.

Aged Mare—First, McLay Bros., on Princess Handsome; second, Galbraith Bros., on Flossie; third, Hauser, on Lady Winsome. This class was notable for great size and massiveness, combined with plenty of quality and good action.

Mare Three Years Old—First, Galbraith Bros., on Strathanderick Jean; second, McLay Bros., on Lady Graceful.

Mare Two Years Old—First, McLay Bros., on Point Lace; second, same, on Miss Sloan; third, Hauser, on Thorncliffe Belle.

Yearling Filly—First, Hauser, on Princess Winsome; second, McLay Bros., on Florentia.

Mare Foal 1906—First, Hauser, on Winsome Princess.

Get of Sire—First, Hauser.

Produce of Dam—First, Hauser.

ENGLISH SHIRES.

This exhibit contained a stallion and three mares owned by Lew W. Cochran, of Crawfordville, Ind., and the massive stallion, Earl King, owned by Galbraith Bros., Janesville, Wis. He was shown alone and was generally admired as being a good one in all particulars. John D. 8241 was the stallion that won first in a good class of two-year-olds at Minnesota the week previous for Mr. Cochran.

BELGIANS.

H. A. Briggs, Elkhorn, Wis., was the only exhibitor and showed five stallions, all up to standard excellence. The awards were all made as cataloged. W. E. Pritchard, of Ottawa, Ill., placed the awards.

SWINE.

The hog show at Wisconsin State Fair was never as good as this year, even though the show was made up almost entirely from Wisconsin herds, with the exception of a herd of Chester Whites belonging to Humbert & White, of Iowa, Berkshires from Indiana owned by Eltzer & Moses and C. D. Johnson, of Nashua, Iowa. Eight breeds were represented and in the following numbers: Chester White (82 head), Yorkshire (10 head), Berkshire (140 head), Tamworth (23 head), Victoria (50 head), Poland China (183 head), Duroc Jersey (95 head), total 588 head. Victoria and small Yorkshires were classed as miscellaneous breeds and were shown together, in most cases the Victorias winning the best awards. J. N. Dillon, of Mondovi, Wis., had in charge this part of the show. R. A. Jones, of Belmont, acting as judge for all breeds. Tamworths, Durocs and miscellaneous breeds were shown Tuesday.

POLAND CHINAS.

This breed as usual was well represented, twelve breeders bringing out hogs of the very best strains and quality. All of these exhibitors except Zach. Keene, of Three Oaks, Mich., were Wisconsin breeders. Many of these herds already exhibited at Des Moines and Hamline were well fitted for strong competition. As the classes were large the judging of this breed consumed a large part of one day. The animals were a typical and modern lot and for the most part standing straight on their legs, low set, good length and strong backs. The young classes were particularly strong in number, although quite a number of animals entered were not shown. In general the awards were pretty evenly distributed and general satisfaction was expressed by the exhibitors. Some of these failing to get awards in the open class got in on the special Wisconsin class, where five awards were offered. Exhibitors and number exhibited by each are as follows: Geo. Martin, Darlington, Wis. (26 head); W. G. Bartholf, Burlington, Wis. (11 head); Jacob Kreuscher, Jr., Somers, Wis. (25 head); W. J. Bernd, New Richmond, Wis. (25 head); A. Beaumont, Belmont, Wis. (1 head); T. P. Bishop, Whitewater, Wis. (14 head); Robt. Flint, Argyle, Wis. (6 head); J. R. Gordon, Mineral Point, Wis. (12 head); M. W. Reed, Whitewater, Wis. (11 head); L. P. Martiny, Chippewa Falls, Wis. (22 head); Jas. Hogan & Son, Waumakee, Wis. (21 head); Zach. Keene, Three Oaks, Mich. (11 head); total 188 head. Four boars came out in aged class, Geo. Martin winning first on Prince 87445 by Conductor 75997, L. P. Martiny following close with Groat's Tobo Bob's Tecumseh, Martin's boar having a stronger back and better hams. The championship boar won first in class in the yearlings. This boar, Dictator 6429, by Peacemaker and out of Dark Perfection, owned by Geo. Martin. This class had six good representatives. Boars in under one year class were not as strong as was expected, only five coming

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out, but in class under six months eighteen came before Judge Jones. Keene, of Michigan, won first on aged sows. This animal was afterwards awarded championship. This animal was Lillian Winn 279754 by Lamp-lighter and out of a Perfect I Know sow. This class was a strong one, eight coming out for awards. Keene also led in yearling sow on sow by Belle Keep On by Keep On 61015 and out of Chief Gem 2d, Geo. Martin pushing a close second with Perfection Star 280008 by Kelly's Perfection 84317 and out of Lulu K. 224170. Sow under six months class was stronger than over six months class—fourteen in the former and eight in the latter. First in under six months class was won by Gordon, on Darkness Perfection, a granddaughter of Chief Perfection. Martiny's Lady G's Perfection by G's Perfection, the noted boar at Iowa and Illinois State Fairs in 1903, with her litter won first in produce of sow. Aged herd, first to Keene, on herd headed by third-prize yearling boar, and second to Martin, on herd headed by Prince 87445. The Poland China show, though inferior in numbers to Des Moines and Hamline, had equally as good representatives. A good feeling prevailed among the exhibitors, and especially toward the judge. Awards as follows:

AWARDS.

Aged Boar (4 in class)—First, Martin, on Prince 87445; second, Martiny, on Groat's Tobo; third, Keene.

Yearling Boar (6 in class)—First, Bishop, on Dictator 64295; second, Bartholf; third, Keene.

Boar Six Months and Under One Year (5 in class)—First, Gordon, on Gordon's Oakridge by Colonel Oakridge; second, Keene; third, Martiny.

Boar Under Six Months (18 in class)—First, Beaumont; second and third, Flint.

Aged Sow (8 in class)—First, Keene, on Lillian Winn 279754; second, Flint; third, Hogan.

Yearling Sow (8 in class)—First, Keene, on Belle Keep On; second, Martin; third, Hogan.

Sow Six Months and Under One Year (8 in class)—First, Flint; second, Martin; third, Keene.

Sow Under Six Months (14 in class)—First, Gordon, on Darkness Perfection; second, Reed; third, Bishop.

Produce of Sow (4 in class)—First, Martiny, on Lady G's Perfection; second, Martiny; third, Kreuscher.

Get of Sire—First, Keene; second, Martiny.

Champion Boar—Bishop, on Dictator 64295. Champion Sow—Keene, on Lillian Winn 279754.

Aged Herd—First, Keene; second, Martin; third, Martiny.

DUROC JERSEYS.

Just as soon as the Tamworths were placed the Durocs were called out. A better lot never assembled before on Wisconsin State Fair grounds. The hogs were well fitted, many of them coming direct from Des Moines and Hamline, winning firsts and championships there. The following is the list of exhibitors, with number of animals exhibited by each: Geo. Martin, Darlington, Wis. (6 head); F. H. Patten, Lyons, Wis., Route 1 (23 head); W. G. Bartholf, Burlington, Wis. (11 head); E. Crall & Son, Evansville, Wis. (17 head); W. W. Vaughan & Sons, Lyons, Wis. (12 head); Reed, Wright & Co., Whitewater, Wis. (26 head); total, 95 head. The most extensive exhibitor in the list was Reed, Wright & Co., who won all first in classes except in sows six months and under one year, also in sows under six months, winning all championships and two-thirds of the prize winners in all classes on descendants of Sensation Jr. 22461, sold in December, 1905, for \$400. His quality is stamped on his offspring. Three aged boars came out for awards. First went to Reed, Wright & Co., on Perfection Chief by Ideal Perfection 27415 and out of Creole Belle 43286. This boar was also first and championship at Des Moines and Hamline. Second went to Sandy Andy 38231 by Bob and out of Lady Broadback.

Sandy Andy is owned by E. Crall & Son. Reed, Wright & Co. again came first on yearling boars on Sensation Prince 43039 by Sensation Jr. 22461 and out of Nerissa 43208. Reed, Wright & Co. were equally as strong on sows, winning first in aged class on Sensation Lady 97876 by Sensation Jr. and out of Vivian; also first in yearlings on Golden Beauty 124024 by Ideal Perfection and out of Red Riding Hood. This sow won championship at Des Moines and Hamline, as well as this show. E. Crall & Son following these in both classes. Six months' sow went first and second to Crall & Son. Wondermaid by Sensation Jr. and out of Reed's Favorite, with her litter of twelve, owned by Reed, Wright & Co., won first on produce of sow. Awards as follows:

Aged Boars—First, Reed, Wright & Co., on Perfection Chief; second, Crall & Son, on Sandy Andy; third, Patten.

Yearling Boar (9 in class)—First, Reed, Wright & Co., on Sensation Prince 43039; second, Crall & Son; third, Reed, Wright & Co.

Boar Six Months and Under One Year (9 in class)—First, Reed, Wright & Co.; second, Bartholf; third, Martin.

Boar Under Six Months—First, Reed, Wright & Co.; second, Crall & Son; third, Patten.

Aged Sow (3 in class)—First, Reed, Wright & Co., on Sensation Lady 97876; second, Crall & Son; third, Reed, Wright & Co.

Yearling Sow (8 in class)—First, Reed, Wright & Co., on Golden Beauty 124024; second, Vaughan & Son; third, Crall & Son.

Sow Six Months and Under One Year (6 in class)—First and second, Crall & Son; third, Martin.

Sow Under Six Months (10 in class)—First, Vaughan & Son; second, Reed, Wright & Co.; third, Crall & Son.

Produce of Sow (4 in class)—First, Reed, Wright & Co., on Wondermaid and litter; second, Patten; third, Vaughan & Son.

Champion Sow (6 in class)—First, Reed, Wright & Co., on Golden Beauty 124024.

Champion Boar—Reed, Wright & Co., on Sensation Prince 430.

Aged Herd—First and second, Reed, Wright & Co., first headed by Sensation Prince 43039; second headed by Perfection Chief; third, Patten.

BERKSHIRES.

The Berkshires were an exceptionally strong feature of the hog show. All classes except aged boars were well filled, many coming direct from Hamline. With two exceptions each exhibitor is a Wisconsin breeder. These classes especially were filled with typical and up-to-date animals. Sows showed prolificacy and in most cases well fitted, but not overdone, and a better-marked lot never came together at any show. The entire lot numbered 140 head as follows: G. E. Kelly, Mineral Point, Wis. (15 head); H. P. West, Ripon, Wis. (9 head); A. J. Benedict, Bristol, Wis. (18 head); A. A. Arnold, Galesville, Wis. (18 head); Jno. F. Weaver, Sussex, Wis. (16 head); W. D. Becker, Ft. Atkinson, Wis. (20 head); Etzler & Moses, Decatur, Ind. (20 head); C. D. Johnson, Nashua, Iowa (16 head); L. P. Martin, Chippewa Falls, Wis. (8 head). Some decisions were reversed from those placed at Hamline. W. D. Becker won in aged boar class, in which there was no competition. His animals showed careful breeding, but competition was too strong for his herd in many classes. Johnson's yearling boar, King Starlight 168376, by General Starlight 64940 and out of Starlight's Best 63731, won first in class, also sweepstakes. This boar, although only in moderate fitting, will win in any competition. He has a strong, broad back and, as all others of Johnson's herd, stands well on his legs. He has also a typical Berkshire head. Etzler & Moses were close contestants for this desirable place with a very deep, typical boar, but was not as good on his legs and lacked width of head. First on aged sows went to Lady Vic 15th 93431 by Logan 3d 63607 and out of Lady Vic 4th. This sow also won sweepstakes, holding those desired places at Des Moines, as well as Hamline, Etzler & Moses again following with Decatur Belle. Yearling sows class brought out a select lot,

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Etzler & Moses standing first and Johnson second. Awards as follows:

Aged Boar—First, Becker, on Colonel Lee by Baron Lee 8th, dam Princess Belle.

Yearling Boar (10 in class)—First, Johnson, on King Starlight 86876; second, Etzler & Moses; third, Kelly.

Boar Under One Year and Over Six Months (8 in class)—First, Etzler & Moses, on Starlight Premier 93751; second, Johnson, on Merger Star 78435; third, Weaver.

Boar Under Six Months (9 in class)—First, Etzler & Moses; second, Weaver; third, Arnold.

Aged Sow (8 in class)—First, Johnson, on Lady Vic 15th 93451 by Logan 3d 63607; second, Etzler & Moses, on Decatur Belle; third, Weaver.

Yearling Sow—First, Etzler & Moses, on Starlight Lady 93749; second, Johnson, on Lady Vic 18th 93434; third, Kelly.

Sow Six Months and Under One Year—First, Johnson, on sow by Merger Star 78435; second, Etzler & Moses; third, Johnson, on sow by Merger Star 78435.

Sow Under Six Months—First, Etzler & Moses; second, Arnold; third, West.

Produce of Sow—First, Martin, on Logan Lady and produce; second, Weaver; third, Kelly.

Get of Sire—First, Etzler & Moses, on get of General Starlight 64940; second, Johnson, on get of Merger Star 78435.

Champion Boar—Johnson, on King Starlight 186876.

Champion Sow—Johnson, on Lady Vic 15th 93431.

Boar and Three Sows Over One Year—First, Johnson, on King Starlight and Lady Vic 15th, 18th and 19th; second, Etzler & Moses; third, Kelly.

TAMWORTHS.

The judging of the Tamworths required only a very short time, as A. N. Kelly, of Mineral Point, was the only exhibitor, except in aged boars. Here E. Crall & Son, of Wisconsin, exhibited a 955-pound hog, winning second place. All other awards fell to A. N. Kelly, who had a herd that would make warm competition in any company. Mr. Kelly was one of the losers on account of the intense heat, losing his aged sow.

MISCELLANEOUS BREEDS, COMPRISING VICTORIAS AND SMALL YORKSHIRES.

On account of the fact that exhibits in these classes have been uncertain in the past, the management decided to place them in one class. The animals exhibited were not in any sense tail ends. They were not in high fitting, but in good breeding condition. There were three exhibitors, H. P. West, Ripon, Wis. (15 head); Geo. Quelchen & Son, Bryant, Ind. (17 head), and A. T. Hill, Brookfield, Wis. (18 head). Classes were well filled, the majority of the firsts going to the Victoria herd owned by H. P. West. Judge R. A. Jones gave his decisions on these from a hard type standpoint as follows:

AWARDS.

Aged Boar—First, Quelchen & Son; second, Hill; third, West.

Yearling Boar—First and second, West; third, Quelchen & Son.

Boar Six Months and Under One Year—First and second, West; third, Hill.

Boar Under Six Months—First and second, West; third, Hill.

Aged Sow—First and second, Quelchen & Son; third, West.

Yearling Sow—First, West; second, Hill; third, Quelchen & Son.

Sow Six Months and Under One Year—First and second, West; third, Hill.

Sow Under Six Months—First and second, Quelchen & Son; third, West.

Produce of Sow—First, West; second, Hill; third, Quelchen & Son.

Get of Sire—First, West; second, Quelchen & Son.

Champion Boar—West.

Champion Sow—Quelchen & Son.

SHEEP.

The magnitude and quality of the sheep exhibit is considered the best in its history, and in comparing the list of entries with the exhibit it is found almost every exhibitor has appeared with his intended number. It is a striking fact that almost the entire list is made up of Wisconsin breeders, a few, however, coming from Iowa, Illinois and Indiana, also one of the leading Shropshire breeders coming direct from Toronto. There were representatives of the fine, medium and coarse wooled breeds, namely, Delaines (26 head), Rambouillet (37 head), Southdown (25 head), Shropshire (150 head), Hampshire (43 head), Oxford (51 head), Cotswold (37 head), Lincoln (24 head), Cheviot (39 head).

In spite of the extreme heat and the fact that still a few coming from long distance had not arrived, the judging began Tuesday morning, Professor Klemheinz, of Madison, Wis., the sheep specialist, acting as judge. The classes are so arranged that every exhibitor has a fair chance to get an award. In Shropshires three classes were provided, open class, American bred and Wisconsin. This liberal arrangement brought out lots of well-fitted Shropshires, imported and American-bred, as well as two Canadian flocks.

SHROPSHIRE.

The largest and best lot of Shropshires ever collected at Wisconsin State Fair was

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The lightest running of all. Holds 65 bushels. One boy and two horses will do more with the National than a man and three horses with others. Simple, strong, durable; the machine you have been looking for. Write us today.

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exhibited this year. Many of these were imported and were exhibited at the Royal, England, as well as Des Moines, Iowa, and Hamline, Minn. Exhibitors were Geo. McKerrrow & Sons, Pewaukee, Wis., showing thirty-three head, twenty-two of these coming direct from Hamline and eleven shipped from their farm, about half of these imported sheep; F. W. Harding, Waukesha, Wis., showed twelve head, mostly imported; Renk Bros., Sun Prairie, Wis., forty-five head, imported and American bred; Weaver Bros., Pewaukee, Wis., 11 head; F. B. Woodward, Bloomer, Wis., thirteen head; E. Crall & Son, Evansville, Wis., fourteen head; G. C. Robinson & Son, fifteen head; Lloyd Jones, Paris, Ont., Canada, four head, making a total of 150 head. For this large and fine exhibit a liberal arrangement was made. First, the open class, in which imported and American-bred sheep came into competition; second, an American class in which imported sheep were barred, and third a class entirely for Wisconsin breeders. Every class of these sections was well filled in the open class. The awards fell with only a few exceptions to imported sheep, going to McKerrrow & Sons and F. W. Harding chiefly. Lloyd Jones getting a few third places in American and Wisconsin classes. McKerrrow & Sons won more than any other single exhibitor. The Shropshire judging occupied all day Wednesday on account of the many full classes and also due to a protest raised against Renk Bros. for not having their exhibit on the grounds at the time regulations state. This caused nearly the entire American classes to be judged a second time, and even at the close the awards on pens of four lambs were awarded under protest and at time report was taken was still unsettled. Professor Klemheinz handled these with great care and independent of many suggestions offered by various exhibitors who would have placed awards otherwise. The judge was in no way responsible for the protests entered. Imported sheep were in almost every case much better fitted than American-bred animals, having much heavier fleeces and had the usual imported bloom and finish. The animals were from the noted flocks of England, many of them winners at the Royal. McKerrrow & Sons' imported flock in general were large and growthy, but in some cases a trifle open fleeced. Harding's were closer in fleece and a little more typical Shropshires. Renk Bros.' imported flock were hardly as well fitted as the former two, but showed lots of quality. Lloyd Jones arrived after four days' travel from Toronto just in time to show, and they showed very much the effect of their long, hard trip. The aged ram class had six contestants, about half of which were imported, McKerrrow & Sons winning first on their Gwynne ram, a 300-pound stylish sheep; Renk Bros. falling in second and third on two American-bred sheep. Renk Bros.' second place ram won first in both special classes. Still stronger were the yearlings. Eleven animals showed, the first two falling in the same order as they did at Des Moines and Hamline, first to Harding's Corbett ram, every inch of him a Shropshire and covered all over, McKerrrow & Sons' Beamhouse ram is a large, stylish fellow, but a trifle open fleeced. Third went to Jones on a Minton ram that was first and champion at Toronto, 1906. Ram lambs came in ten strong, Judge Klemheinz selecting three imported lambs, Harding's Simon lambs first and third and McKerrrow & Sons' Nock, second. The ewe classes were no exception. Ten lined up, all well fitted and required considerable time for placing. It was thought that McKerrrow & Sons were going to get all three, but third went to Jones in preference to McKerrrow & Sons' imported ram that won at Des Moines and Hamline; first to a dark-headed Everal ewe, second American-bred by Dixon. Harding's yearling Cavendish ewe winning first and champion at Des Moines and Hamline was similar awarded here. This ewe is ready for any competition, is well covered, stylish, strong in back and neck; McKerrrow & Sons' Pulley ewes falling in second and third. Eight appeared in this class. Ewe lambs were no exception, ten coming out for awards, but three imported lambs were selected. The judge very quickly set aside Harding's Simon lamb for first. Best flock was headed by Harding's yearling, followed by McKerrrow & Sons, headed by aged Gwyn ram.

CHEVIOTS.

This breed of sheep, for which no class was arranged until two years ago, came right to the front as far as individual merit is concerned. G. W. Parnell, of Wingate, Ind., exhibited twelve head of imported and American-bred sheep. These came with Lewis Bros., of Cotswolds and were in charge of Lewis Bros. At Des Moines and Hamline they were given leading places. M. P. & S. E. Lentz, of Illinois, showed eighteen animals. Many of these were also imported, but previous to 1906 they were not as well fitted and had been shown much later than Parnell's, yet were close contestants for first place in many classes, and in a few received the better awards. W. L. Houser, of Mondovi (Ethelwold Farms), exhibited twelve. These are bred from imported sheep and show typical Cheviot characteristics, but lack of fitting proved very much to their disadvantage among the well-fitted flocks. In general, where Parnell had more than one entry in a single class the placing was the same as at previous fairs excepting in sweepstakes ram. Here Parnell's yearling ram was awarded championship, while at Des Moines and Hamline this award went to his aged ram. Four came up for awards in aged ram class. Parnell's sheep won this easily. This is a strong, rangy sheep with a heavy fleece, but a trifle open. Second went to Lentz Bros. on a closer-made, smaller-boned sheep. In yearling class there were seven contestants. Here the judge found the champion ram, a solid, broad and heavy-fleeced ram, owned by Parnell. Lentz Bros. followed closely, and had this sheep the same fitting as his superior the decision might have been different. Awards as follows:

Aged Ram—First, Parnell; second, Lentz Bros.; third, Ethelwold Farm.

Yearling Ram—First, Parnell; second, Lentz Bros.; third, Ethelwold Farm.

Ram Lamb—First, Lentz Bros.; second, Parnell; third, Lentz Bros.

Aged Ewe—First and second, Lentz Bros.; third, Ethelwold Farm.

Yearling Ewe—First and second, Parnell; third, Lentz Bros.

Ewe Lamb—First, Parnell; second and third, Lentz Bros.

Flock—First, Parnell; second, Lentz Bros. Champion Ram—Parnell, on yearling ram.



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They build the walls of stone or brick or wood and plaster and then expect to get equal protection, from a roofing $\frac{1}{16}$ of an inch thick weighing a few ounces to the foot. You can't make a durable roof of

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Champion Ewe—Parnell, on yearling ewe. Pen Four Lambs—Lentz Bros. Wisconsin Special, Pair Lambs, Ram and Ewe—Ethelwold Farm.

HAMPSHIRE.

In Hampshire classes there appeared two highly-fitted flocks and two field flocks. Exhibitors were Telfer Bros., of Canada, showing nine imported and highly-fitted animals, also Renk Bros., of Sun Prairie, Wis., nine imported, well-fitted animals. Both of these flocks were from prize-winning flocks at the Royal, some of these being Royal winners. W. G. Bartholf, Burlington, Wis., showed ten and F. H. Patten, Lyons, Wis., showing fifteen head, making a total of forty-three on exhibition. Blue ribbon in aged ram class fell to Telfer Bros., on a Stevens ram true to type, with lots of scale, weighing upwards of 400 pounds. He was easily first in class. Yearling ram class was a hard one to decide on, the judge examining them very carefully, finally placing the blue on Renk Bros.' Stevens ram, but the Telfer sheep was a very close contestant, standing second, the former having a trifle more depth. Telfer Bros., aged ewe, bred by Canaroan was first and champion, and championship on rams went to Telfer Bros.' aged Stevens ram. These awards aroused lots of interest among all sheepmen and was very similar to the Southdown classes previously shown. Awards as follows:

Aged Ram—First, Telfer Bros.; second, Bartholf; third, Patten.

Yearling Ram—First, Renk Bros.; second, Telfer Bros.; third, Renk Bros.

Ram Lamb—First, Telfer Bros.; second and third, Renk Bros.

Aged Ewe—First and third, Telfer Bros.; second, Renk Bros.

Yearling Ewe—First and second, Telfer Bros.; third, Renk Bros.

Ewe Lamb—First and third, Renk Bros.; second, Telfer Bros.

Flock—First, Renk Bros., headed by yearling ram; second, Telfer Bros., headed by aged ram.

Champion Ram—Telfer Bros.

Champion Ewe—Telfer Bros.

Pen of Four Lambs—First, Bartholf; second, Patten.

SPECIAL PREMIUMS.

Four Lambs Either Sex—First, Bartholf; second, Patten.

WISCONSIN SPECIALS.

Pair Lambs Either Sex—Bartholf.

SOUTHDOWN.

Only two flocks competed in these classes, but there never came together two flocks more evenly matched. Geo. McKerrrow & Sons, of Pewaukee, Wis., exhibited twenty-five head and Telfer Bros., of Canada, thirteen head. Both flocks were prominent at the Royal this year and were shown at some of the best fairs on this side of the Atlantic this year. Every sheep was fitted to perfection, but Telfer Bros.' looking slightly the worse for their tedious trip from Toronto. Although this breed does not enjoy the popularity it previously did, it was quite evident from the fitting these flocks were shown in that they are still favorites. Telfer Bros.' aged ram, bred by Colonel Calmott, was first in class and champion and is considered by Judge Klemheinz the best Southdown he has ever seen. Also McKerrrow & Sons' aged ewe, which was first and champion, stands equally as high in this judge's opinion. An importer also remarked that this was the best pair of Southdowns that came out of England this year. These sheep are typical, well covered, solid and as beautiful as sheep can be. The yearling ewe class was a difficult one to decide, with just the two in the ring, but Telfer's ewe was a trifle overdone. Telfer Bros.' flock was in charge of the well-known flockmaster, Geo. Allen. Awards as follows:

Aged Ram—First, Telfer Bros.; second, McKerrrow & Sons.

Yearling Ram—First, Telfer Bros.; second, McKerrrow & Sons.

Ram Lamb—First, McKerrrow & Sons; second and third, Telfer Bros.

Aged Ewe—First and second, McKerrrow & Son; third, Telfer. Yearling Ewe—First, McKerrrow & Sons; second and third, Telfer Bros. Ewe Lamb—First and third, McKerrrow & Sons; second, Telfer Bros. Aged Flock—First, McKerrrow & Sons; second, Telfer Bros. Champion Ewe—McKerrrow & Sons. Champion Ram—Telfer Bros. Pen Four Lambs—Telfer Bros. In Wisconsin classes all awards fell to McKerrrow & Sons.

RAMBOUILLET.

Rambouillet were judged first and consisted of the same flocks that were at Hamline a week ago. The sheep were nicely fitted, well developed and in each case classes were well filled. Professor Klemheinz handled these with great care, spending the greater part of the day in handling this single breed. The exhibitors were W. L. Dixon, Brandon, Wis. (12 head); F. W. Harding, Waukesha, Wis. (14 head), and E. M. Moore, Orchard Lake, Mich. (14 head). Dixon's sheep are an even and smooth lot, close, compact fleeces and show evidence of long and careful preparation. Harding's flock were also nicely fitted, but in a few cases, especially ewes, considerable coarseness of the wool was a failing that the judge could not overlook, and for this reason the Harding flock stood third in class. Moore's flock lacked uniformity and style. Five came before the judge in aged rams. First fell to Dixon, on his championship ram at Des Moines and Hamline, and afterwards was awarded champion at this fair. This is a sheep ready for the best competition, with a remarkable fleece, excellent quality throughout. In aged ewes, first and went to Moore. This ewe was also awarded championship. First in aged flock went to Dixon, headed by his aged ram. The complete awards are as follows:

Aged Ram—First and third, Dixon; second, Moore.

Ram One Year Old—First, Dixon; second and third, Harding.

Ram Lamb—First and second, Dixon; third, Harding.

Aged Ewe—First and second, Moore; third, Dixon.

Yearling Ewe—First, Dixon; second, Moore; third, Harding.

Ewe Lamb—First, Moore; second, Dixon; third, Harding.

Flock—First, Dixon; second, Moore; third, Harding.

Champion Ram—Dixon.

Champion Ewe—Moore.

Pen of Four Lambs—Dixon.

DELAINES.

This breed was represented by twenty-six head owned as follows: W. L. Dixon, Brandon, Wis. (7 head); E. Moore, Orchard Lake, Wis. (10 head); A. E. Green, Orchard Lake, Wis. (9 head). These three flocks also met at Hamline, being the only exhibitors there also. Some excellent types appeared in each class and although hardly as well fitted as the Rambouillet they made a good showing. The awards were pretty evenly divided between the exhibitors, each one getting about all he expected, Green winning first in both flocks and Moore winning second in both flocks. Championship in rams to Dixon; championship in ewes to Green. Judge Klemheinz placed the awards as follows:

Aged Ram (3 in class)—First and third, Moore; second, Dixon.

Ram One Year and Under Two (3 in class)—First, Dixon; second, Green; third, Moore.

Ram Lamb (4 in class)—First, Green; second and third, Moore.

Aged Ewe (5 in class)—First, Green; second and third, Dixon.

Yearling Ewe (5 in class)—First and second, Dixon; third, Green.

Ewe Lamb (4 in class)—First and third, Green; second, Moore.

Aged Flock (3 in class)—First, Green; second, Moore.

Young Flock (3 in class)—First, Green; second, Moore.

Ram Any Age (4 in class)—Dixon.

COTSWOLDS.

Again the classes were filled with select

animals. Lewis Bros., of Camp Point, Ill., who won honors at Des Moines and Hamline, exhibited twelve head. F. W. Harding also showed eighteen good ones. F. A. Coreill, of Stockport, Iowa, a new exhibitor, showed seven, and Jewell & Son, Mineral Point, Wis., seven head, making a total of forty-four. The former flocks were especially well fitted, each making several important fairs before this one. Lewis Bros.' aged ram was placed first, but was beaten in sweepstakes by Harding's imported Garne yearling ram. Harding also won first in aged ewes and first and sweepstakes on yearling ewes. These two flocks were pretty evenly balanced. Lewis Bros. having a little more flesh than Harding's. Judge Klemmholz noticed carefully the character of the fleece and in several cases consumed much time over the first and second animals. Awards as follows:

Aged Ram—First, Lewis Bros.; second, Harding; third, Jewell & Son.

Yearling Ram—First, Harding; second and third, Lewis Bros.

Ram Lamb—First and second, Lewis Bros.; third, Harding.

Aged Ewe—First and second, Harding; third, Lewis Bros.

Yearling Ewe—First, Harding; second and third, Lewis Bros.

Ewe Lamb—First, Harding; second and third, Lewis Bros.

Flock—First, Harding, headed by yearling ram; second, Lewis Bros., headed by aged ram.

Champion Ram—Harding's yearling ram. Champion Ewe—Harding's yearling ewe.

Pen Four Lambs—Jewell & Son.

Pair Lambs, Ewe and Ram, Owned by Exhibitor—Jewell & Son.

OXFORD DOWNS.

The awards in Oxford classes went chiefly to one exhibitor, McKerrow & Sons, of Pewaukee, Wis. Other exhibitors were F. H. Coreill, Stockport, Ill., and W. G. Gill, Menominee Falls, Wis. McKerrow & Sons had a number of sheep they brought for sale purposes only, besides their regular show flock, making a total of forty-three head. Having recently imported some Royal winners they were ready for good competition. Their sheep were well fitted, strong and heavy, having the usual show-yard bloom. F. H. Coreill's flock numbering eight head, were all imported, but lacked the same quality, as well as the finish of McKerrow & Sons' flock and were awarded accordingly. W. G. Gill's flock were only in field condition and received awards in lamb classes among Wisconsin sheep. McKerrow & Sons winning all other awards in these special classes. McKerrow & Sons won all firsts and all championships in open class, also many seconds and thirds. Championship fell to their yearling Stigloo ram. This ram also headed their aged flock.

LINCOLNS.

A. A. Arnold, of Trempealeau, Wis., was the only exhibitor in the Lincoln classes, therefore receiving all awards. His flock consisted of twenty-four head. Although not highly fitted, yet in good breeding condition, they made a fairly good exhibit. This flock was also shown at Des Moines and Hamline, winning the best awards at both shows.

ANGORA GOATS.

Only one flock of goats, consisting of eleven animals, was exhibited, owned by J. McD. Handies, of Waukesha. As no class was arranged for wethers the judge considered they belonged with the does and awarded them accordingly.

On account of no class catalog issued it was impossible to obtain the breeding of many important animals, but this was secured wherever possible from the exhibitor. Reporters wish to express their appreciation for much information rendered by the superintendents and their assistants.

OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

THE FIGHT AGAINST BACTERIA.

Whether the dairyman has any scientific knowledge of the subject bacteriology or not, one thing is certain, namely, that if he makes a success of his business he must have a somewhat comprehensive knowledge of "practical" bacteriology. The chief task of the dairyman who manufactures his own products or sends high-class milk to the factory is to kill off the undesirable organisms, or bacteria, before they are born, as it were. Milk as it comes from the cow is not absolutely sterile, as germs enter the milk ducts ready to be washed into the pail at milking time. Tests have been made to ascertain the number of bacteria in the first milk taken from a cow, and it has run as high as 55,000 in a single drop, while at the close of the same milking not a single organism was found. This only suggests that it might be practicable, where one is bent on producing a high-class product, to not save the first milk that is drawn from each teat.

But the bacteria that are actually found in the milk when it is drawn are not the chief sources of trouble for the dairyman. It is almost impossible to prevent dirt from falling into the pail, so that large numbers of undesirable germs enter during the milking process. It is their progeny that the milker has to deal with later. His chief weapon is a knowledge of the fact that organisms do not thrive in a cold medium, that is, they do not propagate rapidly, if at all. Having this knowledge, he will lose no time in immediately cooling the milk. As it is taken from the cow, milk is apparently an ideal medium for the growth of organisms. The very fact that it is almost a perfect food for man would seem to fit it admirably for the support of bacterial life, and this is actually the case.

Taking it for granted that the principles of cleanliness are complied with at every point from the time the milk is drawn until it is sent to market, we believe that cold may be made to solve the balance of the difficulties.

Instead of allowing milk to stand around in the stable until all the milking is done and the cows turned to pasture, it should immediately be strained and run through the separator or placed in cold water. Sometimes two or three cans are stood in a barrel and the barrel filled with cold water. The milk is possibly allowed to remain there until the next milking time, and what is the result? The milk itself will warm the water to a temperature of possibly 70 or 75 degrees, and there it stands furnishing ideal conditions for the development of bacteria. If there is no ice available let the first water in the barrel be changed after the milk has been reduced in temperature to the extent of 25 or 30 degrees. When this is done the second water, if added at a temperature of 50 or 55 degrees, will keep the milk in good condition until the next milking time. Even where cellars are used it pays to chill the milk with water before giving it a place in a cool cellar. Water is a much more rapid cooling medium than even cold air, and the thing aimed at, as said before, is to chill the organisms that are there so that they will not propagate.

To go one step further, it should be said that it is not desirable to allow milk to stand too long before skimming. If it is kept cool the cream will nearly all be up in twenty-four hours, or at the outside thirty-six hours. If left longer under ordinary circumstances the milk sours, and the constant addition of sour cream to the cream supply will make a batch possessing too much activity to insure a good product when it is made into butter. The cream itself, also, should be churned before it is too old, otherwise there will not only be difficulty in bringing the butter, but the product will not be first class when it comes.

STANDARDS OF PURITY OF DAIRY PRODUCTS.

The association of official agricultural chemists of the United States were commissioned some time ago by an act of congress to establish standards of purity for food products and to determine what constitutes adulteration. Recently a report has been submitted to Secretary

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That's what we say.

What other maker uses that expression in selling a Separator? It's our offer to any farmer, who inquires about the

National Cream Separator

This is a brand new selling plan which we began this year, and has proven so successful, and so greatly increased our sales that we know the National is the separator that farmers want if they can just have a chance to try it before they buy.

The old way was to buy and then try, but we like our new plan best and so do our customers—not because it is necessary to try the National first, but because we know it is all we claim for it—does the work perfectly and saves its users so much time and money, that we say to you—"Take it and try it; if you like it, pay for it; if you don't like it, ship it back. Trial will cost you nothing."

Would we dare?—Would we be so willing and eager to make such a proposition if we did not know the National Cream Separator to be absolutely the best, or could we afford to if we thought our machine was only fairly good? No, we could not run the risk if our machine were back—as a matter of fact, not one in 500 is returned.

If you only have four cows, you need a National Cream Separator—it will pay for itself in a short time—if you have more cows you need it even more.

You need one this fall more than you did last spring because cream is worth more money. You need all the cream there is in your milk and the National Cream Separator will get it all, and quickly, too. You may have all other kinds of labor-saving farm machines, but your equipment is not complete without a National Cream Separator.

Would you go back to the early days of Hand Hoe, Scythe, Cradle and Flail? Then why be behind times in the care of your milk? Those old-fashioned tools were slow—hand skimming of milk is not only slow but wasteful.

Why don't you write us today—now, while you think of it, and ask for full particulars of our "free trial" plan? Tell us how many cows you have; then we can tell what size machine your work requires.

Our catalogue and Dairy Guide is the handsomest and most complete book of the kind ever published. We will be glad to send you a copy FREE if you will only ask for it.

Address either office and mention Catalogue 87.

National Dairy Machine Co., Goshen, Ind.
The Hastings Industrial Co., Chicago, Ill.



Wilson and it has now been published in bulletin form, known as Circular No. 19. The standard of purity as applied to milk and its products is set forth in this circular as follows:

1. Milk is the fresh, clean, lacteal secretion obtained by the complete milking of one or more healthy cows, properly fed and kept, excluding that obtained within fifteen days before and ten days after calving, and contains not less than 8.5 per cent of solids not fat, and not less than 3.25 per cent of milk fat.
2. Blended milk is milk modified in its composition so as to have a definite and stated percentage of one or more of its constituents.
3. Skim milk is milk from which a part or all of the cream has been removed and contains not less than 9.25 per cent of milk solids.
4. Pasteurized milk is milk that has been heated below boiling, but sufficiently to kill most of the active organisms present and immediately cooled to 50 degrees Fahr. or lower.
5. Sterilized milk is milk that has been heated at the temperature of boiling water or higher for a length of time sufficient to kill all organisms present.
6. Condensed milk, evaporated milk, is milk from which a considerable portion of water has been evaporated and contains not less than 23 per cent of milk solids of which not less than 27.5 per cent is milk fat.
7. Sweetened condensed milk is milk from which a considerable portion of water has been evaporated and to which sugar (sucrose) has been added, and contains not less than 23 per cent of milk solids, of which not less than 27.5 per cent is milk fat.
8. Condensed skim milk is milk from which a considerable portion of water has been evaporated.
9. Buttermilk is the product that remains when butter is removed from milk or cream in the process of churning.
10. Goat's milk, ewe's milk, etc., are the fresh, clean, lacteal secretions, free from colostrum, obtained by the complete milking of healthy animals other than cows, properly fed and kept, and conform in name to the species of animal from which they are obtained.

CREAM.

1. Cream is that portion of milk, rich in milk fat, which rises to the surface of milk on standing, or is separated from it by centrifugal force, is fresh and clean and contains not less than 18 per cent of milk fat.
2. Evaporated cream, clotted cream, is cream from which a considerable portion of water has been evaporated.

BUTTER.

1. Butter is the clean, non-rancid product made by gathering in any manner the fat of fresh or ripened milk or cream into a mass, which also contains a small portion of the other milk constituents, with or without salt, and contains not less than 82.5 per cent of milk fat. By acts of congress approved August 2, 1886, and May 9, 1902, butter may also contain added coloring matter.
2. Renovated butter, process butter, is the product made by melting butter and reworking, without the addition or use of chemicals or any substances except milk, cream or salt, and contains not more than 16 per cent of water and at least 82.5 per cent of milk fat.

CHEESE.

1. Cheese is the sound, solid and ripened product made from milk or cream by coagulating the casein thereof with rennet or lactic acid, with or without the addition of ripening ferments and seasoning, and contains, in the water-free substance, not less than 50 per cent of milk fat. By act of congress, approved June 6, 1896, cheese may also contain added coloring matter.
2. Skim milk cheese is the sound, solid and ripened product, made from skim milk by coagulating the casein thereof with rennet or lactic acid, with or without the addition of ripening ferments and seasoning.
3. Goat's milk cheese, ewe's milk cheese, etc., are the sound, ripened products made from the milks of the animals specified, by coagulating the casein thereof with rennet or lactic acid, with or without the addition of ripening ferments and seasoning.

The definitions as given above are of interest to every dairyman; not that they convey much that is new to the experienced man, but rather that the tendency will be to unify men's opinions



Do Your Own Thinking

Just because someone tells you that some other Separator is as good as the "IOWA" is no reason why you should believe it. Letting other people do your thinking is too expensive. You cannot afford such luxuries. Investigate for yourself. Use your brains for your own benefit—they were given you for that purpose. If you do this you will discover that there is just one machine which takes out all the cream, and that is the "IOWA." The dairyman is fully entitled to all the profit there is, even to the last cent. He gets it only by using an

Iowa Dairy Separator

Write today for catalog 25, and let us send you plenty of proof to back up all we say in this advertisement. Separator made in all sizes from 250 to 750 pounds. Invest one cent in a postal card and learn how to save \$100. Do it today.

The Iowa Dairy Separator Co.,
Waterloo, Iowa.

How's Your Separator?

WE will take your old separator in exchange on purchases of either new or second hand machines. We also sell you direct, a good as new second hand, or a new separator, any make, cash or time and save you money. Write for list and prices.

Richmond Cream Separator Co.,
Richmond, Missouri.



as to exactly what is called for in the naming of certain products. It will be noticed, for example, that pasteurized milk is heated to a degree below the boiling point and suddenly cooled, while sterilized milk has been heated to a temperature of boiling water or higher, thus killing all organisms that are present.

Cleanliness in Milking.

To the Editor of The Homestead:

The more a cow is deprived of exercise, the greater the need of keeping the pores of the skin open by daily carding and brushing. This is not only a question of health, but also of cleanliness. It is a wonder to me that the

Cleveland Cream Separator

Reasons Why You Should Buy a Cleveland

Direct to you 30 Days Test

You want an easy running separator and the Cleveland is the only all ball-bearing separator made.

You want an easy cleaning separator and the Cleveland is the first separator and the only one that uses aluminum in its skimming device. The only metal that milk will not stick to. No coating to wear off. Non-corrosive, non-poisonous. The metal recommended by scientists for cooking utensils.

You want a long lived separator and the Cleveland has the fewest parts of any separator made and gets results at slowest speed. Fewer parts, less wear, less repairs. The Cleveland is a guaranteed perfect skimmer.

You want to save money and the Cleveland is the only high grade separator that is sold at a reasonable price. And we'll let you prove this for yourself before you invest one cent by trying a Cleveland on your own farm. No money in advance. Our catalog tells you how to get a Cleveland and save money. Write for it.

THE CLEVELAND CREAM SEPARATOR CO.
Dept. D, 33 Michigan Ave., N. W., Cleveland, Ohio.

Not only all the cream, but better cream—and so bigger profits, if you

Use The

EMPIRE Cream Separator

Easy to run, easy to clean. Let us prove its superiority. Dairy books free. Write today.



EMPIRE CREAM SEPARATOR CO.,
Bloomfield, N. J. Chicago, Ill.

farmer who will give his time willingly to keep his horse clean begrudges it to his cows. It is a question of health in both cases, but in the latter it is also a question to his family and those who may drink the milk, not to speak of the quality of the butter. Both on the farm and in the creamery, cleanliness means dollars and cents. The manner in which milking is done has also an influence on the cost of production. Regular hours and kindness are two important things to be observed.

The importance of milking the very last drop is due not only to the fact that the last pint is richer in butter fat than the first, but also that it helps to keep up the flow of milk and extend the milking period. This is especially important in developing heifers. The money lost in the United States by poor milking can hardly be estimated.

Cleanliness in milking means quality in the butter. If the cows are cleaned and brushed an hour or so before milking, so as to let the dust settle, the only precaution needed is to dampen the udder with a wet cloth so as to prevent scales and dust from falling into the pail. Many milkers have the bad habit of wetting their fingers, sometimes dipping them into the milk, so as to make them slide down the teats. The proper way is to milk them with perfectly dry hands by squeezing, not sliding. Only in stripping to start the flow and to get the last drop of milk is it necessary to slide the fingers down the teats. Hands and finger nails must be clean and all utensils used must first be rinsed with cold water, then washed and scrubbed, using soda or some other washing powder (never common soap), and finally rinsed with boiling water.

These rules for producing clean milk are not new; over a hundred years ago they were observed by good butter-makers, but it remained for the last decade of the last century to explain the reason why. Souring of milk, and indeed most of the taints from which milk may suffer, have been shown by our scientists to be due to various bacteria. These bacteria thrive in the excrements and dirt and they float on the dust and drop into the pail while milking; they abound in the little specks of dried milk left in the crevices in badly soldered cans, in poorly cleaned strainers, in rags used for wiping the cans after washing (which should never be done), under the finger nails of the one who milks, and in fact everywhere. Every bacterium that is in the milk as it leaves the teats will multiply twenty-three times in two hours at 95 degrees, while if the milk is cooled to 55 degrees it will multiply four times only in two hours, and if

the milk is chilled on ice it will hardly increase at all.

It is not so hard to convince the private dairyman of the need of all these precautions, as he will at once see their value in a better product, which means a better price. But the farmer should also be willing to acknowledge their need when sending his product to the creamery. He is just as much interested in the final result, whether the creamery be run on a strictly co-operative basis or by an individual. As the cream or milk has to be transported when sold to a creamery, the bacteria get a better chance to develop than if the butter be made on the farm. So handling the milk for the creamery really requires more care. If farmers understood this and acted accordingly it would be easy to increase the value of our creamery butter from one to two cents a pound, or for the United States, say from three to six million dollars.

A. F. Sorensen.

Howard County, Nebraska.

Creamery property at Mt. Carmel, Ia., for sale, including necessary buildings, grounds, machinery. M. J. Berger, Sec., Carroll, Ia., R. 2.

DIRECTOR O. D. SMITH ON SEED CORN QUESTION.

Elsewhere in this issue will be found a communication from Prof. C. D. Smith, director of the Michigan Experiment Station, on the selection of seed corn. Professor Smith's plan is, from the theoretical standpoint, beyond criticism. No one has claimed that the selection of seed based on perfection of the ear alone was a perfect system, though we differ radically from Professor Smith when he states that the selection of corn according to the empirical standard of the score card is utter folly. We know of many instances where men have purchased prize-winning seed and have increased their yield all the way from 10 to 50 per cent by its use. It is therefore anything but folly to choose ears that are standard in length; that show kernels of regular size and of good depth; that are well filled out on the ends; that are of uniform color; nicely matured, etc.

Let us not too hastily establish the pedigree craze among our farm crops. Pedigree has run riot in some breeds of our live stock, with the result that we are making progress in the building up of pedigrees but are going back in the improvement of our animals. We cannot be far wrong if we assume that an animal or an ear of corn must be nearly right in its pedigree if the individual in each case approaches nearly the standard of perfection. Certain students of the subject have gone so far as to state that in the animal world if the individual is right this is proof positive that the pedigree is right, regardless of what men think of it. This may not be absolutely true as applied to corn, as there is much more out-crossing; but even as applied to corn there is more than a grain of truth in it.

Nevertheless, we have no hesitation in advising all who can possibly find the time to do it to take up the plan suggested by Professor Smith. It will pay almost from the start in the increased yield per acre and in the improvement in the quality of the crop.

BOY'S TERRIBLE ECZEMA.

Mouth and Eyes Covered With Crusts
—Hands Pinned Down—Miraculous Cure by Cuticura.

"When my little boy was six months old, he had eczema. The sores extended so quickly over the whole body that we at once called in the doctor. We then went to another doctor, but he could not help him, and in our despair we went to a third one. Matters became so bad that he had regular holes in his cheeks, large enough to put a finger into. The food had to be given with a spoon, for his mouth was covered with crusts as thick as a finger, and whenever he opened the mouth they began to bleed and suppurate, as did also his eyes. Hands, arms, chest, and back, in short the whole body, was covered over and over. We had no rest by day or night. Whenever he was laid in his bed, we had to pin his hands down; otherwise he would scratch his face, and make an open sore. I think his face must have itched most fearfully.

"We finally thought nothing could help, and I had made up my mind to send my wife with the child to Europe, hoping that the sea air might cure him, otherwise he was to be put under good medical care there. But, Lord be blessed,

TRADE IN YOUR INFERIOR SEPARATORS

Many users who would like to change their inferior machines of various kinds for a new

DE LAVAL CREAM SEPARATOR

do not understand that while such second-hand machines have no salable value the De Laval Company makes very fair "trade" allowances for them, just to get them out of the way and through this illustration of the difference between good and poor separators stop the sale of others like them in the neighborhood. Nobody is defrauded by their re-sale as they are simply "scrapped" at their real value.

Then there are thousands of DE LAVAL users who should know that they may exchange their out-of-date machines of ten to twenty years ago for the very much improved and larger capacity ones of today. These old machines are refinished and sold over again to those who don't think they can afford the price of new ones.

Write in a description of your old machine—name, size, serial number, and date purchased—or else see the nearest DE LAVAL agent about it.

THE DE LAVAL SEPARATOR CO.

Randolph and Canal Sts.,
CHICAGO
1213 Filbert Street
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U.S. CREAM SEPARATORS

Skim Cleanest Are Simplest
Wear Longest Quickly Cleaned
Run Easiest Easy to Handle
Perfectly Safe

MOST PROFITABLE

Our handsome new catalogue describes in detail the operation and construction of the United States Separator. Many fine and accurate illustrations aid in making perfectly clear to you the advantages the U. S. has over all others. If you're keeping cows for profit, ask for our catalogue No. 81. It points the way to the biggest profits.

VERMONT FARM MACHINE CO.,

PROMPT DELIVERY.
18 DISTRIBUTING WAREHOUSES.

450

BELLOWS FALLS, VT.



Saves Hours of Cleaning

Of course your wife would try to wash even the worst cream separator bowl properly twice every day. But why ask her to slave over a heavy, complicated "bucket bowl," like either



of the four on the left? Why not save her hours of cleaning every week by getting a Sharples Dairy Tubular Cream Separator with a simple, light, tubular bowl, easily cleaned in 3 minutes, like that on the right? It holds the world's record for clean skimming. Sharples Tubular Cream Separators are different—very different—from all others. Every difference is to your advantage. Write for catalog M-121, and valuable free book "Business Dairying."

THE SHARPLES SEPARATOR CO.
West Chester, Pa.
Toronto, Can. Chicago, Ill.

BUTTER-BRED Holstein bull calves, 6 to 8 months old, bred by Prince Duke, (18 A. R. O. daughters), and out of A. R. O. dams, \$50 each. No females now for sale. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

matters came differently, and we soon saw a miracle. A friend of ours spoke about Cuticura. We made a trial with Cuticura Soap, Ointment, and Resolvent, and within ten days or two weeks we noticed a decided improvement. Just as quickly as the sickness had appeared it also began to disappear, and within ten weeks the child was absolutely well, and his skin was smooth and white as never before. F. Hohrath, President of the C. L. Hohrath Company, Manufacturers of Silk Ribbons, 4 to 20 Rink Alley, South Bethlehem, Pa., June 5, 1905."

NEW LAND BEING OPENED UP IN TEXAS.

Along the line of the Texas & Pacific Ry., between Ft. Worth and El Paso large acreage land owned by private parties and corporations being thrown on the market; this country is fast becoming the fruit, vegetable, grain and cotton country of the Southwest; it will pay you to investigate.

School lands, several million acres on the market at one to three dollars per acre on 40 years' time.

As an illustration: Mr. N. Kedesli, one mile out of Staunton, Texas, bought of George Walsh 320 acres of land, 50 head of cattle and horses and a few farm implements, for which he paid \$2,680; he put in cultivation last year 105 acres of land and he derived from same \$3,084.75 and reserved enough feed stuff to make a crop on this year.

Low rates are in effect the first and third Tuesday, at less than one fare, with stopovers, to those who desire to make the trip to look over that wonderful country; the

Iron Mountain has two solid through trains a day from St. Louis to Western Texas without change.

If you will write to ELLIS FARNSWORTH, D. P. A., 186 Clark Street, Chicago, Ill., he will mail you, free, booklet giving full information in regard to that country.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

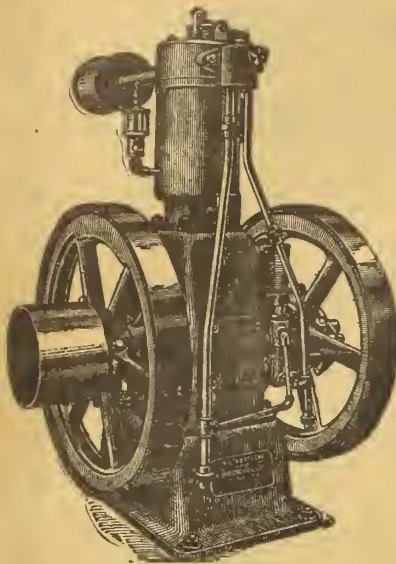
AMERICAN ROYAL LIVE STOCK SHOW, KANSAS CITY, MO.

For the above occasion THE CHICAGO GREAT WESTERN RAILWAY will sell round trip tickets to Kansas City and return at rate of one fare plus \$2 for the round trip, tickets being on sale October 5th to 9th and good to return until Oct. 15th and by an additional payment of 50 cents until Oct. 31st. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

CHEAP RATES TO PACIFIC COAST.

Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for particulars or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

I. H. C.



FARM POWERS

Gasoline, Alcohol or Gas

Look well to the power you buy. Better get along the old way than buy a makeshift—an engine you can't depend upon to respond when you want power. The I. H. C. engines mean

GASOLINE ENGINE RELIABILITY

They are simple, they are built on the right plan, they give you dependably, no matter what the conditions, more than their rating of power.

All talk aside, there's nothing so important to you, if you are buying power, as dependability.

In the I. H. C. Engines you are assured of an engine that can be depended upon at all times, under any conditions. We stand ready with the proof.

Vertical, Horizontal, Portable. Many convenient sizes adapted for use for any purpose requiring power from 2 to 15 horse. Call on any International Agent or write the home office for catalogue.

International Harvester Co. of America
(Incorporated.)
Chicago, U. S. A.

THE CELEBRATED
MUSGRAVE'S IMPROVED
are recognized as
THE BEST SCALES MADE
Because of their durability and accuracy.
United States Standard.

Write today for circulars, agents' terms and prices.

Complete Satisfaction Guaranteed

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THE MUSGRAVE CO., INC., DES MOINES, IOWA.

BOWSHER

(Sold with or without elevator)
CRUSH ear corn (with or without shucks) and GRIND all kinds of small grain. Use Conical Shape Grinders. Different from all others.

LIGHTEST RUNNING.

Handy to Operate. 7 Sizes—2 to 25 h. p. One set for wind-wheel use.

Also make Sweep Grinders; both Geared and Plain.

E. N. P. Bowsheer Co.
South Bend, Ind.

FEED MILLS

ROYAL PITLESS WAGON SCALE

SOLD on 30 days free trial. For catalog and discounts, address,
Monarch Grubber Co.,
Lone Tree, Ia.

When writing to advertisers please mention this paper.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

A MINOR'S CONTRACT.

Mr. X. Y. Z., Crisp, Mo.—A. is a minor. B. is the agent of a book company. A. made a contract with B. to purchase from the company a set of books. This was done without the knowledge or consent of A.'s father. When the father found it out he wrote to the company, telling it not to send the books, and stating that his son was a minor. The company sent the books, but they have never been called for by A. Will A. have to pay for the books?

Answer.—He will not, if he promptly repudiates the contract. He should without delay inform the company that he will not receive nor pay for the books, upon the ground that he was a minor when he contracted for them, and that the contract is therefore not binding.

BREACH OF CONTRACT.

A Subscriber, Hartwick, Iowa.—Last February I hired a man to work for me for nine months at \$26 per month, beginning on the first day of March and ending on the last day of November. He has worked for two months and nineteen days. I owe him \$14. He wants to quit and has no reason for it whatever. Our agreement was verbal. I have one witness to it. Will I have to pay him his wages in full?

Answer.—The law on your case is as follows: The hired man has a claim against you for the unpaid balance of whatever he can prove his services were worth, up to the time he quit work. Then you have a lawful claim against him for whatever damages you can prove you suffered on account of his violation of the contract by quitting before the time agreed on. It makes no difference that your contract was only verbal, it is good if you can prove it. One account can be set off against the other—for instance, if the hired man's services were worth \$20 and your damages amount to \$15, you would have to pay him the difference, \$5.00.

CONCERNING STALLIONS.

Mr. Richard Horswell, Armstrong, Iowa.—Kindly give the law which requires the owners of stallions to inform the public as to their pedigrees.

Answer.—There was a law passed on the subject of breeding stallions at the last session of the legislature, but it has not yet been accessible to the editor. Section 3457 of the Iowa Code provides that the owner or keeper of a stallion who represents him to be pure bred, thoroughbred, or standard bred of any breed of horses that has a stud or herd book for the registration of pedigrees, shall place a copy of the certificate of registration on the door of the stall or stable where such animal is kept, giving the registration number, name of breeder, name of animal, and the volume and page of the stud or herd book in which such animal is registered, and when requested, shall give to any patron a copy of such certificate. This law applies to bulls as well as to stallions. A violation of it is a misdemeanor.

BOND FOR ALIMONY.

A Subscriber, Anchor, Ill.—A. is a married man with six children. He left his family and went away with a lewd woman. His wife obtained a divorce and an order of court allowing her alimony of \$5 per week. A. was ordered under bonds to pay the alimony, and in default was put in jail. He persuaded B., an old friend living 100 miles away, to go on his bond, and B. procured C. and D., residents of A.'s county to also sign the bond, with the understanding that B. was to be liable for two-thirds of the amount of the bond. C. liable for one-third of it and D. a mere figurehead without liability. A. promised B. that he would do right, pay the alimony promptly, and abandon the strange scarlet woman, etc., all of which he has failed to do. (1) Can B. return A. to jail at the latter's expense and have the bond canceled? (2) B. now feels unsafe as A.'s bondsman. What can he do?

Answer.—(1) He cannot. Although you do not say so, we suppose the bond was given by B., C. and D. to secure the payment of the alimony allowed to A.'s divorced wife. The bondsmen are or course liable for whatever the bond requires them to do, and no agreement among themselves can change that. They are all liable on the bond, whatever their relations to each other may be. (2) B. should employ a lawyer to institute the necessary proceedings to

THE NEW MOLINE THE IRONCLAD WAGON!!

Five hundred men, masters of the wagon-maker's craft, put the best efforts of their hands and brains into the making of New Moline Wagons.

With its gearing of select Hickory and tough White Oak and its box with Yellow Pine Bottom, grooved and matched, the New Moline Wagon has a foundation that will last for years.

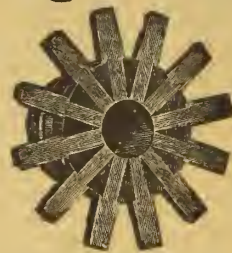
It's so strongly reinforced with extra heavy iron throughout, that farmers call it the "Ironclad" Wagon.

Pole, doubletrees, singletrees, gearing and box are so thoroughly protected and strongly braced with heavy ironing that its solidity and durability defy the test of time.

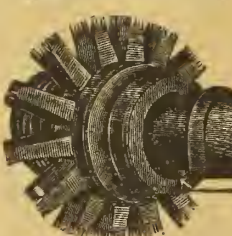
Its dust-proof skeins keep out every particle of dust and dirt.



Lightest Running Wagon in the World



Section Hub and Spokes. Practically One Solid Piece.



Note Dust-Proof Skein.

The New Moline is built right, from the ground up. It's a light-running Wagon, and the longer you use it the better you'll like it, for it's got more up-to-date features, and gives more years of satisfactory service than any ordinary wagon. We've been perfecting this wagon since 1854.

We fully guarantee every New Moline Wagon that leaves our works.

The demand for New Moline is enormous—taxing the full capacity of our immense factories.

GET THIS BOOK! We want every farmer to have a copy of our wonderful Wagon Book. It don't make any difference whether you are thinking of buying, or not—and for it anyway! It tells just how the genuine "Ironclad" Wagons are made. Shows all the parts SEPARATELY; and you can SEE how they are IRONED and BRACED and DOUBLY REINFORCED, making THE NEW MOLINE the most durable as well as the lightest-running wagon on earth. The book tells you more about a wagon than any other Wagon Book in existence. It is FREE, postage prepaid by us.

MOLINE WAGON COMPANY
MOLINE, ILL.

put an end to his future liability on the bond.

TAX TITLE—LIMITATION.

A Subscriber, Avery, Iowa.—A. died, leaving an estate. There were four children, two of whom were minors. B. was appointed guardian for these minors. Forty acres of A.'s estate were sold for taxes. The certificate was assigned to B. as guardian. When the minors became of age B. turned over to them their property, including the certificate, and was discharged as guardian. The land was again sold for taxes and B. bought it and two years afterwards he assigned it to one of A.'s heirs, who got a deed for it from the treasurer. This heir then sold the land to B. and conveyed it to him by deed. (1) Is B.'s title good? (2) Would B. be safe in making a warranty deed for the land? It has been twenty years since the first sale and ten years since the second sale.

Answer.—(1) We think B.'s title is good. (2) He would be safe in making a warranty deed to the land.

LAWFUL FENCE—DAMAGES.

A Subscriber, Wadena, Iowa.—A. and B. own adjoining farms. B.'s part of the partition fence separates A.'s pasture field from B.'s oatfield. A.'s cattle reach through the fence, break down the wires and pull out the staples and get into B.'s field. The fence consists of white oak posts fourteen feet apart, and four barbed wires. (1) Is B. required to put more wires on the fence? (2) Can B. recover damages from A.?

Answer.—(1) If B.'s fence is a lawful one, he is not required to put more wires on it. Whether it is lawful or not, depends somewhat upon how it is constructed. There seems to be enough posts and wires. The law describing a lawful fence has been published in these columns a number of times within the last two years, and is doubtless well-known to subscribers. (2) If B.'s fence is lawful, he can recover damages from A.—otherwise not.

A TOOL CABINET FOR THE HOME.

The reason ordinary home tools become nicked and battered sooner than shop tools of equal quality is because they are not properly kept.

The best tools will be ruined in a short time if they are thrown in with others.

Each tool should have a place of its own so that it will not come in contact with another.

Keen Kutter Tool Cabinets have been designed containing just the tools that are needed in every home, each in a place of its own, carefully separated from every other tool.

The cabinet itself is made of natural oak, beautifully finished and polished, and the tools are the very best that are made.

The Keen Kutter Tool Cabinet is the only one made which contains a set of trade-marked and guaranteed tools, the only one that can be bought without risk. If anything goes wrong with any tool, it will either be replaced or money refunded.

Keen Kutter Tool Cabinets and Tool Boxes come in different sizes and contain various assortments of tools, ranging in price from \$7.50 to \$100.00.

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The Keen Kutter Tool Cabinet Booklet will be sent free to any one by the Simmons Hardware Company, St. Louis and New York, U. S. A.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseeper points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

UMBILICAL HERNIA.

I have a gray colt just weaned, bought from my next neighbor a week ago. It has a lump where the naval is. This neighbor assured me it was nothing but the naval, but others think it is a rupture. Will you kindly advise me what to do, as I paid a good price for it and have had no experience with colts before?

After manipulating parts for return of bowel, enclose the loose skin and sac between wooden clamps, as for castration, and allow the enclosed parts to slough off. The clamps should not be tied too tight; just sufficiently tight to shut off circulation and cause parts to swell.

ABORTION—FOOT ROT.

(1) Last November I bought a pair of young registered Short-horn cattle. The heifer was to have been pregnant by the bull, but she took the bull twelve days after I got her home, and twenty-eight days later she took my neighbor's bull and carried a calf about 207 days and aborted. She also has sore feet and is lame. I have isolated her. Do you think this is contagious abortion? How should it be treated, and how long? Without treatment would it be safe to put her with breeding cows or breed her again? After how long would it be safe to breed or let her run with cows? (2) More than 25 per cent of my thirty-nine head of sheep and lambs that run on high land got lame during a very wet spell in July. The foot smells bad, gets wet and sticky between toes at first, later swells up into the joint and bulges between toes and cracks open with "proud flesh." Lameness becomes very acute and pus oozes out between toes and at hoof head. Some respond readily to antiseptic treatment at first, and some relapse? What is wrong? What is the most practical treatment?

(1) We have no means of telling whether the cow is affected with contagious abortion, but we certainly would keep her isolated and treated with antiseptics until she has carried a calf the full length of time and has been again treated until in calf. The treatment should consist in giving an injection of yeast mixture twice a month and daily washing or spraying external genitals with a 2 per cent solution of coal tar disinfectant. Breed her again when she arrives at the time when she would have been bred had she carried her calf the full length of time. As to recompense, that is a matter for the lawyer, and we presume that you would have to prove presence of contagion and show actual damage following her entrance into the herd. She should have been quarantined for a month or two when first purchased. (2) The sheep have foot-rot, and all lame ones should be treated as follows: Cut away all loose and under-run horn, right down to the blood; then immediately set the foot into a saturated solution of sulphate of copper as hot as can be borne by the hand,

and stir about for a few moments; then place the sheep in a pen on the floor of which slacked lime has been thickly spread. Keep sheep there for two days. Repeat the treatment as required. Keep sheep off wet land and out of mud and filth.

SORE THROAT.

I have had four hogs affected with some kind of throat trouble in the last two months. Two died and two recovered. They wheeze, and when they try to eat or drink, they choke. They do not see sick, but try to eat. Had one take it since morning and when I fed tonight choked and died in five minutes. They are in thrifty condition and seem to be doing well. What is the trouble and remedy?

This is of the nature of quinsy or sore throat and indicates in many instances contaminated drinking water or some other source of germ infection, so that it would be well to remove the hogs into clean pasture; keep them away from the yards and sleeping quarters and provide pure drinking water. Feed light slop of milk, middlings and flaxseed meal along with green foods. Treat by blistering from ear to ear with cerate of cantharides well rubbed in. Mix together equal parts of honey and pine tar and put a tablespoonful on tongue twice daily. In each dose mix a quarter teaspoonful of chlorate of potash and five drops of fluid extract of belladonna leaves for an adult hog; less the dose for a young pig.

EYE DISEASES OF CATTLE.

I would like to know what to do for my cattle. I castrated two yearlings about the 1st of June, last, and they swelled very badly, one died from the effects of same, while the other seems to be affected with sore eyes, and now I notice several of the other young stock are taking the disease. This one has been allowed to run with the other stock. The eye seems to become inflamed and water drips from it at first, while a little later the eye ball looks as though a sore had formed on it about the size of the end of finger. This sore is like a white spot. The stock, when affected, don't eat much and do not thrive. Any information will be gratefully received.

So-called "pink-eye"—properly termed "contagious ophthalmia," has appeared among cattle in this and other states and presents the following effects: Symptoms: Adult young cattle and calves first show swelling of the eyelids accompanied by weeping. Redness of membranes of eyelids and "haw" becomes apparent, creamy discharge follows and in three or four days a clouded spot shows in center of eye and gradually spreads until "sight" of eye becomes milk-colored. Changing from milk color to pearl tint, eye may become yellow, bulge, show blood-shot streaks, form an abscess and burst, leaving a ragged ulcer, or commence to clear up and finally recover. Sight ulcers may heal by granulation, but expensive ruptures and ulcers often lead to loss of sight. Fever and some loss of appetite is present, especially in young cattle, for a week or more from time of first attack and dairy cows may shrink in milk production. Treatment: The disease being "catching," and doubtless due to a germ which leads to its spread from one animal to another, affected cattle should be separated from unaffected; eyes of latter should be washed once or twice a week with a solution of two drams of boracic acid in a pint of water as a possible preventive and pastures bordering on rivers, ponds and sloughs should be abandoned, as the disease seems most liable to attack cattle grazing on such low, wet ground. Place affected cattle in a darkened shed or stable. Give each adult animal a one-pound dose of epsom salts with one ounce of saltpeter and one ounce of ground ginger root in two quarts of warm water as one dose, and follow with a tablespoonful of saltpeter twice daily in drinking water or soft food. Younger cattle should have the same medicine in smaller doses according to age and size. While under treatment, do not feed grain, but give soft and green food; allow all the cold water animals will take. At the commencement of an attack, puff between eyelids by means of a clean insect powder bellows a mixture of equal parts of finely powdered calomel and boracic acid, or cover eyes with a soft cloth to be kept wet with a 1-2,000 solution of bichlorid of mercury (corrosive sublimate). This treatment may prove sufficient in a majority of cases, but should the disease persist and aggravate, substitute for above lotion one consisting of a dram each of sulphate of zinc and fluid extract of belladonna leaves with twenty drops of carbolic acid in a quart of clean, soft water with which to keep cloth over eyes continually wet. When inflammation subsides, should eye remain milky-appearing, paint once daily with 1-1,000

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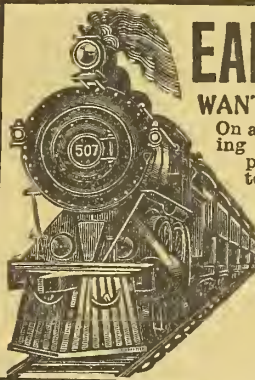
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solution of bichlorid of mercury or 3-per cent solution of boracic acid. In bad cases, which are tardy in responding to treatment, give—except to pregnant cows—one dram of iodid of potash twice daily for adult animal and from ten to twenty grains for calves and yearlings, continuing its use for one week. Ragged ulcers may be with benefit painted with a solution of three grains of nitrate of silver in an ounce of distilled water two or three times a week. Lastly, quarantine animals bought at stock yards shipped in or from infected herds.

PIKE'S PEAK CELEBRATION.

For the above occasion the Chicago Great Western Railway will sell round trip tickets from Des Moines to Denver, Colorado Springs and Pueblo at rate of \$19.25. Tickets good to leave September 19th to 22d and return until October 15th. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ST. JOSEPH AND RETURN.

Account of Interstate Live Stock and Horse Show the Chicago Great Western Railway will sell tickets to St. Joseph, Mo., and return at rate of one and one-third fare on September 22d to 29th, with good return limit. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

VERY LOW RATES TO BUFFALO, N. Y., Via the North-Western Line. Excursion tickets will be sold at one fare for round trip October 10th to 12th, inclusive, with favorable return limits, on account of International Christian Convention. Apply to agents Chicago & North-Western R'y.

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OUR HOME DEPARTMENT

ALL communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

AMONG OURSELVES.

Today I feel envious of the skill of the driver of the big wagon at the Iowa State Fair. The man managed six horses with seeming ease and played the reins so skillfully that the team went through gyrations and maneuvers which were really wonderful. We have so many subjects under way that to do justice to them all, to give due place to each and so work out a balanced attractive whole, is no easy task. Suppose we ask Miss Nettie Kimmer to open the program:

I see that Miss Nellie Schain asks for the poem, "Keep A-go-in'." Perhaps this is what she wants:

If you strike a thorn or rose,
Keep a-go-in'!
If it hails or if it snows,
Keep a-go-in'!
Tain't no use to sit and whine
When the fish ain't on the line;
Bait your hook an' keep on tryin'—
Keep a-go-in'!

When the weather kills your crop,
Keep a-go-in'!
When you tumble from the top,
Keep a-go-in'!
S'pose you're out of ev'ry dime,
"Gettin' broke" ain't any crime;
Tell the world you're feelin' prime—
Keep a-go-in'!

When it looks like all is up,
Keep a-go-in'!
Drain the sweetness from the cup,
Keep a-go-in'!
See the wild birds on the wing;
Hear the bells that sweetly ring;
When you feel like singin', sing—
Keep a-go-in'!

I think I must thank Miss Nellie for asking for this poem, for it has done me much good, as I hope it will do others. In writing it for her I have committed it to memory and when things go wrong I just think of this little poem and "keep a-go-in'." I never knew there was so much common sense in the little jingling rhyme. That is the trouble with a good many of us, I think. We read things over too hurriedly and do not get the full meaning of the piece. I know I do. As I heard a preacher once

say when some members of his congregation were sleeping in church, "If they only knew what hard study it took to get up a sermon they would appreciate it more." He said he knew what was in the sermon, for he knew what it took to get it out. But I must stop as I am taking up too much space and in imagination I see Mrs. Walker looking over this way with her hand on the bell ready to ring me off.

Several of the friends rose in response to Miss Schain's call. I thank them on her behalf. Enjoying Miss Kimmer's comments on the poem they will understand why she was given the privilege of the floor.

Harking back to find the order in which subjects should be given place I rather think that of early marriages should have preceded the verse we have just had, but if Calista Carbeth will forgive us we will venture to forgive ourselves:

I quite agree with those who say that girls of eighteen should not marry. A girl should have some girlhood, as Mr. Young says. And eighteen is much too young to assume charge of a household, much less a family. I know a man who had five daughters, and he said he never would give his consent to any of them to marry until they were twenty-five years old. Well, I guess they were afraid to brave his displeasure, for the three who are married waited until they were just twenty-five and the result is that they married well. I do not mean to say that their husbands are financially well off, but they are honest, industrious, and loving husbands, and with such they stand a better chance of living a happy life until death shall part them than they would perhaps if they married "the president of a base ball club," or even some of our "American millionaires," at the age of "sweet sixteen." I used to think their father was an "old crank," but I can see now where his wisdom and sound sense comes in and even if I had the chance I do not think I would care to marry until I, too, am twenty-five.

Calista Carbeth's philosophy is sound, but I can't help wondering if it would be a shield and buckler should Mr. Right come along one of these days and open fire with impetuous and insistent ardor. Just how it happened I've never been able to explain with any degree of satisfaction, but the fact is that the Only Man induced me to do a number of things which previous to his arrival upon the scene I had always declared I never would, could or should be induced to do.

As a rule I keep recipes in the Home and Homemaking section of the Home; occasionally they justify place in the club circle. In response to a request we recently had a recipe for canning corn. Mrs. Dee, who is interested in the movement for pure food, comes with a criticism of this recipe:

Does the sister who sent the recipe for canning corn in her letter of August 9th know that salicylic acid is one of the preservatives that our food inspectors condemn? "Gentlemen:—We have made careful analysis of samples of your brand of food products. We find the preserved blackberries and Maraschino pineapple, which we purchased from you not long ago, contained a large amount of glucose, this being a substitute for cane sugar sirup, and that both samples are preserved with salicylic acid. This salicylic acid is injurious to health. We hereby give you notice that you must discontinue the use of salicylic acid as a preservative and glucose as a substitute for cane sugar. Otherwise it will be necessary for us to prosecute you. P. J. Murray, chief food inspector. Approved—Director of the laboratory." Will give you my way of pickling corn. Cook corn on the cob until tender; cut off and to every four cups of corn take one of salt; place in alternate layers until jar is full; use weight to keep corn under the brine. Some use six cups of corn to one of salt, and it keeps well. To freshen, put on back of range and cover with water, changing the water as soon as it boils; add a little sugar when seasoning, and your corn is as good as canned corn. However, before seeing the above article in the paper I canned two gallons by the recipe, but found after cooking three hours the cans were not nearly full. I filled with boiling water and as an additional precaution against souring I dipped the cans in melted paraffin about one inch below rubber.

Sometimes people say, "Oh, the little acid I use will not do any harm," but in these days of adulterated food and of canned goods preserved by means of deleterious substances it is the little things which count. Nature is long suffering, but she always exacts payment, hence we cannot be too careful about taking liberties with her. I should be glad if friends who keep in touch with the pure food movement would talk to us much oftener than they do. Perhaps Mrs. Dee herself will come again soon.

Yes, we are coming to it, friends, and the girls themselves will talk to us about their working in the fields. "An Oklahoma Girl" and a Kansas girl, "Sister Lucy," who arrived together, were hardly here before Cousin Eunice appeared. We shall hear all three—Cousin Eunice first:

I am glad that Mrs. Walker has thought of the young folks and wants us to write. I think Aunt Ruth is right, as I do not believe in the girls doing a man's work. I help my papa make hay and help do the milking, and sometimes I wish I didn't grow and the cows gave butter instead of milk. I think it is the man's place to do such work. If a man can't support his wife



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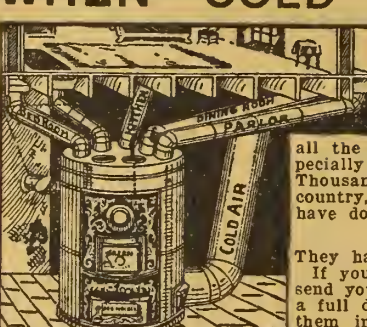
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Would You Lose \$50 in Fuel to Save \$1.00 on the cost of Your Stove?
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Like all successful inventions Cole's Original Hot Blast has many inferior imitations, avoid them. They all lack our patented top Hot Blast construction, the patented steel collar connection for the above casting to stove body, making an everlasting tight joint which can not open by action of the farthest heat; the patented compound hinge for ash door, the guaranteed smoke-proof feed door, which prevents dust, soot or smoke from escaping when fuel is put into the stove, and other patented features which are essential to the success of our stove. Do not let any dealer persuade you to buy anything but Cole's Original Hot Blast. See the name "COLE'S HOT BLAST from Chicago" on the feed door of each stove. None genuine without it.

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without having her trudging around like this he had better remain single and let the girls live a better life.

I have been reading with interest the letters in reply to Aunt Ruth, and Mrs. Larsen on the subject of "Girls assisting with the outdoor work." I was born and have lived all my life in Oklahoma, where they think it is no disgrace to do honest work. I have worked ever since I was large enough to in the cotton fields, and now in the harvest and hay field; plow and work in the garden some; go to school in the winter. I have taken a term of music this summer and with the help of my eleven-year-old sister did most of the hoeing in a field of seven acres of cotton; besides, assisting with the hay harvesting and tending the corn. I am sixteen years old, the oldest child in a family of six children, and it has always fallen to my lot to do about as much work outdoors as house work. I think it is more healthful to be in the field at work than it is to be on the piano stool all the time and never take exercise or help lighten anyone's burdens. Although I like to practice on my music I find it more interesting to have something to do besides practicing all the time, and more healthful, too. Some of my lady friends think it would break their poor backs or tan their poor hands and face, but with sunbonnet and gloves they will not be less beautiful after a week's work in the field; besides, saving \$4, which would be paid to a hired hand, and that amount will buy a country girl a respectable dress or hat, and possibly save papa or brother extra labor. I am quite sure they will be as well respected by the opposite sex. As to milking the cows, I have never seen any drudgery in that, and I have milked them ever since I was large enough. I do not think the brother can love the sister as he should when, after a long day's work, he returns to find the sister at ease on the sofa reading a book, as if dainty feet could not be seen in the cow's pen or pretty hands could not feed the calf. I will close for fear of crowding someone.

Mrs. Walker has been very kind in inviting the young people of the Home Department to take part in discussing this all-important subject which Aunt Ruth has suggested, whether or not the farmer girls should do the men's chores, generally speaking. Being a young girl myself and having had considerable experience in that line I shall say a girl has no right in the hay field, although I would rather be one of the judges should any be needed. It seems that several of the ladies in last week's paper think it all right for young girls to rise at 4 o'clock in the morning, milk a herd of cows, get breakfast, separate the milk, do up the morning work, then go to the field and pitch hay until almost noon, then come in and get dinner, perhaps with two extra hands to cook for, when one is so tired one can hardly stand. If any of you ladies lead such a life I pity you. No girl should be looked down upon if she does such work. All honest work is honorable. Such work is all right in cases of emergency, for I pride myself on being a good hay loader. But no girl if she has any pride about her enjoys going out to an evening gathering of young people and wear her dainty dress with

short sleeves and low neck, and have her neck sunburned a dark red, her face covered with freckles, her shoulders stooped and her hands blistered by constant use of the pitchfork. I am waiting patiently to hear from all our girls and boys too. I know of several young ladies that are looking for model young men. This is the first time I have ventured Among Ourselves, but I couldn't refuse the kind invitation to come and dine and I feel doubly sure we will have a grand reunion and every one will come.

Where are the young men? It would be interesting to have their views upon this important subject. Can't you stir them up, girls? Do, please. And, as we have heard from mothers and wives, we should surely have a word from fathers and husbands. There are several women willing to speak about out-of-door work for women. Mrs. DeBok will represent them this week:

When I read the remarks about women working out of doors I would say by all means let the girls work out of doors and also let the boys work in the house. I think each one should learn to do the other's work, for we never know what the future has in store for us. I have four girls and three boys. The oldest is a girl eleven; the baby, a boy of eleven months. I do all my own work except the washing and ironing, and help milk twelve cows. I raised over 200 chicks, took care of the garden and have had several days of outings which we all enjoyed. I think it is silly for women to be so afraid that they will do more than their share. Husband and I always help each other. If I am sick he will do my work and when he is sick I do his and I don't think it is a burden either. If husband and wife love each other with an unselfish love it will not be hard to help each other. I pity the woman that can't milk a cow or harness and hitch up a team. Do the work with a cheerful spirit, friends, and it won't be near so hard.

Perhaps it will have been noticed that I have had very little to say upon this subject. It is not because I have no opinions. I am saving myself. After the circle has thrashed the matter out and it comes to summing up the arguments pro and con I shall say my little say. While at the State Fair I interviewed a score or so of men and women on this matter. What they said bore out my opinion which is based upon observation made both here and in Europe.

Last week I announced that we should introduce for discussion a topic which is closely related to the one we have been considering for the past few weeks. In stating her topic Mrs. Eugenia throws a flood of light on the whole subject of women working in the field.

As our editor has given us the privilege of sending in subjects for discussion I should

like to see this subject discussed Among Ourselves. "Should our American girls marry foreigners?"—that is, foreign-born men? For my part I should say no, most emphatically. Not because there could not be any good husbands born on foreign soil, but from my observation, their ways are not our ways. I perhaps had better tell of neighbors on each side of me, then you may understand why I am "soured" on foreign husbands. The American husband from all appearance seems to think if his wife attends to her housework, poultry, etc., and rears his children—that is enough. On the other side, the foreign husband thinks it is nothing but the proper thing for his wife to do the housework, milk the cows, slop the hogs, raise chickens, garden, and work in the field when he needs her, and add a new babe to the household every two years, sometimes oftener. I once heard a foreigner say he believed all American women were lazy. I don't believe any such thing, but one thing I do believe—that the American women are the most independent race of women on earth. Don't misunderstand me, and think I mean our women should sit around with their hands folded, and be waited upon, for such is not the case, for a reasonable amount of work should be done by every one; only I think an American husband would not ask his wife nor expect her to work as the foreign women do.

Now we shall surely hear from the young men, and from more of the young women, and from women who are the wives of foreign-born men, and from foreign-born men who have married American women. It seems to me that Mrs. Eugenia has given us a very live topic for discussion. I hope that the circle will take it up and make the meeting in the near future even better than the good ones we have been having.

If time permitted we should have another word for John's Wife, and something about "stingy farmers;" these and several other good things are in store for next meeting. Meantime there are a couple of requests and a little matter of business.

Mrs. Olaf is in distress over her bread which, a few days after baking, becomes like dough in the center of the loaf and has a disagreeable odor. Who will help her to remedy the trouble? Another member of our circle wishes to know what use to make of tame huckleberries. A reply to this question may be helpful next season. "Mrs. Elderberry," "Grandma Ray," "Lola," "Mrs. Leta Ford" and "Mother Smith" seem not to have been Among Ourselves the day I spoke of the necessity of writers for the press giving full name and address as a matter of good faith. A word to the wise is sufficient.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

I sowed a seed in the heart of the soil—it lived and grew, and the harvesting was such as I'd sowed in the days of spring.

And, on through the years, in response to my toil,

The seed brought forth, in abundant gain, A million seeds of the self-same grain.

I sowed a seed in the heart of a friend— 'Twas only a deed, but it kept on growing;

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And down through the years it has still been showing That whate'er is sowed shall be reaped without end.

And the little deed that I did, one day, Is growing in thousands of souls, I say. —Benjamin Keech, in Ram's Horn.

FOR MARRIED FOLKS.

The sanest and safest way is for neither side to expect too much nor to be satisfied with too little. In that way a happy medium may be struck, wherein men are satisfied with lovable womanly women, and women with everyday, manly men, even though not impossible heroes.

For we are all of us so constructed that we cannot live in too rarified an atmosphere. The man or woman who gets too far away from our level is apt to get out of the orbit of our human affections.

It is well to stop prating about impossible ideals and to make the most of each other just as we are—ordinary men and women, full of faults and unrealized aspirations. If we can love each other in spite of the failings common to us all, we may find out what real love is.

HAVE FAITH IN YOUR BOY.

Do not think because your boy's bent is not your bent that he will therefore not "amount to much." Do not be discouraged if, indeed, he does not seem to have any bent at all. The tendencies and powers are there—tendencies and powers which perhaps you lack, and which you would give much to possess; but the time is simply not ripe for their manifestation. Perhaps you worry because he is not so precocious as some children. Well, look at the after-lives of so-called dullards in school and college; "end-of-the-class-men;" butts of ridicule, perhaps; subjects of doleful prophecy surely—and possibly your anxiety may give way to something else.

FOR THE COOK.

Chicken Rolls—Mince sufficient cold chicken to measure one cupful. Melt four tablespoonfuls of butter, add to it a little salt, a shake of pepper, two tablespoonfuls of lemon juice, the minced chicken and one-third cupful of milk; thicken with a little flour; mold into rolls or croquettes and fry in hot fat. Serve with a white sauce seasoned with lemon juice.

Mayonnaise Dressing—A good mayonnaise dressing without oil is made in the following manner: Mix well and place on the fire to boil three-quarters of a tablespoonful each of flour, sugar, butter, and dry mustard and one-half cupful of milk and one-half cupful of vinegar. Allow this to boil until quite thick, stirring constantly. When cool beat into it the yolk of one egg. If too thick, thin with equal parts of vinegar and milk.

Tomato Omelet—Scald and skin three tomatoes, melt a small piece of butter in a saucepan, to which add a teaspoonful of chopped onion, and another of chopped parsley, season with pepper and salt, put in the tomatoes, and let them remain in the butter for two minutes. Turn out the mixture and set it aside until quite cold. Beat up three whole eggs and mix in the cold tomatoes. Place a lump of butter, about the size of a walnut, in a frying pan, and when it dissolves, pour in the mixture, leave it over the fire until the edges are firm, and then hold the pan in front of the fire until it rises to the top. It should be served at once.

Scotch Broth—One quart of strong mutton stock, from which every particle of fat has been removed. The liquor in which a leg of mutton has been boiled will do well for this purpose. Boil it down for an hour before making the broth, as it should be strong.

One cupful of barley that has been soaked in tepid water for three hours. One large carrot, one turnip, two onions, four stalks of celery, half a cupful of green peas and the same of string beans, parsley and four or five leek tops.

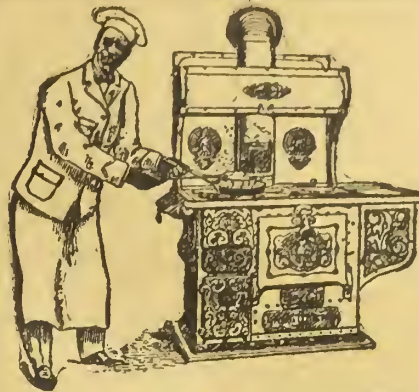
Cut the vegetables up small and parboil them for ten minutes. Drain and put over the fire in the stock. Simmer slowly for three hours. Have ready a good white roux, made by heating a heaping tablespoonful of butter in a pan and stirring into it a tablespoonful of flour. Add a few spoonfuls of the soup to thin it, and stir into the broth. Boil one minute and serve.

Self-Made Pickles—Take cucumbers, any quantity; pour scalding water over them; add a slight sprinkle of salt; when cool, cover closely with grape leaves and also tie up closely and set in a cool place for a week at least. They will become pleasantly sour without the aid of vinegar. Change the leaves occasionally.

Baked Beets—Wash tender young beets without breaking the skin, lay in a baking pan with a little hot water thrown over them and bake, turning and basting frequently. When tender, peel, slice in circles or lengthwise, dress with oil and lemon juice, or butter, salt, pepper and vinegar, and serve hot. A seasoning of nutmeg is also often added by English and German cooks; but this is a matter of individual preference.

Beets With Sour Sauce—A somewhat unusual dressing is this, commonly known as "sour sauce." Having boiled or baked the beets until tender, peel and slice. Put a half cup of vinegar over the fire with a tablespoonful butter, a teaspoonful of sugar, a half teaspoonful of salt and a good dash of pepper. When it boils thicken with a tablespoonful corn starch dissolved in two of water. Stir constantly until smooth, pour over the beets and serve at once.

Bottled Pickles—Cucumbers for hotting should be small, well shaped and of uniform size. To insure the proper size, pick them every day—the larger ones can be used for pickling in jars—wash, place in stoneware, pour boiling water over them and let stand until cold; then wipe them dry and place in wide-mouth bottles, and fill up with hot vinegar, prepared thus: To one gallon good vinegar add not quite a cupful salt, two cups granulated sugar and a few whole cloves. Boil vinegar and spices and pour over boiling hot. Have the corks well softened in hot water, press in tight and seal. Prepared in this way they will be just as nice and crisp as the commercial ones and far more wholesome. A teaspoonful of grated horseradish put in mouth of bottle gives a good relish, and a liberal amount of full-grown green



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nasturtium seeds mixed with the cucumbers make a very toothsome variety.

Dressmaking and Millinery—No. 534.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Of the hats it has been remarked that they are either very large or very small, but a study of the numerous types proves that the assertion may be greatly modified, for there are certainly hats in all the usual variety of sizes. One of the leading types is a modification of the sailor that found much favor through the summer, being the short front broad hack type, and in this the brim is usually straight, although in some there is a turn of the brim somewhere



(No. 5306 Eton Jacket, 32 to 42 bust.)

to suit it to the face of the wearer. The little round toque that has a flat circular top, about which is a straight band of varying depth is one of the leaders in the small hats. This shows little trimming, perhaps only a twist of velvet surrounding the crown, and two rosettes of velvet with an upstanding cluster of stiff feathers between directly at the front. The flaring wings and sweeping plumes or feathers adorn many of the hats, and as to plumes and tips of ostrich some of the hats will be almost laden with them. However, we recognize that hats

so trimmed are designed only for very dressy wear. Also that for correct effect they must have other parts of the outfit to correspond.

So many of the fall suits will be made up with the Eton jacket as part of it that I give herewith a design that is proving very popular. The pattern number is 5306, and its lines are so simple that even the novice may undertake it without fear as to results, especially if light weight suiting is used in its construction. The body portion has fronts and side fronts, hacks and side hacks, the overlapping edges at the joining



(No. 5430 Loose Pleated Coat, 32 to 40 bust.)

of the two parts suggesting the outward turning pleats that are on the "Gibson" type and are very popular in the various waist garments. The collar is of the "shawl" type, and is one of the most easily managed, requiring very little skill in its adjustment. The sleeves are in elbow length, or perhaps three-quarter length expresses it more clearly, and there is provision made in the pattern for adding the extra length when this is preferred. This added portion should be made separate, and arranged to

fasten in the permanent sleeve by means of buttons or hooks and loops that are not seen. As shown in the illustration the Eton is worn with the Princess skirt, but when worn with the skirt that is adjusted at the waistline the girdle may be worn, and this should match the skirt when skirt and jacket material vary even a little. Pattern No. 5306 is cut in sizes for 32, 34, 36, 38, 40 and 42 inches bust measure. Give size when ordering.

The Empire coat design shown in a recent paper seemed to meet the requirements or quite a number of the readers, while to others it suggested that there might be other designs that would be better adapted to their

individual needs. Probably Pattern No. 5430 is the type these are looking for, this being a full length garment, or as nearly a full length as we are likely to find among the season's leaders. Garments like the one pictured will be worn for all-occasion purposes, and when made of light weight or loose weave material are not difficult to manage. These are of course not a costume garment. Pattern No. 5430 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering.

Send eleven cents in money (not stamps), for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Third Quarter. Lesson XIII. Mark. XII, 13-27. September 23, 1906.

The Review.

If the Bible is a ring of gold, Jesus is its solitaire. He is worth all the rest. In point of fact all the rest is for Him. Its glory is that it holds and displays Him. All the prophets give witness to Him. They mark stages in the evolution of the ideal life, which is clear and incapable of erosion—the life of a man filled with God.

Jesus is the unapproached Teacher of men, not so much for what He said as for what He was. In point of fact, what he said, He was. His life is a Divine comment upon His Divine words. His own character is the irresistible, irrefutable argument for His doctrine. Incidentally it may here be noted that the true defense of religion still takes this form. It is not a book, but a life. It is not a philosophic statement, but righteous conduct. Ethical living is the "salt" and "light" of the world. The true defender of the faith is armed with neither pen nor sword. He just lives the good life.

The training of the twelve apostles taxed the skill and endurance of Jesus. The controversy as to which should be first is an example of the misconceptions of which they were full. It was a master stroke when He placed a child in their midst. It was a living tableau of docility, self-oblivion and love. And from the parable, as was His wont, Jesus passed to practical development and application of the principles of His kingdom. (Lesson I.)

As was His custom, Jesus used a current event for purpose of illustration. Rulers of Palestine were often summoned to Rome to make an accounting. Such an instance had just occurred. Jesus likens the accounting to God to it. It is not the last judgment that is here referred to. The preliminary accounting reveals insolvency, and is the occasion of Divine forgiveness. Application is made to man's forgiveness of his fellows. Forgiveness showing unforgiving spirit is paradoxical. (Lesson II.)

The parable of the Good Samaritan is the pearl of the parables. With the freedom of Oriental audiences one injects

a question. It proves to be only a dialectic gauntlet. Jesus, with consummate skill, takes the man on his own ground, and has him answer his own question. The attempt to refine upon the term neighbor is the immediate cause of the parable. The term is not defined, but the subjective state which makes a man neighbor to everyone is superbly illustrated, and the terse application, "Do thou likewise!" is made. (Lesson III.)

The request which the disciples made for a form of prayer was natural. They had observed Jesus in prayer, and John the Baptist had set the precedent of teaching his followers a formula. It remains for the universal Teacher to give the universal form. The first part relates to the Father, His name, kingdom, will. The second relates to man—bread, forgiveness, deliverance. From the form Jesus proceeds to the spirit of prayer, which He illustrates by a parable, the force of which is its marked contrasts. (Lesson IV.)

Sociability was a marked trait of Jesus. Asceticism finds no support in Him whatever. In this instance He is guest of a Pharisee who covets His table talk. A sufferer lies in the vestibule. Jesus does not avoid him. He does not merely toss a small coin to him. He determines to heal, but forestalls criticism by asking: "Is it lawful to cure on the Sabbath?" He answers His question by curing. Later He has a word for guests and another for host. (Lesson V.)

The strength of Jesus' parable of the great supper is its improbability. The preposterous inadequacy of the excuses shows at a glance the disinclination to accept the invitation. It is a deliberate insult. The Master dwells upon the practical rather than the speculative phase—namely, upon the personal attitude of the individual toward the Messianic kingdom rather than the accidents of that kingdom. (Lesson VI.)

The parable of the two sons is the "pearl of parables." Its primary object was to justify Jesus' attitude towards publicans and sinners by picturing them as the subjects of Divine compassion. The secondary object is to picture sin as a revolt against a beneficent Father. The incidental lessons are: The freedom of the will; folly of sin—its unsatisfying nature, and desperate consequences; the nature of evangelical penitence, as discriminated for legal penitence; the process and course of recovery; the Divine compassion. (Lesson VII.)

The parable of the Pharisee and publican is one of the most pictorial of all. Two sorts of worshipers are made to fairly live before the reader. The one is false and fruitless; the other true and successful. The one haughtily denies all gross sins and affirms all active pieties. The other is penitent, makes no comparisons, attempts no palliation. The Pharisee's exit is not so much as noted, while the publican goes out justified—his misdeeds transposed to a hallelujah. (Lesson VIII.)

The incident of the "rich young ruler" is the record of a subtle interview, the meaning of which has universal application. This knight of legality betrays a disquiet spirit, in that he approaches Jesus at all. Jesus meets him on his own ground and uses his own methods. Relative goodness is made to face absolute goodness. The legalist is bidden to do and live. Obedience is averred, but the weak spot is touched in the crucial command: "Sell and give!" Self is revealed. Lordship of mammon is recognized, but the subject fails in the final test. (Lesson IX.)

Grace was magnified in the salvation of Zaccheus. The corrupt child of an age of corruption and fraud, steeped in an atmosphere of oppression, social sus-

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picion, national aversion; confronted for the first time in his life with absolute personal honesty, transparent truth, and singlemindedness—heart and life were changed at a stroke before the burning gaze of incarnate honor. (Lesson X.)

Jesus' triumphal entry into Jerusalem was no mere incident. It was an event of large degree. It was not accidental, but designed. It was consistent with Jesus' plan to present Himself to the nation for acceptance or rejection. It presents points of contrast to other "triumphs." It was characterized by meekness, a lowly equipage, absence of captives and spoils. It was accorded by the common people, not by church or state. Yet it was the most significant triumph in all history. No similar spectacle was ever fraught with such influence upon the destiny of the human race. (Lesson XI.)

Jesus' moral agony was greater than any physical pains He ever suffered. The cause of it was the contradiction of sinners against Himself, their effort to entangle Him in His words, their refusal to accept Him or His message. Jesus was crucified again and again before He came to His cross. In this instance the effort is to elicit from Him a categorical statement which can be used against Him in His trial, then impending. Jesus' answer is a miracle of genius, a flash of inspiration. He escaped the snare. He allied Himself with no faction. He carried the question over into an entirely new realm, where there are no disjointed commands or sacramental offices, but where there is a life which gives continuity, vigor, progress to the whole. With one splendid flash, Jesus discloses the fundamental element in religion. Absent, it makes the Christian a heathen; present, it makes the heathen a Christian. This disputatious coterie fades. Jesus is speaking to the universal human heart. The man of today, even though technically rated an unbeliever, recognizes the Divineness of the message, and receiving it, begins the life of love toward God and His fellows. And that is religion. (Lesson XII.)

Lessons Third Quarter.

1. July 1st. Jesus and the Children. (Matt. xviii, 1-14.)
2. July 8th. The Duty of Forgiveness. (Matt. xviii, 21-35.)
3. July 15th. The Good Samaritan. (Luke x, 25-37.)
4. July 22d. Jesus Teaching How to Pray. (Luke xi, 1-13.)
5. July 29th. Jesus Dines with a Pharisee. (Luke xiv, 1-14.)
6. August 5th. False Excuse. (Luke xiv, 15-24.)
7. August 12th. The Parable of the Two Sons. (Luke xv, 11-32.)
8. August 19th. The Judge, the Pharisee, and the Publican. (Luke xviii, 1-14.)
9. August 26th. The Rich Young Ruler. (Mark x, 17-31.)
10. September 2d. Bartimeus and Zaccheus. (Luke xviii, 35; xix, 10.)
11. September 9th. Jesus Enters Jerusalem in Triumph. (Matt. xxi, 1-17.)
12. September 16th. Jesus Silences the Pharisees and Sadducees. (Mark xii, 13-27.)
13. September 23d. Review.
14. September 30th. A Temperance Lesson. (Gal. v, 15-26; vi, 7, 8.)

CROCKER RELIEF CORPS NO. 27.

Invite all members, friends and veterans to accompany them on September 25th to Marshalltown by special train via the Chicago Great Western Railway at 8 a. m. from Des Moines, visit the Soldiers' Home and return by special train leaving Marshalltown at 7 p. m. Tickets will be on sale by the following persons at rate of \$1.50 for the round trip: Miss L. Rood, care of Pension Office; Dr. Ridgway, 211 Hillside Ave.; Mrs. Don Tullis, Ninth and School; Miss Ruby

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PATENTS

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LADIES to work on piecework \$3 per dozen. All materials furnished; no canvassing; steady work. Stamped envelope. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

Wanted men to learn Telegraphy; write J.P. Tighe, care Santa Fe Ry., Arkansas City, Kan.

J. Echerson, Thirty-eighth and Ingersoll; Mrs. J. J. Stuckey, 567 Seventh St.; May E. Jones, president, 1212 Tenth St.; Lucinday E. Drake, secretary, 663 Twenty-first St.; Mary W. Hazard, treasurer, 560 Seventh St.; Commander W. V. Wilcox, Adjutant J. J. Stuckey, or E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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For further information address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., 512 Walnut St., Des Moines, Iowa.

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The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle, SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circular.

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"KRESO" KILLS ALL KINDS OF LICE.

KRESO-DIP CURES MANGE & SCAB, CUTS, WOUNDS, SORES, RINGWORM etc.

KILLS ALL GERMS. EASY & SAFE TO USE. TRY IT

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More than your money's worth in incubators during the summer. We have them all beat; 40, 60 or 90 days to prove it. 5 year Guarantee. Now is the time to write to M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

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White Wyandottes.

BIG cut on eggs for June and July: \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM,
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ROSE COMB WHITE LEGHORNS.

EGGS 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS. Leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

15,000 Ferrets

48 page book for 6c, about these animals that exterminate rats, hunt rabbits. Price list free. Samuel Farnsworth, Middletown, O.

SILVER LACED WYANDOTTES.

EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm stock for sale from -It

Brahmas, S.L. Wyandottes, R.C.B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

SINGLE Comb Brown, White and Buff Leghorn

cockers for sale at 75c each, from pure winners. F. E. Garrett, Lohrville, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings. \$1.50 to \$3 each. Mrs. L. M. Estes, Audubon, Ia. Route 2.

DOGS.

REGISTERED COLLIES, Nick II 77339, Louise 76579. Bred to Nick II; due Oct. 1. Price, \$10 each. One female pup 4 months old; price, \$5. At stud, **Prairie View Hope**, a son of the famous champion, Vellebourne Hope. Fee, \$5.

D. W. NICKERSON, MARBLE ROCK, IA.

RATS won't kill all your Chickens if you have a Scottish Terrier. Very fine female puppies. From recorded parents, for sale. Pedigree with sale. S. W. Harr, Riverside, Iowa.

SCOTCH COLLIES.

Out collies will do one man's work. Write for catalog. Largest kennels in the west. **Geo. T. Underhill,** Knoxville, Iowa.

THOROUGHBRED fox, wolf and coon hounds.

Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

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SORE EYES, Granulated or inflamed lids relieved instantly by "Ocular." Price one dollar. Satisfaction guaranteed or money refunded. The Idania Co., Box 363, Kirksville, Mo.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

A STEP IN THE RIGHT DIRECTION.

We have frequently called attention to the improvement in making pictures of poultry. The improvement in making such illustrations has been even greater than the improvement in some of the breeds of poultry. It has grown to such a state that it is next to impossible to get a true likeness of a fowl. This kind of illustrating has been termed "fake poultry pictures," and we are glad to see some of the poultry papers taking a stand in this matter. In an announcement of the Reliable Poultry Journal, that paper takes the following stand: "In future, all illustrations of prize-winning or other meritorious specimens of fowls that appear in these columns and are signed by R. P. J. artists—Messrs. Franklane L. Sewell and Ralph D. Collins—will represent our artists' best efforts in the line of actual reproductions of the live models."

"We have decided that the best condition in which breeders and exhibitors are able to show their birds, either in competition for prizes or before the camera, is precisely what our readers want to see and have the right to see; hence in future it will be the sole aim of R. P. J. artists to 'do the birds justice' by reproducing each specimen 'true to nature.'"

"And this also will be doing strict justice to the breeder, owner and exhibitor or likewise to poultry culture as a progressive art. By adopting and adhering to this method of faithful reproduction all such likenesses will produce real value; they will then show what is what and thus come somewhere near enabling interested persons who cannot visit the big poultry shows season after season, to 'see for themselves' what the best birds on display really look like."

MOVING HENS.

Fowls are very fond of their home and they very much dislike to be moved. It is not a profitable business to move them unless it is absolutely necessary. If eggs are the object sought it is very important that laying hens should not be moved from one location to another while laying as it will diminish the supply of eggs. Where it is possible to do so pullets that are intended as layers should be brought up within sight of the location they are to occupy when they begin laying. On the contrary, if it is desirable to delay the laying of a hen or a pullet for any reason all that is necessary is to move them from one locality to another and the business is done. This is sometimes done among fanciers when it is desired that they put their energies into growth instead of eggs. Sometimes a broody hen may be broken up by removing her nest from one locality to another. And especially is this true where new companions are given her.

Shade and Water.

To the Editor of The Homestead:

The absence of shade and the neglect to provide fresh water during the hot months will cause great suffering among fowls. The humane poultryman will not neglect these two important items. The water-pail should make the rounds as frequently as the feed-pail, and in very hot weather fresh water is more important than the mid-day meal.

An ideal range upon which to rear young stock would be an orchard or lot covered with small trees or brush having a living spring near by, with pastures, meadow lands or grain fields adjacent and over which the chicks might have free range. With such a location the hen man is on easy street in many respects, as it will only be necessary for him to feed regularly and protect the flock from their natural enemies which are very likely to abound in such a location. Not all of us, however, can have such a range made to order, consequently deficiencies must be provided for artificially. A substitute may be arranged by driving four stakes in the ground and covering over the top with limbs or boughs cut from trees or pieces of old boards may be used for a covering.

STEEL ROOFING

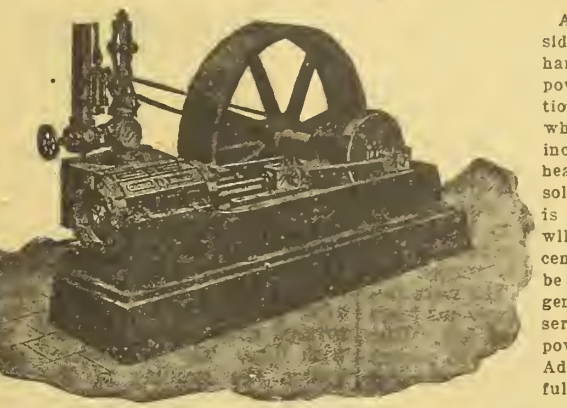
PER 100 SQUARE FEET

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Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not taint rain-water. Makes your building cooler in summer and warmer in winter. Absolutely perfect, brand new, painted red two sides. \$1.50 is our price for our No. 15 grade of Flat Semi-Hardened steel roofing and siding, each sheet 24 inches wide and 24 inches long. Our price on the corrugated, like illustration, sheets 22 inches wide x 24 inches long \$1.60. At 25 cents per square additional we will furnish sheets 6 and 8 feet long. Steel pressed brick siding, per square \$2.00. Fine Steel Beaded Ceiling, per square \$2.00. Can also furnish standing seam or "V" Roofing. **WE PAY THE FREIGHT TO ALL POINTS EAST OF COLORADO** except Oklahoma, Texas and Indian Territory. Quotations to other points on application. Satisfaction guaranteed or money refunded. We will send this roofing to any one answering this advertisement C. O. D., with privilege of examination if you will send us 25 per cent of the amount of your order in cash; balance to be paid after material reaches your station. If not found as represented, you do not have to take the shipment and we will cheerfully refund your deposit. Ask for Catalog No. W-500. Lowest prices on Roofing, Eave Trough, Wire, Pipe, Fencing, Plumblings, Doors, Household Goods and everything needed on the Farm or in the Home. We buy our goods at sheriff's and receiver's sales. **CHICAGO HOUSE WRECKING CO., 35TH & IRON STREETS, CHICAGO**

STEAM ENGINE FOR SALE AT A BARGAIN



A Frost, automatic, side crank, 8x13, left hand, rated thirty horse power, speed 250 revolutions per minute. Fly-wheel drive, 48x19; three-inch throttle; outboard bearing with adjustable sole plate. This engine is in prime condition, will operate on a 2 per cent variation and would be suitable for belted generator or any other service where steam power can be employed. Address for price and full particulars,

Homestead Co., Des Moines, Iowa.

These sheds may be low and need not be more than three feet from the ground, requiring very little work to make them and no expensive materials. Have plenty of them so the chicks will not be obliged to crowd together when trying to escape the hot sun.

In the production of fine exhibition fowls shade and plenty of it is a necessity, as all white fowls and all party-colored ones will become brassy or faded if allowed in strong sunlight. Many of the winners at Madison Square and other large eastern shows are said to have been raised entirely in the shade; and there is no question but that the fancier who is planning for a long string of premiums will greatly improve his chances for the same by giving due attention to the matter of shade for the growing chicks and adult fowls as well. Under such treatment the plumage will retain all its natural brightness and the fowls will present a much neater and cleaner appearance than if allowed to become faded and dingy.

Mrs. B. F. Wilcoxon.
Polk county, Iowa.

Cancerol Cures Cancer.

No need of the knife or burning plaster, no need of pain or disfigurement. Cancerol is soothing and balmy, safe and sure. Write for free book, address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

The Week in Kansas.

To the Editor of The Homestead:

At last we have enjoyed a week that the weather sharps cannot say is very unusual. It has been a representative week for this season of the year. The first two days were quite warm, followed by a nice shower, then cooler weather. The shower, which came on Tuesday, was just what we needed to make seeding and the preparation of the ground for seeding go off in fine shape. This morning it has spit a few drops of rain again, but the sun shows signs of overpowering in an hour or two, so it may let us off this time, as we sincerely hope it will.

The people of Kansas have thought they were busy at different times this summer, but busy times of the past have been as nothing compared with now. Threshing has not yet been completed, seeding is here, corn is ready to cut, and all the other countless chores have made their appearance all at once. Everywhere everyone has too much to do.

Up to the shower of Tuesday the fall

plowed fields have been dry enough so the disks have done good work tearing out the immense growth of crab and water grass that grew on all the earlier plowed land. In some places the grass had grown to a height of two feet, but where the plowing had not been harrowed down level, the disks turned it out in good shape. Had it kept on raining last week, as it has in the weeks past, it would have been impossible to put the earlier plowed fields in shape without reploting. Thus a little dry weather in "semi-arid Kansas" is often a good thing.

Corn cutting is now here, but there will not be the usual acreage put in the shock. In the first place, there are not the usual number of cattle in the country, and then the hay crops were extra good this season, especially tame hay, so roughness will be plenty without cutting so much corn. The average Kansan is not in love with husking corn out of the shock, so take advantage of getting any good substitute for corn fodder.

Every grain drill in the country for miles around is kept busy from early morning until late at night. There are still a large number of farmers here who depend upon hired tools to work with, some of them putting in a larger acreage than those who have all tools necessary, and it is this class of farmers who are always on the lookout for a tool as soon as the owner is through with it. However, if it does not rain, as we hope it will not for a few days, all will be through. It is the every-day work in the field that counts. Henry Hatch.

Coffey Co., Kansas, Sept. 14th, 1906.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron Mountain Route will sell round-trip tickets to points in Texas and Louisiana for \$20 from St. Louis and \$25 from Chicago on the first and third Tuesdays of each month. Proportional low rates will apply from other points; also one fare plus \$2 to points in Indian Territory, Arkansas and Missouri, and \$25 from Chicago to Pueblo, Colorado Springs and Denver, with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory, which are limited to thirty days, stopovers going and returning.

Mexico: Less than one fare on the first and third Tuesdays, with stopovers.

California: Low round-trip rates on sale daily to September 1st.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2, good thirty days, on sale daily.

Remember the Missouri Pacific Railway and Iron Mountain Route reach the principal points in the above-named states without change of cars.

For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

LAYING DOWN PEACH TREES.

In the northern part of the corn belt, as well as in the wheat belt, peach trees are not always sufficiently hardy to pass through the winter without great danger of winter-killing. The effect of frost is sometimes overcome by dividing the roots at planting time so that they are spread out at right angles to the direction the trees are to be laid down. By digging down the side of the trees to be bent over the stem is crowded over when young, and when it gets larger the previous crowding, bending and breaking of the roots favor the continuance of the operation.

According to Budd & Hansen's Manual trees should be encouraged to make an upright growth the first year. A strong one-year-old tree should be about six feet high when planted, and by pinching the lower limbs it may be made to grow two feet more in height when ready for laying down in the fall. Late in autumn trim off all the side limbs and dig away the earth on the side it is to be turned over. By pressing at the crown and gently crowding the tree downward, the cane can be laid flat on the ground and pinned fast. Then cover with straw, with dirt enough on top to hold it in place. The next spring the cane is left prostrate, but the point is turned upward and tied to a stake. The next fall the top attached to the stake is cut loose and turned to the right or left. The spring of the prostrate stem will permit a child to bend the top to the ground at this stage of growth.

Later, as the stem attains greater size, it will need more strength, but if always turned in the same direction the top can be turned over after the tree has produced several crops. The prostrate stem and the crown must be covered as well as the tops. Before covering the top, cut back fully one-half of the new growth and take out also the weak inner shoots and the unripe twigs.

For this plan of growing, select such varieties as Bokhara No. 3 or No. 10, that will ripen up the wood well in autumn. Farther south, where the wood is relatively unharmed in winter, but where the fruit-buds or blossoms are liable to be killed by frosts, spraying with milk of lime towards spring has proven an advantage, as the white color is less affected by heat-rays and the blossoming period is slightly retarded. But in north

Get Ready to Fight Hog Cholera



Kills Hog Lice

It is coming. In hundreds of places hogs are dying. Yours may be attacked tomorrow.

The time to begin the fight is right now, before it gets into your herd. It is a much easier thing to ward off hog cholera than to cure it when it once gets a start.

It is known that cholera is produced by a little germ. It is a mighty difficult thing for this germ to get a hold if the hog's general health is really good and his surroundings perfectly sanitary.

It's the unsanitary pen and the hog out of condition that disease germs start upon. That is not only the teaching of the books, but it is common experience and it is common sense.

That's why the cholera attacks one herd of hogs and skips the next. It doesn't just happen so; you can see the reason for it.

And you can see, too, how you may surely enable your hogs to escape the plague by a little care and attention.

Zenoleum Creates Anti-Cholera Conditions.

It is sure death to disease germs wherever it is used. It not only prevents cholera but it arrests its progress and cures when it has once taken hold of the herd.

For many years it has been the remedy employed by farmers, feeders, veterinarians and others to create and maintain healthy conditions in animals and their surroundings and to ward off contagious diseases.

Forty-three Agricultural Colleges are now using and recommending Zenoleum.

Can you afford to take the chances of losing the whole or a part of your herd from the disease now going the rounds?

Zenoleum gives you assurance of safety. The cost of what you will use is nothing compared to what you will lose if the cholera strikes your herd.

Most Dealers Sell Zenoleum.

One gallon Zenoleum, Express prepaid, \$1.50
Five gallons, freight prepaid, \$6.25

Buy a gallon and note its effects. Don't fail to ask for copy of "Piggie's Troubles," a 64-page book filled with valuable information.

ZENNER DISINFECTANT CO.,
31 Lafayette Avenue, Detroit, Michigan.

Silesia, a far better plan for retarding the blossoming period was observed. In frosty localities amateur growers adopted the cordon system of training of the cherry, plum, apricot, and peach, and after pruning in the fall the tops were covered with gunny sacking whitened with lime. The light-colored cloth prevented the swelling of the fruit-buds during warm spells in winter and very much retarded the opening of the flowers in spring.

The Morning Glory Pest.

To the Editor of The Homestead:

I have been reading an article in your paper on how to get rid of the morning glory pest. Years ago I had an experience of that kind. A field adjoining my own farm had been in the hands of renters for several years, and being cultivated in corn all that time became so badly infested with morning glories that the vines would actually tie the ears tight to the stalks so that they could be shucked off only with the greatest difficulty.

Finally this field came under my management. A large part of it was as

thickly set with cockleburrs as the other part was with morning glories. I raised one crop of corn by keeping the burs down with plow and hoe, letting the morning glories entwine themselves about the corn all they pleased. When the corn was in proper condition I cut it with a corn binder and in the fall and winter fed the stalks, corn and morning glories to a bunch of steers. By this means I saved a lot of morning glory seed from falling back into the ground, and besides that, the glories made excellent feed in themselves.

That same fall I sowed the field in rye and the following year to oats, so

Red Tag Trees

Our assortment of fruit trees, ornamental trees, shrubs, plants and novelties, for Fall planting, is the most extensive and complete in the West.

PHOENIX TREES AND PLANTS

are now labeled with a Red Tag, which guarantees their genuineness and condition. Send for the Phoenix Catalogue. It's free. Shows a splendid assortment of stock, and it tells you why you should plant in the Fall. Write to-day for a copy.

PHOENIX NURSERY CO., 200 PARK STREET, BLOOMINGTON, ILL.

Autumn Bulbs
Send for our Autumn Catalog of Tulips, Hyacinths, Narcissus, Crocus, Jonquils, and full line of imported bulbs. The Jewell Nursery Co. Box 19 Lake City, Minn.

POPCORN. Send us sample and price of good Rice Popcorn, shelled. Shotwell Mfg. Co., 119 N. Peoria St., Chicago (Largest manufacturers of Popcorn specialties in America.) Keep this advertisement for future reference.

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc. Stark Bros., Louisiana, La.

WANTED Salesmen to introduce the world's wonder in fruits. Black Ben's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

FOR sale, Dellancey wheat. For 10 bu. or more 90c. per bu.; under 10 bu. \$1 per bu. O. C. LONGSTRETH, AFTON, IOWA

that in about three seasons that field was entirely free from both burs and glories, and after that I could grow corn without any trouble from these two sources, raising as much as seventy-five bushels of excellent corn to the acre. I left the field so clean of all kinds of weeds that my successor in the handling of that field actually planted it to corn without plowing, only giving it a thorough disk harrow working and planting the corn.

Neosho Co., Kan. Z. T. Posthelwaite.

Machinery that can be most conveniently used in cold weather and with the least trouble and breakage is the kind that all hustling farmers are looking for. Read the Litchfield Manufacturing Company's advertisement on page 5 and see the value of such a manure spreader.

I. O. O. F., DUBUQUE, IOWA.

Account of the Annual meeting of I. O. O. F. and affiliated societies THE CHICAGO GREAT WESTERN RAILWAY will sell round trip tickets to Dubuque and return at rate of one fare plus fifty cents on October 14 to 17th with return limit of October 22d. For further information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

INCREASE YOUR INCOME.

Opportunities in all lines of business in new and growing towns in Iowa, Illinois, Missouri and Minnesota along the line of the Chicago Great Western Railway. Write to Industrial Department, C. G. W. Ry., St. Paul, Minn., for "Town Talk" and county map.



This beautiful roan herd bull, illustrated above, is Imp. Clan Craibstone, a roan, calved March 1, 1902. His dam was the beautiful cow, Imp. Craibstone Beauty 6th. Both this bull and his dam are two of the many attractions in the sale of Messrs. R. G. Robb & Son, at Morning Sun, Iowa, October 18th, at which time their entire herd will be dispersed, including twenty-three head of Scotch cattle, three being imported. This sale affords an opportunity seldom equaled for lovers of Scotch cattle to replenish their herds, as well as for the beginner to secure some splendid foundation stock for the nucleus of a new herd. This date should be borne in mind and application made for a catalog at once, to Messrs. R. G. Robb & Son, Morning Sun, Iowa.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

SUMMER CARE OF SHEEP.

An experienced sheep breeder has the following to say in the Country Gentleman of the summer care of sheep: "In summer the sheep thrive on pasture where there is plenty of room and good feeding. The shepherd, however, who thinks that because his flock is safe in pasture he need give them no attention until fall, will find himself in possession of a lot of diseased and unprofitable sheep in a few years, and his farm infested with germs. Most of the trouble will be from internal parasites. In our country there are only two or three species which cause much trouble; among these the twisted stomach worm is by far the worst. This lives in the fourth stomach of the ewe, and she carries it through the winter, even though she shows no signs of it in her condition. In the spring, and summer the worms 'ripen' and pass away, and right here the danger lies, because the little worms hatch in shallow pools or on the moist grass close to the ground and are taken in by the young lambs in feeding and drinking. The stomach worm has done more to discourage sheep raising than all other causes put together. The symptoms of the presence of the stomach worms are: The wool appears lusterless and does not spring out when pressed by the hand; the red veins about and in the eyes seem pale; the skin, on parting the wool, will be found to have lost its pinkness; a disordered digestion and depraved appetite may follow. Before death there will be 'black scours.' The best preventive is to separate the lambs from the ewes as soon as weaned, and put them into a fresh pasture which has not had sheep on it for a year. The mature sheep should have a change of pasture every two weeks. This will not be much trouble after the fences are once in place. Of course if a shepherd and dog attend the sheep, they will move to fresh grounds naturally. One of the best remedies which has been successfully used is a 1-per-cent solution of coal tar creosote, made as follows: Coal tar creosote, one ounce; water, ninety-nine ounces (six pints and three ounces). The dose given is usually, for lambs four to twelve months old, two to four ounces; for yearlings and above; three to five ounces. Be careful not to get the liquid into the lungs, or the animal may die in a few minutes. Before the flock goes to pasture, be sure to ... and shorten their feet. This can be more easily done after the sheep have been in wet grass for a day or so. Look out for foot rot and foot scald. There is often a distinction drawn by shepherds between these two ailments, although the latter is usually, if neglected, the forerunner of the former. There is an inflammation of the skin in the cleft of the hoof, which does not go in very deep, and yields quickly to an application of carbolic acid or coal tar dip. The sheep should be kept on a dry footing for a short time. When the inflammation goes beneath the shell of the foot and gives out a watery, bad-smelling matter, it is real foot-rot, and should be carefully treated at once or it may spread to the rest of the flock. First pare away all the horn that hides the diseased surface, as the disease is of parasitic origin—the germ must be removed before a cure can be effected. When the diseased surface has been laid bare, wet it well with a strong solution of blue vitriol. Bind up the wound if the horn has been cut away much. To prevent the spread of the trouble, make a trough six inches wide at the bottom and twelve at the top and ten feet long. Put this in front of the gate where the sheep will have to pass through it when leaving the yard every

morning for a week. In the trough put a plain lime whitewash, with enough blue vitriol to give it a blue color. Don't shear the sheep too close, or they will suffer from the flies, and consequently be restless and poor in flesh. A little attention to the comforts of the flock will make sheep raising both a pleasure and a financial success."

Sheep on Small Farms.

Many farmers entertain the opinion that it is not profitable to raise sheep on a small farm, but they are unable to give a satisfactory reason. Those who have tried it find that there is nothing else they can raise that produces so much profit, for the sheep is the cheapest animal in the world to grow and gives the producer a double compensation—mutton and wool. A good ewe will produce a lamb worth as much or more than herself every year and besides supply enough wool to more than pay for her keep. At the same time she consumes weeds, brush and other troublesome things about the farm which other animals will not touch. If a cow would produce a calf worth as much as herself every two years, most farmers would feel satisfied, yet there are farmers who go on feeding cattle at a loss when they might get rich raising sheep. It must be conceded, of course, that a small farm is not as good as a big one for sheep to run on, for it is best to change the pasture every year if possible. Again, sheep may be grown profitably on cheap and rough ground not fit for agriculture. On the farm where land is worth \$100 or more per acre it is a serious problem what to grow to give the best returns. Raising and feeding cattle one year with another gives poor results. Hogs sometimes are profitable, but sheep are money makers all the time and at the same time enrich the soil as no other animals do. If you are a sheep raiser on a small scale, double it. If you are prejudiced against sheep, get over it and fall in line with the times.—Shepherd's Criterion.

The Wisner Stock Show.


That this is the age of advancement and progression was never more clearly proven than by the live-stock show held at Wisner, Neb., last week, a small town on the C. & N. W. Ry., located seventy miles from Omaha. A few years ago this same section of country was not heard of as a live stock center. Now they have some of the best in the world. Some time ago there was formed here an association known as the Wisner Live Stock Association and they built a stock pavilion and erected stalls for about 200 head of cattle, besides pens for sheep, swine, etc., and a building for agricultural products. Their first annual show was held last week and it was one of the great successes of the year. Fully 4,000 people were on the grounds the second day, and had it not been for a downpour the last day the attendance would probably have surpassed the preceding days. The cattle show was far ahead of some of the state fairs, especially in the Short-horn section. There were nearly 200 head of cattle on the grounds, mainly

WE GUARANTEE that under the same conditions as to power and speed applied, condition of corn, etc.,

The Appleton Corn Husker

**2-Roll,
4-Roll,
and
6-Roll,
Drops or Mounted.**

*Write to-day for
free Catalogue.*



will do more and better work than any other machine of like character and corresponding size on the market, that it is simpler in construction, easier in every way to operate; easier and safer to feed and to require less power for successful operation. The proof of these claims is sent for the asking. We make also a complete line of manure spreaders, horse powers, shellers, ensilage and fodder cutters, feed grinders, wood saws, windmills, etc. Remember that Appleton quality is the standard of excellence.

APPLETON MFG. CO., 39 Fargo St., Batavia, Ills.

SHROPSHIRE FOR SALE.

CHOICE registered yearling ewes and pure bred unregistered ewes. Also imported and home bred yearling rams. Choice rams suitable for flock headers. Inspection invited. Satisfaction guaranteed.
DANIEL LEONARD & SONS, ADAMS CO., CORNING, IOWA.
 80 miles east of Omaha on main line of the Burlington.

BIG IMPORTATION
Of England's Tops Just Arrived.

ALSO have a prime lot of home-breds. Big, strong, heavy-boned, heavy-shearing rams to improve any flock. A growthy lot of typical ram and ewe lambs. Long-bodied, short-legged yearling ewes, perfection in type. Our offerings and prices will interest you.

CHANDLER BROS., KELLERTON, IA.

LINCOLN RAMS

FOR SALE. ADDRESS,

B. F. Clark, Albia, Iowa

COTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgians stallions at \$1,000 each.

A. LATIMER WILSON, CRESTON, IA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.

GEORGE ALLEN, LEXINGTON, NEB.

Shropshire Rams

AT Pike Timber. A good lot of yearling Shropshire rams, all got by the Imp. ram Lord Byron (9989 R) and some of them out of imported ewes.

T. A. DAVENPORT, BELMONT, IA.

Oxford Down Rams
FOR SALE.

A number of very choice rams for sale. Also some good Duroc Jersey boars.

S. S. STOLT, KIRON, IA.

GOATS FOR SALE.

POLLED Angoras, does and bucks. Must be sold at once.

S. S. McKIBBIN, DesOTO, IA.

OXFORD DOWN rams and ram lambs and ewes, sired by a 350 pound ram, for sale.

John Graham & Sons, Eldora, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic, Cass County, Iowa.

When writing to advertisers please mention this paper.



Gay Hampton 212202, one of the best sons of Hampton's Best, to be included in the Peterson Bros. Dispersion Sale, Lamoni, Ia., September 27th.

SPENCER'S LATEST
HAY PRESS INVENTION

Makes a 100-lb. bale with 2 feeds in less than a minute. A 14x18 Box Press—one feed to the circle. If it cannot in a short test double the capacity of any other firm's make of two horse perpetual press making two or more feeds to the circle, no sale and freight refunded. Write for our free catalog.



**J. A. SPENCER,
Dwight, Ill.**

DAY BY DAY

Agricola

September 12. Corn is maturing nicely. We have already selected some for seed, which are dry and hard. Ever since we settled on this patch we have found that in the spring more than one farmer about us bought seed corn. This is especially so with tenants.

So we have concluded to try and meet a portion of these wants by selecting the best ears and hanging them up to the joist in the barn.

The madam thinks boiled pumpkin is an egg-producing feast. Just as much so as oyster shell is necessary to make shell.

I started some sensitive rose seed in a pot. They will be a great curiosity to most folks hereabouts. We are fond of curiosities. Have quite a collection.

Received some Filipino lace from a nephew, a lieutenant in the Philippines. It is very fine, and as delicate as a happy dream. The folks who conceived and manufactured it must be an enlightened people.

Such fabrics throw more light on the condition of a people than forty lectures.

Besides from the same source we have other articles characteristic of the civilization of those islanders.

We Americans are the progeny of the emigration of the best people of the old lands. This is the cause of our smartness.

People are rendering out grape juice and canning it. Sweetened Concord juice, slightly diluted, makes an excellent drink. It does not inebriate. Besides we are told that it is very healthy.

Every garden should have plenty of grapes and of various kinds. Some are better to eat than other varieties. Black, red and white grapes are all good.

A red clematis at the porch is a prolific bloomer, but its day for this year is over and gone. It is, we are told, the only real red clematis variety known.

The recent rain has started plowing. There will be, around here, more than usual. Somehow, though we don't know the reason, our corn does best on fall plowing.

We planted quite a patch of sweet corn. We have it all in shock, having husked it. Close to a city as we are, rats abound. They forage the suburbs thoroughly. Hence one don't want to

30 DAYS FREE TRIAL
OLD HICKORY BUGGIES

We sell these splendid buggies direct to you, at lowest factory prices. Saves you one-half.

GUARANTEED 2 YEARS
"Old Hickory" buggies have quality, have style, have finish, and that lasting quality that no other buggy can equal. You will be surprised at the low factory prices. Write for Catalog today.



Kemper-Paxon Mercantile Co. 1444 W. 9th St. Kansas City, Mo.

OUR CORN SHOCK
COMPRESSOR 75c

Something Every Farmer Needs. Buy IT RIGHT NOW

Saves time. A boy can use it. Guaranteed. YOU should have half a dozen of our Corn Shock Compressors to save you all the hard work of shocking corn. It will pay for itself in half a day's time. Made of iron metal. Self-locking. Easy to release. Lasts always. Furnished without a rope for 75c. and 10c. extra for postage. Send order to the William Galloway Co., 109 Jefferson St., Waterloo, Iowa.

Do Not Stammer!

WE cure stammering, Stuttering and other forms of defective speech in four to eight weeks. Only permanent institution in the Northwest. Endorsed by public officials, educators, professional and business men. Terms moderate. Write us today.

NORTHWESTERN SCHOOL FOR STAMMERS,
1022 15th Ave., S. E., Minneapolis, Minnesota.

FENCE Strongest Made
Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today
COILED SPRING FENCE CO.
Box 20, WINCHESTER, INDIANA.



O. L. Chase

I Am the Paint Man

EIGHT-YEAR GUARANTEE—TWO GALLONS FREE TO TRY—6 MONTHS' TIME TO PAY

MY PAINT is a new paint—made in a new way—sold on a new plan. It is unique.

My paint is unlike any other paint in the world.

It is made especially for you after your order is received, and I pack your order in hermetically sealed cans.

I ship my thick pigment, which is double strength, freshly ground, in separate cans, and in another can I ship the pure, old process Linseed Oil—the kind you used to buy years ago. Any child can stir them together.

This is the only possible way that you can get fresh paint for your work, and fresh paint is the only good paint.

I sell my **O. L. Chase Made-to-Order Paint** direct from my factory to you at a very low factory price.

You pay no paint dealer's or middle man's profits. It is the most economical good paint made, for first cost, and because of the extraordinarily long wear, it reduces the average of your painting bills at least fifty per cent.

I pay all freight on six gallons or over. I allow you to try the whole

order to paint your buildings. After you use it, stand off and look at it. If it is not entirely satisfactory and as represented in every way, the paint will be yours free.

No other paint manufacturer ever made such a liberal offer, and I make it because I manufacture the best paint ever put on the market.

I go even further. I will sell my paint on six months' time to responsible people if desired. This gives you ample time to test of its value.

Back of my agreement for quality, I also put a guarantee for eight years, the longest ever put upon a paint, and back of that is my \$50,000 bond.

Before buying paint, be sure and send for my paint book. It will not cost you a cent. It is the finest paint book ever issued. It tells the whole of my paint story in the most convincing and common sense argument, and with it comes big samples of all colors to choose from. Drop me a line at once. I will be glad to forward you the booklet, with a copy of my written guarantee, etc.

Yours truly, **O. L. CHASE, The Paint Man,**

701 Olive Street, St. Louis, Mo.

cut up unhusked corn and leave it in the shock any length of time.

Then there is the vole, or short-tailed mouse. They are very destructive also. They are the connecting link between the rat and mouse, so naturalists say. We don't pretend to know.

We farmers have enemies on every hand. But everything worth having requires struggling and labor. In the "sweat of the brow," we are to eat bread, says Holy Writ. The saying is literally true with the majority of men.

Some are prophesying frost daily. There is no need of uneasiness. We never knew it to catch the Spanish needle in flower. It postpones its appearance until it is sure of lots of the seed which will grow.

Spanish needles and cockleburrs mature with the corn.

When a boy, one of our tasks was to ride a horse hitched to a brush between the corn rows to break down the burs so the huskers could get along. This was in the bottoms of the Big Miami river, near the city of Hamilton, Ohio. The yield of corn was immense too. The corn was laid by clean.

The biggest cockleburrs, however, that we ever saw were in the bottoms of the Yazoo river in Mississippi. We saw the fourth Iowa infantry disappear in them at the battle of Chickasaw Bayou. The burs completely hid the men. The bayonets only were visible.

THE DES MOINES DAILY NEWS

MAKES AN EXCEPTIONAL OFFER OF 25c FOR THREE MONTHS TO TRIAL SUBSCRIBERS.

The News is the only paper published at the Capital City that is not controlled by party politics. All the news is published in a condensed and readable form in an independent and fearless manner. If you would know the facts about all state and national questions, just as they are, you will enjoy reading The News.

Daily market reports, farm news, household hints, sporting gossip, and everything that goes to make a complete metropolitan paper are regular features.

Every reading person now has an opportunity to see just how good The News is by sending 25c to the Des Moines Daily News, Des Moines, Iowa, for a three months' trial subscription. The paper will be stopped promptly at the end of the three months unless you decide to renew. Send today, as this offer will not appear again.

IN THE GREAT SOUTHWEST.

The Santa Fe's train service north of Ardmore, I. T., was completely tied up on the 12th inst., on account of heavy rains which washed away a portion of the track.

Purcell, I. T., is partially under water as a result of terrific rains on the Canadian river, which is out of its banks. Six hundred yards of the Santa Fe were submerged and washed out when the course of the swollen stream was changed. The company will immediately begin construction of a new roadbed at Purcell. The precipitation lasted six hours and amounted to five inches.

A heavy gust of wind at Joplin, Mo., leveled the big arena tent of a circus. The wind came from the west, and seemed to pass over the top of the menagerie tent, but the "big top" was split and torn into ribbons, while the heavy poles fell with a crash over the seats.

Homeseekers Rates

One-Way:

Round-Trip:

\$33

to Portland, Tacoma, Seattle, Victoria, Vancouver and many points in the Pacific Northwest.

\$33

to San Francisco, Los Angeles, San Diego and hundreds of points in California.

\$30.50

to Spokane and hundreds of points in the Inland Empire.

\$30

to Butte, Helena, Missoula, Ogden, Salt Lake City, Grand Junction and points in Montana, Utah and Western Colorado.

\$25

to Billings, Mont., center of a rich irrigated district in the famous Yellowstone Valley.

\$28.90

to Cody or Worland in the wonderful Big Horn Basin of Wyoming. Opportunities there for all men.

\$25

to Brush, Fort Morgan, Sterling and other points in Eastern Colorado. Also to Denver, Colorado Springs and Pueblo.

\$25

to Deadwood, Lead, Hot Springs and all other Black Hills points.

\$25

to all points in the 640-acre Free Homestead Country in Nebraska which is rapidly filling up with a desirable class of settlers.

\$25

to Cody and Worland, in the Big Horn Basin, Sheridan and many other points, including those in the North Platte Valley.

\$25

to Billings and many other Montana points.

Tickets at above rates on sale every day until October 31.

Tickets at above rates on sale Oct. 2 and 16, Nov. 6 and 20.

These rates are for tickets from Chicago, but they may be had from any ticket agent at rates proportionately low.

**Burlington
Route**

Take a minute and a postal card to tell us in what section you are interested and we'll send you valuable printed matter.

P. S. EUSTIS, Passenger Traffic Mgr.,
209 Adams Street, CHICAGO.

FREE U.S.
Gov't LANDS

WRITE to C. L. Sengraves, General Colonization Agent A. T. & S. F. Ry., 1117 Railway Exchange Chicago, for free copy of new folder, telling all about Government lands along the Santa Fe in western Kansas, eastern Colorado, New Mexico, Arizona and California, subject to homestead entry. In that region are millions of unoccupied acres. Much of this land can be irrigated, or crops grown under the Campbell system of "dry farming." It costs you only a postal card to find out the facts.

Southwest and in
California

royalties by mail. These letters come from every point of the compass, but the climax was reached yesterday when Needles Walters, operators, received a request from an Indian to send his royalties to Jerusalem. He did not inform them as to what he was doing in the holy city, but requested them to address all communications to Jerusalem in the future.

Nineteen white-haired veterans of the Mexican war answered roll call at Chillicothe, Mo., at the national encampment. The youngest man on the roll is 78 years old. Joseph A. Smith, of Lawson, Mo., has the distinction of being the oldest, whose age is 83. Mayor Hirsch delivered the address of welcome to the veterans at the city hall and was responded to by Colonel D. C. Allen, of Liberty. Captain W. Boon Majors, of St. Joseph, is presiding over the convention.

At Coffeyville, Kansas, the other day a farmer and his mule got tangled up with a "Katy" switch engine, but prompt action on the part of the engineer saved the engine.

Oil operators who have been taking oil leases in Indian Territory for the past four years frequently receive requests from Indians who own land on which white men have leases, to send their

ADVERTISING NOTES.

How about booking that sale you are going to have with Mr. O. L. Mossman, of Polk City, Iowa? This auctioneer's terms are right, as well as his services. Breeders desiring a conscientious worker will find him worthy at all times. Mr. Mossman has held successful sales in every instance and is booking orders daily. Try him for your next sale. His card will be seen on page 32.

Mr. S. K. Noland, of Des Moines, Iowa, the well-known live stock and real estate auctioneer, announces a special \$50 term in auctioneering in his advertisement on page 31 of this issue. The special price is made for a short time only and those wishing to avail themselves of the opportunity to learn auctioneering at a low price should read the advertisement and write Mr. Noland at once, mentioning The Homestead.

We take pleasure in calling the attention of our readers to the new advertisement of Mr. Geo. H. Heafford, of Chicago, Ill., that appears on page 23 of this issue. Mr. Heafford is interested in fruit and tobacco lands located in Houston county, Texas. He is sending free for the asking a new map of Texas, showing the location of these lands and will also send a descriptive circular, from which those interested can obtain some valuable information. He is selling land from \$8, \$10, \$15 and upwards per acre.

Mr. Frank Pearce, of Fredericktown, Mo., in furnishing copy for his advertisement found on page 23 of this issue says: "The land advertised for sale by me will produce the same crops under the same conditions and cultivation that can be raised in Iowa or Illinois. Some have condemned this land without seeing it, and others who have looked it over have generally thought, 'I have no kick on Iowa, as I farmed there for over thirty-five years. The opportunity to get a cheap farm here now is about the same as it was in Adair county, Iowa, twenty-five years ago.'"

We are advised by Mr. W. H. Grassmeyer, of Riverdale, Neb., whose advertisement appears on page 23 in which he is offering his 720-acre farm for sale, that there will be harvested on his farm this year 18,000 bushels of corn, 2,500 bushels of wheat, 2,500 bushels of oats, 200 tons alfalfa hay, and 100 tons of wild hay. This farm is located within one mile from school and if any reader of The Homestead wishes to purchase a fine home, here is the chance of a life time. The owner lives upon the farm and he desires that prospective purchasers call and look the land over and be convinced of the big bargain he is offering.

A stove that will save 25 per cent of the fuel as compared with other stoves ought to attract to itself considerable attention. Such a stove is Cole's Original Hot Blast, made by the Cole Manufacturing Company, Southwestern avenue, Chicago, Ill. The advertisement of this firm will be found on page 14. Readers who expect to purchase stoves this fall or winter are requested to inquire of their dealers about Cole's Hot Blast stoves. They sell from \$10 up. If upon application to your local dealer you do not find Cole's Hot Blast kept in stock, write for a free booklet on the scientific combustion of coal, addressing Cole Manufacturing Company, Southwestern avenue, Chicago, Ill.

The real merit of steel roofing has been known by builders for a number of years and it is no more than right that farmers who have buildings to roof should know that it is one of the best and safest materials from which a roof can be constructed. The Chicago House Wrecking Company, 35th & Iron Sts., Chicago, Ill., whose advertisement appears on page 17, have a large quantity of this material that can be procured very cheap. This material is new and is well preserved with paint. It is fire proof and water proof. This company will pay the freight to all points and a privilege to examine the goods at your railroad point before paying for them. Send for their catalog No. W-500.

An advertisement of the Northwestern School for Stammerers, of Minneapolis, Minn., will be found on page 20 of this issue of The Homestead. This school gives thorough and careful individual treatment founded on eighteen years of scientific and careful study in the treatment of defective speech by the principal, Mr. Wald M. Duke. This school has made many permanent cures, and has secured recommendations and endorsements of their work from public officials, educators and professional men. The principal of the Minneapolis East High School has the following to say of Mr. Duke's treatment: "Mr. Wald M. Duke has had two of our school pupils to cure of stammering. He has done it in both cases. One of them seems little less than marvelous. Mr. Duke knows what to do, having had the advantage of the best European schools in studying this difficulty. I cordially recommend him to anyone wishing the services of a thoroughly competent gentleman—one who is successful in his chosen work."

The National Railway Training Association, of Omaha, Nebraska, and Kansas City, Missouri, was organized for the purpose of preparing young men for railway work by a course of instruction by mail. Railway employing officials are too busy to properly train applicants for positions as firemen and brakemen and this school gives them a preliminary course of training, preparing them to perform their duties in a satisfactory and economical manner. Any young man physically sound, with good sight and hearing, and from eighteen to thirty-five, is eligible to either one of these positions, and if he is willing to devote one hour a day or evening from four to six weeks in preparing himself, there is no limit to the advancement he may make, depending entirely upon himself. Nearly all high salaried railway officials, such as superintendents, general man-

agers, up to presidents of the leading railroads of the country, are men who commenced at the bottom and have worked their way up the ladder of success, step by step. In addition to these high offices, there are other positions, such as train masters, master mechanics, yard masters, division superintendents, superintendents, traveling engineers, etc., receiving from \$300 to \$500 a month, all of which have been and are being promoted from the ranks. If interested and desiring to become a railroad man, the reader should refer to the advertisement of The National Railway Training Association which appears on page 13 and send in a coupon to the nearest office named in the advertisement.

GRANULATED OR INFLAMED EYE LIDS CURED BY "OCTAMI."

Parties afflicted with sore eyes should look up the advertisement of the Idanha Company, Box 363, Kirksville, Mo. These people guarantee their Octami to give satisfaction or money refunded. See page 17 for advertisement.

A LICE, MANGE AND SCAB DESTROYER.

No doubt every reader of this paper is familiar with Kreso Dip—familiar at least with the name if not with the product. It is used in diluted form to kill lice, mange and scab. When applied to cuts, wounds, sores and ringworm it results in destroying all germ life, after which nature soon restores the normal tissue. It is harmless, inasmuch as it does not blister the skin nor remove hair, though, as said before, it will destroy germs. It is used around cattle sheds, sheep pens, horse stables, poultry and hog quarters. If placed in wallows and in bogs sleeping quarters it will possibly prevent cholera from attacking the herd by destroying germs in advance. Kreso Dip is manufactured by Parke, Davis & Company, of Detroit, Mich. They will furnish booklets about this Dip free upon application. The advertisement will be found on page 17 of this issue.

A CAN OF DIP ON TRIAL.

There are thousands of farmers in the corn belt who would eventually become constant users of a good dip if they could only be induced to give one a trial. Dipolene, manufactured by the Marshall Oil Company, of Marshalltown, Iowa, is a guaranteed product, and in order that men may give this dip a trial without cost if it fails to do the work, the company agrees to let you use it thirty days on trial, after which time if it fails to do the things claimed for it the purchase price will be refunded. Disease germs of all kinds are killed by coming in contact with a weak solution of Dipolene. There will be considerable cholera in the corn belt during the next two or three months, and we suggest that hog quarters be disinfected regularly in order to destroy germs. Dipolene will destroy them instantly. For booklet stating what Dipolene is good for application should be made to the Marshall Oil Company, Department Y, Marshalltown, Iowa. See advertisement on page 3.

HEBRON INCORPORATED COMPANY.

The Hebron Incorporated Company, located at Hebron, Neb., are building a very fine factory for the manufacturing of the celebrated Hatch All incubators and brooders. This firm is making one of the successful incubators on the market today. The name, Hatch All, is quite appropriate, as the incubator certainly returns the goods. The machine is built of select redwood and is very neat in all respects. The company will be in their new building by October 15th and work will start from that date. The Hatch All brooder is one that meets with the approval of all who see it. It is as simple a brooder as one would want, as well as being one that handles the little chicks successfully. The sanitary conditions of the brooder have made it a winner. We will give a full description of the incubator and brooder in a short time. If you are open for an incubator it might be of interest to you to write them for a catalog and other particulars. Watch our columns for their advertisements.

NOVINGER & SONS OFFER CHOICE MISSOURI LAND.

In our land and home department on page 23 will be found the advertisement of Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo. These gentlemen are advertising their own lands and are offering such farms as the Illinois or Iowa man should look after if they wish a home at a moderate price. Last week the writer, in company with Mr. S. J. Miller, of Kirksville, Mo., the gentleman who imports Percherons and French Coaches, drove over these lands and we must say that Messrs. Novinger & Sons are offering them at such prices as look good to us. It will only be a question of a few years until lands in the neighborhood of such towns as Kirksville will be off the market, as the corn belt of America is limited. Messrs. Novinger & Sons report many inquiries. Some are coming soon to see these lands and the first to pay down a part of the purchase price will be the lucky man. The descriptions in the advertisement are such that we can add nothing to them other than to say that if anything, the prices are too low, considering the way lands in the West and in Illinois and Iowa are selling.

REAL ESTATE AUCTION SALES PROVEN POPULAR.

On page 31 of this issue will be found the announcement of Mr. S. K. Noland, the live stock and real estate auctioneer, of Des Moines, Iowa. Mr. Noland states that he has sold \$3,000,000 worth of real estate at auction in the past few years, selling property of various kinds, during this time, for railroads, bankers, capitalists and others. He makes a specialty of selling farms at auction, and will be glad to furnish a partial list of those for whom he has sold property to anyone interested. He says: "Recently I handled a large sale in a prominent Illinois town for a large property owner, receiving for my day's work \$750 in commission. On the 22d of September I will conduct another sale, fully as large, in the same town, for parties who were so well pleased with my former sale that they lost no time in making a contract with me to conduct their sale also. I believe that I can furnish all the references that anyone would desire as to my capability to conduct any kind of an auction sale. Will go anywhere to conduct sales, and always make reason-

Five First-class Newspapers and Magazines for

\$1.25 a Year.

COMPRISING OUR MAGNIFICENT RED LETTER COMBINATION FOR 1906.

Delightful Reading Matter for the Farmer and his Wife, Sons and Daughters--Something Good for Every Member of the Family.

1. The Homestead, universally recognized as the foremost agricultural weekly published. Every issue worth the price of a year's subscription to the practical farmer.
2. The Chicago Weekly Inter Ocean, a large family newspaper of twelve pages, with abundance of fine literary matter, prose and poetry, reliable market reports, etc.
3. The Kansas City Weekly Star, one of the ablest general newspapers in the West.
4. The Farm Gazette, a monthly magazine of profitable agriculture, printed on fine, heavy paper, with elegant illustrations and a cover in colors.
5. The Homemaker, a delightful monthly magazine for farmers' wives, daughters and children; enlarged, improved and full of good things.

All of these valuable periodicals for the low price of \$1.25 a year, if ordered within a reasonably short time, as for sufficient reasons, we must reserve the right to withdraw this unusual offer at any time.

To secure this great bargain you must clip out the following coupon:

Date1906.

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

Name

Postoffice

Rural Route No. State

If you are already a subscriber to any of these publications, your time will be extended for one year.

able terms consistent with the quality of my work."

THE PAINT QUESTION.

As our readers will be doing considerable painting during the next few weeks, we believe that we are doing them a favor when we advise that application be made to Mr. O. L. Chase, 1 Olive St., St. Louis, Mo., for a new book on the paint question. This book contains many suggestions for those who expect to do the painting themselves, and a number of the suggestions which, if carried out, will enable the amateur to inspect the work of a professional painter with much more intelligence. Mr. Chase not only prints an excellent catalog, but he is in the paint business. He will send six gallons on trial and pays the freight in advance. If it does not come up to the guarantee in every way it will not cost you a cent. It is sold directly from the factory to the user and consequently cuts out all the profits of the middlemen. As said before, address Mr. O. L. Chase, the paint man, 1 Olive St., St. Louis, Mo. See advertisement on page 20.

A VALUABLE USE OF ASPHALT.

Asphalt is a product of the earth just the same as coal, iron, or any of the valuable minerals. It "grows" in the same way as coal, too—in veins or streaks—although an equally common way it manifests itself in lakes of the molten material. Indeed, some of the most valuable deposits in the world today are those of the lakes, whose thick, semi-liquid mass has oozed up from deep down in the earth just like a lake of water fed by springs.

The most famous lake of this character is the Trinidad Pitch Lake, on the Island of Trinidad down in the group of the West Indies.

Even in that hot country this asphalt is "not runny," but just soft enough to make anybody that stands on it keep moving. The fellow who proverbially lets the grass grow under his feet wouldn't feel very comfortable on its surface, for before he got ready to move he might find himself waist deep in the sticky mass.

It is hard enough, though, to enable workmen to dig it in the cooler hours of the day—before sunrise.

The material is carried by carts to the side of vessels where it is loaded into the hold of ships and brought to this country to be refined for commercial purposes.

About 100,000 tons of asphalt are taken out of the lake every year without making any noticeable difference in the quantity that remains. When asphalt is dug from any portion of the deposit, in the course of a few days the hole is again filled up by new material coming from subterranean asphalt springs, as inexhaustible as the water springs that form the Great Lakes of North America. Borings have been made to the depth of several hundred feet, in an unsuccessful effort to find the bottom of the lake. The constant motion of the asphalt made it impossible to go deeper.

The composition of the asphalt is of remarkable uniformity, no matter from which portion of the lake it is taken. Samples taken 135 feet deep at the center do not differ in composition from those taken from the sur-

CANCER

CURED to stay cured. My TRUE METHOD kills the deadly germ which causes Cancer. No knife! No pain! Longest established, most reliable Cancer specialist. 16 years in this location. I give a WRITTEN LEGAL GUARANTEE. My fee depends on my success. Send for free 100-p. book and positive proofs. Address,

DR. E. O. SMITH, 200 WABASH AVENUE, KANSAS CITY, MO.

face of a few feet from shore. This shows the uniformity of the entire mass.

The asphalt is in constant motion. There are on the surface of the lake a half dozen, or more, islands, from fifty to 150 feet in diameter, bearing vegetation, with trees thirty or forty feet high, and a dense undergrowth. These islands are constantly moving or floating about, imperceptibly, yet constantly changing their position. From levels which were taken in 1893 and 1894 it appears that the center of the lake is a foot higher than the edges. This is due to the exhalation of the soft asphalt near the center.

For the practical uses which are now made of this product mankind is indebted to The Barber Asphalt Paving Company more than to any body else. This company mines, refines and sells more natural asphalt than all the rest of the world put together.

One of its refineries, the largest of its kind extant, is at Maurer, N. J. Here this company makes Genasco Ready Roofing from the refined asphalt, and in doing so they put the material through a special secret process which keeps the pliable qualities of the asphalt in the roofing indefinitely, unchanged by the action of the cold of winter, or the heat of summer, or acids, alkalis, gases, or any of a roof's common enemies.

The natural asphalt is the thing that gives the roofing power to combat all these elements, but in order to make this power stay in a roof, knowledge is necessary. This knowledge was acquired by The Barber Asphalt Paving Company by the continued use and study of asphalt for twenty-five years, so that having had more to do with asphalt, and having more asphalt to do with, than anybody else, they are authority on the subject, and whatever use they make of this valuable product of the earth, it is safe to assume that it has particular merit and is worthy of attention.

Genasco Ready Roofing besides being valuable on account of its resisting and lasting qualities, is low in cost. It can be put on by anybody, and does not require a roofer or experienced man of any sort.

Anyone who has knowledge enough to do farm work has knowledge enough to lay Genasco.

VERY LOW RATES TO NEW ORLEANS, LOUISIANA.

Via the North-Western Line. Excursion tickets will be sold October 11th to 15th, inclusive, with favorable return limits, on account of K. P. Supreme Lodge. Apply to agents Chicago & North-Western Ry.



STEEL WHEELS

with wide tires double the usefulness of the farm wagon. We furnish them any size to fit any axle. Cheaper than repairing old wheels. Catalogue free.

EMPIRE MFG. CO., Box 103A, Quincy, Ill.

Echoes From a Kansas Farm

By Henry Hatch

Crab grass is getting help in its mission as a "cover crop" for the soil. It is barn grass or small fox tail.

A very few years ago there was no barn grass in this country, now it is getting thick. We made a trip through Iowa three years ago, and every pasture and meadow looked like a field of barn grass. It is not quite that bad here yet.

Our native grass has a wonderful hold on the soil. By taking all stock off a pasture that looks to be nothing but weeds, and mowing the growth for hay for two years, and you again have a thick growth of grass, and no weeds. We believe no other grass in the world will recover and take complete possession as quick as Kansas blue stem.

These times tax the patience of the man who seems determined to hold onto his cattle until he can get what might be called "a good price." We know of men who have been keeping cattle they would have sold three years ago, and they say will keep on keeping them until the price justifies selling. When will the raise come, is the question asked by all cattlemen.

Other than cattle and wheat, prices are good. With wheat selling for close to fifty cents a bushel, and cattle for only two-thirds of what they should, there can be no great prosperity for the cattle-wheat raiser. But there is this much to be said about all western farmers, very few are in shape so they have to sell.

Three years ago, if a man wanted to get the laugh on himself, all he had to do was to mention to a crowd that he was going to sow some wheat on upland. Now, if you tell the same crowd you're going to stick to corn, they will argue with you in favor of wheat. But, then, the destiny of a nation has changed in shorter time.

We no longer depend on the stalk fields for even a part of the winter's roughness for stock. Having no "champion" corn huskers on the place there is not much grain left in the fields after husking, and the danger of loss of stock and the tramping of the fields overbalances everything else. We always put up enough fodder now to carry all stock through the winter, fed in lots around the buildings.

We have found that corn fodder bound into bundles by a corn binder is not as liable to mold in a shock as that cut by hand and set up loose. There is air space between the bundles of a shock, while loose fodder almost excludes the air from the center of a good sized shock. Binding is the only way to handle any kind of fodder that can be handled with a binder.

The man who "cut and covered" when plowing, two months ago, is now wondering whether he plowed at all.

Another instalment of western horses were shipped into a nearby town, and sold to the highest bidder last Saturday. It called together a large crowd, many of them young fellows looking for something to "break." They found it. Some of the unbroken brutes, and some of them are probably unbreakable, sold for as high as \$125 to \$150, and one brought the top-notch price of \$175. We never have felt any hungry desire rising within us to own a western horse.

It certainly is unexpected the way horses hold to the present high price, and the surprising part of it all is there are any number of men who have made themselves believe that horses will never be lower in price than they are now. We do not believe we are given to looking for lower prices always ahead, but it does seem reasonable to expect cheaper horses as soon as the present large crop of colts have grown into usable horses.

Since Kansas has passed stricter hunting laws rabbits have been on the increase, and reports of their damage come from all parts of the state. Every evening, as we drive the milk cows from pasture, we see several, and occasionally kill some with a rifle. A good dog keeps them from doing much damage close around the buildings, but it is out of the question to raise a garden away

from the house, unless fenced rabbit-proof. Our only trial with soy beans was untimely ended by the rabbits. We planted four acres, and the rabbits keep the whole field pastured down to the ground. One would rarely see a rabbit in the field during the day, but they must have held carnival there at night. They would gather for the feast just at sun down.

Some say to cut fodder as you would hay, before it is drying a great deal; others advise waiting until a great part of the leaves are brown, and one man says if some of the leaves have blown off it suits him all the better. We know this much; fodder can be cut too green in this climate. We cut some too green last year, and it moulded in the shock. This refers to Indian corn.

The practice of a good many who use road graders is to roll all the weeds and grass into the middle of the road with the dirt, but a neighbor who has lately been doing some grading has shown some sense about such work. He first mows the roadway, and when the weeds and grass are dry, burns them. This gives a clean place to work, and it takes less power to move the same amount of dirt. Dead weeds are not needed in a grade, either.

AN EVENING SPOILED.

Gertrude Atherton, the novelist, was condemning the Mormons and their ways.

"Imagine," she said, "a Mormon wife and husband, on a cool autumnal evening, sitting by their cozy grate, she with her knitting, he with a book or a newspaper. The wife looks up affectionately every little while, thinking that she is lucky to have secured such a considerate, home-loving chap for a mate, when suddenly the man rises and takes his hat and gloves.

"Where are you going, dear?" the wife asks gently.

"To see young Miss Smith," the husband replies. "I have an appointment with her. She is to give me her answer tonight."

TENNYSON'S MANY LOVES.

In discussing little oddities and peculiarities in connection with the works of various writers, and more especially poets, an official of the Congressional library recently said:

"I was talking with a publisher not long ago about a new edition of Tennyson's poems which he proposes to bring out. He showed me a sample of the type which he intended to have cast for the edition, and I asked: 'Have you given an order for an additional lot of i's and v's?'"

"Why, no; why should I?" he asked. "Because you will have to have them," I told him. "The word 'love' occurs so many times in Tennyson's poems that the usual percentage of i's and v's is far short of the number required."

THE MARKETS.

Clay, Robinson & Company, under date of Sept. 14th, send in the following summary: Monday of this week we had a strong active market for beef cattle at prices generally 10c to 15c higher. Our sales included a two-load drove of branded western bred white-faces fed by Fred V. Stowe, of Grimes, Iowa, at \$6.75, which was the extreme top of the market for the entire week and also the highest price of the season for branded westerns. These cattle were bought for Mr. Stowe as feeders by our South Omaha house last October at a cost of \$4.10. Monday's advance, however, was all wiped out on Wednesday, so that present prices stand just about the same as a week ago. It takes a choice to extra prime class of beefs to bring \$6.25 to \$6.75; good to choice steers are quotable at \$5.60 to \$6.25, medium to good at \$4.90 to \$5.60 and common to fair at \$4.15 to \$4.90.

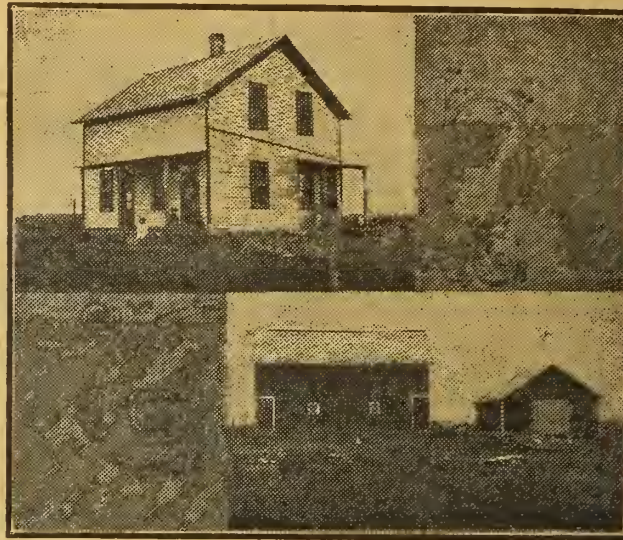
We had had liberal receipts of butcher stock this week and all grades of native cows and heifers have been very slow sale excepting the real choice ones, which are about steady. All other grades may be quoted 10c to 15c lower. There has been a strong inquiry for yearling heifers both medium and choice grades, and a good shipping demand for good fleshy grass heifers, which have been selling around \$3.50. This class has been selling steady compared with a week ago. Cannors and cutters have been very dull sale at the decline. Bulls show very slight change in prices from last week. Veal calves are 25c to 50c per hundred weight lower.

Receipts have been sufficiently liberal in the stocker and feeder division this week to supply all the demands for both stockers and feeders except for the choice and fancy selected grades of all weights. All other grades sold strong Monday and Tuesday, while Wednesday the trade was slow and the last day's of the week show a decline equal to the lowest days this season with one exception. Stocker and killing heifers sold about steady. Quotations on feeding bulls are unchanged. Not enough spring calves to supply the demand.

Receipts of hogs have been just about the

LANDS AND HOMES FOR SALE

A Missouri Farm Bargain.



300 Acres in Mercer County, Missouri

THIS FARM is located only four miles from a good railroad town and about ten miles from the county seat. It is well improved with a good house, barn 30x50 and other buildings; a fine well and windmill. There is also a good bearing orchard and the place is well fenced and cross fenced.

The land is rolling enough for good drainage and the soil is rich and productive. It is the very best corn land, producing from fifty to seventy-five bushels to the acre. Two hundred acres are in cultivation, the balance in good tame meadow and blue grass pasture. There is some timber, sufficient for fuel and posts.

Mercer county is one of the best farming counties in Missouri and this farm is in the best part of the county. The owner will sell right, on favorable terms, or might consider a smaller farm, live stock or other property in part payment.

Send for our new illustrated catalog of improved farms. It is the most attractive list we have ever issued and offers many unusual bargains. The descriptions are complete and the illustrations are from actual photographs of improvements on the farms described. It is printed in handy folder form on good paper and contains a large map of Iowa.

We have a few good farms to exchange for city property, merchandise, etc.

NORTHERN IOWA LAND COMPANY,
INDEPENDENCE, - - IOWA.

same as last week, but prices are 5c to 10c higher. Extreme top today was \$6.65, bulk of the good hogs selling at \$6.50 to \$6.60. A week ago today top stood at \$6.62½, which price was obtained by us for eighty head of Tamworths, averaging 187 pounds, sent in by Ex-Governor Packard, of Marshalltown, Iowa, and was 5c above any other sales for the day.

With liberal receipts of sheep this week the market has declined 10c to 15c on practically all classes and in some cases the loss has been more. Extreme top for western lambs has reached \$8.00, which price we obtained on Tuesday for 572 head averaging sixty-eight pounds, shipped by Noble & Bragg, Nowood, Wyo. This is the highest price ever paid for Wyoming lambs at Chicago. There are not many good native lambs coming, but choice fat natives are quotable at \$7.75 to \$8.00, fair to good at \$7.00 to \$7.50, common to fair at \$6.00 to \$7.00. Good to extra choice wethers are selling at \$5.35, to \$5.65, fair to good at \$5.25 to \$5.35, good to choice fat ewes at \$5.35, to \$5.50, good to choice feeding lambs at \$6.75 to \$7.00.

MOVED TO CHICAGO.

The Jones National School of Auctioneering and Oratory, 231 Ashland Boulevard, Chicago, Ill., Carey M. Jones, president, have sent out the following announcement: "The superior advantages which are afforded by the city of Chicago as a location have induced us to move there in order to give our students all the advantages and opportunities which arise from such a location. It has been our endeavor in the past to offer every advantage to students attending the school, regardless of what the expense might be, and we feel that by having the school located in Chicago, and close to the Union Stock Yards, the greatest live stock market in the world, we will be better enabled to give each and every student a better education than could be afforded in any other city in the United States. The live stock supremacy of Chicago is established. It is preeminently the live stock market of the world, and has no serious rivals either in magnitude or volume of business transacted. Chicago's influence is national. At the present time there are 300,000 cattle, 600,000 hogs, 400,000 sheep and 8,000 horses sold at the Union Stock Yards every month. Auction sales are held daily at the stock yards, sales of fancy cattle of all descriptions, and there are scores of real estate, jewelry and merchandise auctions of all kinds conducted in Chicago from day to day, and the advantage of being able to attend these sales while taking a course at the school cannot be too highly estimated, and it would be hard to find a better location anywhere for a school of auctioneering. All roads lead to Chicago, and it is aptly said Chicago feeds the world. All the great east and west transportation lines have their terminals in Chicago, so have also the southern railways and lake transportation lines. Each term of school will hereafter consist of six weeks, instead of four, and although the term is lengthened, the tuition remains at \$100 for the entire course, including all branches of auctioneer-

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. **BOX 151, INDEPENDENCE, IOWA**

A NEIGHBOR, living near the half-section of land we are offering for sale, just thrashed a field of oats at .95 bu. per acre. Our land is equally as good. \$31.50 per acre will buy it, and \$5,500 handle it. **Paul S. Stearns, Westhope, North Dakota.**

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livey barns, stocks hardware, groceries, dry goods, general merchandise, stables, registered cattle. Can get good trade. **Northern Iowa Land Co., Independence, Ia.**

NEW YORK and Vermont farms, \$20 to \$25 per acre. Good buildings, good markets, near schools and churches. **J. D. Shahan, Port Henry, New York.**

WILL exchange quarter section of land in Saginaw Co., N. Dak., for good registered cattle. Address, **T. E. Lawrence, Portsmouth, Iowa.**

FOR choice bargains in farm lands in central Neb., the great alfalfa and corn country. Address, **P. H. Marley, Mason City, Nebraska.**

ing, oratory and business. This includes all books and stationery, but not board and room. The next term opens Nov. 19, 1906, and further information will be given you shortly regarding arrangements that can be made for room and board, etc., and we will take pleasure in keeping you posted as to the progress of the school." See advertisement on page 31.

VERY LOW RATES TO REUNION OF THE SOCIETY OF THE ARMY OF THE CUMBERLAND AT CHATTANOOGA TENN.,

Via the North-Western Line. Excursion tickets will be sold October 14th to 16th, inclusive, with favorable return limits. Apply to agents Chicago & North-Western R'y.

VERY LOW EXCURSION RATES TO DENVER, COLORADO SPRINGS AND PUEBLO,

Via the North-Western Line, will be in effect from all stations, October 13th to 16th, inclusive, with favorable return limits, on account of American Mining Congress. For full information apply to agents Chicago & North-Western R'y.

EXCURSION TICKETS TO COUNTY FAIR AT OGDEN, IOWA,

Via the North-Western Line, will be sold at reduced rates on Sept. 24th to 28th, inclusive, limited to return until Sept. 29th, inclusive. Apply to agents Chicago & North-Western R'y.

....LANDS AND HOMES FOR SALE....

Missouri Farms

I have a large list of farms for sale in Vernon, Bates and adjoining counties at \$30 to \$50 per acre; nice lying country; just as good as Iowa or Illinois; good climate; good water. Am a farmer, born in Fulton County, Illinois, and lived 38 years near Prairie City, Iowa. Come to my house and I will show you my list of bargains free, and will sell you land at owners' prices. Can show you as big corn all over this country as you ever saw grown in Illinois or Iowa. Can show you more hay in a half day's drive from Statesbury than you ever saw before in the same territory. Lots of fruit of all kinds. Think of it; only 80 or 90 miles from Kansas City. If you don't receive prompt replies send registered letter at my expense. For price lists, maps and particulars, write,

A. F. Wilson, Statesbury, Mo.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 669 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, eastern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

HOMES AND FORTUNES

are both to be had in the fertile Panhandle of Texas. There is no better climate or soil to be found on the face of the earth than that of the Panhandle. You can raise just as large crops on its fertile acres as you can in Iowa or Illinois, and you can get better prices for them. There is no better place to live—water is good and plentiful, winters are mild, and everything works to the success of the farmer and stock raiser.

A few years ago land in your locality was selling at half, or less than half, what it is bringing today, and many people you know have made fortunes by their investments in lands. Those same opportunities are now to be had in the Panhandle of Northern Texas. If you buy here at once for investment you are sure of doubling your money in the next two or three years, for the immigration coming here now is bound to bring prices to much higher levels.

Satisfy yourself that the panhandle is the garden spot of the earth by seeing it, but first write for our literature which tells you how to see it to the best advantage and at the least possible expense. We don't want you to buy our land until you are satisfied, because a well-satisfied customer is the best advertisement we have. We can offer you your choice from 100,000 acres in the very Garden Spot of the Panhandle at attractive prices and terms. Write for pamphlet to

THE NORTH TEXAS LAND COMPANY, 100 Market St., Texline, Texas

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED. I have a large list of properties and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF, THE LAND MAN, 415 KANSAS AVENUE, TOPEKA, KANSAS.

COME WHERE CROPS NEVER FAIL.

FREE information about irrigated land in the Gridley Colonies, Butte Co., California. No crop failures on irrigated land. Five to six crops alfalfa every season. Dairying and stock raising highly profitable. Peaches, grapes, figs and English walnuts give big profits. Abundant water for irrigation at low rates. A fertile and prosperous section, with good schools, churches and good roads. Two railroads. Good market. One hundred families have settled at Gridley the last year. Many more coming. Write for free printed matter. Chas. F. O'Brien, Gen'l Mgr., 1109 Post St., San Francisco, Cal.

FARM FOR SALE

A SPLENDID INVESTMENT. 282 ACRES, half mile north of court house, Marshfield, Webster Co., Mo.; three-fourths mile to depot. Express office and fine graded school, seven teachers. One of the best improved and productive farms in the county. Fine for dairy, blooded stock, grass, grain and fruits. Abundance of never-failing, pure spring water. Good buildings. Great bargain at \$38 an acre. Reason: old age. For particulars, address owner, Matthew Long, Marshfield, Webster Co., Mo.

THE CHEAPEST LANDS

IN the U. S. today, when quality, climate, diversity of crops, largest returns for labor and natural advantages are considered, are in western Kansas, southeastern Colorado and the Panhandle of Texas. Arrange to go with us on our next excursion. Excursions every 1st and 3d Tuesdays of each month. Write us for description of country, products, advantages and prices. All questions promptly and cheerfully answered.

U. S. IMMIGRATION CO., 305 JUNCTION BLDG., KANSAS CITY, MO.

160-ACRE FARM

IN Greene county, Iowa, located in rich, thrifty German and American settlement; 115 acres in corn, balance pasture and meadow; 7-room house, barn, orchard and grove to the west and north of buildings. The very best of soil. Price, \$65 per acre.

S. K. NOLAN,

Cor. Fifth and Mulberry Sts., Des Moines, Ia.

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.

BOX 81, INDEPENDENCE, IOWA

ARE COMING WESTWARD?

BUY a home in central and northern Kansas, in the corn, wheat, alfalfa and hog belt. We have the best of soil and an ideal climate. For full description and particulars, address

Griffin's Real Est. Agency, Smith Center, Kan.

TWO CHOICE KANSAS FARMS

320 ACRES \$45, near town. 160 acres, good buildings, well improved, near town. Immediate possession, easy terms.

W. E. Francis, Newton, Kan.

HORSE RANCH, with meadow and range for 500 head, will be exchanged for half interest in live stock company that will stock the ranch with 100 good horses. No expense for feed or management for two years. Leubli Land Co., Salmon, Idaho.

D. C. BENEDICT, CULBERTSON, NEB.

HOMESSEKERS' EXCURSION

TO Jasper county, southwest Missouri, every two weeks. Write for our free list of lands for sale.

M. F. Davison Realty Co., Carthage, Mo.



Bring This Advertisement

WITH you when you come to the Panhandle of Tex. We have our own lands, and will sell at \$10 per A. Wheat is averaging 20 bushels per acre. Other grains in proportion. The last prairie lands to be had cheap. Address,

H. S. Grouse & Co., 213-14 N. Y. Life Bldg., Kansas City, Mo., or Hereford, Texas, Ritchey Hotel.

FARMS IN Eastern Central Kansas, FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa, apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices.

JAMES SHEERAN, Dickinson Co., Solomon, Kan.

IOWA FARMS

FOR SALE AND FOR RENT.

WE have over 100 of the choicest Iowa farms for sale from \$55.00 to \$90.00 per acre. We have five or six large farms to rent. Write us for catalog and map of Iowa. It is free.

THE ALLEN LAND & LOAN CO., LAURENS, IA.

THOUSANDS WANT REAL-ESTATE.

Somebody wants your property and I know who it is. I have hundreds of buyers, and keep in touch with them through fifteen hundred agents. The man who will buy your place is on my list—do you want to meet him? If you do, send your name, and description and price of your property quick. Address

A. EDGAR DAVIS,

Room 412 Braco Bldg., Lincoln, Neb.

FARMS FOR SALE.

160 ACRES in Anderson Co., Kansas; good buildings; R.F.D. and phone; 2 mi. from gas and oil wells; every foot tillable; corn this year good for 60 bu. an acre; a snap at \$37.50 per acre. 160 Acres 6 mi. from Heron Lake, Minn.; fine level farm land, all tillable. Price, \$35 per acre. Write today.

WESTERN FARM LAND & REALTY CO., 908 N. Y. Life Bldg., KANSAS CITY, MO.

WILD LANDS, \$8 to \$16 per acre. Improved, proved farms, \$20 per acre and up. Fine soil, good climate, good market, plenty of timber. Land all lies from two to six miles from the city of Cumberland. 75 miles from St. Paul. Agents wanted. For particulars address, Farmers Land Agency, Cumberland, Wis.

Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map.

Northern Iowa Land Co., Independence, Ia.

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

When writing please mention this paper.

William Lampmann, Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send to me, free of charge, full information about

IDAHO IRRIGATED LAND.

Yours truly,

(Name)..... (State).....
(Town)..... (Box).....
(R. F. D.).....

CASH For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer, 415 KANSAS AVENUE, TOPEKA, KAN.

GOOD LANDS

IN Great Platte Valley, Lincoln county, Nebraska. Nice smooth table land of best quality within 5 miles of R. it, town, unimproved, for \$7.50 per acre. Improved farms same locality, \$10 to \$15 per acre. Improved stock ranches, \$8 to \$17.50 per acre. Wild grazing lands from \$2.25 to \$5 per acre. Address

Buchanan & Patterson, Land and Im. Ags. U.P.R.R. North Platte, Nebraska.

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address,

HAMILTON BROS., WINTERSSET, IOWA

IOWA FARMS

LARGEST list of Iowa Farms for sale in South Central Iowa, in the Famous Corn Belt and Blue Grass Region. Crop failure unknown. Plenty of fruit and abundance of water. Write for large 1906 descriptive list. Address,

J. G. SHRIVER, Winterset, Iowa.

YOU HAVE NEVER SEEN IT

BUT you should, this 631 acre farm, all fenced and cross fenced, never failing water, 200 acres under cultivation, some alfalfa and other tame grasses, good orchard bearing, balance pasture and mow land. House of 7 rooms, barn, cribs, feed yards, etc. Only 2 1/2 miles from good shipping and trading point, 20 miles from Emporia. Price only \$45 per acre. Good terms can be given. Write for booklet on Lyon Co., Kan. I. N. WELLS & SON, EMPORIA, KAN.

SUNNY COLORADO FREE

BOOKLET about Colorado and other WESTERN STATES, has just been issued, setting forth the advantages and profits of investing in irrigated and non-irrigated lands. Beginning with the question, "Do you want a change?" it leads the reader on through a description of the climate, the farming system, fruit and vegetable crops. If interested, write for free booklet. The W. E. Moseley Co., 718 17th Street, Denver, Colorado.

NINETY MILLION BUSHELS!



—That's the WHEAT CROP in Western Canada this Year.

This, with nearly 80,000,000 bushels of oats and 17,000,000

bushels of barley, means a continuation of Good Times for the Farmers of Western Canada.

Free Farms, Big Crops, Low Taxes, Healthy Climate, Good Churches and Schools, Splendid Railway Service.

The Canadian Government offers 160 acres of land free to every settler willing and able to comply with the Homestead Regulations.

Advice and information may be obtained free from W. D. SCOTT, Sup't of Immigration, Ottawa, Can., or from

W. V. BENNETT, 801 N. Y. L. Bldg., OMAHA, NEB.

E. T. HOLMES, 316 Jackson St., ST. PAUL, MINN.

Mention this paper.

LAND. LAND. LAND.

A FINE Buffalo County farm of 120 acres for sale, on account of owner wishing to engage in other business. This is one of the finest farms in the state. All A No. 1 farm, wheat and alfalfa land. There are over \$10,000 worth of improvements upon this land; 500 acres under cultivation, 40 acres in alfalfa, balance in pasture and wild grass meadow, located 1 mile from school, in one of the best neighborhoods in the county, 12 miles from Kearney, 6 miles from two stations. This land will pay 25 percent on the investment. Will sell \$60 per acre in cash. purchaser does not want the entire tract. Price, \$60 per acre, good terms. Also nice little home of 20 acres, good improvements, located only 3 miles from Kearney; the best truck and garden land in the world. Price, \$2,000. For above land address owner, W. H. GRASSMEYER, RIVERDALE, NEB.

IOWA FARM

240 ACRES, good 2nd dwelling, 2 barns, Land lies well, but part some rolling; abundance water piped from spring to large tank; has apples, peaches, cherries, grapes, small fruit; about 7 miles to town; fine roads; all could be used for corn. Easy terms; this is a snap. Write us, or better come and see this before it is sold.

BOSSERMAN BROS., MURRAY, IOWA.

DON'T GO WRONG

and its crops, before you decide—then you'll buy here. Write to

E. E. McCALL, WINTERSSET, IOWA.

TEXAS FARMS

In tracks of 40 to 500,000 acres \$3 to \$20 PER ACRE

Come to Texas, the land of opportunities—Now is the time to buy. Write for list of bargains and booklets, FREE—

TEXAS LAND DEVELOPMENT CO. DEPT. 26 DALLAS, TEX.

FARMS FOR RENT.

610 acres Wilkin Co., Minn., level land; good improvements. 468 acres Dunn Co., Wis.; two sets improvements. 800 acres Keith Co., Neb.; fair small improvements. 710 acres Chautauque Co., Kan.; one-half pig land, 20 acres orchard; good improvements. All for grain or cash rent. Write for our list of farms for rent.

NORTHERN IOWA LAND CO., INDEPENDENCE, IOWA.

OUR NEW MAP OF TEXAS

SENT free for the asking, shows the location of Houston County, where we have fine fruit and tobacco lands, and some timber, which we can sell now at \$8, \$10, \$15 and upward per acre. Send for our descriptive circular. Address, Geo. H. Headford, 277 Dearborn St., Chicago, Ill.

TEXAS! TEXAS!

JOIN our excursions to the Panhandle to show you the finest prairie lands you ever saw. Agents wanted.

WESTERN FARM LAND & REALTY CO., 908 N. Y. Life Bldg., Kansas City, Mo.

UP-TO-DATE CATTLE RANCH.

RANCH, fine wells, 2,000 graded Hereford cattle, 30 saddle horses; new buildings; everything in fine condition. \$35,000.00; half cash, balance to suit the purchaser.

W. E. FRANCIS, NEWTON, KANSAS.

Central Missouri Farms

IN Callaway county. Best values in state found in my catalog. It is free, write for it. Address,

W. Ed. Jameson, Fulton, Mo.

FARMS, STOCK RANCHES, CITY PROPERTY

BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank.

Hartford Land Co., Hartford, Kansas.

FARMS In western Kansas at owners' prices.

Dodge City Realty Co., Dodge City, Kan.

FOR sale, S. E. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$18 per acre, reasonable terms. Frank Pearce, Fredericktown, Mo.

FARM for sale, adjoining Bloomfield, Iowa. Nine-tine acres improved. Terms to suit buyer. L. H. Bates, R. F. D. 3, Bloomfield, Iowa.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Sept. 25, E. C. Norris, Dows, Iowa.
 Sept. 25, Ford Sken, South Auburn, Neb.
 Sept. 25, A. L. Mossman, Radcliffe, Iowa.
 Sept. 26, Peek & Putnam and Lamb Bros., Tecumseh, Neb.
 Sept. 26, W. A. Craver & Son, Fillmore, Ind.
 Sept. 27, John Schowalter, Cook, Neb.
 Sept. 27, Hatcher-Pfander-McClelland Sale, Clarinda, Iowa, W. W. McClelland, Mgr.
 Sept. 28, Geo. F. Dorsch, Cook, Neb.
 Oct. 2, John Weigton, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, E. Z. Russell, Blair, Neb.
 Oct. 8, J. C. Danner, Yale, Iowa.
 Oct. 8, R. E. Williams, Oakland, Iowa.
 Oct. 9, August Voge, Portsmouth, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, O. E. Mickey at Osceola, Neb.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, L. W. Cross & Son, Mason City, Ill.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, Z. T. Groat, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelby, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, H. E. Watson, Edinburg, Ind.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Weber, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Alldritt, Friend, Neb.
 Oct. 23, A. A. & W. G. Karschner, Wilcox, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Marrs, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Baltas & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Krachel & Son, Maton, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weigton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Weber, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Edmonds, Shad & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Krachel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Oden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Alsing, Boone, Iowa.
 Feb. 12, H. Higgin & C. T. Roberts, Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 16, H. A. Sberwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Feb. 27, John H. Tryon & Sons, Lyons, Neb.
 Feb. 28, W. J. Stone, Lyons, Neb.
 Feb. 28, Albert McMahon, Craig, Neb.
 THE ONLY WAY DUCRO CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 SHORT-HORNS.
 Sept. 27, State Center Short-born Breeders' Ass'n, E. A. Fricke, Mgr., at State Center, Iowa.
 Sept. 27, Peterson Bros., Lamoni, Iowa, at Lamoni, Iowa.
 Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, John Hughes, Belle Plaine, Iowa.
 Oct. 6, A. M. James, Lafayette, Ill.
 Oct. 8, Geo. A. Hans, Newton, Iowa.
 Oct. 9, Ira Cotingham, Eden, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Grabam, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Laramore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, at Raleigh, Ia.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 18, W. I. Wood, Washington C. H., O.
 Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 23, T. A. Davenport, Belmond, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, T. A. Baldwin, Emmetsburg, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 1, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 12, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 POLAND CHINAS.
 Sept. 22, Dr. Pritchard, Wisner, Neb.
 Sept. 25, W. T. Garrett & Son, Maryville, Mo.
 Sept. 26, J. W. Pfander & Sons, Gravity, Ia.
 Sept. 27, Ed Holmes, Bedford, Iowa.
 Sept. 27, Jas. B. Turbett, Hanna City, Ill.
 Sept. 28, E. E. Leighton, New Market, Iowa.
 Sept. 29, Fred Rood, Clearfield, Iowa, and H. Fesenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cotingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, F. J. Green, Early, Iowa, and Ben Broughton, Lake View, Iowa, sale at Lake View.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 18, O. R. Phelps, Taintor, Iowa.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, G. H. & J. L. Mahr, Corning, Iowa.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meese & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Nov. 15, A. L. Meith, Cairo, Neb.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 ABERDEEN ANGUS.
 Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 5, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 19, M. D. & C. G. Korns and Wm. Dixon, Hartwick; U. S. Grant, Brooklyn; A. H. Kimball, Ladora, and H. H. Reed, Marango, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Oct. 25, McElhinny & Cubit, S. E. Edgar, and others at Morning Sun, Iowa. W. K. Henss, Manager, Wayland, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 May 23, C. J. Martin, Churdan, Iowa.
 HEREFORDS AND SHORT-HORNS.
 Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reese, Prescott, Iowa.

Dates Claimed for Live Stock Sales.

SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.
 Nov. 27-28, South St. Paul, Minn., D. R. Mills, Mgr.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.
 HEREFORDS.
 Sept. 28, Dispersion Sale, W. A. Merryman, Laredo, Mo.
 Oct. 3, W. E. Hemenway & Son, Morris Cook and J. M. Grimes, Steward, Ill.
 Oct. 17, 18, 19, Frank Rockefeller, at Kansas City, Mo.
 Oct. 30, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 11-12, Armour-Funkbouser, Kansas City, Mo.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 THOROUGHbred HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
 GALLOWAYS.
 Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
 SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Fauccett, Mo.
 Nov. 21, Saddler Bros., Hastings, Neb.
 POLLED DURHAMS.
 Oct. 5, Combination Sale, L. G. Shaver, Kalona, Iowa, Mgr., at Omaha, Neb.
 SHROPSHIRE SHEEP.
 Oct. 4, G. M. Fisher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
 HOLSTEIN-FRIESIANS.
 Feb. 14, H. C. Glissman, South Omaha, Neb.
 SHORT-HORNS AND DUCRO JERSEYS.
 Oct. 27, A. P. Alsing, Boone, Iowa.
 Feb. 25, W. C. Cameron, Herman, Neb.
 SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
 PERCHERONS AND SHORT-HORNS.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 PERCHERONS.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 CHESTER WHITE AND DUCRO JERSEY HOGS AND SHROPSHIRE SHEEP.
 Oct. 11, Combination sale, J. S. Kennedy, Mgr., Blockton, Iowa.
 O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.
 POLAND CHINAS AND HEREFORDS.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 POLAND CHINAS, DUCRO JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northwest Breeding Company, Emmetsburg, Iowa.
 CHESTER WHITES.
 Sept. 26, W. C. Smith, Melbourne, Iowa.
 FIELD NOTES.
 Mr. Geo. H. Lawsbe, of Harlan, Iowa, offers Chester White boars for sale.
 Mr. Albert Bell, of Lake City, Iowa, offers some good Duroc Jersey boars for sale.
 Proud Advance boars are offered for sale by Mr. Grant White, of Afton, Iowa.
 Ohio Chief boar pigs are offered for sale by Mr. W. D. Pittman, of Lake City, Iowa.
 Tamworth boars are offered for sale by Messrs. Norrish & Bevington, of Kingsley, Iowa.
 Messrs. J. W. Knowles & Son, of Craig, Neb., are offering choice Poland China boars for sale.
 Write Mr. Henry Dorr, of Remsen, Iowa, if you want a toppy Poland China boar at a living price.
 Some good Duroc Jersey boars are offered for sale by Messrs. J. W. Reynolds & Son, of Defiance, Iowa.
 Messrs. A. A. and W. G. Karschner, of Wilcox, Neb., will hold a public sale of Duroc swine, October 23d.
 Messrs. Stow & Gingrich, of Hamburg, Iowa, are offering a splendid bunch of Duroc Jersey boars for sale.
 Good Ohio Sunshine Poland China boars are offered for sale by Messrs. Wm. Ube & Sons, of South Omaha, Neb.
 Three strong and very growthy fall Poland China boars are for sale by Mr. W. W. Wheeler, of Harlan, Iowa.
 A few good Oxford Down rams are offered for sale by Mr. S. S. Stolt, of Kiron, Iowa. Also a few good Duroc Jersey boars.
 A good bunch of Hereford bulls and a few good cows and heifers are offered for sale by Mr. W. L. Dodge, of Hubbard, Neb.
 Two cracking fall Duroc Jersey boars, good enough to head herds, are offered for sale by Mr. W. W. Wheeler, of Harlan, Iowa.
 Thirty good Poland China boars, nice, stretchy fellows, are offered for sale by Messrs. Reubel Bros., of Rockwell City, Iowa.
 Mr. A. C. Lanham, Battle Creek, Iowa, won second on his yearling boar, L's Sunshine 37308 at Sioux City last week, and he now offers thirty choice boar pigs for sale, mostly all sired by him. He sold the highest-

priced pig at the same show last week, so you know be bas some good ones.

The advertisement of Mr. E. R. Smith, of San Francisco, Cal., on page 31 will be of interest to Scandinavian girl readers.

Messrs. J. & I. D. Godden, of Bradgate, Iowa, name November 14th as a date for holding a public sale of Short-born cattle.

October 20th is the date named for a Poland China bog sale to be held at Corning, Iowa, the property of Messrs. G. H. & J. L. Mabre. Mr. S. S. Stolt, of Kiron, Iowa, offers to sell a few good Oxford Down rams, and he will also price a few good Duroc Jersey boars.

Some good Oxford Down rams are offered for sale by Mr. S. S. Stolt, of Kiron, Iowa. He also has a few good Duroc Jersey boars for sale.

Mr. H. S. Allen, of Russell, Iowa, owns the sweepstakes boar at the Iowa State Fair, and Duroc Jersey breeders who want the tops should write him at once.

Good Poland China boars of the very best blood are offered for sale by Messrs. Wm. Ray & Son, of Defiance, Iowa. Read their advertisement on page 34 and write them.

Announcement is made in our Date Claim columns this week that Messrs. J. R. Mills & Son, of Perry, Iowa, will hold a public sale of Percheron horses and Short-horn cattle on December 19th.

Mr. H. C. Glissman, of South Omaha, Neb., will make a public sale of Holstein-Friesian cattle at that place on February 12th. As he has one of the very best herds in the West, it may be expected to be a good one.

Mr. Chas. Van Patten, of Sutton, Neb., has some choice spring pigs that will be worth your time to look at. He has a few fall animals sired by Red Reuben. Mr. Van Patten will sell these at prices suitable to purchaser.

Duroc Jersey breeders can now buy spring boars and gilts, sired by Tom Davis, the second-prize boar at Des Moines, of Mr. W. J. Prather, of Russell, Iowa. Now is the time, boys, to get the pick of his herd and get them right.

Mr. U. G. Davidson, of Manson, Iowa, has some good spring boars and gilts for sale sired by Crimson Wonder I Am, the sire of the sweepstakes boar at the Iowa State Fair. You can't see Mr. Davidson too soon if you want this breeding.

A number of thick, growthy, Angus bulls, that are just right for service, may be had by writing to Messrs. Rosenfield & Siverley, of Kelley, Iowa. This firm is located a short distance from the Iowa Agricultural College, and visitors are always welcome.

Mr. W. C. Smith, of Melbourne, Iowa, announces a sale of Chester White swine in his advertisement on page 31 of this issue of The Homestead. The sale will take place on September 26th and therefore those of our readers interested should send at once for catalog.

Mr. J. M. Mayor, of Defiance, Iowa, purchased the Poland China boar pig, Keep On Jr., of Mr. A. C. Lanham, of Battle Creek, Iowa. This pig won third in a class of twenty-nine at Sioux City last week. His sire is owned by Mr. W. N. Booth, of Danbury, Iowa, and his dam by Mr. Lanham. He is a good pig and he goes to the head of Mr. Mayor's herd.

Messrs. L. W. Cross & Son, of Mason City, Ill., well-known breeders of Duroc Jerseys, have decided to hold a public sale on October 17th. Fifty head have been included in the offering, consisting of yearling fall and spring sows and a number of extra good spring boars. Watch these columns for further particulars and write for catalog, kindly mentioning The Homestead.

Mr. V. A. Lathrop, of Marion, Iowa, in starting his advertisement on page 31 of this issue of The Homestead, writes: "I have good March pigs of both sexes large enough for service at prices lower than when pork was worth only half as much as it is now. My stock is very growthy and thrifty and there is no disease in this part of the country. Descriptions and prices will be given upon application."

Chester White fanciers can find good individuals at the proper prices by writing to Messrs. E. L. Nagle & Son, of Deep River, Iowa. The herd boar weighs 900 pounds in breeding condition, and moves as easily as a pig only a year old. A nice lot of spring pigs to select from, over 100 head. Better write today, as Messrs. Nagle & Sons are selling them rapidly. See advertisement on page 34.

Mr. F. E. Garrett, of Lohrville, Iowa, offers some good Duroc Jersey boars for sale sired by Proud Advance and Orion, and he will offer for sale a half interest in I Am a Wonder, a litter brother to the sweepstakes boar at the Iowa State Fair this year. He is a son of Crimson Wonder I Am, the sweepstakes boar last year at the same show. Here is a good chance for some wide-awake breeder to get an interest in a well-bred boar and a good individual.

A Duroc Jersey sale which should interest western breeders is that of Mr. H. E. Watson, of Edinburg, Ind., to be held on Saturday, October 20th. Mr. Watson has one of the best herds in Indiana and has at the head of his herd Great High Chief, a World's Fair boar and a son of Ohio Chief. Twenty yearling sows and boars, the get of this noted boar, are included in the offering. Further particulars will appear in these columns, but if breeders wish to add new blood to their herds they should write Mr. Watson at once for catalog, kindly mentioning The Homestead.

Mr. Carl Hansen, of Herman, Neb., one of the best of the younger Duroc Jersey breeders in the West, starts his advertisement with this issue. He writes: "I have about thirty-five male pigs for the season's trade. We do not claim to have anything in the line of world beaters, but take the bunch as a whole and we will make most any of the herds go some to beat us. The pig crop is sired by such boars as Bar-None 30241, Bar-None 2d 4131, Grant Hero 40413, Critic's Echo 43005. My sows represent such breeding as Gold Dust Jim, Surprise, Surprise I Am, Young Grant, Monitor, Gold Dust Jim II, Glendale Chief, and others. Here is also a fall boar sired by Bar-None, dam Hansen's Beauty by Surprise I Am, while this hog has hardly got the size I like to see, he has plenty of quality and

should be good enough for anybody. My gilts are all reserved for my bred sow sale February 15th."

Chester White boars, and good ones, from the best of prize-winning stock, are offered for sale by Mr. J. L. Barbor, of Harlan, Iowa.

Mr. Austin Renshaw, of Blair, Neb., offers spring boars for sale by Junior Jim, the second-prize aged Duroc Jersey boar at Des Moines.

Mr. Geo. A. Hans, of Newton, Iowa, announces a public sale of cattle, October 8th, at the Plainview Stock Farm. He reports his cattle doing fine.

The Roycroft Farm, of Des Moines, Iowa, name the price on Duroc Jersey boars in their advertisement that appears on page 35 of this issue of The Homestead.

Two hundred top Duroc Jersey spring boars and gilts are offered for sale by Mr. W. J. Wendt, of Marcus, Iowa, and the price is certainly right. They are the very best of breeding.

If you want the blood of Crimmon Wonder write Mr. H. L. Cantine, of Quimby, Iowa. He has more of this blood than any other breeder, as he owned the sire, Tolstoy. He can fit you out with a herd header if you are looking for one.

Mr. A. T. Sundell, Paton, Iowa, is making prices on eight fall boars, sired by Lord Roberts 17329. They ought to go rapidly, as prices are reasonable. Send in your order for spring pigs, sired by King West 26163. They are good ones. See card on page 36.

The Armour-Funkhouser sale of imported and home-bred Hereford cattle will take place at the Kansas City Stock Yards sale pavilion, Kansas City, Mo., December 11th and 12th, at which time they expect to make as strong an offering of well-bred cattle as in the past.

Geo. Kerr, of Sabetha, Kan., has about 200 head of spring pigs. His crop of youngsters are good and with the blood lines should be easy sellers. He will use a son of Ohio Chief in his herd this fall, also a Crimmon Wonder boar. You can't go wrong on buying here. Try him once.

Mr. C. C. Keil, the live stock auctioneer, of Ladora, Iowa, has had fifteen years' experience in that business and has a thorough knowledge of live stock pedigrees. He is also a breeder of Short-horn cattle and Duroc Jersey hogs. Write him for dates, mentioning The Homestead. His advertisement appears on page 32.

On page 35 of this issue you will find the advertisement of the T. L. Livingston herd of Durocs. This gentleman has made his reputation on a class of hog that meets with the approval of the hog men in general. His crop of spring pigs have made a good growth and are now ready to be shipped out on mail order. Watch The Homestead for a fuller report of the herd.

Mr. John Blain's herd of elephants are coming along in nice shape. He has as much quality as ever and all indications point to a cracking sale on October 17th. Blain breeding was among the winners at Nebraska this fall, Oakland Prospect winning second in a large class. Watch for Mr. Blain's advertisement in our columns. Write him at Pawnee City, Neb., for full particulars, etc.

Mr. Wm. Malcolm, of Worthington, Minn., one of The Homestead's advertisers, and a leading Duroc Jersey breeder, won first and sweepstakes on Dale, a son of Orion's Profit, at the Minnesota State Fair. This boar is a grandson of old Orion and is a good one. Mr. Malcolm has a splendid bunch of boars for sale sired by this sweepstakes hog, and he is very reasonable in his prices. Write him at once and get his best.

Messrs. Hanks & Bishop, New London, Iowa, are prepared to fill orders for spring and fall hogs. Duroc breeders can find something to their taste out of the Pleasant Grove herd. Boars by Top Notcher Again, Proud Advance, and other noted sires are placed at very reasonable prices. Visitors are extended a cordial invitation to inspect this herd at any time. If impossible to tell, just drop a card, describing your boar desired, and prompt attention will be given. See card on page 37.

Mr. Alec Calder, of Fremont, Neb., one of the best known and most popular horsemen in the West, showed horses at the Nebraska State Fair and got the following prizes: First and fourth on aged Shire stallion, fourth on three-year-old stallion, first and second on two-year-old filly, also sweepstakes. At Sioux City he got first on coach stallion four years and over, second on three-year-old Clyde stallion and first and second on Clyde mares. He has a few good Clyde stallions for sale at prices that will move them if taken soon.

Mr. H. S. Allen, of Russell, Iowa, breeder of Duroc Jersey hogs, in sending in copy for his new advertisement on page 35 writes: "In calling attention to the boars we are offering for sale, would say that there are some good herd headers in the lot. They are big, strong, lusty fellows, have never been crowded, and so are in condition to do the buyer good. There are three especially big, fine, strong fellows by the 915-pound sire, Top Notcher Again, that should go into good herds, and they will be priced very reasonable. We invite inspection and guarantee every man a square deal."

The Ardmore Stock Company, of Holstein, Iowa, were out in full force at Sioux City and secured the following prizes: Sweepstakes boar any age, Typesetter 3d, a yearling boar by St. Patrick of Ardmore, out of a choice Royal Majestic Sow; first prize aged boar, Royal Improver 78454, a two-year-old, sired by Royal Majestic 63234. They have used Royal Improver extensively in their herd the past two years and he has proven on exceptionally good sire. He has for his dam a daughter of old Columbia 33769, dam of the World's Fair (Columbian) champion, Columbia Duke. Royal Improver is a very showy boar. He won first in class and sweepstakes at Interstate Fair, both in 1904 and 1905. They also have the second-prize yearling boar of this year's fair, Stumpy Pat 91065, a son of St. Patrick 60424 (sweepstakes boar at Iowa State Fair, 1902) and out of Senorita 47938, a great brood sow bred by Mr. Reuben Gentry. Stumpy Pat and his litter mate were also prize winners at the 1905 fair. They have a lot of good pigs by him this year. They won sweepstakes boar, nine first out of fourteen, seven seconds, a third and two fourths. The four high-priced

sows were directly descended from Royal Majestic. The sweepstakes boar was a very close call.

Mr. F. H. Long, of Manning, Iowa, showed his big Polands at Sioux City last week and got second on aged sow, second on sow two years and over and fourth on his 900-pound boar, Monarch 2d. He has thirty-six fall and spring boars sired by this same boar, and for size and bone they are hard to beat. Try him with an order if you want a big fellow.

Forty choice Poland China boars are offered for sale by that old, reliable breeder, Mr. W. N. Booth, of Danbury, Iowa. They are sired by Keep On Jr., a son of the great Keep On; also by Standard Tecumseh and by Unedda Thickset, a son of the Ohio sweepstakes boar, Thickset. These are out of very large sows, most of which are strong in Tecumseh blood. If you order a boar of Mr. Booth he will treat you right and give you a square deal.

An excellent opportunity is afforded readers of this paper to secure a number of well-bred Galloway cattle by writing to Mr. S. D. Miller, of Wellman, Iowa. Mr. Miller has eight bulls, six cows and three heifers that he wishes to close out. They will be either sold singly or in a bunch. Prices are low enough to make it worth while to anyone interested in this breed. Look at the advertisement on page 33 and when writing mention this paper.

In the Duroc Jersey advertisement of Mr. A. L. Mossman, that appeared on page 29 of The Homestead in its issue of September 13th, a slight error crept in as to the day of the month. The advertisement stated that the date the sale would take place was Tuesday, September 26th, when it should have been Tuesday, September 25th. The correct date appears in the advertisement on page 35 of this issue of The Homestead. Homestead readers will please bear in mind that the date is Tuesday, September 25th.

Mr. R. C. Poston, of Corydon, Iowa, has seventy-five extra good Duroc Jersey spring pigs that he is offering for sale on page 31 of this issue of The Homestead. In furnishing copy Mr. Poston writes: "These pigs are a healthy, vigorous lot, in good condition, and in fact I think the best I have ever raised. The blood lines they carry are first class and will satisfy the most exacting. I will be glad to send copies of pedigrees and answer any questions that may be desired by anyone who is looking for a good

Look up this gentleman's advertisement on page 26 and write him for prices.

The firm of Messrs. Norrish & Bevington, of Kingsley, Iowa, showed Duroc Jerseys at Sioux City, Iowa, and got their share of the prizes. They got second on Pericles, and this is the second time he has landed the same ribbon at this show. They also got second on their yearling boar, Cedar Lawn Model, and he showed against the first-prize boar at Des Moines and Hamline, and this was one of the strongest classes in this show. They also won second on get of Pericles H. They have some good boar pigs ready for sale that are sired by these two prize-winning boars. Write them at once if you want the best.

Mr. Wm. Sutter, of Liberty, Neb., with Mr. T. L. Livingston, of Burchard, Neb., purchased the grand sire, Liberty Challenger by Duroc Challenger, at the Geo. Horning dispersion sale. The hog was a bargain at the price paid, \$125. These gentlemen are well posted and would undoubtedly have paid double that amount for the hog. He is a two-year-old and is one of the best sires in the state. Mr. Horning could have shown him with satisfaction at Nebraska State Fair. The hog goes into the hands of two well-known and reliable breeders. Both gentlemen are well established here and both appreciate the use of a good medium to sell the surplus stock. You will find their advertisements on page 35. Write them for prices on choice stock. They are among the foremost Duroc breeders.

Mr. B. G. Stark, of Livermore, Iowa, one of the oldest breeders of Short-horn cattle in the state of Iowa, will make a public sale of fifty head at the fair grounds, Humboldt, Iowa, on October 16th. The offering will include a number of good yearling bulls, two of which are grandsons of Imp. Leybourn, a bull that brought Mr. Stark quite prominently before the Short-horn public a number of years ago. A dozen of the cows will have calf at foot by Commodore 2d and Standard Fibre, both richly-bred Scotch bulls. He is putting in some good cows and a nice bunch of heifers, and the offering as a whole is made up of very useful and money-making cattle. We want to say to those who are looking for some good cattle that they will be able to get them in this sale, and they will certainly get a square deal if they are present on the above named date. Mr. Stark has made a reputation for treating the public fairly and squarely and every animal that

CORRECTION IN DATE

In the Poland China Sale advertisement of Mr. Jas. B. Turbett, of Eden, Peoria Co., Ill., which appeared on page 31 in our issue of September 13, the date was printed as Dec. 27; it should have been Sept. 27. The correct date appears in the advertisement this week on page 38.

young boar or gilt that will develop into a first-class hog."

Mr. C. S. Buckley, of Holstein, Iowa, showed Berkshires at Sioux City last week and secured second prize on boar six months and under one year; first and second on boar six months; first on sow two years and over; first on sow one and under two; fourth on six months sow and under year; first on under six months gilt; third on boar and three sows under one year; second on boar and three sows bred by exhibitor; third on four swine get of same boar; first on four pigs get of same sow, and sweepstakes on sow, any age. He also got second on yearling Short-horn bull in a strong class.

The Homestead takes pleasure in calling the attention of its readers to the advertisement of Mr. C. F. Shaffer, of Wellman, Iowa, which appears on page 34 of this issue. Mr. Shaffer is a breeder of Poland China swine and Short-horn cattle. At the present time he is offering 110 pigs of March and April farrow for sale. They are sired by his herd boars, G's Perfection, Jr. 89471 and Black Chief 99855. He also has ten head of Scotch and Scotch-topped bulls for sale, all straight reds. His Short-horn herd is headed by the prize-winning bull, Laurel Knight 170762. Write him for pictures of his herd bull and boars which will be sent free on application.

W. J. East & Son, of Clay Center, Neb., are recognized as one of the best Duroc breeders in the state of Nebraska. Mr. East has established himself by using only top-notchers and the most of his herd represents some prize-winning family. Mr. East believes in using the best and consequently his herd will show only choice hogs. He started out by using Ray's Choice, by Imp. 2d. This animal was a winner at Nebraska. He died before Mr. East was through with his services, but left some choice get that proved him a grand sire. Bezdek, a winner of first, at Nebraska, and third prize winner at St. Louis, has been in service for some time. He has done well and his get have been ready sellers. Mr. East started things some last winter, when he purchased the highest priced Duroc sow ever sold in Kansas. She was sired by Field Marshall and safe in pig to Improver 2d. He paid over \$300 for her in the well-known herd owned by C. E. Pratt, of Frankfort, Kansas. Mr. East has a herd of sows that have passed through cholera and are now immune to the dreaded disease. He is using a son of Billy K., as well as Frank's Choice, by Belle's Echo.

goes into the sale ring will be sold without a by-bid or any protection. We therefore urge those who want a good young bull or a few cows and heifers to remember this sale.

Among sheep owners throughout the world it is now generally known that Messrs. William Cooper & Nephews, of Chicago, Ill., manufacturers of the well-known Cooper Sheep Dip, have reached a very high position as sheep breeders, and their success at the recent royal show of England certainly placed them in a foremost position, their Shropshire sheep capturing on the occasion six first premiums, practically sweeping everything before them and establishing a prize-winning record never approached by any other exhibitor. From the Cooper flocks last year sheep were shipped to every part of the world to the value of half a million dollars.

Messrs. Chandler Bros., of Kellerton, Iowa, breeders and importers of Shropshire sheep, write us that they have sold over 200 head of sheep since making their importation in August, and that they are being complimented everywhere on the good stock they succeeded in disseminating. Not long since they sent one sheep to a certain town and when breeders saw it was the means of causing sales of \$900 worth in that place. Messrs. Chandler Bros. have a number of good rams of the character that can be recommended, weighing up to 265 pounds, that will make rapid improvement on any flock. Those wanting good Shropshire sheep will do well to consult their advertisement on page 19 and in the meantime write them for information.

Messrs. Osborne Bros., of Osborne, Iowa, in furnishing copy for their advertisement found on page 31 of this week's Homestead, write: "The Poland China pigs we are offering for sale are a very good lot. They have extra good size and length of body with good quality. There are a few good show pigs among them that will make good boars to head herds with. They are from large, prolific sows and are sired by as good boars as any man owns, namely, Osborne's Sunshine 90981 and Onward 102447. We are offering this last boar for sale, but for no fault in him. We have so many sows that are akin to him that we cannot longer use him to advantage. He is a show hog from end to end with good size and good bone. The man who gets him can make a creditable showing anywhere. His pigs are among the best we ever raised and they all have good color and coats and are extra good feeders. We guarantee that all

No matter how good your lamp, a MACBETH chimney makes it better.

They are made to fit, and do not break from heat.

My lamp-chimneys offer the only practical remedy for all lamp-ills—good glass properly made. That's why they make good lamps better.

My Index is free.

Address, MACBETH, Pittsburgh.

the pigs we sell will fill the description we give. We send pedigrees with pigs and will price them to sell them right."

Mr. E. Z. Russell, of Blair, Neb., will make a fall Duroc Jersey sale on October 8th, at which time he will sell a half interest in his great show and breeding boar, Glendale Critic, considered one of the greatest sires now living. He won third this year at Des Moines, second at Nebraska State Fair, and was the sire of the first prize boar pig and first prize sow pig at the Iowa and Nebraska State Fairs last year; also at the Interstate Fair, and this year one of his sons won second in the yearling show at Lincoln, and another won third. The latter boar, Critic's Echo, will also be included in this fall sale. There will be a lot of other good things in the sale, and breeders will do well to keep his sale day in mind and be present on that occasion. He will offer one of the best lots of winners and prospective winners that will be sold this fall.

The advertisement of the Chicago House Wrecking Company, 35th & Iron Sts., Chicago, Ill., will be found on page 17, and we desire to call especial attention to the roofing and other material they advertise which will be of interest to those contemplating building. This firm sell steel roofing and siding at prices that are most economical. This roofing will outlast any other material and is suitable for covering any building. It is cheaper and more durable than shingles. It makes the building cooler in summer and warmer in winter. This firm will send goods C. O. D. to any person answering this advertisement, thus allowing a chance to examine them before paying for them. Write them for their catalog No. W-500, which gives a good deal of information about many kinds of building material. Any person who is contemplating building cannot afford to not know their prices on building material of all kinds.

Messrs. W. L. Addy & Son, breeders of Duroc Jersey swine, of Farnell, Mo., write: "Our pigs are coming on nicely and we have some good young males fit for any herd in the land. We recently put into one of the coming Missouri herds a fine young fellow carrying the blood of Ohio Chief, Top Notcher and Proud Advance, a splendid combination and a grand, good individual. We yet have some toppers, one a son of Proud Advance from a sow carrying the blood of American Royal. This is indeed one of the best sons of Proud Advance. We can make it interesting to correspondents wanting males carrying popular blood and in the best possible condition for usefulness. We offer no "cheap John" pigs. Have castrated unusually close. We have one son of W. L. A.'s Choice Goods for sale for which we have refused \$100. He will make somebody a great hog. Correspondence solicited." See advertisement on page 36.

Mr. Charles M. Hulbert, of Oakland, Neb., one of the best Poland China men in Nebraska, writes: "I have eighty fine March hogs and the pick is choice. Fully one-half of these are sired by Oakland Prospect, the 780-pound two-year-old and second prize in grade class at Nebraska State Fair this year. My pigs are doing fine and I will sell some choice March gilts. I also have 100 March sows that I will breed and the fifty tops will sell at Oakland some time in February, date to be announced later. It will be a roaring sow sale, as many of them will be bred to the great L. & W.'s Advertiser, the first-prize under a year boar at Nebraska." These boars that Mr. Hulbert offers are very good. They have ample size and lots of bone. Their sire is Oakland's Prospect, the second-prize aged boar at Nebraska State Fair. He now offers to price this great boar, as he has a lot of his get. Write him and mention The Homestead.

A SUCCESSFUL AUCTIONEER.

Many readers of The Homestead are acquainted with Col. C. C. Keil, of Ladora, Iowa, one of the successful auctioneers of the middle West. Colonel Keil has been a breeder of thoroughbred stock for a number of years and is well posted on pedigree. He is a hard worker and his patrons are well pleased with his efforts. Colonel Keil has a few dates left and breeders intending to hold sales should write Colonel Keil at once for terms. Kindly mention The Homestead when writing.

TRUMANS' WINNINGS.

Many of the readers of this paper inspected the Shire and Hackney horses exhibited by Trumans' Pioneer Stud Farm, of Bushnell, Ill., at the Iowa State Fair, and noted the excellent lot which are characteristic of this firm. Every first prize in Shire and Hackney stallion and mare classes at the Iowa State Fair was won by Trumans' Pioneer Stud Farm. At the Indiana State Fair the past week the following prizes were awarded to Messrs. Truman: First, second and third aged Shire stallion; first and second three-year-old Shire stallions; first and third aged Shire mares; first three-year-old Shire mare; first two-year-old Shire mare; first and second aged Percheron stallions; champion gold medal for best Percheron stallion; first and second aged Hackney stallions; first three-

year-old Hackney stallion; first aged Hackney mare; first two-year-old Hackney mare. Messrs. Truman will show their horses at the Illinois State Fair and will be pleased to meet their many friends and former customers, as well as the readers of this paper. A cordial invitation is extended to readers of this paper to visit the barns at Bushnell if interested in good Shire, Hackney or Percheron horses.

CORN SHOCK COMPRESSOR.

For the small sum of seventy-five cents our readers can purchase a corn shock compressor. A boy can use this compressor and it is guaranteed to do the work. It will pay for itself twice over every day that it is used. It is self-locking and made of iron, though it is easily released and lasts indefinitely. It is manufactured by the William Galloway Company, Waterloo, Iowa, whose advertisement will be found on page 20 of this issue.

COTTINGHAM'S SALE.

An extra good lot of Short-horn cattle and Poland China swine have been selected for the public sale of Mr. Ira Cottotham, of Eden, Ill., which will be held on Tuesday, October 9th. The writer representing The Homestead recently inspected the offering and is pleased to recommend it to readers of The Homestead. Catalogs are now ready and will be mailed to all who write for same, kindly mentioning The Homestead. Further particulars regarding this offering will appear in these columns next week.

MCNEIL BROS.' HORSE SALE.

On Thursday, September 27th, Messrs. McNeil Bros., of Bowen, Ill., will offer for sale at public auction seventy-five head of standard bred and draft horses at their barns, commencing at 10 o'clock. The lot will consist of several high-class actors—stallions, brood mares, colts and fillies. Messrs. McNeil Bros. are well-known breeders of Duroc Jerseys, as well, and will be pleased to have any of their friends and customers spend the day with them. As is the case with their Durocs, their horses are of the best and will merit the requirements of the most careful buyers. Plan to spend the day with Messrs. McNeil if in search of good horses.

SHORT-HORN BREEDERS, ATTENTION!

One of the most important events in Short-horn circles this year will be the dispersion of the well-known herd of Short-horns owned by Mr. W. I. Wood, of Williamsport, Ohio. Mr. Wood has long been identified with the Short-horn interests and has at the head of his herd one of the best bulls of the breed, Imp. First-in-the-Ring. This bull was the sire of the three highest-priced bulls bred and sold in the United States in 1902, the get of one sire. A number of his get are included in the offering. If any of the readers of this paper are not on Mr. Wood's mailing list they should write him at once for illustrated catalog. It contains numerous photographs of the cattle offered for sale and is beautifully arranged. Kindly mention this paper when writing and plan to be at Washington C. H., Ohio, where sale will be held. Further particulars regarding this sale will appear in our next issue.

ANGUS AUCTION AT THE AMERICAN ROYAL.

Leading western breeders of Aberdeen Angus are consigning to the auction under the auspices of the American Aberdeen Angus Breeders' Association on October 9th, during the American Royal. The sale is not crowded with entries, but the quality of the offering is believed to be rather better than has usually been offered at Kansas City. About thirty head are cataloged and they are such as to credit to this celebrated breed, and include representatives of the Blackbird, Queen Mother, Coquette, Nosegay and other noted strains. Several show animals are cataloged. The following consignors contribute the cattle: Messrs. T. J. McCreary, Highland, Kan.; Omer Catterson, Maryville, Mo.; R. S. Williams, Liberty, Mo.; W. J. Miller, Newton, Iowa; Paul M. Culver, Edgerton, Mo.; Berry Lucas, Hamilton, Mo.; W. F. Eckles, Green City, Mo., and McAdam Bros., Holton, Kan. The catalog can be secured by addressing Mr. W. C. McGavock, of Springfield, Ill.

THE OSBORN DUROC SALE.

On October 4th, the day following the R. J. Harding sale, and at the same place, Carson, Iowa, will occur the Duroc Jersey sale of Mr. O. E. Osborn, of Weston, Iowa. He sells forty head, and thirty of these will be hogs, and six of this number will be fall hogs. He is selling some good Ohio Chief gilts and three yearling sows bred to Ohio Chief. These sows are sired by R. L.'s Perfection, a grandson of his famous old sweepstakes sow, Red Lady, and one is sired by Malcolm's Model and is out of a Crimson Wonder dam. There will be a daughter of Indicator in the sale, and she will have a litter of pigs by Ohio Chief, and another sow, called Young Anna (an Orion-bred sow), will be bred to Ohio Chief. Here will be the place to get some good Ohio Chief gilts to found a herd on, or to put in a spring sale. He has picked out about eight of his best Ohio Chief boars for this sale, and there are herd headers among them. There will be ten Indicator hogs in the sale, eight boars sired by Brigg's Prince and two hogs by Miss Bob's Wonder. There never was a better time to buy Ohio Chief boars or gilts than will be found in the Osborn sale, and he will be pleased to have the boys with him at that time. His cat-

alog makes pleasing reading to lovers of Duroc Jerseys, and it contains the pedigrees of some of the best things to be found this to those who want it. However, you in the breed, Mr. Osborn would like to send must write for it if you would be sure of getting it, as the call is very strong. Kindly mention this paper when writing.

EVERGREEN CHESTERS ARE GOOD.

The Chester Whites raised by Mr. E. J. Trumbauer, of Patterson, Iowa, are growthy individuals. Mr. Trumbauer needs no introduction to breeders of Chesters in Iowa, and is known in other states as well. He raises the kind that have bone and smoothness combined. In starting his advertisement, which appears on page 31, Mr. Trumbauer writes as follows: "I come before the public again for my fourteenth year with as good a crop of improved Chester White swine as can be found in any herd. Nearly all of my young stock is sired by my great herd boar, weighing over 600 pounds at fourteen months old. He is a large bony fellow, yet smooth as silk. Just the kind to make a man money. I will also have for sale some yearling sows and an extra good lot of this fall's pigs. Anyone needing something good should come early." Better write for his prices, as they are made to sell them rapidly.

E. E. ETTER'S DUROCS.

The Durocs owned and raised by the above named gentleman, at Utica, Neb., have always pleased those who have purchased stock from this herd. Mr. Etter has recently purchased a son of Won't Be Beat, to be used in his herd. This pig comes from the W. H. Taylor herd and is one of the choicest raised by Mr. Taylor this season. Mr. Etter paid a good, long price for him. He will use this pig on some royally-bred sows and good results are anticipated. The herd of sows represent the blood of Red Jumbo by Jumbo Red, Prince Morton by Morton Prince, Glendale Critic by Tolstoi, Paul Improver by Improver 2d, Miss Surprise by 2d Surprise, and others as well bred. His entire herd shows the good care and good blood represented. Mr. Etter is making tracks toward the top row and in less time than some of our older breeders you will find him recognized as one of them. You will notice that his herd embraces the choicest blood lines. If interested in good Durocs write him at Utica, Neb. Look up his advertisement on page 36.

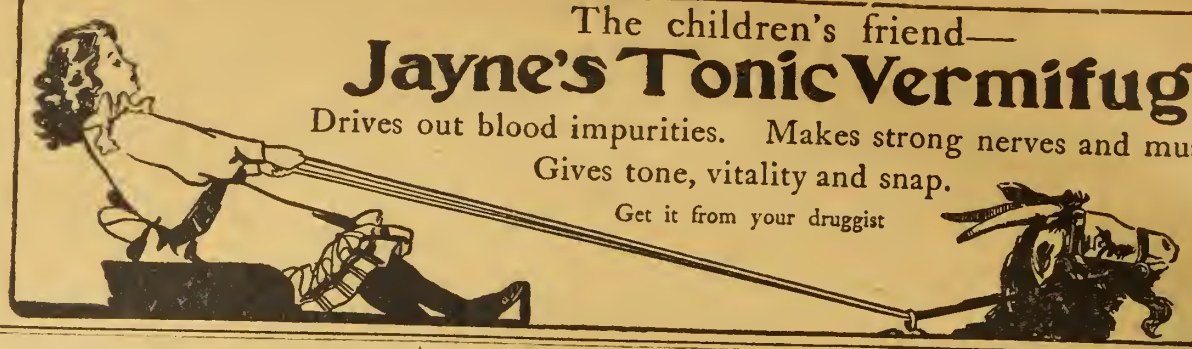
WILLIAMS' SHORT-HORN SALE.

At Oakland, Iowa, on October 8th, Mr. R. E. Williams, a well-known farmer and breeder of Pottawattamie county, will sell a draft of forty head of Short-horn cattle. There will be eight yearling bulls in this sale, all red in color and all sired by Prince Airdrie. There will be about fifteen cows in the sale and all except four will have calf at foot by Grand Champion 151488. This bull was bred by Mr. T. J. Ryan and is out of 66th Duchess of Gloster by King James, one of the greatest cows they ever owned. There will be nine yearling and eight two and three-year-old heifers in the sale. Everything old enough that goes into the sale will be bred to Grand Champion. Among the females are some well Scotch-topped cows and there are a few straight Bates in the offering. Mr. Williams has owned one of the business herds, in fact a money-making herd, and he now makes a draft sale because he has not room enough for all, and as they are increasing at a rapid rate, he therefore decided to make this sale. Anyone who wants a good, vigorous young bull can get it at the Williams sale or they can get a nice, useful bunch of heifers or some good cows with calves at foot. Write him at once for catalog and kindly mention The Homestead.

BURR OAK POLAND CHINAS AT AUCTION.

Mr. John Tuttle, of Fillmore, Mo., proprietor of the Burr Oak herd of Poland Chinas, announces a sale of Poland Chinas to be held at his farm on Monday, October 8th, at which time forty head will be sold. Mr. Tuttle is one of the men who has stayed with the big kind, such as the Tecumseh U. S. and Wilkes strains and has used just enough Perfection blood to add the quality of this great family. His leading herd boar and the sire of the larger part of the offering is the boar, Fillmore 2936, got by Chief Tecumseh 3d and out of Queen Perfection by Chief Perfection. Fillmore is of the larger type and with his size has the desired quality. Few stronger-backed hogs are found. He is evenly-balanced and stands on four extremely good legs. These qualities are transmitted to his get and the number of these listed for sale will give buyers an excellent opportunity to get the blood of old Tecumseh 3d through one of his good sons and only a few of these are left. The second herd boar and a good breeding boar, too, is Oak Post 3442 got by Harry Wilkes. Oak Post's dam, Wayside Mollie, was by Expectation and out of Madam Harris II. Here, too, is breeding that is thought much of by those who appreciate the larger kind. Two sows, Belle of Burr Oak and Belle of Burr Oak 4th, were among the foundation sows bought by Mr. Tuttle, and from these most of the sale stuff descends. Belle of Burr Oak was got by America, he by old Columbus, and her dam was a Wilkes sow. Belle of Burr Oak 4th was got by Highland Chief, he by Chief Tecumseh 3d. Mr. Tuttle has listed seven fall boars, five spring boars, three fall gilts, eighteen spring gilts and five mature sows, all with litters by the two herd hogs. Cat-

The children's friend—
Jayne's Tonic Vermifuge
Drives out blood impurities. Makes strong nerves and muscles.
Gives tone, vitality and snap.
Get it from your druggist



alogs will be mailed to all who write and Mr. Tuttle invites all who can to be with him sale day. The location of the Burr Oak farm is found in the advertisement on page 31. When writing Mr. Tuttle kindly mention The Homestead.

A STRONG TESTIMONIAL FOR WRIGHT'S FEEDERS.

Among the many testimonials received by Mr. C. A. Wright, of Rosendale, Mo., the stock feeder man, is one of very recent date that we take pleasure in reproducing: "Hays, Kan., Aug. 20, 1906. Mr. C. A. Wright, Rosendale, Mo. Dear Sir:—We have received in good condition the ten-foot feeder ordered from you and are favorably impressed with it. At present we are feeding from it some fourteen pigs that have just been weaned and it proves to be a most convenient and economical feeder. It prevents any great waste of feed, as is often the case when feeding out of an ordinary trough. It being so constructed as to keep the pigs out of the feed is certainly a great item. Of course we have not had time yet to thoroughly test the feeder, but we think we will find it satisfactory in every way, also economical. We will take pleasure in explaining its merits to farmers and recommending it to their use. Very truly, Ft. Hays, B. Experiment Station, Hays, Kan. By O. H. Elling, Acting Supt." Mr. Wright's feeders are no longer an experiment. The best stock raisers are using them and are loud in their praise of them after having used them a full season. Remember that the raise in cost of material forces Mr. Wright to discontinue paying freight after October 15th, so you had better order today when \$10 buys a feeder, either for hogs, calves or chickens with farm right to make any or all of the three and Mr. Wright will pay the freight. See page 3 for advertisement of the Wright feeder and do not forget to mention The Homestead when writing.

POLLED DURHAMS AT AUCTION.

On Oct. 5th, at the South Omaha Stock Yards, will occur a very important sale of Double Standard Polled Durham Short-horns. They are the property of Shaver & Deuker, of Kalona, Iowa; John Renswick, of Boyden, Iowa; M. Rau, of Harlan, Iowa, and D. L. Pond, of Inman, Neb. The above breeders have associated themselves together in this sale for the purpose of giving the breeders of western Iowa, Nebraska and South Dakota, an opportunity to buy some choicely-bred Polled Durham cattle right at their own door. The offering has been selected with due reference to being good representatives of the breed, cattle that any of the breeders contributing can ill afford to part with. However, the sale is made for the purpose of further introducing this very popular breed of cattle into the hands of farmers and breeders in the center of the corn belt. Mr. L. G. Shaver, of Kalona, Iowa, has been selected as general manager of this sale, and to him should be made all applications for catalog or other information relative to this sale. We can say without any fear of successful contradiction that the sale is in good and responsible hands and that it will be conducted on straight and honorable lines, the buyers being thoroughly protected in every way. Mr. Shaver is one of the most reputable, as well as one of the best, breeders of Polled Durham cattle in America. The Homestead bespeaks for this sale that large measure of success to which it is entitled, and trusts that all our readers that may be interested in Polled Durham cattle will send to Mr. Shaver at once for a catalog, mentioning The Homestead.

THE LAST CALL FOR THE ROOD-FESSEMYER SALE.

On Saturday, September 29th, at Clarinda, Iowa, is where the "Big Poland China" can be bought. This sale will be made by Messrs. Fred Rood, of Clearfield, Iowa, and H. Fessenmyer, of Clarinda, Iowa. Mr. Rood became noted as a breeder of the big ones through his great brood sow, Giantess, and she is possibly one of the most profitable Poland China sows in this country. Mr. Fessenmyer has also bred along the same lines and between them they are offering fifty head. Of these twenty-five are boars and twenty-five are sows, the cream of their two herds. There will be several sons and daughters of old Giantess in the sale and there will be a lot of granddaughters. Mr. Rood sells a fall boar sired by Longfellow H. and out of old Giantess, that has the size and bone that will please those who want a big boar. He also sells a good Proud Corrector show boar in this sale. Another fall boar by Longfellow H. will weigh 400 pounds. He has a lot of other good hogs that will make great big ones. A daughter of old Giantess and sired by P. W. Perfection is called Giantess Best, and she is one of the best in the offering. She is a brood sow and no one need hesitate on her nor stop on the price. Mayflower 3d also goes in and she is very good. Two good ones by Pawnee 2d go in, as does also two by Guy's Best 2d. Mr. Rood always puts in good stuff, and his offering this year is in keeping with what he has sold heretofore. He will not put in a boar that is not fit to head a herd. Mr. Fessenmyer will sell one yearling sow bred to P. W. Perfection for fall litter that will weigh 600 pounds. She has a great, big bone and is a great foundation sow for someone. He also sells six fall sows. Four of these will weigh 400 pounds or better by sale time. These are extra good, with lots of quality, broad backs, wonderful length and have from seven and one-half to seven and three-quar-

ter inch bone. The balance are February and March pigs, and some of these will weigh from 250 to 270 pounds. They are stretchy, with plenty of bone and are of the large type of Poland Chinas. Breeders of Polands who are looking for the big kind will not be disappointed in either the Rood or the Fessenmyer offering. Write either party for a catalog and attend the sale.

WEIGHTON'S DUROC JERSEY SALE.

On October 2d, Mr. John Weighton, of Audubon, Iowa, will sell fifty head of Duroc Jersey boars, gilts and brood sows at his farm adjoining town. The spring hogs in his offering are mostly sired by Proud Advance 40997, the sire of the first-prize gilt and the second-prize litter at the Iowa State Fair this year. One of the chief attractions is a boar pig sired by the great Proud Advance and out of the noted brood sow, S. E.'s Model, one of the highest-priced sows in the West, and one of the best daughters of Ohio Chief. There will be eleven yearling and twenty-three spring boars in the sale—seven open gilts and eight sows with litters. Mr. Weighton is also offering his herd boar, Audubon 21969, a three-year-old boar of great substance and finish, and twice a winner of sweepstakes over all breeds at the Audubon County Fair. The Weighton herd is strong in the blood of Ohio Chief, Orion, Proud Advance and Top Notcher, and the present offering is one of the best that has ever been sold from this well-known hog farm. Mr. Weighton is putting quite a number in this sale that are just as good as the first-prize state fair gilt and as good as the second-prize litter. They only need a little attention to repeat the thing in next year's show. Write Mr. Weighton for catalog at once and mention The Homestead.

ED HOLMES CLOSES OUT HIS POLAND CHINAS.

September 27th, at Bedford, Iowa, marks the closing out of the entire herd of Mr. Ed Holmes, and there will be disposed of one of the best herds in southern Iowa. Herd boars and brood sows that have never before had a price put on them go to the highest bidder and nothing is reserved. It is the United States' loss and Canada's gain, but the public get the benefit in being able to buy good hogs at their own prices. Mr. Holmes is moving to Canada and therefore the dispersion of the herd. Here is the home of the noted boar, Mo. Perfection, the boar that had them all going at the Iowa State Fair in 1905, and he will be sold with the rest. Four sows that go into the sale will have litter at foot by Mo. Perfection. Autumn Maid, one of the best daughters of old R.'s Claud, will have a litter of nine by Mo. Perfection and here will be a real bargain for some good breeder who will take care of them. Black Beauty, another sow of the same breeding, will also have a litter by him. One of the tops is a big daughter of P. W. Perfection, now three years old, and she is out of Anna Price, a litter sister to Mr. Fred Rood's famous sow, Giantess. There are a grand lot of summer and fall sows, mostly sired by Mo. Perfection. Old Darkness 3d, a daughter of Crescent Tom, and one of the largest sows in the sale, should be an attraction to those who are looking for the big ones. In fact, there will be a whole lot of good sows go under the hammer in this sale. Mr. Holmes sells Big Shamrock, a son of Mr. Moats' old Shamrock, and he also sells two good fall boars in Orphan Boy and Clean Sweep. These two are sired by Mo. Perfection and the last named one will undoubtedly make as good a boar as his sire, if taken care of. The spring stuff is sired by Shamrock and Giant Killer, the latter boar being a son of old Giantess. There is no gainsaying but here will be an excellent place to buy Poland Chinas. Write for catalog and mention this paper.

JANES' SHORT-HORN SALE.

Forty-five head, thirty-five cows and heifers and ten bulls, make up the offering of Short-horns to be sold at public auction by Mr. A. M. Janes, of Lafayette, Ill., on Saturday, October 6th, at his breeding farm adjoining the corporate limits of that city. It is one of the best opportunities of the year to secure good Short-horns at your own figures. Mr. Janes secured from Messrs. I. M. Forbes & Son the bull, Baron Champion, one of the best sons of Baron Gloster, and crossed him on cows from some of the best herds in the central West. In 1904 he secured the highest priced bull sold at the International, Gwendoline Victor 208932, a son of Knight of Meadow Farm 3d, he by Victor Baron by Knight of the Thistle, dam Gwendoline of Meadow Lawn. This bull has proven himself a show bull, having won second in the Missouri display at the St. Louis Exposition; sixth in general display, fifth at American Royal and fourth at International. He is a bull of real merit and faultless breeding. It would be very difficult to find a pedigree with more ancestors that were bred by Mr. Amos Cruickshank. This will be one of the last opportunities to buy granddaughters of old Baron Gloster, the bull that made Mr. I. M. Forbes famous as a Short-horn cattle breeder. The herd bull, Baron's Champion, was Baron Gloster's last and one of his best bull calves. The heifers in this sale will be bred to the chief herd bull, Gwendoline Victor, which was the highest priced bull sold at the International show in Chicago. Everything will be guaranteed a breeder. In our issue of next week we will give more particulars in regard to the offering. They have been grown in a way to insure future usefulness, not pampered nor loaded down with fat. Representing as they

La. State Metal Corrugated Culvert Co.



Manufacturers of corrugated metal culverts. Most practical and durable culvert made. Bears any wt., will not break or rust, not affected by freeze.

Ing. Send for catalog.

Independence
Oskaloosa
Corroll Bluffs
Marshalltown
Ft. Dodge

Lytle, Minnesota.

do some of the best blood of the breed, and being good individually they should attract all farmers and breeders of Short-horns, Lafayette has very good train service and parties will be met at Galva, which is six miles northwest of Lafayette on the main line of the Burlington on sale day. Plan to be present and secure some of the good things to be offered sale day. Catalogs will be sent to all who write as per the advertisement on page 31, kindly mentioning The Homestead.

DICE & GARBER'S DUROCS.

The old, reliable firm of Messrs. Dice & Garber, located at Beaver Crossing, Neb., are still doing a good business with the Durocs. This firm have always held their place among the top by square dealings and today you will find as strong a lot of pigs as have ever been offered by them before. 2d Surprise has sired some choice pigs and the class of pigs by him have marked him one of the best sires of this breed. They have several of his get and would now part with him on a liberal offer. The crop of pigs are coming along nicely. Look up their advertisement on page 37.

THE LAST CALL FOR DR. PRITCHARD'S BIG POLANDS.

At Wisner, Neb., on September 22d, is big Poland China day, and Dr. Pritchard will sell fifty head of his best. The offering will be largely the get of his noted boar, Big Tom 2d, Wisner Chief and Perfection Keep On. There are some splendid fall and spring hogs in this sale, as well as a grand good lot of good gilts and hood sows. It is an offering that appeals to practical Poland China men, and if our readers want the real thing they will not make a mistake if they attend this sale.

AMERICAN ROYAL HEREFORDS.

Regarding the sale of Herefords to be held October 12th at Kansas City, Mo., during the American Royal Live stock show, not very much need be said, as the cattle will speak for themselves and one needs only to see them to appreciate them. Much care has been exercised in selecting the animals for this important sale and breeders who are contemplating buying a few heifers or a good herd header can find just what they want by attending this sale. Every bull that appears in the catalog is good enough to go to the head of some herd and the females will be a credit to any herd to which they may go. If you would like to have a catalog descriptive of these animals, Secretary C. R. Thomas, 221 West Twelfth St., Kansas City, Mo., will take pleasure in sending one upon application. See advertisement on page 35.

LYNDALE SHORT-HORNS AND POLAND CHINAS.

Some extremely good Short-horn bulls—one a pure Scotch, one a pure Bates, and a few nicely-bred Scotch-topped fellows—are to be found at Mr. A. F. Graves' Lyndale farm at King City, Mo. Poland Chinas that are the kind now in such demand are bred by Mr. Graves. The blood of the Tecumsehs and Wilkes predominates in these Poland Chinas. For well-sprung ribs, strong backs, good hams and the prolific kind the Lyndale Polanders are hard to excel. Mr. Graves invites inspection of the herds and prospective buyers can do no better than to make a trip to King City, Mo., and see the Short-horns and Poland Chinas quartered there. See page 33 for the advertisement and when writing Mr. Graves kindly do not forget to mention this paper.

REGISTERED AND HIGH-GRADE SHORT-HORN SALE.

On October 8th Mr. George Hans, of Newton, Iowa, the well-known Short-horn breeder, will sell at his farm two and one-half miles northeast of town twenty-two head of registered Short-horn cattle, divided as follows: Eleven hells, all yearlings, and eleven choice cows and heifers, six of them with calves at foot, calves by or the cows bred to Victor Alexander 2d. Mr. Hans will sell at the same time and place twenty high-grade Short-horns, fifteen of which are cows and five steers, practically pure-bred, unregistered Short-horns. He did not care to draw on the breeding herd for a full quota for one day's sale of pure-breds, hence this combination of pure-bred and high-grade cattle to be sold in one sale. Address Mr. George Hans, Newton, Iowa, for sale catalog.

LAST CALL FOR MERRYMAN'S DISPERSION OF HEREFORDS.

On next Friday, September 28th, at his farm, near Laredo, Mo., Mr. W. A. Merryman disperses his herds of pure-bred and high-grade Herefords. Those who are interested in the "white faces" should not overlook this opportunity. It matters not whether you want pure breeds for breeding purposes or high grades for the production of beef, Mr. Merryman has the cattle and will sell to the highest bidder. The pure-bred herd is composed of individuals that are as well-bred a lot as are often found. As individuals they rank with the better offerings, and as this is an absolute dispersion sale the best go in the sale. The herd of grades have always been quartered on a separate farm. A pure-bred bull has been kept in service for the fifteen years that Mr. Merryman has been breeding for the market and as a result he will on sale day sell a herd of high grades that look like pure hreds. From this herd of grades Mr. Merryman has during the past

six years produced several car loads that have topped the Chicago market on days they were sold. Ninety head will be sold and the buyers of car lots will find this the opportunity of the year to get cattle of high individual merit. The last announcement of Mr. Merryman's sale will be found on page 36. If you have not received a catalog write Mr. Harry W. Grabam, Chillicothe, Mo., for one and arrange to attend the sale. The cattle will not disappoint you.

JNO. J. SCHMAL'S POLANDS.

The older breeders of Poland will soon be watching a new man in the business. Mr. J. J. Schmal, of Sutton, Neb., has gathered one of the good herds of Poland and we predict success for this young breeder. At the head of his herd stands one of the best sows of Nemo L's Dude. This yearling met with a misfortune and was lamed so badly that the owner could not show him. He had intended to show this hog at Nebraska and with good luck would have made a strong impression on the judge. His boar is a show hog and one that wins some place along the line. Not alone a show hog, but a sire of good pigs of his own type. Mr. Schmal has the blood of Mogul, Nemo L's Dude, Chief Tec. 3d and very much more of the royally-bred ones. He is now offering choice spring pigs sired by his different herd hogs. Look up his advertisement on page 35.

WATT & FOUST'S DUROCS.

At the recent Ohio State Fair Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, the well-known breeders of Duroc Jerseys, won the following prizes: Second on boar two years old and over; first on boar one year old and under two; first and second on boar six months and under one year; first on boar under six months; first and second on sow two years old and over; first and second on sow one year old and under two; first, second and third on sow under six months; first on four pigs under six months; first on boar and sows under one year; first and second on boar and three sows under one year. Messrs. Watt & Foust have an excellent lot of spring pigs of either sex for sale that will please discriminating buyers. A yearling boar by Kan't Be Beat, dam Red Jewel by Chicamanga will please someone looking for a herd boar. Another yearling boar by Orion Chief and out of Mayflower will prove a fine boar to head some good herd. Write this firm at once, or, better still, visit them and make your own selections, as per the advertisement on page 36, kindly mentioning The Homestead.

AN IMPORTANT HEREFORD SALE.

Messrs. W. E. Hemenway & Son, Morris Cook and J. M. Grimes, of Steward, Ill., have selected a very good lot of Hereford cattle from their respective herds for their forthcoming public sale, which will be held at the home of Messrs. Hemenway, on Wednesday, October 3d. Sixty head have been consigned forty-five cows and heifers and fifteen hells. The get of the International winner, Masquerader, are numerous and a better lot of heifers and bulls the get of one sire are seldom offered for sale at public auction. During the past few years the sales held by these parties have been successful, both as to class of cattle offered and the good resulting to breeders and farmers who have secured stock at these sales. The writer, representing The Homestead, has inspected a number of consignments for public sales, and but few compare with this one in quality, uniformity of type and breeding. The catalogs will be sent to readers of The Homestead as per the announcement on page 31 of this issue. Plan to attend this sale, one of the most important events of the year. Kindly mention The Homestead when writing.

MR. SEIBEL'S DODDIES AND POLANDS.

On page 31 of this issue will be found the advertisement of Mr. C. H. Seibel, of Paton, Iowa. Mr. Seibel on account of ill health is obliged to dispose of his Aberdeen Angus cattle and Poland China hogs. He has on hand about seventy doddies of the very richest breeding, representing such families as the Prides, Ericas, Princesses, Blackbirds, and Coquettes. He has twelve or fourteen extra good young bulls that are now old enough for service. He has been using in the herd King Ito, an extra good son of the famous Prince Ito, owned by Mr. Martin, of Churdan, Iowa. The cows and heifers are nearly all bred to this great son of a famous sire. Those who would like to add a few females to their herd or those who desire to make a start along the doddies line, beginning right at the top in blood lines, cannot do better than look into the merits of Mr. Seibel's herd. In addition, he is offering some very richly-bred Poland Chinas, both gilts and males. These are all richly-bred coming as they do directly from Keep On 61015, Chief Perfection 2d and Chief Tecumseh 3d. The young males that Mr. Seibel is offering combine size and quality in a marked degree, and as he is going out of business permanently they will be sold reasonably. For further information concerning Polanders or doddies write Mr. C. H. Seibel, Paton, Iowa.

THE HARDING FALL DUROC JERSEY SALE.

Mr. R. J. Harding, of Macedonia, Iowa, one of the best-known breeders of the reds today in this country, will sell a draft of forty-five head of spring boars and gilts and a few good fall sows at his sale at Carson, Iowa, on October 3d. These will be the very tops of his herd, and will be sired by the great Ohio Chief, Proud Advance, Brighton Wonder (a full brother to Crimson Wonder), and a number will be sired by other hogs noted as sires of the very best standing. Mr. Harding is putting his best foot foremost in this sale, and he will sell a few choice hogs sired by old Orion and out of Proud Lady, the highest-priced sow of the breed. Then he will sell the best boar out of Nebraska Belle this year, and he will be sired by Ohio Chief. Here is a combination of blood lines, having on both sides the leading winners of the present day. It is a happy combination that should breed on and on. Then he is putting in a splendid litter; in fact, one of the best, by Belle's Perfect King, a son of the great sweepstakes sow, Nebraska Belle, and they are out of Lady Surprise. He will sell four good boars sired by Proud Advance and out of Queen Perfection by the great Perfection Chief. There are several other good things in the sale, but the thing to do is to go and see them. The catalog tells the story, and the buyers must do the rest.

PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 242-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.
DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

If any of our readers want something that will do their herd good they had better make sure to be at the Harding sale. In fact they cannot afford to not be there. When writing for catalog kindly mention this paper.

FIGHTING HOG CHOLERA.

It is to the interest of every man in the corn belt who raises hogs to co-operate with his neighbors in destroying cholera germs. It is too late after the disease breaks out, and if there ever was a case where an ounce of prevention is worth many pounds of cure, hog cholera furnishes that case. The germs of cholera are not visible to the naked eye, and therefore their destruction must be wrought with an agent that is deadly when brought in contact with them. Such an agent is Zenoleum, a coal tar product manufactured by the Zenner Disinfectant Company, of Detroit, Mich. This company have been in the business for many years and have established a remarkable record for the virtue of their product, Zenoleum, as a disinfectant. If every farmer in a given locality before cholera enters would make a practice of disinfecting his hog quarters with Zenoleum, using the same around wallows and occasionally in the slop, there is no question but what cholera could be kept down. It costs but \$1.50 a gallon and when mixed with fifty gallons of water makes an inexpensive and highly valuable deodorant, disinfectant and antiseptic. The company tell their own story in their advertisement found on page 18 of this issue. Send for their sixty-four-page book entitled "Piggie's Troubles." It contains much valuable information. Address Zenner Disinfectant Company, Detroit, Mich.

THE LAST CALL FOR THE PFANDER POLAND CHINA SALE.

On September 26th, at their farm home, near Gravity, Iowa, Messrs. J. W. Pfander & Son will sell forty-five head of Poland China hogs, made up of fall boars and sows, aged sows and spring hogs and gilts. This sale is composed of the larger type of Poland Chinas and very largely of the Giantess strain. This strain of hogs has become quite popular in southern Iowa and northern Missouri, because they are what the people want. The greater part of the offering will be sired by Klever's Thicket, a son of the Ohio sweepstakes boar, Thicket, and by Size Me Up, a son of Double Chief. We called attention heretofore to the two-year-old brood sow, Model Giantess, which goes into this sale. She is one of the best daughters of Mr. Fred Root's famous old sow, Giantess, and she will sell with a litter of pigs at foot. Included in the sale will be a spring litter of hers—four boars and four sows—that are strictly all right, and there will also be a fall litter out of the same sow. She is one of the most profitable sows to be sold this season. She is not a show sow, but is an animal that carries lots of scale and considerable finish for her size and she certainly is a brood sow that raises pigs that in turn add to the bank account, because they are always in demand. There will be a fall litter in the sale out of Crescent Giantess, a litter sister to Model Giantess, and there will be a good spring gilt of hers in the sale sired by Klever's Thicket. There will be a daughter of R's Claud in the sale with a litter of eight pigs, and the fall boars and spring boars, as well as the sows and gilts, are of decidedly a useful and money-making type. If our readers want this kind of profitable Poland Chinas it will pay them to be at the Pfander sale. Write for catalog and mention this paper.

SANDQUIST BROS.' POLANDS.

Messrs. Sandquist Bros., of Oakland, Neb., write as follows: "We have an excellent lot of Poland boars for sale. We still have ten fall boars sired by Dandy Chief 2d, a grandson of Chief Tecumseh 3d, and has for dam the great producing sow, Columbia 2d. Others are sired by King Lamplighter by Lamplighter, dam Proud Ethelyn by Proud Perfection, and the dams of these fall boars are daughters of such noted sires as Chief Tecumseh 3d, Kenyon's Medium, Best Price, etc. These are growthy, rangy fellows and will be sold very reasonably. One in particular is very good, having heavy bone and standing on his pins; is as good as any hog could be. He is sired by King Lamplighter and out of a Chief Tecumseh 3d sow. If not sold soon we may keep him for our own herd, as he is well worthy of doing service at the head of a good herd. Our Spring pigs are sired by Perfect Quality 36322, Nemo Perfection 35078, a son of the great double sweepstakes hog, G's Perfection, and still others by Mo's Top Chief, also one litter by the great Nemo L's Dude. Our herd hogs now are Perfect Quality 36322 by First Quality by Modern Perfection, dam Maud Perfection 3d by Highland Chief. Perfect Quality, we think, is all that his name implies, as we have yet to hear the first man to find fault with him. He is a large, heavy-boned hog, with two good ends and a good middle. Is very prolific and sires big, strong litters that always please the good hog men. And we expect to keep Perfect Quality at the head of our herd for some time yet, as one don't come across such boars every day. Our other herd boar is Mo's Top Chief 32191 by the great International champion, Top Chief, and for dam he has the fine brood sow, Hegley's Pride, sold to Mr. G. W. Null, of Odessa, Mo., for \$231. Grand Chief, the sire of Mogul, the sweepstakes hog at Nebraska State Fair, 1905, was also sired by Top Chief. Now, let us say a word or two about Mo's Top Chief. He was used in the herd of Mr. George Null

and he thought so much of him that he mated him with the great \$1,575 brood sow, Anderson's Model. This cross must have been good, for Mr. Null considered them \$1,000 hogs. And you know he is using a boar, Null's Top Chief, in service in his herd. Mo's Top Chief is a large hog, with much quality and bone, like a cow. And when it comes to judge him as a breeder he is great, and we think ourselves fortunate in possessing such a great sire. We think his get will be heard from at the fairs in another year. He is also a very prolific breeder and gets very large litters; have two fall litters by him so far with eleven pigs to the litter. Our Short-horns are doing well and a little later will have some fine bull calves to offer the readers of The Homestead. We now have the assurance of one of the best corn crops we ever raised; in fact, crops of all kinds have been good with us this season."

WATSON BROS.' DUROC JERSEY SALE.

On October 3d, at Creston, Iowa, will occur the fall sale of Messrs. Watson Bros., when they will sell forty-five head of the tops of their spring boars and gilts. This sale will be held in town and will be accessible to everybody, and nearly everybody will want to be there because they are selling some choice Durocs. They are selling fifteen spring hogs and twenty choice gilts. The rest will be matured sows with litters. They are now using at the head of their herd a boar called Echo by Decatur King by Echo King, and he has proven an excellent breeder. They have not much to offer by him, as he was used on all the sows in their spring sale. However, there will be a few hogs in the sale sired by him and a number of the gilts will be sired by Matchless Chief, formerly used at the head of their herd. Among the good things they will sell will be two gilts sired by the old, reliable Proud Advance, and one boar and two gilts by the prize-winning boar, Keep On. There will be two boars and one gilt by Addy's Choice Goods out of a sow called Topsy Jane. There will also be a few choice boars and gilts in the sale sired by Harding's Proud Advance. They are also putting in a line-bred Proud Advance boar and gilt that should make something good. In fact there will be some hogs and gilts in the Watson sale that are good enough to go anywhere. The sows will be sired by old Parnell Banner and Matchless Chief, and these will have litters at side by Echo. There will be some sows in the sale sired by a boar called Red Lack. The offering is a good one throughout and they never sent a better bunch of hogs through a sale ring. The boys would like to send you a catalog and will do so if you will only send them your name. Kindly write for one and then be present at their sale. Please mention The Homestead when writing. See page 39.

J. B. BROWN'S SHORT-HORNS.

For the second time we call attention to Mr. J. B. Brown's big sale of Scotch and Scotch-topped Short-horn cattle to be sold at his farm four miles from Solon, Iowa, on Thursday, October 4th, at which time Col. Griff Johnston will be called upon to part ownership with this choice bunch of Short-horn cattle, now the property of Mr. Brown. These cows included in this sale are bred largely to Golden Rod, a splendid Cruickshank bull sired by Imp. Golden Measure, a son of Golden Count and out of Imp. Mistletoe 5th, she by the great Scottish Archer. Golden Rod belongs to Mr. Cruickshank's famous Claret family. However, the imported cow to which Golden Rod traces is Imp. Columbia 2d, by the Duthie-bred bull, Banner Bearer. This is one of the best-bred Scotch bulls ever used by Mr. Brown and he has proven himself a breeder of more than ordinary merit. A splendid daughter of this bull will be found in Lot 1 of the catalog, Waveland Gwendoline; she is a three-year-old red cow out of the famous Gondola's Gift. She is exceptionally attractive at this time by having a bull calf at foot sired by Pride's Victor. Lot 2 is Waveland Lovely 4th; she is a daughter of the great Scotch bull, Sunrise, he by Sunset and he by Gaveston and out of Imp. Sunbeam, a Cruickshank Secret cow. This beautiful cow, Waveland Lovely 4th, is only four removes from Imp. Lovely 25th by General Windsor. The Lovelies are rated among Mr. Cruickshank's very best cattle. A plump among the Scotch females will be found in Lot 3, Waveland Louisa. She is by the famous bull, Golden Rod, and out of Louisa 3d, she by Sunset, tracing to Imp. Louisa by Nobleman. The Louisas are simply another name for the Miss Ramsdens, all founded on the same cow, Miss Ramsden, by Duke. This is a splendid cow in every respect and is one of the leading attractions of the sale. Another choice Scotch cow of the thick-fleshed variety is Waveland Acanthus, being Lot 4 of the catalog. She was sired by Prince Missie and traces directly to the Imp. Acanthus by Barmpton. This cow has in the top of her pedigree several of the most prominent Scotch bulls ever imported to America. A very attractive cow is Lot 5, Waveland Rose 2d. She is a daughter of Golden Rod and out of a dam by Prince Nonpareil. She belongs to the Scotch family of Raspberries. She has a good bull calf at foot dropped in July by Royal Victor, hence is one of the attractions of the sale. Lot 6 is almost a full sister in blood to the above cow, but is only a yearling, her sire being Golden Rod and her dam was by Royal Prince of Maine Valley; second dam by Imp. Confessor. Lot 7 is Orange Blossom 8th, a richly-bred Cruickshank Orange Blossom, tracing to Imp. Orange Blossom 18th by Viceroy.



AKIN HUSKER

Now, husk corn in comfort. Send 25c for the Akin Husker that fits the hand snug and solid. New adjustable peg is made of cold drawn steel and mounted with a spring.

NO BLISTERED HANDS and fingers. Relieves strain on wrist and hand. You can husk rapidly and easily. If your dealer hasn't it send 25c right off and learn how to enjoy husking more.

25c

Sent postpaid.

SMITH AND DAVIS
Box 2 - Ames, Ia.

This cow, however, has well down in her pedigree a Bates cross. Lot 3 is another of this same family sired by Sunrise. This heifer is a little too thin in flesh to bring her real worth, but is nevertheless a well-bred one. Aside from these Scotch cows are some splendid individuals that have been perpetuated on the farm for twenty years or more. Waveland Jubilee 6th is one of these and bids fair to be ranked as one of the best cows in the herd. In fact this may well be termed a breeder's herd, as the entire offering, aside from three head, have been bred on the farm. Some sample pedigrees will appear in next week's issue, which will convey a more intelligent idea of the breeding and blood lines of these cattle to be sold than can be done in a written article. In the meantime, application for catalogs should be made to Mr. J. B. Brown, of Solon, Iowa.

SOME GOOD CLINTON COUNTY, IOWA, SHORT-HORNS AT AUCTION.

On October 11th Messrs. Lanagan Bros., of Charlotte, Iowa, will hold a public sale of fifty-five select Short-horn cattle at their farm three miles east of Charlotte, and two miles from Lake. There will be twelve bulls in the consignment, including four sons of the great Imp. Merry Hampton. Two of the Merry Hampton bulls are consigned by Mr. Frank Hunter, of Creston, Iowa, who purchased the residue of Mr. James McLaughlin's herd when he sold Imp. Merry Hampton to the Illinois Agricultural College. Mr. Hunter sells a red son of Imp. Merry Hampton and out of an imported Scotch cow. Here is an opportunity for someone. The other Merry Hampton bull offered by Mr. Hunter is white, but is a very good young bull. Messrs. Lanagan Bros. are selling their show herd of 1906. They have met with signal success at Dubuque, Iowa, at Morrison, Ill., and at De Witt, Iowa, capturing a great majority of the first and second prizes at Dubuque and Morrison. At De Witt they won first and championship on cow; second on cow, Julia, included in the sale. Irish Girl won second in two-year-old class. Lake View Vaunesea, a beautiful red yearling, won first, as did Lake View Vaunesea 3d in heifer calf class. They are full sisters. Commodore Archer and Robin O'Day, two beautifully balanced red bull calves, have won first and second at all three of the fairs named. Among the twelve bulls to be sold are some extra good ones. The beautiful roan son of Imp. Merry Hampton is included, called Hampton's Lad. A number of the cows are bred to this bull. Others are bred to the Imp. Miss Ramsden bull, Royal Archer, the best sire ever used by this firm and a bull that will be retained in service as long as he is useful. This is a business lot of cattle, including heavy milkers and deep, thick-fleshed ones. Address Messrs. Lanagan Bros. for catalogs.

CEDAR COUNTY SHORT-HORNS.

Attention is again called to the splendid offering of Short-horn cattle offered by Mr. E. Cosgriff, of Clarence, Iowa, on Oct. 2d, at his farm two miles south of Clarence, at which time he will sell forty head of as good individual Short-horns as are likely to be sold in eastern Iowa this fall. Mr. Cosgriff opens the series of sales held in eastern Iowa and is followed on Oct. 4th by Mr. J. B. Brown, of Solon, Iowa, and on Oct. 5th by Mr. Geo. H. Burge, at Mt. Vernon, Iowa. In these three sales there will be something like 150 head of good cattle pass under the auctioneer's hammer. Mr. Cosgriff is the proud possessor of one of the best Scotch Short-horn bulls in Iowa. We refer to Victor Fashion 194906, a red bull calving June 10, 1901. He was sired by Double Victor, a Double Victoria bull, got by Victor's Lad and out of Victoria of Linnwood 3d, by Baron Gloster. Victor Fashion's dam belongs to the famous Cruickshank Acanthus family, tracing in direct line to Imp. Acanthus by Brampton (27763) 20239, being by the same sire as Imp. Spartan Hill, Baron Victor, Confessor and a host of other great Cruickshank bulls got by this famous sire. A good illustration of Victor Fashion appears in the sale catalog which will probably convey a better idea of this splendid bull than any pen picture that we might draw in this article. He is a low, thick, red bull of proper conformation and is a typical Short-horn in every sense of the word, and above all he is one of the most prepotent and impressive sires of which we have any knowledge. The bulls from this great sire are just like their old dad and can readily be picked by a novice in a bunch of bulls sired by other sires. A splendid bull has been secured from the Cookson Bros. to follow on Victor Fashion's heifers. This bull is Scottish Spartan, sired by Young Commodore and out of Pro. Brampton, Susau, by Pro. Brampton, she out of Spartan Susan, by Imp. Spartan Hero, her dam being Imp. Lady Susan by the Cruickshank bull, Balfour. The sire of this young bull, Young Commodore, is beyond question the best individual bull in the state of Iowa. He belongs to the Lady Fragrant family; he was got by Commodore, a bull bred by Mr. H. D. Parsons, sired by Imp. Bandmaster and out of Clementine Queen 3d, by Imp. Master of the Mint, she out of Imp. Clementine Queen by Gravesend. When it is considered that all of the females in the sale are bred to the above described bulls, it stands to reason that some good bargains are in store for the wise buyer. Mr. Cosgriff at this writing has just returned from the Cedar County Fair, held at Tipton, Iowa. At this fair he won first and sweepstakes over all bulls of any age or breed, and there were seven entries. He also had the sweepstakes herd with four herds competing. The yearling and two-year-old heifers shown in the herd are also included in the sale. The two-year-old is Sadie May. She was by Victor Fashion, and out of Mischief Maid, by Royal Chief. Royal Chief was a splendid Scotch bull by Royal Gloster, and out of Scottish Lady 5th, by Scottish King. The third sire being Duke of Clarence, by Royal Aberdeen. This is a splendid heifer with neat head, strong back and well-sprung ribs and is a show heifer beyond any question, as the results of the judges' decision at the Tipton fair well demonstrate. The other heifer which was a member of the sweepstakes herd, is Lady Ellen, also a daughter of Victor Fashion, her dam being Lulu, by Dauntless. We speak of these winnings, not in a spirit of boastfulness, but to bear out the statement previously made that Mr. Cosgriff's

herd, from an individual standpoint, was one of the good herds of Iowa. There can be no question of this when he enters his cattle for competition with four herds competing and carries off the highest honors possible with cattle all but one of his own breeding. We were much impressed recently in reviewing this herd to note the scale as well as the thick-fleshed qualities of Mr. Cosgriff's cattle. Also the heavy milking qualities of all cows that had calves at foot. Mr. Cosgriff finds no place for a Short-horn cow that will not rear her calf and do it well and at the same time get fat enough for export beef on his Iowa blue grass when dried off. This is an opportunity for the man in quest of useful, practical, rent-paying Short-horns, and he should keep this sale in mind.

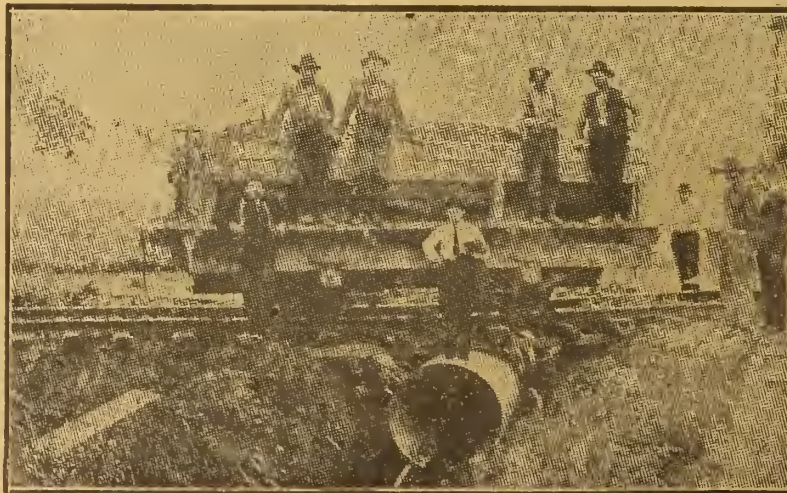
TURBETT'S POLAND CHINA SALE.

The forthcoming Poland China sale of Mr. Jas. B. Turbett, of Hanna City, Ill., contains a number of choicely-bred yearling fall and spring pigs of either sex, as well as a few extra good tried brood sows, five of which have litters to be sold with them. Mr. Turbett is also offering his herd boars for sale. Woodview Keep On is a son of the noted breeding boar, Master Keep On, he in turn sired by the International winner, Keep On. The dam of this boar is Rural Maid, she by King Perfection. Woodview Keep On is a smooth, growthy hog. Practically the entire lot of spring pigs are sired by him, thus affording those present sale day an opportunity to judge for themselves the manner in which he produces. This boar is sold for no fault, but simply because Mr. Turbett has a large percentage of his herd related to him. A yearling boar used to some extent in the herd is Meddler Boy 112745. His sire is the World's Fair boar, Meddler 99999, and his dam was Beauty Corrector 278060 by Corrector. In point of breeding and individuality this boar should suit the most discriminating buyer. As is the case with the older boar, a number of his



JAS. B. TURBETT, HANNA CITY, ILL.

get are included in the sale. Some breeder in search of an extra good herd boar will not be disappointed in the two mentioned above. Bell 226355 is a good two-year-old sow by Big Chief Perfection 2d 78111 by Chief Perfection 2d and out of Belle Corwin by Ideal Corwin. She will have a litter of pigs at side sale day, the get of Woodview Keep On. Another good sow with litter at side by same boar is Eden Belle 205178. She was sired by U. S. Perfection 65013 and her dam was Fancy Perfection by King Perfection 54843. A daughter of this sow, Eden Belle 2d, is also included in this sale. Five of her get go in the auction of spring farrow. Queen Keep On 281728 by Master Keep On is a fine brood sow. She is a half sister to Woodview Keep On and is fit for any company. The spring pigs



CORRUGATED METAL CULVERTS.

Every road supervisor should be interested in the new metal culverts that are now being manufactured by the Iowa Metal Corrugated Culvert Company with factories at Independence, Oskaloosa, Council Bluffs, Marshalltown, Ft. Dodge, Iowa, and Lyle, Minn. These culverts are the most practical and durable of anything that has ever been made for this purpose. They will hold up enormous weight, as is demonstrated by the illustration on this page. And then besides, they are not affected by heat and cold or moisture. They never need any repairing and floods cannot injure them. Their great strength is demonstrated by the corrugation, for each

corrugation is a perfect arch. They are not an experiment, but have been in use for many years and have been found to outwear every other material ever used for culvert purposes. The price is most reasonable and every man who has anything to do with country roads should certainly hail with delight a culvert that he knows will answer the purpose for which it is intended as long as he lives. These corrugated culverts are very popular wherever used and the county boards all over the state are investigating them. Write your nearest factory for catalog. The address of each factory is given in the advertisement on page 26 of this issue.

LIFELONG CURES BY A TRUE SPECIALIST



J. BOYD, M. D.

Dr. Boyd's Pelvic methods are your greatest hope for a complete cure, if you are afflicted with either BLOOD POISON, SKIN DISEASES, SORES, ULCERS, STRICTURE, VARICOCELE, HYDROCELE, NERVOUS DECLINE, PILES, FISTULA or any affection of the Kidneys, Bladder and Prostate. You are wasting money and endangering your health in treating with ordinary specialists. My systems of treatment have established their reliability by permanently curing cases that had been unsuccessfully treated by dozens of other physicians.

A SAFE CURE is what I will give you beyond doubt if your case is curable; if not, I will not accept your money and promise to do anything for you. The best reference I could give as to professional reliability is the many cured, satisfied patients I dismiss, and proves that my Pelvic Methods cure when others fail to even benefit.

Guarantee to Refund Money—No Chance to Lose If You Do Not Get Value Received.—My patients receive a written agreement that I shall return what they pay me for services if they do not receive a complete, permanent and satisfactory cure, and my guarantees are secured by a deposit of \$500 in the Century Savings Bank of Des Moines, Iowa. Consultation Free, Confidential and Invited, both at my office and by correspondence. My charges are reasonable, and I make terms that enable my patients to conveniently pay me. Do not treat elsewhere until you have investigated my methods and terms. Office hours during week, 9 a. m. to 8 p. m. Sundays, 10 to 1. Address or call on

J. BOYD, M. D., 505 Locust Street, Marquardt Block, Corner Fifth and Locust Streets, DES MOINES, IOWA

are a very uniform, growthy lot and a good herd boar or extra good young gilt can be selected from this lot without any trouble. Mr. Turbett will be pleased to send catalogs to those who are interested in Poland Chinas if they will write as per the advertisement on page 38 of this issue. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Turbett, will be properly handled. Please mention The Homestead when writing.

FINAL ANNOUNCEMENT OF PRAIRIE GLENN DUROC BOAR SALE, TUESDAY, SEPTEMBER 25TH.

Do not fail to attend the fall Duroc boar sale of Mr. A. L. Mossman, Radcliffe, Iowa, on Tuesday, September 25th. A splendid opportunity is offered here to secure sons of Tientsin, the sire of the first prize junior yearling sow at the Iowa State Fair this year. Breeders of Durocs know the one in mind, the sow that was a warm competitor of the champion sweepstakes winners. A representative of The Homestead was most royally entertained at Mr. Mossman's recently, not only in taking a substantial dinner, but he had a feast in looking over the boars that go in Mr. Mossman's sale. When sires like Tientsin and A. L.'s Advance are used in a herd they leave their stamp, and good individuals are sure to follow. There will be thirty-five head to go under the hammer, the greater portion of which are sired by the above boars. A number also included are sired by A. L.'s Chief and King Al, both excellent boars. In the catalog listed as No. 1, 2 and 3, are good specimens of what are to follow. These are sired by Tientsin 17261, by Tolstoy. There were thirteen in this litter, showing they came from prolific strains. No. 4, 5, 6 and 7, also out of a litter of ten, are sired by Tientsin, while 8, 9, 10, 11 and 12 are out of a litter of nine and sired by Radcliffe's Boy, by Tientsin. Here are five large, heavy-boned fall boars. There will be two in the sale by Chief Promoter 23313 by Topnotcher Again 10687 (A.) and out of a dam known as Malcolm's Cherry Blossom by Grainger, the sweepstakes boar at the Minnesota State Fair last year. These two boars offered are blue blooded on both sides. Three nice ones to go are by A. L.'s Chief 43327 (A.), and their dam being All Choice Again 126020, a first prize, six months old sow at the Hardin County Fair in 1905. Nos. 18 and 19 are also of the same breeding on the sire's side and out of Gold Choice 126018, by Tientsin. Gold Choice was second prize sow at Hardin County Fair in 1905 in six months class. Mention is also made here of No. 21 by Pleasant Hill Advance, and out of All Choice 2d 110172, the first prize sow in 1905 at Eldora, and the one that topped Mr. Mossman's sale in the early part of February, 1905. It has been noticeable

throughout the offering that litters in every instance were large, and it is believed that no sale this season will contain boars from such large litters. This spring Mr. Mossman's sows averaged ten pigs to the farrow. Now is the time to get blood from these prolific sows. An Ohio Chief boar of last March farrow, weighing nearly 200 pounds will be a special attraction to those desiring this breeding. Mr. Mossman will place him in if not sold before the sale, provided their is a demand for him. Breeders will do well to attend this sale, as it contains topsy stuff, all bred in the blue. Catalogs are now ready for distribution. Colonels McIlrath and O. L. Mossman will conduct the sale, and bids sent to them will be given fair treatment. Trains on Iowa Falls & Northern and Chicago & Northwestern will be met. Free dinner at the farm. Sale promptly at 1 p. m., Tuesday, September 25th. See sale announcement on page 35.

WAYSIDE SALE OF SHORT-HORNS.

This is our second attempt to call attention to the very choice string of Short-horn cattle that will be sold at Mt. Vernon, Iowa, October 5th, the property of Mr. George H. Burge. These cattle will be sold at Mr. Burge's farm, one mile south of Mt. Vernon. This is Mr. Burge's sixth annual sale and is unquestionably the choicest offering that he has ever made; in fact, it is considered by those in position to know the best offering of cattle ever made from Linn county. The offering includes Mr. Burge's show herd at Des Moines, with one or two exceptions, one of these being the herd bull, Money Musk, with which Mr. Burge secured second prize at the Iowa State Fair in the open class, the world competing. Money Musk was by Raphael and out of Missie's Queen by Commodore. Hence Money Musk is a Marr Missie and is only four removes from that grand cow, Imp. Missie 99th, by Elucationist. Raphael was by Victor Mysie 2d, dam Rosie Gem 5th by Cruickshank bull, Blue Valley Duke 3d. This is the greatest bull that Mr. Burge ever owned and he takes much comfort in the fact that he himself was the breeder of this great bull. The splendid show heifer exhibited at Des Moines, Floradora, Lot 1 of the sale catalog, is a daughter of this bull and is a splendid Scotch heifer, full of quality and show-yard character, her great thickness and substance being incorporated in her through the long line of splendid Scotch bulls and cows that appear in her pedigree. She herself is a Scotch heifer, tracing to Imp. Beauty 15th by Heir of Englishman. The sale catalog shows her list of winnings at Iowa, Nebraska and Sioux City fairs of 1904 and 1905. Lot 2 is a beautiful Scotch heifer, Louisa of Wayside 3d. She is a daughter of Acrobat and out of a daughter of Imp. Anchorite. Lot 3, Beauty of Wayside 3d, is a daughter of Money Musk out of Beauty of Wayside by that grand, thick-fleshed old bull, Orange Chief. She belongs to the famous prize-winning family of Nerissas, which in the hands of Mr. George Bothwell, H. D. Parsons and others, were such noted prize-winners. Lot 4 is a Booth Pauline called Lady Booth, her sire being Acrobat. Her dam, Hester 2d, was by Waverly, a bull bred by Colonel Harris and sired by the best bull ever used at Linnwood, Baron Lavender 2d. A splendid heifer will be found in Lot 5, Nonpareil of Wayside 3d. She, too, is sired by Acrobat and belongs to the Campbell Nonpareils. Lot 7 is of this same family, but is sired by Money Musk and is a splendid specimen of the Scotch Nonpareils. Lot 9, Rose Mary of Wayside, is also by Money Musk and out of Lassie of Maple, she by Field Marshal. This heifer belongs to the famous Cruickshank family of Rose Marys by Bread-albaine. A good Cruickshank Acorn is Princess of Wayside, Lot 10 of the catalog. She is a daughter of Money Musk and is one of the choicest-bred Cruickshank females to be found. Lot 13 is another of the Nerissas, sired by Raphael. Mr. Burge, in making this offering, has listed forty-four head of the best cattle that he has ever been able to place before the public. Included in the sale is the splendid show bull, The Trumpeter, a red bull calf dropped Dec. 5, 1905, got by Money Musk out of Nonpareil of Wayside 2d by Orange Chief, she out of Nonpareil of Meadow Lawn by Prince Nonpareil 2d. Her dam, Glen Nonpareil, was by Imp. Prince President and she out of Imp. Nonpareil 39th by Vermont, the last two bulls being bred by Mr. Amos Cruickshank at Sittytown. Lot 38 is Knuckle Duster, a son of Acrobat, and traces to Imp. Beauty 15th by Heir of Englishman. The remainder of the bulls are Scotch-topped, but are splendid individuals and worthy of consideration at the hands of intending purchasers. Mr. Burge's sale is the last of the circuit of Short-horn sales for that week and as the crowd is liable to get filled up on cattle before his sale day arrives, there will probably be some bargains in store for those who go to Mt. Vernon October 5th. Mr. Burge's sale catalog is now out and ready to mail. It should be

remembered that he is no novice in the Short-horn business and further that he is a self-made man, breeds, feeds, develops and exhibits his own cattle with his own hands, and is thoroughly practical in all the various lines of the Short-horn business. Mr. Burge was for a long time secretary of the Iowa Short-horn Breeders' Association, and did his work with much credit and dispatch. These cattle listed in this sale are practically all of his own breeding and no breeder in Iowa has a greater fixture of type than has Mr. Burge. He has a model in his mind after which the modern Short-horn should be fashioned and has striven for years to bring his herd up to his model, which is an ideal one. The great success which has crowned his efforts was thoroughly noticed by that late and lamented breeder, Mr. Martin Flynn, who said to the writer that Mr. George H. Burge was one of the young breeders of Short-horn cattle of Iowa with whom all the older breeders would be compelled to reckon. Said he, "When you see one of Mr. Burge's animals you can without difficulty pick out any number because the type and family characteristics are the same." Said Mr. Flynn, "I have known men who have bred cattle for forty years and never achieved anything like the success that this young and energetic breeder has in a half dozen years." The final details of this important sale will be found chronicled in our next issue.

LAST CALL FOR THE HATCHER-PFANDER-MCCLELLAND DUROC JERSEY SALE.

At Clarinda, Iowa, on September 27th, will again be held the sale of Messrs. H. H. Hatcher, Harry Pfander and W. W. McClelland. These well-known breeders of Page county always put up a good and useful offering of Duroc Jersey hogs at their annual sales. We will not attempt to say that they are putting up show stock for sale, but we will say that if a man wants a right good boar or a few choice gilts they will find them in this offering. Mr. Hatcher will sell fifteen head, all boars except one gilt. He puts in his first-prize litter at Shenandoah, sired by Hatcher's Marti, and they are good enough for anybody. He also puts in some good boars sired by Glendale Critic, Gem's Critic and Isaac's Prince. The Hatcher offering is good in color, very growthy, ample bone and are the best, taking them all in all, that he has ever sold from his herd. Mr. McClelland sells about the same number, all spring boars and gilts, except two sows with litters. One will have litter by Stout's Advance, the other by Golden King, a Watt & Foust-bred boar. He sells two spring boars sired by Improver II, and a number by Stout's Advancer. One of these is out of a daughter of Glendale Critic, another out of a daughter of old Orion and one, a very growthy fellow, is out of a daughter of Mogul by Tom Watson. He is a double-bred Top Notcher boar. All Mr. McClelland's gilts are sired by Perfection Chief, a son of Proud Advance. Mr. Harry Pfander's offering is sired by Red Knight, the Nebraska State Fair sweepstakes boar in 1905, Duroc Standard and Belle's Corn Cracker. He sells two good gilts sired by Duroc Standard and one sow, a daughter of Paddy Orion. The most of his boars are sired by Duroc Standard and Corn Cracker, and are well grown out and very good in color. In fact the offerings of the above three breeders are very uniform and they are selling a lot of excellent spring boars and some nice gilts. Those who cannot attend the sale should send a bid to Mr. E. Z. Russell, president of the National Duroc Jersey Association, who will be present at the sale. Write for catalog to any of the above breeders and kindly mention The Homestead.

C. F. HEWITT'S DISPERSION SALE OF ANGUS CATTLE.

Homestead readers will do well to bear in mind that on October 2d will occur the dispersion of Mr. C. F. Hewitt's choice herd of Aberdeen Angus cattle, at the new sale pavilion in Morning Sun, Iowa, commencing at 1 o'clock p. m. Mr. Hewitt has been many years in the business of breeding doddies and has found it profitable and pleasant. For various reasons beyond his control he finds it necessary at this time to disperse his entire herd. Mr. C. F. Hewitt is the senior member of the firm advertising as Messrs. Hewitt Bros. However, the herds of Messrs. C. F. and J. T. Hewitt have always been separate in ownership, as well as being kept on separate farms, the herd bulls alone being owned jointly. The junior member, Mr. J. T. Hewitt, will continue breeding Angus cattle. While the breeding of the cows in Mr. Hewitt's herd are possibly not of the most aristocratic families, yet from the standpoint of practical utility none are more valuable. During the years 1900, 1901 and 1902 the entire crop of bull calves reared by Mr. Hewitt sold for an average of \$100 each. A large per cent of the herd are of the rapid-breeding, heavy-milking Ruby family. They combine quality, size and thick-fleshed quality, of which few cattle can boast. Mr. C. F. Hewitt started eleven years ago with twelve breeding cows and from this little nucleus the herd has developed to its present proportions. These cows are styled Rubies or Brucehill Violets because they are direct descendants from Weetamoo and Weetamoo 2d and they of the Violet or Brucehill and she of Ruby or Campfield. Weetamoo's sire was Basuto, one of the greatest show bulls that the world has ever produced, he being a Blackbird bull. From this start, Mr. Hewitt used a grandly-bred Erica bull, Emperor of Estill, he by the 2d Mayor of Estill and he by the great Heather Lad 2d. Emperor of Estill had for a dam the splendid Erica cow, Erina 3d, her sire being Moss Creek Etouliam 2d, he by Etouliam and he in turn by Elko out of Eva. Hence he is a double-crossed Erica. Following this bull Mr. Hewitt secured from Mr. W. A. McHenry the splendid Blackbird bull, Barter. This bull is four years old, sired by the pride bull, Imp. Proteros, and out of the Blackbird cow, Blackbird of Denison 32d, she by McHenry King 2d, he by Heather Blackbird and he by Heather Lad 4th and out of Blackbird of Burlington 6th. Thus it will be seen that Barter is a richly-bred Blackbird and being sired by the imported Pride bull, Proteros, his breeding is all that could be exacted. Proteros' grandam is Pride of Dalraddy, she being a full sister to the dam of Prince Ito, the Highland champion which sold in America for \$9,100. Parties desiring more information concerning this dispersion

sale will receive the same by dropping a postal card to Mr. C. F. Hewitt, of Morning Sun, Iowa.

THE TIGHE-WALLACE DUROC JERSEY SALE.

At Wisner, Neb., on October 2d, in the new sale pavilion, will occur the Duroc Jersey boar sale of Mr. John Tighe, of Stanton, Neb., and Mr. Clarence Wallace, of Wisner, Neb. These two well-known breeders are putting in the pick of their fall and spring boars, and it is an offering that will strongly appeal to prospective boar buyers. Mr. Tighe's offering is composed solely of spring boars, except a couple of herd boars that he is selling. His spring boars—nineteen in all—are sired by Surprise Chip 37597, he by old Surprise, Belle's Echo Prince, Glendale Critic and Echo King. No. 3 of catalog is a big, rangy, March pig by Surprise Chip out of Topsy's Best by Data Raja Muda. The dam of this pig is a half sister to the dam of Red Knight, the Nebraska State Fair sweepstakes boar. This is a good colored pig and will make a good hog. Nos. 4 and 5 are by the same sire and are out of Belle of Pilger by Orion. The first of these two is a large, smooth, pig and should go to some good herd. They are full brothers to the highest-priced gilts in his last winter sale. No. 6 is out of Belle of the Valley by Proud Advance. He is not large, but is an easy-maturing pig, and short of leg. No. 7 and 8 are by Belle's Echo Prince, dam Molly Orion by Orion. Here are two good pigs of the Orion-Dandelion and Nebraska Belle blood. Their dam topped the Mihill sale last winter. There are two pigs in the sale by Glendale Critic, the noted show boar and sire of winners, and there are two boars in the sale by Echo King. Two other pigs are out of a Crimison Wonder sow. He also sells Surprise Chip, his herd boar, and Roh Rob, a son of Proud Advance. Mr. Wallace sells nine good strong fall boars, all sired by Col. Van Patton, and these all have good arched backs and have plenty of bone. These are all out of sows who carry the blood of the boars sired by Col. Van Patton, Billy K. II., great Jumbo Red. He sells fifteen spring Hamilton's Improver, Lady's St. Paul by old St. Paul, and Red Chief Protection by Red Chief I Am. These pigs are out of sows sired by Wallace's Jumbo Red, Medoc, Indicator and Red Chief Brown. Mr. Wallace is putting in an excellent lot of boars, and has been very careful to only select his best things for his sale. Seven of Mr. Wallace's fall boars are out of one of his best foundation sons, Pride of the Elkhorn, by Wallace's Jumbo Red. Mr. John O'Kane, of Bancroft, Neb., the man that breeds the prize-winning Short-horn bulls, comes up smiling in this sale with a half dozen boars sired by a son of old Duroc Challenger. All in all it is a good, useful offering, and there are many boars in this sale whose blood lines and individual merit well entitle them to go to the head of some good herd. Read the advertisement and write either Mr. Tighe, or Mr. Wallace for catalog and kindly mention The Homestead.

STATE CENTER SHORT-HORN BREEDERS' SALE.

On September 27th, at State Center, Iowa, will occur a prominent sale of Short-horn cattle by the State Center Short-horn Breeders' Association. The contributors are Messrs. P. A. Fricke, C. H. Fricke, F. E. Fricke, S. P. Gilton & Sons and other. The sale will be held at the farm of Mr. C. H. Fricke, four miles south of State Center, and a short distance from Rhodes, so that the sale can be reached easily either on the main line of the Chicago & Northwestern Railway or on the main line of the Chicago, Milwaukee & St. Paul. Mr. E. A. Fricke, the sale manager, will sell eight females, all Scotch topped, with as many as five good Scotch bulls on the tops of their pedigrees. Two of his females are bred to 2d Baron and the remainder to the splendid young Cruickshank Sweet Brier bull, Royal Knight. Mr. Fricke will also sell four bulls, including the splendid Scotch bull, Royal Aberdeen. This bull is by the Cruickshank bull, Glen Aberdeen 2d, a son of Imp. Aberdeen and out of Glen Yphan 7th by Royal Consul 2d. The dam of Royal Aberdeen is Queen Bessie by Victorious. She is out of Imp. Roan Bessie 2d by My Lord. Royal Aberdeen is a rich red roan, calved Sept. 3, 1905, and is probably the best Scotch bull that Messrs. Fricke Bros. have ever bred. While we have listed him as Mr. E. A. Fricke's bull, he is in reality owned by Messrs. Fricke Bros. It has never been their good fortune to be able to offer so good a Scotch bull to the public. They had contemplated sending this bull to the International stock show at Chicago, exhibit him and place him in the Short-horn sale at that point, but in order that this sale might be made the more attractive, they decided to list him and he is cataloged as Lot 11. Someone will find a good herd bull in this fellow and we trust that he will be appreciated sale day. We omitted to state that the other breeders contributing are Messrs. C. E. Klump, of Nevada, Iowa; G. T. Easton and A. F. Pike, of Rhodes, Iowa. Parties coming over the C. G. W. Ry. should leave the train at Mel-hourne, which is but three miles from Mr. C. H. Fricke's Even Park Stock Farm, at which place the sale will be held. Mr. C. H. Fricke sells six bulls, three of which are Scotch. One is a Butterfly, one an Orange Blossom and one an English Lady. The Orange Blossom is by Earl's Fame, he by Imp. Golden Fame. The English Lady bull is called English Count and is a very large and well-formed yearling by Scottish Count. Those in quest of good Scotch bulls will find the three consigned by Mr. C. H. Fricke to be the proper stamp and type. Mr. F. E. Fricke consigns five females and two bulls, three of his five females having calves at foot. Two of his yearling bulls are by 2d Baron and one by Oakland Cup. Messrs. Pierce Gilton & Sons sell two females, while Messrs. Klump, Easton and Pike furnish the remainder of the offering, which will number something over fifty head. It is a very practical, useful lot of cattle and is the natural accumulation of the various herds which they have selected to make their annual Short-horn breeders' sale from. It has been the custom of the State Center Short-horn breeders for a number of years to hold these annual festivities and in order to keep them up they sometimes have to draw some animals from their herds that they would far rather keep. The sale is very easily reached by being close to three main lines of railway, namely, the C. & N. W.,

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THE LAST CALL FOR THE RANKIN DUROC SALE.

At Carson, Iowa, on Sept. 23, 1906, Mr. W. A. Rankin will sell fifty head of richly-

bred Duroc Jerseys. Among these are boars by Ohio Chief, Glendale Critic and other great boars. It will be a good offering and it will be a well-bred offering. In a recent letter to The Homestead Mr. Rankin says: "There will be thirty-five boars—twenty-eight spring boars, five fall boars, one yearling and one two-year-old—nine spring gilts and six yearling sows. There will be two Ohio Chief boars, one that I had at Des

Molnes. His ears are coming down all right again and he has done well. The other is also a good pig. I will sell one boar pig sired by Glendale Critic. His dam is a granddaughter of Gold Dust Jim. He will make somebody a good boar. There will be fourteen sired by Miss Bob's Wonder, and there are several good ones among them. Three of these are out of a Gold Dust Jim sow, and she is a good one. One of the boar pigs I had up to Des Moines. Jim's Gold Dust will be represented in this sale by some big, growthy boars that will stretch out into big hogs. One yearling boar I got of Messrs. Geo. Briggs & Sons last fall. He was sired by Higgins' Model and is a good hog. There will be one two-year-old boar sired by Improver 2d that is a good hog and has sired me some good pigs. He is the sire of the gilt that Messrs. Manley & Co. gave \$150 for in my last winter sale. There will be nine spring gilts sired by Jim's Gold Dust, Miss Bob's Wonder and Higgins Jr., and there are some good prospects for brood sows among these. There will be six head of yearling sows. These are a little thin and all open. Two will have pigs with them. I want to call attention to Punch 2d that will have a litter of seven pigs with her. Here is something that will make the man money that gets her." Breeders should attend this sale, because Mr. Rankin will have some good boars and sows to offer. Some of these are good enough to head herds. Write for catalog and go to the sale.

JOHN HUGHS SELLS SHORT-HORNS.

Amidst the numerous sales of Short-horn cattle to be held this fall one of importance is that of Mr. John Hughs, of Belle Plaine, Iowa, who will sell at his farm, adjoining Belle Plaine, on October 6th, forty-three head of good, useful Short-horn cattle, including a liberal consignment of Scotch cattle. The offering is made up as follows: Eleven bulls, the remainder females. Included in the offering are eight splendid yearling heifers, twelve cows with calves at foot and everything offered is of the useful type. The heavy-milking quality of Mr. Hughs' Short-horns is one of the points to recommend them. Due care has been observed in building up a herd of cows that would each and every one rear her own calf abundantly, and where the cows have been milked they have shown themselves to be regular milkers. Mr. Hughs is also offering some exceptionally well-bred bulls, two of which are Scotch. He is selling one good Scotch three-year-old bull called Strawberry Lad 247700. His sire is Village Nonpareil and his dam that most excellent cow, Imp. Seeding Strawberry. This bull has been used with marked success, but can be spared and will be sold at whatever price the public sees fit to put on him. It might be observed at this juncture that Mr. John Hughs bred and sold to Professor Curtiss the present college herd bull that heads their most excellent herd of Short-horns. This is quite an honor to be able to breed a bull to fill the eye of so good a judge as Prof. C. F. Curtiss, and one that is deemed worthy to take a place at the head of the college herd. Mr. Hughs is selling a full brother to this calf out of Simplicity 4th. Simplicity 4th, it will be remembered, belongs to the famous Cruickshank Secret tribe, descending from the imported cow, Simplicity, for which Mr. C. W. Norton paid Mr. Luther Adams, at auction in his West Liberty sale of 1887, \$1,200, which was at that time the record price for a Cruickshank female. There are several of this family included in Mr. Hughs sale. Aside from the stock above mentioned are the following Scotch families to be included: Emma, Strawberry and Secret, and a choice lot of American-bred sorts, such as Young Mary, Rose of Sharon, Jubilee Gwynne, Zella, Iantha, Adelaide, etc. Mr. Hughs is making an offering of Short-horns that is well worthy the attention of the breeders of Iowa and the middle West and as his sale is sandwiched between so many other important sales, it is altogether probable that some bargains will be in store for the wise buyer who attends this sale. The catalog will be ready by the time this article is read and will be sent free upon application to Mr. John Hughs, Belle Plaine, Iowa, mentioning The Homestead. See page 38.

CRAVER'S DUROC JERSEY SALE—LAST CALL.

Again we wish to call the attention of our readers to the Duroc Jersey sale of Messrs. W. A. Craver & Son, of Fillmore, Ind., which will be held on Wednesday, September 26th. The offering is composed of sixteen extra good fall yearlings, thirty spring gilts, six yearling boars and twenty head of spring boars, many of them sired by Messrs. Craver's herd boar, One Such, a brother in blood to Hanley, the double first-prize winner at Ohio and Indiana State Fairs last year and the property of Messrs. McNeil Bros., of Bowen, Ill. Very few sales are held in which a better lot of gilts are included. The fall sows and yearling sows are large, smooth and growthy. They are in prime condition for breeders to secure to breed to their own boars, thus giving new blood for the next season's trade. The writer, representing The Homestead, is pleased to recommend this sale consignment to readers of The Homestead. A litter of six fall sows sired by One Such and out of Ripley Queen 4th, she by the noted boar, Sure Winner, now owned by Messrs. Arch Brown & Sons, of Waterloo, Neb., are fit to go into any herd. They are of show-yard type and conformation and contain the blood of some of the best breeding boars as are found in the East. A spring litter out of same sow by One Such cannot help but please discriminating buyers. Another litter of practically the same breeding is out of Elsie Winner 11. 33900, she by Sure Winner. There are five sows and one boar in this litter and they were farrowed Sept. 25, 1905. A litter by High Notcher, he by Top Notcher Again, a World's Fair winner and producer of much good stock, is out of Cordelia 30318 by King Watt's Last 10053. This litter consists of five sows and one boar of September, 1905, farrowed. This litter has the growth, quality and style which predominate throughout the en-

tire offering and should not be overlooked by discriminating buyers. The boar in this litter was a prize winner at the Indiana State Fair this year and should go to head some good herd. The spring pigs are an unusually uniform lot and will do to go into good herds. Messrs. Craver won nine firsts and four seconds at Crawfordsville, Ind., this year; all firsts at Shelbyville, Ind., and were successful at the Indiana State Fair as well. They will be pleased to send catalogs to readers of The Homestead and if any breeder cannot be present sale day bids sent to Mr. D. M. Pierce, in care of Messrs. Craver, will be properly handled. See advertisement on page 39 and plan to be present in person or represented at this important sale. Mention The Homestead when writing.

LAND TO EXCHANGE.

Mr. T. E. Laurence, of Portsmouth, Iowa, announces on page 22 that he will exchange a quarter section of land in Sargent county, North Dakota, for good registered cattle.

LAST CALL FOR GARRETT & SONS'

GREAT SALE OF POLAND CHINAS.

When the breeders and the farmers interested in the Poland China hogs have gathered at Messrs. W. T. Garrett & Sons' farm, near Maryville, Mo., on Next Tuesday, September 25th, to attend their sale, we predict that without a dissenting voice they will pronounce the Garrett offering the greatest in point of size, individual excellence and quality that they have seen in some time past. The writer has just received a catalog of the sale. It is such a catalog as should be in the hands of every breeder. The illustrations, thirteen in number, are of hogs that go in the sale and of breeding stock that is now in service at Messrs. Garrett & Sons' farm, or hogs that have been used within the past few years. The illustrations of those that go into the sale are but fair samples of what the entire offering will be found; in fact, when we visited the herd recently and were shown the individuals that had been sketched, it was our opinion that the best individuals had not been used as subjects. The attractions throughout the offering are numerous and the buyers of either boars or sows will find that he has no easy task to select the best. Last week we spoke of the great sow, Miss Allerton 65230 and of her two sons and her six daughters that go in the sale. Breeders who want a profitable proven brood sow should remember Miss Allerton. Should you fall on her, remember the six daughters are her equal as individuals and promise to make as good brood sows. These and the two boars are of fall farrow and got by the late I Am Sunshine. Another pair of fall boars are sons of Proud Monarch, one out of Royal Perfection, an Allerton-Tecumseh sow, the other out of Flossy Perfection, got by Nodaway Perfection and out of Fossy, a daughter of the great Doyle's Tecumseh. Here, too, is a pair of boars that should appeal to the more critical buyer. Each has a sister in the sale and they, too, should find good homes. Three daughters of Rose Ruby will be found just as good as is found in Messrs. Garrett & Sons' herd. They were got by Proud Monarch. Their dam, Rose Ruby, was got by Allerton's Tecumseh and out of Ruby's Rose by Royal Osgood and out of Rose Glen by Chief Tecumseh 2d. Nothing better will be found this year. Plenty of other good ones are listed among these fall sows. In spring boars and gilts Messrs. Garrett & Sons have a great lot listed. They, too, are from Allerton-Tecumseh sows and the man who looks for size, quality and good bone will miss it if he is not on hand next Tuesday when Messrs. Duncan Bros. start the sale. See page 34 for the last announcement of this sale and if you have not yet received a catalog just get on the train and go to the sale, as the hogs are there, the breeding is right and Messrs. Garrett & Sons will appreciate your attendance.

THE LAST CALL FOR THE PETERSON BROS. SHORT-HORN SALE.

In previous issues we have called the attention of our readers to the dispersion sale of Messrs. Peterson Bros., which takes place at Lamoni, Iowa, on September 27th, and we again repeat that here will be a splendid place to get some well-bred Short-horn cattle. In the bull offering in this sale will be their two herd bulls. One of these is Gay Hampton 212202, a son of the great Hampton's Best, considered the greatest son of Imp. Merry Hampton, and his dam is a daughter of the Harris-bred bull, Gay Lad-die, a son of the well-known Galahad. This bull is a red in color and is one of the very good sons of this famous sire. He has been a good breeder and had it not been that they are selling out he would not leave the farm at any price. His calves in the sale will show what he is as a breeder. The other bull is Fairholm Jewell 228970, a pure Bates, and as well-bred a Bates as has ever gone through a sale ring. As a breeder they consider this bull one of the best that they have ever had in their herd. His calves this year are doing well and they prize this bull very highly. Among the females are some richly-bred Scotch cows and some of these have cost them considerable money. Imp. Crescent 8th is a Marr-bred cow and was imported by Mr. W. D. Platt. Her sire was Prince of Fashion, a son of the noted bull, Scottish Archer, and her dam was sired by the well-known bull, Sovereign, also bred by Cruickshank. This cow is a good breeder and some of her heifers will be included in the sale. Imp. Princess Fame, another imported Scotch cow, also goes in and she will also have a daughter in the sale sired by the Scotch bull, Stakeholder. There are some very excellent Scotch-topped cows in this sale of the Young Mary, Young Phyllis and Rose of Sharon families. There are also some well-bred Bates cows and heifers to be sold in this sale and we doubt if any sale of the year can show any Bates pedigrees that are any better than what the boys will offer in this sale. No. 33 of catalog is Tulip, a straight Bates cow, and she is suckling one of the best calves in the sale. This cow is an extra heavy milker, as is also Lady Sharon of El Maiz. They say of this cow that she is one of the best breeders they have in the herd. Many of these cows are of the milking strain and they always raise good calves. There will be an excellent bunch of heifers in the sale, of uniform type and color. They also sell a good bunch of young bulls. Gay Hampton will weigh over a ton, and Fairholm Jewell will tip the scales at 2,500 when matured. If any of our readers are looking for Scotch cattle, or Scotch-topped and pure Bates cat-

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401 Walnut St., DES MOINES, IOWA.

tle, here will be a good place to get them. Write for catalog and go to the sale. Kindly mention The Homestead when writing.

NEVIUS' SHORT-HORNS AT OTTAWA, KAN., FAIR.

Under date of September 8th Mr. C. S. Nevius, of Chiles, Kan., writes of the first show in which his Short-horns competed this year. "We made the show at Ottawa, Kan., this week. They had a grand fair, a fine lot of cattle, a number looking like the American Royal kind. This was especially so in yearling heifer, heifer calf and champion female classes. Mr. H. C. Duncan, of Osborn, Mo., tied the ribbons to the entire satisfaction of all. In aged bull class we landed first with Prince Payonia 207316, Mr. O. O. Wolf won second on Wanderer. In two-year-old class for bulls Mr. Wolf won first and in yearling class he again won first with Mr. Perkins second. In bull calf class Mr. Wolf again won first and second. We had no entries in these classes. In aged cow class we won first on Lovely Princess. In two-year-old heifer class Mr. Stratton won first and we second on Victor's Rose. In yearling heifer class Mr. Wolf again won first on Scotch Josephine; we won second on Knight's Luster. In heifer calf class we won first on Secret Knight. We also won championship on female, Lovely Princess. Our next show will be at Hutchinson, Kan. Our stock at home is doing fine and we have some choice bulls ready for service."

WOOLLESS SHEEP.

The following from the American Agriculturist will interest sheep breeders: "If found practicable and economical, a breed of woolless sheep will be introduced into the United States. On a farm maintained by the bureau of animal industry, near Bethesda, Md., is a small flock of woolless sheep that was brought from the West Indies last summer by the bureau of animal industry. It is hoped these sheep may prove valuable for mutton-raising purposes in the extreme southern parts of the United States, where heavily woolled sheep often suffer on account of excess fleece. The attention of the department was called to these woolless sheep by Sir Daniel Morris, imperial agricultural commissioner for the West Indies. In 1903 he visited Washington and told of the animals, which are greatly esteemed in the Barbadoes for mutton. It is thought the woolless sheep are of African origin. They are medium-sized, upstanding, practically without wool and hornless, or nearly so. In general appearance they somewhat resemble at a distance diminutive hornless Jersey cattle or deer, the color being exactly the shades of fawn seen in Jerseys. The sheep are decidedly "leggy," but have fairly deep bodies and quite well-sprung ribs. They appear to be hardy and of good constitution. There is fair width

of back and loin, but a very deficient hind quarters. The rump is quite steep from the hips to the tailhead and the tail is set very low. The thighs are "cat-hammed;" there is little rotundity of buttocks, very little depth of twist, and the flesh is not carried down on the hocks as one sees in the best mutton breeds. The sheep are active and lively. Ears are somewhat large and drooping, much like those of a Suffolk or Hampshire. There is also a slight tendency to a Roman nose, especially in the buck. The ears are peculiarly marked with a light fawn-colored line close to the outside edge, and extending about two-thirds of the way around. They generally have black hairs among the fawn-colored sheep on the outside and a few fawn-colored hairs near the head on the inside. The body is covered with a thick, pliable and generally soft skin, which carries an abundant coat of coarse hair. The hair seems coarser on the light-colored sheep than on the darker ones. In three of the ewes there are traces of wool. One shows white wool fibered over the tops of the shoulders, over the crops and upper ribs and extending about half way over the back. The second shows the same tendency, but with a more limited area. The third shows brown wool fibers on the back and outside of the hind quarter, about half way between the hock and the point of the buttock. The hair always lengthens in this part in all specimens. The buck has a decided beard, which extends from the angle of the jaws almost to the brisket. The color of the beard is black, with a few brown hairs. The hair fibers are about three-fourths of an inch long over the most of the body, increasing in length on the back of the hind quarters to as much as one and one-half inches. Where wool is present it is longer than the hair. The sheep are said to be very hardy and in dry districts are profitable. They are not kept in large flocks on the island of Barbadoes, but according to authorities nearly every peasant proprietor in the drier districts around the coast has a few head. They are tethered to a peg while pasturing during the day and are placed under cover at night. It is stated their habits are very much like those of the goat, as they browse to a considerable extent and are thus very easy keepers. These recommendations seemed to indicate that the introduction of this breed might prove useful to the farmers of states in the extreme South. However, the department will thoroughly investigate the breed's worth."

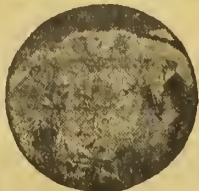
TO LATE TO CLASIFY.

30 CHESTER WHITE BOARS 30

An extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa. A. A. ROGERS, Owner.

Annual Offering of **HEREFORD CATTLE** At Steward, Ill.,

**Wednesday,
October 3rd**



**Wednesday,
October 3rd**

60 HEAD--45 FEMALES--15 BULLS

We will present for public appraisal the best lot of Hereford cattle we have ever offered. Breeding cows safe in calf or with calf at foot, heifers safe in calf and a cracking good lot of young bulls. The cattle are from the herds of W. E. Hemenway & Son, Morris Cook and J. M. Grimes, and are a strictly good lot and fully guaranteed in every way. A large number will be the get of the International winners, Masquerader and Disturber. Catalogs on application if you mention this paper.

W. E. Hemenway & Son, Steward, Ill. Cols. R. E. Edmonson, Carey M. Jones and C. E. Gardner, Auctioneers.

PUBLIC SALE of Burr Oak Poland Chinas Oct. 8 at Burr Oak Farm, Monday, Oct. 8

40 Head. Seven fall boars, five spring boars, seven mature sows with fall litters, three fall gilts, eighteen spring gilts.

These are the get of Fillmore 29736, got by Chief Tecumseh 3d, and Oak Post 34462, a grandson of Harry Wilkes. The blood of the Tecumseh, Wilkes, Perfection, Black Chief and U. S. predominates. Burr Oak Farm is four miles northwest of Fillmore and about eight miles from Maitland or Nodaway on Burlington Ry., or Rosendale and Savannah on Great Western Ry. If you want the big kind with quality, come and see me. Catalogs sent on request. Address,

JOHN TUTTLE, FILLMORE, MO. J. West Jones, Auctioneer.

TOO LATE TO CLASSIFY.

EDGEWOOD HERD DUROCS.

FOR sale, 75 good spring pigs, by Arlon, Jun for Jim, Walter G. and others, out of sows by Golden Perfection, Alex Advance, carrying the blood of Proud Advance, Ben Hur H. and others. Edgewood Chief, an Orion hog by Arlon, heads herd. What do you want? Write R. C. Poston, Corydon, Iowa.

FOR SALE.

THE great show and breeding boar, Onward 102447. Also a few extra good, large boars of fall and spring farrow. They will be priced right. Call on or write

OSBORNE BROS., OSBORNE, IOWA.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

L'S SUNSHINE 37308.

SECOND prize yearling Duroc boar at Sioux City, S heads my herd, assisted by Onward 108001, a son of Keep On. I have a few choice Poland China boars for sale.

A. C. LANHAM, BATTLE CREEK, IOWA.

FOUR or five competent Scandinavian girls can find good, permanent places to work in nice homes in beautiful Palo Alto, Cal. Address, P.O. Box 913. E. R. Smith, San Francisco, Cal.

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy.

V. A. LATHROP, MARION, IOWA.

EVERGREEN CHESTER WHITES. BRED right and fed right. Prices will surprise you. Try me. E. J. Trumbauer, Patterson, Ia.

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

VERY LOW RATES TO A-SAR-BEN FESTIVITIES AT OMAHA, NEB., Via the North-Western Line. Excursion tickets will be sold October 2d to 6th, inclusive, limited to return until October 8th, inclusive. Apply to agents Chicago & North-Western R'y.

W. C. Smith

OF

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I HAVE some good Aberdeen Angus males and females for sale of the following families: Princes, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

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Seventh Term opens Nov. 19th. The school now gives its students the advantages of the greatest auction and live stock market of the world at no added expense. Free catalog. Carey M. Jones, Pres.

30 DUROC JERSEY BOARS 30

SURED by Duke of Ohio 39529, Geo. Hur 40551 Alfonso, 40849, and by a son of Crimson Wonder. Pigs by Ulster Chief 11425. Low prices for the quality.

M. M. ELMENDORF, LACONA, IA.

I WILL SELL

AT my farm 2 1/2 miles northeast of Newton, Ia., on October 8th, 22 head of registered Short-horn cattle: 11 bulls, 11 cows and heifers. Also 20 head of high grade Short-horns: 15 cows and heifers and 5 steers. Address, for catalog,

GEO. HANS, NEWTON, IOWA.

35 DUROC JERSEY BOARS, sired by Bar None 35 3024, Bar None 2d, Grant Hero and Critic's Echo, out of Gold Dust Jim, Surprise and Glendale Chief sows. I only ship the best. Carl Hansen, Herman, Neb.

Two Great Ohio Chief Sales

CARSON, IOWA, OCTOBER 3-4, 1906.

...45 HEAD...

**35 Head of Very Choice Boars.
10 Head Spring and Fall Gilts.**

Sired by such noted boars as OHIO CHIEF, Orion, Proud Advance, BRIGHTON WONDER and BELLE'S PERFECT KING.

Proud Lady, the \$1,275 sow, has four boars in the sale sired by the great Orion.

Queen Perfection has four boars sired by Proud Advance.

Lady Chief has six boars in the sale sired by Ohio Chief, and Proud Perfection is the dam of two of the best Ohio Chief boars in the sale.

Am only putting in the "tops." Hotel accommodations. Be with us on sale day. Catalog ready. Write for it.

R. J. Harding, Macedonia, Ia.

Col. Luther, Auctioneer.

Nebraska Belle, the great sweepstakes sow, has one boar in the sale sired by Ohio Chief.

...45 HEAD...

30 Head boars, 10 spring and fall gilts, yearling and aged

SOWS.

I am putting in my very best spring and fall boars, sired by Ohio Chief, Indicator, Briggs' Prince and Miss Bob's Wonder. There will be eight Ohio Chief boars in my sale.

Three yearling sows bred to Ohio Chief.

One aged sow bred to Ohio Chief.

Two choice Ohio Chief gilts.

One indicator sow will have a litter by Ohio Chief.

Young Anna, an Orion-bred sow, will be bred to Ohio Chief.

If you want the blood of the winners, then arrange to be with us. Catalogs now ready. Address,

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Col. Luther, Auctioneer.

I will hold my sale at Carson, Iowa, the day following the Harding sale.

Rood-Fessenmeyer "Big Poland China" Sale

Clarinda, Iowa, Saturday, September 29th.

50 HEAD---25 Boars---25 Sows---The pick of our two 50
Herds of Fall and Spring Farrow.

The originators of the **Giantess Blood** The famous big strain.

There will be several sons and daughters of Old Giantess in the sale, also several grandsons and granddaughters of the famous old brood sow. Some good matured sows and an excellent lot of fall gilts. Write for catalog to either one of us. Address

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H. S. DUNCAN, AUCTIONEER.

Maple Grove Short-horns

AT AUCTION

.... Saturday, October 6th, at Lafayette, Illinois

45 HEAD---35 Cows and Heifers, 10 Bulls.

A very nice lot of heifers by Baron's Champion, one of the best sons of Baron Gloster, should prove valuable additions to Short-horn herds.

I am offering for sale my two herd bulls, Baron's Champion and Gwendoline Victor, both Scotch bulls of exceptional merit. Gwendoline Victor was a winner at world's fair and International, and was the highest-priced short-horn bull sold at 1904 International. A number of the cows have calves at foot or are safe in calf to above-named bulls. Write for catalog, mentioning Homestead.

A. M. Janes, - Lafayette, Ill.

GEO. P. BELLWS, AUCTIONEER.

The Tighe-Wallace Duroc Jersey Boar Sale

Wisner, Neb., Oct. 2, '06. 50 Head. The "tops" of these two herds. A grand lot of fall and spring boars in our sale. 50

JOHN TIGHE'S OFFERING: Twenty-one March and April boars sired by Surprise Chip 37597, Glendale Critic 33293, Echo King, Belle's Echo Prince and Crimson Tom, out of Orion, Proud Advance, Malcolm's Model and Crimson Wonder sows. They are a splendid lot of stretchy, good-boned and growthy boars.

CLARENCE WALLACE'S OFFERING: Nine fall boars, good-backed and big-boned fellows, all sired by Col. Van Patten 37523 by Van's Perfection. These are mostly out of Jumbo Red strain of sows. Fifteen top-spring boars by Col. Van Patten, Billy K. Jr., Hamilton's Improver, Red Chief Protection and other good boars. These are out of sows carrying the blood of Red Chief I Am, Indicator and Jumbo Red.

JOHN O'KANE, Bancroft, Neb., puts in a few choice spring boars sired by a son of old Duroc Challenger. For catalog address,

John Tighe, Stanton, Neb. Clarence Wallace, Wisner, Neb.

Col. J. L. Luther, Auctioneer.

HORSES.

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HAVING concluded a change in placing stallions before the public on account of the unsatisfactory business methods by the so-called salesmen, we will sell entirely from the barns. Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and the great expense of selling also the unsatisfactory manner in which sales have been conducted. The long time notes, from three to five years have to be discounted enormously or carried by the seller making the cost of the stallions to the buyers or the companies from \$2,500 to \$4,000. Our desire now is to sell our entire STUD at our barns in Kansas, Pullman, Washington, and at our headquarters at Wenona, Illinois.

From \$800 to \$1,800 Good American Bred Stallions from \$800 to \$1,000
First Class Imported Stallions from \$1,200 to \$1,600
Choice \$1,800

THESE are the prices at our barns in Kansas and Illinois. Prices at the Great Western Barns, apply to M. C. Grey, Pullman, Washington. We ask all intending purchasers to visit our stables where we have over 300 head of stallions to select from and do not be misled by the so-called salesmen who have been the cause of the unsatisfactory business done in the stallion trade to the buyer as well as the seller. We have told you of our change of selling stallions, now we will tell you what we have on hand, SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS, over 800 of the BEST. We will show at Springfield, Ill., SIXTY HEAD and at Hutchinson, Kan., of which THIRTY HEAD will be two-year old PERCHERONS and we know no one on earth can show colts of such size, weighing now after just landing over 1,800 pounds each. Come to Wenona and deal with BOB BURGESS who has been in the business over 32 years, longer than any one man in the stallion business and we guarantee to make every deal satisfactory to you and save you from \$1,000 to \$1,500 by dealing with us. Get your guarantee and insurance direct from headquarters. Visit our barns, see our exhibits at the different state fairs and see the class of horses we are selling for the money. The reason that we ask the above of you is that BOB BURGESS is the oldest importer in the business, the largest importer and have the quality of stock that will suit the people, perfectly good for their guarantees and will sell to you cheaper than anyone in the business. COME TO THE BARN AND GET THE MOST REASONABLE TERMS THAT CAN BE OFFERED.

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HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

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JERSEY CATTLE.

JERSEY CATTLE

DESIRABLE YOUNG BULLS

NOT by Emanon, champion at Sioux City, Iowa; The National at Chicago in 1905 and at the Iowa State Fair, 1906. These are from imported and St. Lambert cows. Write now if you want butter-bred Jerseys.

HUNTER & SMITH, BEATRICE, NEB.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jani and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 1906, Lowlander 21880 and Newton Hero 48150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

Seeley Daddies

BLACKBIRD to the first prize yearling bull at the World's Fair heads the herd, composed of the best families of the breed. We invite you to see them on Springfield Stock Farm joining this city.

W. B. SEELEY, Mount Pleasant, Iowa.

IOWA ABERDEEN ANGUS CATTLE.

IF Iowa farmers want Iowa grown Aberdeen Angus bulls, 12 months old, we have them at farmers' prices. Ten good ones. Pride, Queen Mother, Favorite, etc. Our herd bull, Proud Blackcap 39946, a Blackbird topped Pride, 6 years old, cannot use him any longer. Will sell some choice cows and heifers cheap. Twenty years breeders of Daddies.

ALLEN BROS., NEW SHARON, IOWA.

12 Head Aberdeen Angus Bulls For Sale
Of the Blackbird, K. Pride, Trojan Erica and Queen Mother families ready for service. Will be priced right. Herd headed by Prince of Pilsen 59249, weighing 2020 lbs. and as active as a cat, sired by Craue-wood Black Knight 39477, sold at the Miller sale for \$2,000. Address, **WHITE BROS., PERRY, IOWA.**

FOR SALE

ABERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address,

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Pleasant Hill Herd of Aberdeen Angus. STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275. J. Nissen, Meservey, Cerro Gordo County, Iowa

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I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.
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1ST prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull.

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I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Java. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

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WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

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REGISTERED HEREFORDS!**
B. F. CLARK, ALBIA, IOWA.

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Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

Wheeler's Table Backed Herefords
BULLS, cows and heifers for sale. Poland China and Duroc Jersey males and females for sale. Prices low, try me.

W. W. Wheeler, Box H, Harlan, Iowa.

FOR SALE CHEAP

MY four-year-old Imp. Hereford bull, Royal Lad, No. 145066. Cannot use him longer. Large, gentle, sure. Also young recorded bulls and Poland China male pigs. Write or call. Box 27, Route 1.

A. M. STINE, ADEL, IOWA

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evert, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Leoux, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address,

G. W. Sharp, Marble Rock, Iowa.

POLLED DURHAM CATTLE.

F. A. MURRAY, MASON, ILL.

BREEDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for Sale.

GALLOWAY CATTLE.

PURE BRED GALLOWAY CATTLE

FOR SALE. 8 Bulls, 6 Cows and 3 Heifers, at prices that will make them move. Write to

S. D. Miller, Wellman, Ia.

SHORT-HORN CATTLE.

EVERDALE HERDS AND FLOCKS.

SHORT-HORNS, Shropshires, Durocs, bulls, boars and bucks for sale. Good ones and priced right.

A. M. AVERY & SONS, MASON CITY, IA.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

When writing please mention this paper.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horns. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

INDIVIDUAL EXCELLENCE THE STANDARD. LYNDALE SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion by 1 Am Sunshine and out of an Allerton Technisch sow. Females strong in the blood of Wilkes and Tecumseh. Some extremely good strong fall males for sale. Plenty of size and quality.

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EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. S. Prince Oederic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

N. P. HALGREN, VINTON, BENTON CO., IOWA.

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight, X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Thru five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER, Kalona and Wellman, Iowa.

Bargains in Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

BLUFFVIEW SHORT-HORNS

TWO straight Scotch bulls for sale; one four years old, by Imp. Red Light out of an imported cow. The other will be one year old in August, a Brawith Bud. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Scotch Bulls

Got by Imp. Mutineer 172547

A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 167th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

A. C. BERRY, UNIONVILLE, MO.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE

SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Montrail 2d, the noted Michael bull. This bull is one of the best we ever raised and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to breed Sittytown Sort heifers which are an exceptional lot. Address,

G. P. Tyrrell & Son, Oxford Junction, Iowa.

Short-horn Bulls.

7 CHOICELY bred individuals from 11 to 15 months old, good families. Three Nerissas, 5 of these by Royal Lavender 2d, my 2200 lb. bull, also one toppy youngster 22 months, by Knight of Wildwood. Ought to head a good herd. Write me or call.

F. H. WIENEKE, Marion, Iowa.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 208904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

G. W. DAVIS & SON, HARIAN, IOWA

SHORT-HORN CATTLE.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All bred. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

4 Good Young Short-horn Bulls For Sale.

Sired by Victor Muple 203379 he by Grand S Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

BARON FOXGLOVE FOR SALE.

I WILL sell at a bargain the superb 2-year-old Scotch herd bull Baron Foxglove. Sired by Imp. Fancy's Pride. Dam Cherry Foxglove. He is very smooth and in thin breeding form weighs 1,500 lbs. He is of the Cruickshank Brawith Bud family.

E. R. Silliman, Colo, Ia.

WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov- at Champion (157617), the great bull used so successfully by Mr. Dutlie of Scotland, and afterwards placed at the head of the Chrysal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address,

Flynn Farm Co., R. R. 5, Des Moines, Ia.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127282. Cattle are right; prices are right. Address as above mentioning The Homestead.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4
ALL OVER 1 YEAR OLD. 1 SCOTCH BULL,
3 SCOTCH-TOPPED.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149590 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.

J. D. McDERMOTT, ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and mules, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

C. F. Robe, Jesup, Iowa.

WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, Fairfax, Ia.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordon & Dunn, Central City, Ia. Maine Valley Stock Farm.

WOODLAND SHORT-HORNS

DISPERSION SALE

October 18th, at Washington Court House, Ohio. Write for catalogs to

W. I. WOOD, Williamsport, Ohio.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, ILL.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, Iowa.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

GEO. BONEWELL, GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

Wildwood Short - Horns

ALL REDS AND DEHORNED

SCOTCH and SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

HENRY MATERN, LOSTANT, ILL.

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Wimple Royal 241400, heads the herd. Would exchange him for a suitable bull to head herd. Address,

M. D. YARD, CRAWFORDSVILLE, IA.

BARGAIN in Short-horn cows and heifers with calves at side by D. S. P. Durham bull. Few P. D. Heifers 12 to 15 mo.; cheap; will be bred to one of the best P. D. bulls in the United States. Choice Poland China boars. Two miles northeast of city, Jersey Ridge Road. P. S. & S. Barr, Box H, R. R. 4, Davenport, Iowa.

SHORT-HORN CATTLE-DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

Pleasant Dale Stock Farm.

GEO. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 28, 1906, at farm.

GARRETT & SONS'

POLAND CHINA SALE

AT FARM NEAR

Maryville, Mo., Tuesday, September 25th

4 Fall Boars. 15 Fall Gilts. 21 Spring Boars. 20 Spring Gilts' and the Great Brood Sow, Miss Allerton 65280.

We desire to call special attention to Miss Allerton and her fall litter of two boars and six sows, got by the late I Am Sunshine, and to the cross of Proud Monarch on I Am Sunshine sows, or the reverse cross. These great breeding boars are the sires represented. The dams are Allerton, Tecumseh and Doyle's Tecumseh sows. We have the size with quality and those looking for herd headers or some of the grandest sows ever sold at auction should come to our sale. We have them and will be proud to show you. Write for catalog, mentioning this paper.

Duncan Bros., W. T. Garrett & Sons, Maryville, Missouri
Auctioneers.

CHESTER WHITE HOGS.



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Model Herd Chester Whites

W. F.'s MODEL 12101, A WINNER. He won second place in class at Iowa State Fair, 1906, and is proving himself a great breeder of size and quality. For sale, 30 strictly choice boars, March, April and May farrow, sired by W. F.'s Model 12101, Seducer 12387, All Right 11789 and others. Guaranteed as represented. Am booking orders to be shipped when wanted. W. F. Hemmerling, Dike, Iowa.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions. D. H. LEWIS, GENESIO, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. 1, Neponset, Ill.

KERR'S O. I. C. 'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,

O. L. KERR, INDEPENDENCE, MO.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at Interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.



O. I. C. STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the lot of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the lot of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX 2, HASTINGS, NEB.

I PAY EXPRESS CHARGES

AND ship C. O. D. choice improved Chester White pigs of both sexes. Write for illus. catalog free.

B. M. Boyer, Farmington, VanBuren Co., Ia.

CHOICE CHESTER WHITE BOARS

FOR sale ready to ship. Also my herd header Gold Chief record No. 1297. Write me German or English. J. M. Janssen, P. O. Box 627, Sibley, Iowa.

KING B. HERD CHESTER WHITES.

70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

CHOICE CHESTER WHITE MALE PIGS of April farrow from registered stock, R. I. Red poultry. M. A. Guinan, Webster City, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine. F. Rabaler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made 6 importations. Oak Lodge Minstrel 8th 1855 and O. L. Fustler 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 707 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Will have an exhibit at the Iowa, Minnesota and South Dakota state fairs. Address, Thomas H. Canfield, Lake Park, Minn.

CORN-BELT Yorkshires. I have been using mature breeding stock for years, and have size, quality and productivity. All sows in herd averaged better than 11 pigs per sow this spring. (Everything that does not come up to a high standard is unsexed.) Males and females not akin for sale. Some extra good Poland Chinas for sale also. Jas. Atkinson, Des Moines, Ia.

When writing please mention this paper.

POLAND CHINA HOGS.

The Joe Young Herd Poland Chinas.



PUBLIC SALE, MADISON, NEB., SEPT. 29

50 HEAD CHOICE BOARS AND GILTS 50

all spring and fall farrow,

Sired by Grand Monarch Chief 39875 and S. My Price 34574. One of the biggest-boned hogs in the state. Write for catalog.

YOUNG & DUNCAN, MADISON, NEB.

30 FALL BOARS 40 SPRING BOARS.

Sired by Matchless Perfection, Matchless Perfection Jr., the sweepstakes boar, Meddler Boy, and Correct I Know. Write us at once. We can certainly fill your order to your satisfaction. Address,

HENRY BROS., - LE MARS, IOWA.



MATCHLESS PERFECTION.

WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch and Scotch Topred bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 150762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route 4, WELLMAN, IA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enter-prise and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 35012 out of Nemo L's Unde, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

F. H. LONG, MANNING, IOWA.

BRIDGFORD & NESBITT, Aledo, Illinois.

WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrow boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

LARGE Growthy Polands. I have the hog that is a bog. If you want sized bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec., is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of John-sou's Chief, King Do Do, and Blain's Tec. Everything guaranteed a breeder. Robt. J. Peckham, Pawnee City, Neb.

CORRECT I KNOW JR. 111629. FALL males of Tec. and Perf. breeding; weight 300 to 450 lbs. Spring boars by Hustle On 105337, he by On and On. Serviceable S.H. bulls, S.L. Wyandotte and R. C.B.L. Leghorn cks. Inter-State Phone. F. Ebendorf, Strawberry Point, Ia.

CHESTER WHITE HOGS.

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,

F. P. & J. J. Hardin, R. 6, Lima, O.

O.I.C. SWINE

50 SMOOTH, rangy, heavy-boned Spring Pigs for sale. Fine sows and boars for sale. THOS. GORMAN, AVERY, IOWA.

SHADY LAWN HERD

OF CHESTER WHITE HOGS. A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEFERURE, FAIRFAX, IA.

Mack Stevens & Sons, Iowa City, Ia.

BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

BONE'S CHESTER WHITES

THE oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, I. Box 35. Samuel Bone, Montezuma, Ia.

F. C. Thackaberry, TAMPICO, ILLINOIS

BREEDER of Poland China swine of the most fashionable strains and popular families. 50 spring pigs of exceptional merit for sale at reasonable prices. Oxford Down rams from imported sire and dam will be priced right considering quality and breeding. Correspondence and inspection solicited.

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by R's Keep On 92219, half brother to Prince Alert and Impudence, sweepstakes boars Iowa State Fair '04 and '05, and Iowa Chief by Ed Kiever's Thickset. The best Thickset boar in the west. These pigs are from maters dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn bulls, 12 to 14 months old, cheap. Bred Sow Sale, Feb. 12, '07. RUEBEL BROS., ROCKWELL CITY, IA.

THREE good yearling Poland-China Boars for sale Thickset's Best 109491, length 54, heart 35, flank 53, bone 8 1/2 in., weight 375. Thickset's Improver, length 53, heart 35, flank 53, bone 8 1/2 in., weight 360. Corrector's Best 109373, a grandson of old Corrector. Please state whether you want Durocs or Po. Chinas. W. W. Wheeler, Harlan, Ia.

ESCHER'S BIG POLAND CHINAS.

I AM now ready to price the best lot of fall and spring boars I have ever raised, led by my 1,000 lb. boar Gay Monarch. E. F. Escher, Manning, Iowa.

DEFENDER

9347 by Corrector 26466 out of Margaret 71728. For sale or exchange, a yearling by L's Keep On. Also spring boars by Defender out of well bred dams. Lengthy, broad backed, heavy boned fellows, \$15 to \$20. American, Adams and U. S. express. C. A. Steele, Ogden, Iowa.

Sandquist Bros.,

OAKLAND, NEBRASKA. BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

Males and Gilts for Sale.

FALL males weigh 250 to 300, early spring pigs weigh 150 to 160, they are in good breeding condition and healthy. They are bred right and priced right. Farm sold. Write us. Will please our trade. C. C. Drake & Son, Terre Haute, Ill.

PAPILLION HERD POLAND CHINAS.

WE offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fanny Perfection 24439. Write for price and catalog. Wm. L. & Sons, R. 1, South Omaha, Neb.

POLAND CHINA HOGS.

HERD HEADED BY THREE GREAT POLAND CHINA HERD BOARS.

L's Chief 34055, won first in aged class at Iowa State Fair in 1896, and grand sweepstakes over all breeds and classes by a unanimous vote of all exhibitors. He weighed 300 lbs. at two years old and 1,000 lbs. at three years. He is the greatest hog living today. **L's Tecumseh Again 51211**, the largest, boned and the best all around son of the World's Fair hero, L's Tecumseh 20499. **J. H. Sanders' Best 43981**, the first choice get of the great show hog, J. H. Sanders, that won four first premiums, including sweepstakes, awarded at the Chicago World's Fair in 1893. **100 Top Spring Pigs** for sale at \$12 each, sired by the above herd boars. Catalog free. Reference—Montezuma Savings Bank.

REUBEN E. SANDERS,
Proprietor Full Moon Herd Poland Chins,
R. F. D. 1, MONTEZUMA, IOWA.

EVERGREEN
Fine Stock Farm.

O. R. Phelps, Taintor, Iowa.

OFFERS some richly bred Poland Chins sired by Chief Sunshine 98609 and O. R. Correction 91651. Also pigs by Perfect Shine 99915 4th prize in class at Iowa State Fair 1905, and other good sires. I guarantee satisfaction. Write me for prices. Fall sale October 18th.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three extra good yearling Poland Chinn boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE,
IOWA STATE COLLEGE, AMES, IOWA

CHOICE
POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

TOPS.

Pioneer Herd Poland China Swine.

W. Z. Swallow, Booneville, In., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

HAMAKER'S large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs notakin. If you want size and finish with the blood lines, I have it. The farmer's cry for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.
75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.
H. B. MOATS, VILLISCA, IOWA.

DORR'S POLAND CHINA BOARS.
115 SPRING pigs, 17 cracking good fall boars sired by Dorr's Tecumseh, Keep On and Indiana King. My prices are within reach of all.
HENRY DORR, REMSEN, IA.

FRITCHARD'S POLAND CHINAS
THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 full pigs and 60 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.
DR. H. FRITCHARD, - WISNER, NEB.

Poland China Boars
AT Pike Timber. Forty good, long, smooth, heavy boned boars for sale. All got by my great herd boar Superior Sunshine 92455. Address,
T. A. DAVENPORT, BELMONT, IA.

"WILD ROSE" HERD POLAND CHINAS.
140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneeda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.
W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.
I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.
T. W. WALKER, MAZON, ILL.

Hamilton's Royally Bred Polands.
MY last sale averaged over \$50. My type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.
L. W. Hamilton, Kearney, Neb.

Choice Lot of Spring Boars for Sale.
POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall.
Jno. J. Schmal, Sutton, Nebraska.

10 GOOD FALL BOARS
I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,
GEO. E. PATCH, Blandinsville, Illinois.

When writing please mention this paper.

FOUR GREAT SALES
OF
Choice Breeding Cattle DURING THE
American Royal Live Stock Show
At the Stock Yards . . . Kansas City, Mo., OCT. 6-13, '06

60 Aberdeen-Angus Will Sell Tuesday, Oct. 9 For catalog address, W. C. McGavock, Springfield, Ill.	60 Short-horns 60 Will Sell Wed. Oct. 10 For catalog address, B. O. Cowan, 17 Exchange Ave., Chicago	60 Galloways 60 Will Sell Thurs., Oct. 11 For catalog address, Chas. Gray, 17 Exchange Ave., Chicago	60 Herefords 60 Will Sell Friday, Oct. 12 For catalog address, C. R. Thomas, 221 W. 12th St., Kan. City, Mo.
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Not a Cull In the Lot
SALE BEGINS PROMPTLY AT 1 P. M.

Sales of pure bred Swine will be held as follows: Poland Chins, October 9; Berkshires, October 10. For catalog, address, L. E. Frost, Springfield, Ill. Duroc Jerseys, October 11. For catalog, address, Thos. L. Williams, Dawn, Mo.

**PFANDER'S SALE OF
BIG POLAND CHINAS**
At the Farm near Gravity, Iowa, September 26, 1906
50 Head in the sale. Three-fourths of the offering will be grandsons and granddaughters of Old Giantess. **50**

Our offering will be the pick of 200 head. Model Giantess, the two-year-old daughter of old Giantess, will be the attraction of our sale, and out of the best sows to be sold this year. She sells with a litter of young pigs. Also has a spring litter of nine and a fall litter of seven in the sale. She is a profitable sow and is put in simply as an attraction. The spring pigs are all sired by Klever's Thickset. Write for catalog, which is now ready. Address,

J. W. PFANDER & SON, - GRAVITY, IOWA.
H. S. DUNCAN, AUCTIONEER.

ED. HOLMES' CLOSING OUT POLAND CHINA SALE
At farm 6 1-2 miles northwest of Bedford, 2 1-2 miles southeast of Ladoga, 4 1-2 miles southwest of Gravity, Iowa,

THURSDAY, SEPTEMBER 27, '06.

Brood Sows, Sows with Litters, Yearling Sows, Spring Gilts.

I AM moving to Canada, so everything goes. Sows that I have refused to price heretofore go with the rest. Daughters of R's Claud, Mo. Perfection. P. W. Perfection. Big Shamrock and one sow out of Anna Price, a full sister to old Giantess. I will also sell Mo. Perfection, considered the best boar ever used in southern Iowa. Here is your chance to get Poland Chinas at your own price. You had better attend my sale and secure some of these bargains. Catalog now ready and will be sent on application.

ED. HOLMES, - BEDFORD, IOWA.
DUNCAN BROS., AUCTIONEERS.

PRAIRIE GLENN HERD DUROC SALE
TUESDAY, SEPTEMBER 25, 1906.

35 head by these sires: A. L's Advance by Advance Lad, litter brother to Proud Advance; King Al by Surprise, a boar of excellent quality; A. L's Chief by I. J. Chief, a sire of good ones, and Tientsin, sire of 1st prize junior yearling sow, Iowa State Fair, 1906, a warm competitor of the sweepstakes sow. The boars I offer come from large, healthy litters. My sows averaged ten to the litter this spring. Every boar royally bred. Catalog free. Sale at my farm at 1 o'clock. Dinner served. Free conveyance to sale. All trains met. Breeders extended a cordial invitation.

A. L. MOSSMAN, - RADCLIFFE, IOWA.
Cols. I. L. McIlrath and O. L. Mossman, Aucts.

POLAND CHINA HOGS.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

45 ROYALLY BRED POLAND CHINA BOARS.
Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are 1st boars.
J. C. Hoag, - Manson, Ia.

CLOVER LAWN POLANDS.
I F you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.
JOHN R. TRIGGS, DAWSON, NEB.

POLAND CHINA BOARS (BLACK).
8 FALL boars, 2 yearling boars, 50 spring boars, 8 sired by Klever's Gay Lad.
J. W. Knowles & Son, - Craig, Neb.

When writing please mention this paper.

DUROC JERSEY HOGS.

Are you looking for a Duroc Jersey herd boar? I have the good ones. Please state whether you want Duroc Jerseys or Poland Chins when writing.

Scarlet Wonder 46319, by Pericles, dam by the great Tolestoy. Carmine Wonder 46321 by Tolstoy. Also a boar Challenger's Last. These are good ones. Come and see them.
W. W. Wheeler, Harlan, Ia.

Russell's Durocs.
SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.
E. Z. RUSSELL, - BLAIR, NEB.

Rankin's Ohio Chiefs
I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address,
W. A. RANKIN, CARSON, IA.

GETTING SUN herd of Duroc Jerseys, 20 head of S Feb. and March boars at prices that will sell them. Address, I. C. Welch, Bedford, Iowa.

When writing please mention this paper.

DUROC JERSEY HOGS.

MULBERRY GROVE
HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also Top Notcher Again, champion at Ind. and Ill. In '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

LARGE, ROOMY DUROCS.
I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by sires as far as Ham's Challenger and Theodore 2d. Stock priced worth the money.
F. A. HAM, SARONVILLE, NEB.

NOTHING FOR SALE UNTIL OCT. 26.
WHEN I will sell 40 head sired by Tip Top Notcher, Top Notcher Chief, Amlition, Hanley, Big I Am and other noted sires. Send for catalog.
H. B. GRIFFITHS, BOWEN, ILLINOIS.

Pennsylvania Herd of Duroc Jerseys.
SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell you bred sows for one-half what they cost at public sales last winter. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

State Road Herd Duroc Jerseys
FEW choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.
R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

35 DUROC JERSEY BOARS
Sired by my \$300 boar Glendale Jim 33291, 2d prize boar at the Iowa State Fair. Prices reasonable.
J. S. GOLDER, SCRIBNER, NEB.

GRAND VIEW DUROC JERSEYS.
BOARS by Crimson Wonder Jr. 41103 and Chief I Am Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.
F. M. HUFF, R. 2, AFTON, IOWA.

DUROC JERSEY BOARS AND GILTS.
Sired by Iowa Chief 37453, King Perfection 16235, Rosewood 31345, Cracker Jack and Roy Advance. Write your wants or come and make your own choice.
W. S. Penn, East Linn Farm, Springfield, Ia.

I HAVE THE TOPPIEST OHIO CHIEF BOARS
FOR SALE. Also boars by Proud Advance, Keep On, W. L. A's Choice Goods, out of my great brood sows. Buy a good one. I have them. Write
H. A. SEXSMITH, GREENFIELD, IOWA.

WHO IS J. A. RUSSELL?
WHY, he's the big red dog man at Corning, Iowa, that owns Tip Top Notcher Jr., and he sells two dandy litters sired by Proud Advance in his sale October 27, 1906. Drop card for catalog.

ALL OUR OHIO CHIEF PIGS
Reserved For Our Sale, October 15th.
At which time we will offer a grand lot of herd leaders. We will sell our herd boar Corn Cracker 14202.
A. L. & U. S. G. LYNCH, MT. AYR, IOWA.

The Logan Valley Herd of Duroc Jerseys.
DANIELSON 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Danielson good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.
W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly.
E. K. Young & Son, Havelock, Neb.

PILOT LAD 15153.
2D prize under year Duroc boar Illinois State Fair 2 1905, for sale. Fall boars of herd leader type, also a good lot of fall sows and spring pigs at reasonable prices.
L. H. Bryan, R. R. 1, Neponset, Ill.

40 DUROC-JERSEY BOARS. 40
Sired by Chief of Chiefs, a son of the great S Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.
DELMAR McCANN, - KENNARD, NEB.

SEPTEMBER DUROC JERSEY BOARS
AT \$25 each for the next thirty days. Several of these boars are of the herd leader sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

T. J. LIVINGSTON'S DUROCS. I am offering 1 choice Duroc pigs, sired by Combination Valley Chief, etc., at prices to sell. If you want size and finish, write me. T. L. Livingston, Burchard, Neb.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

EVELAND'S Duroc Jerseys. Four full boars and a few spring boars for sale, sired by King David II, 34759, and Modeler's Boy 46359. Also Lad for Me 39335.
R. F. D. 1. E. J. Eveland, Jamaica, Iowa.

Boars! Boars! Boars! Duroc Jerseys, \$25. Address, Roycroft Stock Farms, Des Moines, Iowa.

CHOICE YOUNG DUROC JERSEY HOGS
OF BOTH SEXES at reasonable prices. Address
W. J. S. Taylor, Hinneston, Iowa.

CHOICE Duroc Jersey pigs on approval at \$12.50 and \$15. Eligible to register. Pairs not akin. Address, J. C. Jay, Mount Pleasant, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

HILLCREST Farm Durocs. Best breeding. At weaning either sex, \$8 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

DISPERSION SALE OF THE ELM GROVE HEREFORD CATTLE

AT LAREDO MO., FRIDAY, SEPTEMBER 28 1906.

45 Head of Recorded Herefords 45

::::

90 Head of High Grade Herefords 90

THE PURE BRED CATTLE.

8 BULLS My herd bull, Prince 182194 got by the prize-winning Prince Rupert that made circuit in 1905, and seven Short-horn yearlings. These are of the herd-heading sort.

37 FEMALES Twenty-four cows, seventeen with calves at foot, seven two-year-old heifers and six yearling heifers. All females of breeding age will be bred to Prince or will have calves at foot. Many of these are rebred. Several of show-yard character. Twenty-four head of the offering were got by Kruger, he by Improver and out of a daughter of Corrector. Others are rich in the blood of Beau Brummel through Beau Donald, Gentry Briton 6th, Wilton Anxiety, Pablo and other noted sires. Many of the cows were bred by such breeders as Overton Harris, C. G. Comstock & Son, Cornish & Patton and W. H. Curtis. The individuality of the entire herd will compare favorably with any lot to be sold this year. Not a shy breeder or an inferior animal is cataloged.

HORSES

Consist of ten head well bred and a useful lot. Two draft brood mares, seven and eight years old. One family driving horse seven years old. One high-class driving mare five years old. Three two-year-old high-grade colts and one eight-year-old saddle pony; no better saddle and cattle pony in northern Missouri. These horses are in good market condition, sound and well broken, excepting the two-year-olds.

THE GRADE CATTLE

Are the fruits of fifteen years' experience in breeding up a set of brood cows, the product of which have been market toppers for the last six years on the Chicago market.

30 BREEDING COWS That look like pure breeds, with good backs and individual merit. Every one a prolific breeder.

30 YEARLINGS Eighteen head of steers and twelve head of heifers that will make car lots of show stuff.

30 CALVES All like "peas in a pod," and with quality unsurpassed.

This sale is the final wind-up of my fifteen years as a breeder of both registered and high-grade Herefords. I would not part with them, but my business interests in town compel me to leave the farm. My entire herds of pure bred and high-grade Herefords go, and at your price. You are cordially invited to be with me sale day. The sale will be held under cover. For catalog address Harry Graham, Chillicothe, Mo.

W. A. MERRYMAN, LAREDO, MO.

COL. HARRY W. GRAHAM, SALE MGR.

BELLOWS AND GRAHAM, ASSISTED BY CARPENTER AND BAILEY, AUCTIONEERS.

DUROC JERSEY HOGS.

BUDDY K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, ILL.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 37331, Gem's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12848a, Choice Goods 22881, J. I. C. 38339, Buddy K. IV 20881, Indiana 20753, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40793, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11899, J. B. J., Big I Am 28895. We have some of the choicest females of the breed; also a few choice full gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.

MCNEIL BROTHERS,
BOWEN, ILL.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

2D prize boar in 18 months class Iowa Fair, 1905. 2 Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tientsen, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

Peek & Putnam's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 28th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Beadek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.

W. J. East & Son, Clay Center, Neb.

Greene County Herd Duroc Jerseys.
OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.

F. A. STRONG, ORIENT, IA.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles H. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,

A. B. Enster & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

Sired by I Am Pottawattamie, a grandson of the great Nebraska Belle. Pericles and other noted boars. Our prices are always right. Write us. Address,

J. W. Reynolds & Son, Defiance, Iowa.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

DUROC JERSEY HOGS.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

C. T. ROGERS, PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's Last, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, CEDARVILLE and XENIA, OHIO

CRIMSON WONDER I AM 34697

CHAMPION AND SIRE OF CHAMPIONS. A choice lot of boars and gilts by this great sire for sale. Some excellent prospects in the herd. Address,

U. G. DAVIDSON, MANSON, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 114526a. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar Sale Oct. 2. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address,

JOHN WRIGHTON, AUDUBON, IOWA.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB, MONROE, NEB.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Echo, Sow sale February 25. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS, GLIDDEN, IOWA.

Iowa Banner Herd Durocs. Headed by W. L. A.'s Choice Goods, has for dam the \$1,000 S. E.'s Model 9th; the \$2,000 Ohio Chief for grandsire; Bishop's Choice for gran dam and the great Nebraska Belle for great-grandam. Write your wants. W. L. Addy & Son, Parnell, Mo.

ROYAL RUBY

HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.

GUS A. PEDERSON, OCHEYEDAN, IOWA.

GOLDEN DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

SHELDON BROS.,

A NEW FIRM.

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS., Iowa.

Shannon City, Successors to H. C. Sheldon & Sons.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd bull Expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15433, and fifteen other leading sires at prices that are right.

Edmonds, Shade & Co., Kingsley, Ia.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head mv herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

CLOVER Blossom herd of Durocs. Herd headed by I. J.'s Chief 12455a, 45747n first in aged class at Ind. State Fair 1905. Col. Perfection 16135a, 4575n for sale—will make a good fall yearling show. Choice tried sows for sale bred to I. J.'s Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now looking orders for future delivery. Address,

A. E. POUCH, CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. F. H. HERRING, R. F. D. 7, Iowa City, Iowa.

DUROC JERSEY HOGS.

OAK VIEW DUROCS.

HOME of Helen Blazes II, the \$1,000 sow. I am offering for sale one two-year-old and one yearling sired by Model Chief, one of the best sons of Ohio Chief. These boars are strictly of showyard type and quality. Address,

J. COY ROACH, GIRARD, ILL.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, Paton, Iowa.

40 HEAD FALL & SPRING DUROC JERSEY BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausa, Neb.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address,

ALBERT BELL, LAKE CITY, IOWA.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm Lawn Top Notcher and Elm Lawn Orion. The dams are equally as well bred. If you want good, useful Durocs write me.

Chas. Sobotka, Cainesville, Mo.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Wail Lake, Iowa.

112 CHOICE DUROC JERSEYS 112.

Sired by Duroc Challenger's Wonder S 34637, Crimson's Critic 40931 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

WELCH'S POPULAR PRICED DUROC JERSEYS

I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address,

S. I. Welch, Cherokee, Ia.

ALFALFA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection 11571; some tried sows bred to Royal Prince 41911; that raised good litters last spring and are due to farrow in September, and a few fall boars by Van's Perfection and Jumbo Chief 18999, for sale.

F. ALDRITT, FRIEND, NEBRASKA.

PIONEER HERD DUROCS.

ECHO Klug 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address,

Arch Brown & Sons, Waterloo, Nebraska.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address,

Norris & Bevington, Kingsley, Ia.

CRIMSON Wonder fall boars. A few very strong full boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd headers. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

CLOSING OUT SHORT-HORN SALE

Imported Straight Scotch and Pure Bates Short-horns

LAMONI, IOWA, SEPTEMBER 27, 1906.

Head in the sale. Twenty-eight calves at foot. Twelve pure Bates females, besides a grand lot of Imported and straight Scotch cattle, two herd bulls and a choice lot of young bulls.

Lot 4 Imp. Crescent 8th
Roan; calved May 16, 1898; imported from the late W. S. Marr by W. D. Flatt, recorded in Vol. 51, page 712, A. S. H. R.
DAMS.
Crescent 4th
Crescent 2d
Crescent
Circassia
Cicely
SIRE.
Got by Prince of Fashion (64587)
Sovereign (61841)
Gondolier (52956)
General Windsor (28701)
Champion of England (17526)
Lancaster Royal (18167)
BREEDERS.
W. Duthie
A. Cruickshank
A. Cruickshank
T. Willis
A. Cruickshank
A. Cruickshank

Lot 6 Imp. Princess Fame
Roan; calved Dec. 9, 1901. Bred by Wm. Ross, Aberdeenshire, Scotland. Vol. 67, A. S. H. R.
DAMS.
Imp. Princess 5th
Princess 2d
Pussy
Climax
Clementia 8th
SIRE.
Got by Pride of Fame (81886)
Scottish Prince (73593)
Fortunatus (76708)
Knight of the Border (76977)
Vermont (47193)
Golden Prince (38363)
BREEDERS.
James Durno
Wm. Duthie
D. C. Bruce
A. Cruickshank
S. Campbell

This is a closing out sale, owing to sale of our farms. The cattle will be in nice condition, and the females are all good breeders. We will sell *Gay Hampton 212202*, one of the best sons of Hampton's Best, besides our pure Bates bull, and a choice lot of young bulls. We are offering one of the best lots of Scotch, imported and pure Bates cattle that will be sold this year. Catalog now ready. Write for it, and kindly mention this paper. Address,

Col. Geo. P. Bellows, Auctioneer.

Lot 7 Stakeholder Princess
Red, little white; calved March 19, 1904. Vol. 67, SIRE.
DAMS.
Imp. Princess Fame
Imp. Princess 5th
Princess 2d
Pussy
Climax
SIRE.
Got by Stakeholder 162697
Pride of Fame (81886)
Scottish Prince (73593)
Fortunatus (76708)
Knight of the Border (76977)
Vermont (47193)
BREEDERS.
M. E. Jones
Mr. Durno
Wm. Duthie
D. C. Bruce
A. Cruickshank
A. Cruickshank

Lot 2 Fairholme Jewel 228970
Red; calved March 24, 1904; owned by A. D. Sears & Bros.
DAMS.
Waterloo Duchess of Hazel's 2d
Water Girl of Glen Echo
Water Girl 8th
Water Girl 2d
Imp. Water Girl
SIRE.
Got by 11th Duke of Fairholme 192735
Oxford Duke of Calthwaite 2d 94089
Waterloo Clarence 101245
Baron Bates 12th 37541
5th Lord of Oxford (31723)
Grand D. of Waterloo (28766)
BREEDERS.
A. H. Jones
J. Harris
T. C. Anderson
T. J. Megibben
S. Campbell
Fitz Harding

PETERSON BROTHERS, LAMONI, IOWA.

DUROC JERSEY HOGS.
OAK GROVE HERD DUROCS.
M. W. Greer & Son, Props., Rushville, Illinois.
We have a number of good fall boars by Oom Paul, also a few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher. Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We cull closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. **FAIR SALE OCTOBER 22, 1906.** Kindly mention Homestead when writing.

Wineland Duroc Jersey Spring Pig Offering.
FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimmon Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.
H. C. YOUNG, LINCOLN, NEB.

Thos. Bennett, Rossville, Ill.
HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred gifts all sold. Write for prices, mentioning Homestead.

DUROC JERSEY PIGS FOR SALE.
80 MARCH pigs by Roy Advance, Malcolm's Model 2d, and Gold Standard. Also have four good fall boars and will sell Gold Standard, two years old. I have one litter by Manley Orion. Brood sows mostly by Billy K. W. J. Hartung, Maxwell, Ia.

MINNESOTA'S HERD OF DUROCS
FOR SALE—One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars—herd headers among them. Let me hear from you. **Harmon Gruver, Brewster, Minn.**

Duroc
Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.
I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gifts as well. Write today. **F. A. Kruse, Waco, Neb.**

ATHELRD 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. **A. Wilson, Bethany, Neb.**

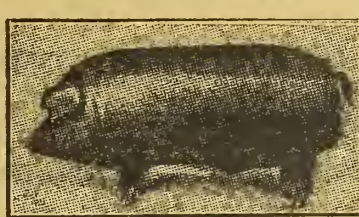
KRASCHEL'S DUROC JERSEYS
150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.
SIRE by Wonder C. 32393 (half brother to Crimmon S. Wonder), Lott's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.
W. J. WENDT, MARCUS, IOWA.

CHOICE OFFERING OF DUROC PIGS
I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others.
CHAS. VAN PATEN, SUTTON, NEB.

When writing please mention this paper.

DUROC JERSEY HOGS.
Dispersion of the Famous Gold Dust Herd of Durocs.
HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,
GEO. W. SECKMAN, RIPLEY, ILLINOIS.



40 DUROC-JERSEY BOARS 40
SIRE BY
JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair.
LONG ALIX, 1st prize brother to the great sweepstakes sow Arix 2d, that sold for \$740.
GLENDAL CRITIC, 2d prize yearling boar at the Iowa-Nebraska State Fair.
Boars and sires of 1st prize litter at Iowa-Nebraska State Fair.
Pigs by other well-known boars. If you want a herd-header, write me.
AUSTIN RENSHAW, BLAIR, NEB.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.
70 Head of the Toppiest Duroc Jersey Pigs.
I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Al-Sar-Ber 4th. I also have pigs by Crimmon Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address
W. D. PITTMAN, LAKE CITY, IOWA.

125 Duroc Spring Pigs For Sale Cheap
I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.
O. E. MICKEY, OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.
SIRE in service, Red Orion 28793, by Orion 5393; dam Rose End 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 41113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.
I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,
GRANT WHITE, AFTON, IOWA.

70 HEAD OF PRIZE WINNING DUROC JERSEYS
ONE of the best sons of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimmon Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains. Address,
T. A. McMAHON, CRAIG, NEBRASKA

Pleasant Grove Herd Durocs
BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.
HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

RED SIDE DUROCS.
FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.
Fred Schweizer, Elwood, Ill.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.
MAPLE AND LAWNSDALE DUROC JERSEYS.
HOME of Big I Am and Hambletonian, the two 800 lb. boars assisted by Proud Advance and Veribest. Our spring pigs are sired by Big I Am, Tip Top Notcher, Perfection Chief and other herd boars. As we have canceled our date sale for Oct. 26, we'll sell the pigs at half price for next 30 days. They are good, very large for age. Scotch Collie pups ready to work. Write for description and prices. Free livery. Brod sow sale January 30, 1907.
Manlove Bros. & J. H. Norris, Bowen, Ill.
Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF
THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

HIGHEST DUROC AUCTION AVERAGE.
HOME of Kan't Be Beat, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimmon Wonder. Fall sale October 16th.
JOHN M. MORRISON & SONS, NEBRASKA.
COLLEGE VIEW.

Sutter's
GROWTHY DUROC fall males got by Neb. Wonder, he by Crimmon Wonder are now ready to ship. Write me. **WM. SUTTER, Liberty, Neb.**

12 GOOD ORION BOARS
FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale
MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,
J. E. WEHR, PORTSMOUTH, IOWA

Shamrock Herd of Duroc Jerseys
OF Prize winning sires and dams. Have a few boars left and some sows and gilts.
F. M. ERSCHEN, Odell, Illinois.

WALNUT GROVE DUROCS.
I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.
HENRY G. WARREN, INLAND, NEB.

Minnesota's Prize Winning Duroc Jerseys
I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimmon Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable.
Wm. Malcolm, Bigelow, Minn.

MAY & PORTER, REMINGTON, IND.
MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Smith Brown's Duroc Jerseys
THE home of the winners. 123 pigs by Echo King, Red Chief I Am, Crimmon Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,
SMITH BROWN, Waterloo, Neb.

When writing please mention this paper.

GRAND PUBLIC SALE
OF
**SHORT-HORN
... CATTLE ...**
AT
**CLARENCE, CEDAR COUNTY, IOWA,
TUESDAY, OCTOBER 2, 1906.**

On the above date I will sell 40 head of as good individual Short-horns as will be sold this season, at my farm two miles south of Clarence, Cedar county, Iowa. The offering consists of 30 cows and heifers and 10 bulls, all richly Scotch Topped with some of the best Scotch blood extant. All females bred to the Scotch bulls Victor Fashion 194906 and Scottish Spartan 257120. It is a grand aggregation of heavy milking breeding Short-horns. A large number of cows will be sold with calves at foot. A certified copy with each sale will be furnished with each individual catalog. Parties from a distance will be entertained free of charge at the Cottage Hotel. Terms cash, but bankable notes will be accepted on six months time at 6 per cent interest. All lovers of good Short-horns are cordially invited to attend this sale.

**E. COSGRIFF, PROPRIETOR,
CLARENCE, IOWA.**

COL. GRIFF JOHNSON AND O. S. JOHNSON, AUCTS.

Attention is called to J. B. Brown's Short-horn sale at Solon, Iowa, Oct. 4, and G. H. Burge's sale of Short-horns at Mt. Vernon, Iowa, Oct. 5. Parties can attend all three sales without any inconvenience. Mention Homestead when writing for catalog.

**AUCTION SALE
of SHORT-HORNS**

At Belle Plaine, Ia., Oct. 6, 1906.

I WILL SELL 43 HEAD. 32 FEMALES, 11
BULLS, 5 SCOTCH FEMALES, 2
SCOTCH BULLS.

The remainder Scotch Topped. Scotch Secrets, Strawberry, Emmas, Scotch Topped Young Marys, Rose of Sharon, Jubilee Gwynne, Zelias, etc. Some herd bulls. I bred and sold the Iowa Agricultural College their present herd bull.

John Hughs, Owner, Belle Plaine, Ia

CAREY M. JONES, AUCTIONEER.

Double Standard
POLLED DURHAM CATTLE
To be Sold at Public Auction
OCTOBER 5, 1906

In the Stock Yards, South Omaha, Nebraska, at
1 O'clock P. M.

50 Head of Cows and Bulls

M. Rau, Harlan, Iowa; D. L. Pond, Inman, Neb.; John Renswick, Boyden, Iowa; Shaver & Deuker, Kalona, Iowa, Contributors.

L. G. Shaver, Kalona, Iowa, Manager.

Cols. Woods, Walker, Shaver, Auctioneers.

JAS. B. TURBETT'S
POLAND CHINA SALE
At Eden, Peoria Co., Ill., Thursday, SEPT 27, 1906

40 HEAD BOARS AND SOWS 40

The offering consists of two aged boars, including the herd boar, Woodview Keep On 99883; thirteen spring boars, eighteen spring gilts, and seven aged sows, five of which have litters that will be sold with them. All large, smooth, heavy-boned Poland Chinas.

COLTS FOR SALE.

I will also sell five colts, consisting of three yearlings, two Percheron bred, one trotting bred, and two weanlings, one Percheron bred and one trotting bred. The Percheron-bred ones are sired by Challenge, a fine breeder and very noted horse in this section of the country. The trotting-bred are sired by George Strong, well known throughout the country. George Strong is a pacer, but the colts are trotters. For catalog address

JAS. B. TURBETT, - - HANNA CITY, ILL.

COL. C. C. PLUMLEY AND ALVAL. SCOTT, AUCTS.

SEND BIDS TO D. M. PIERCE REPRESENTING THIS PAPER IN MY CARE.

ANNUAL SALE

of 55 Short-horn Cattle

AT OUR FARM, 3 MILES EAST of
CHARLOTTE, CLINTON COUNTY,
IOWA, ON OCTOBER 11, 1906.

WE will sell 43 cows and heifers and 12 bulls. Four sons of Imp. Merry Hampton. Ten yearling heifers, 8 two-year-old heifers. A large number of cows with calves at foot. Nine of our 12 show cattle are included, which we won with at Dubuque and De Witt, Ia., and Morrison, Ill. The chance of a lifetime to get good cattle cheap. Address for catalog,

Lanaghan Bros., Charlotte, Ia.

Col. Griff Johnston, Auctioneer.

DRAFT SALE OF SHORT-HORN CATTLE

AT
... OAKLAND, IOWA, OCTOBER 4, 1906 ...

40 Head from the R. E. Williams Herd 40

INCLUDING 8 yearling bulls, ready for active service, and all red in color. I am putting in 9 yearling heifers and 8 two-year-old heifers. The rest will be cows, all of which will have calf at foot except 4 head, and they will be bred and safe in calf. I am putting in some of my very best cows, some of which are well Scotch Topped and some are straight Bates. If you want a few good bulls or cows and heifers, I have them in my sale. If you want the money-making kind of Short-horns, I have them. Write for catalogs, now ready. Address ..

R. E. WILLIAMS, OAKLAND, IOWA.
COL. DUNCAN, AUCTIONEER.

OCTOBER 2, 1906,

I will sell the TOPS of my BOAR CROP at
... PUBLIC SALE ...

Together With Some Sows With Litters And Open Gilts.

THE Spring Boars in this offering are mostly sired by **PROUD ADVANCE** 40997, the sire of my 1st prize gilt and 2d prize litter at the **IOWA STATE FAIR** this year. My herd is strong in the blood of Orion, Proud Advance, Ohio Chief, Top Notcher and other noted sires and the offering will be up-to-date in every respect. A choice pig out of S. E.'s Model IX 114526, sired by Proud Advance 23549, will be sold that day. I will also sell my herd boar Audubon 21969, a three-year-old hog of great substance and finish and as vigorous as a pig. Twice a winner of sweepstakes over all breeds, two consecutive years at the Audubon County Fair. This offering will consist of 8 sows with litters, 7 open gilts, 11 yearling boars and 23 spring boars. Will be pleased to answer all inquiries and to see you here sale day. Bids may be sent to Auctioneer or Clerk in my care. Free accommodation at Park Hotel, Audubon; free livery to farm sale day.

JOHN WEIGHTON, - - AUDUBON, IOWA.
Col. F. F. Luther, Auctioneer. John A. Nash, Clerk.

WATSON BROTHERS' DUROC JERSEY SALE

Creston, Ia., Wed.,
October 3, 1906.

45 Head in the sale. Fifteen choice Boars, the pick of our herd. Twenty of our very best gilts. The rest brood sows with litters. The boars that we offer are as good as we have ever raised and there are some herd headers among the bunch. These are sired by Echo, one of the very best sons of Echo King; W. L. A.'s Choice Goods, and Harding's Proud Advance and the prize-winning boar, Keep On. The gilts are sired by Keep On, Parnell Banner, Red Lack, Harding's Proud Advance, Matchless Chief and Addy's Choice Goods. We are also putting in some good sows with litters by Echo. Headquarters at the Arcade Hotel. Write for catalog and come to the sale.

WATSON BROTHERS, CRESTON, IA.
COL. DUNCAN, AUCTIONEER.

SOUTHEASTERN NEBRASKA DUROC CIRCUIT

WE have gathered in strong a lot of Durocs in our herds and on the days of our sales we will offer as royally bred a lot of Duroc boars and sows as will be offered in this section of the state this year. Our respective herds embrace the blood of prize winning families. Each offering will be strong in individuality. Each sale will afford the class of Durocs that will go out and bring you the returns.

AT SOUTH AUBURN, NEB.	AT TECUMSEH, NEB.	AT COOK, NEBRASKA.	AT COOK, NEBRASKA.
on Sept. 25th Dispersion Sale	on Sept. 26th 40 Head 40 Boars and Gilts	on Sept. 27th 46 Head	on Sept. 28th 40 HEAD
My entire herd of royally bred Duroc Jerseys including the prize winning boar Liberty Challenger. Nine fall gilts by Kan't Be Beat's son, Ben B. Imp. 2d, Cole's Duroc. Eight tried brood sows safe in pig to the herd boars. Ten spring pigs by Liberty Challenger and McClellan. For catalog address,	Our sale will afford you opportunities to buy herd headers and brood sows. We sell the fall yearling High Notcher, by Universal Russell. A fall boar by Cresser, by Top Notcher. Very promising spring pig by Hanley and tracing to The Lad For Me. Lamb Brothers sell nine boars and three sows by Beatrice Boy, and Moren Duroc by Chief Orion and out of Bell Advance. Address,	One yearling boar, six yearling sows, 17 spring boars and 22 spring gilts. My offering is up to any previous sale. My Duroc Jerseys represent the blood of the good families I have good growth, lots of finish and the useful lot of hogs so much sought; such as Gem Paul, Tip Top Notcher, West's Choice, Crimson Wonder and Improver 2d. Would be pleased to see you at my sale. Catalog now ready.	I am offering the tops of my herd in order to establish myself more. My hogs are royally bred and are strong in individuality. All stock in good breeding condition. Offering embraces the blood of such families as Tip Top Notcher, Red Duke, G. W.'s Favorite, Bysee's Kan't Be Beat and Red Chief I Am. Write for my catalog.
FORD SKEEN, Prop., South Auburn, Neb.	PEEK, PUTNAM & LAMB BROTHERS, Tecumseh, Neb.	JOHN SCHOWALTER, Cook, Neb.	GEORGE DORSCH, Cook, Neb.

T. C. Callahan, of Omaha, will officiate on the block at each sale.
SEND BIDS TO AUCTIONEER IN OUR CARE.

EIGHTH ANNUAL SALE OF DUROC JERSEY SWINE

OF THE BEUNA-VISTA HERD OF **W. A. Craver & Son, Fillmore, Indiana**
Sale on our farm 2 miles north of Fillmore, Putnam Co., Ind. **WEDNESDAY, SEPT 26, '06**

Our offering will consist of yearlings and spring boars, aged and yearling sows and spring gilts, fifty to sixty head. Five fall yearling boars and sixteen fall yearling sows that are good enough to go into the best herds of the U. S. This offering is mostly sired by our two-year-old boar, One Such 14037, by None Such 10025, dam, Decatur Belle 4th 29534. One Such is a full brother in blood to Hanley, owned by McNeil Bros., of Bowen, Ill. Some are sired by High Notcher 14035, by Top Notcher Again 10687, and one litter by High Chief and Found At Last 2d. The dams of this offering are sired by old Sure Winner and King Watt's Last and all the best strains are represented in this herd. Send bids to Mr. D. M. Pierce in our care. For catalogs address,

W. A. CRAVER & SON, - - - - - FILLMORE, INDIANA

HATCHER-PFANDER-McCLELLAND DUROC JERSEY SALE

To be held at Moore's Feed Barn
CLARINDA, IOWA, THURSDAY, SEPTEMBER 27, 1906

The Blood of such well known Sires as
TOP NOTCHER, PRINCE MARTI, IMPROVER II, GLENDALE CRITIC, RED KNIGHT, ADVANCER AND ORION.

50 Head 25 boars—25 sows. We have selected the pick of our herds to go into this sale. There will be a few sows with litter. The rest will be spring boars and gilts. There will be some good boars in the sale. Two are sired by Improver II., others are sired by Red Knight, sweepstakes boar at Nebraska State Fair, Duroc Standard. Belle's Corn Cracker, Hatcher's Marti, and other good boars. The offering is strong in the blood of the leading winners, and we are contributing a lot of good boars and sows to the sale. Write any of us for catalog.

H. H. Hatcher, Essex, Ia.; Harry Pfander, Clarinda, Ia.;
W. W. McClelland, Clarinda, Ia.

Rankin's Fall Duroc Jersey Sale

Carson, Ia., Sept. 28, 1906

35 or 40 Boars in Sale

Sired by
**OHIO CHIEF
GLENDALE CRITIC
MISS BOB'S
WONDER
JIM'S GOLD DUST**

**OHIOCHIEF
50
GOLD DUST JIM**

I will offer a good bunch of sows and gilts, some of which are sired by Ohio Chief, and other well known boars. The blood of the greatest sires of the breed will be represented in my sale.

There will be fall and spring boars in the offering, and some good herd heading prospects. Write for my catalog, it is now ready. Address,

COL. LUTHER, AUCTIONEER. W. A. Rankin, Carson, Ia.

STATE CENTER SHORT-HORN BREEDERS' SALE.



FIFTY HEAD OF SHORT-HORN CATTLE

WILL BE SOLD AT AUCTION SEPTEMBER 27, 1906,

At C. H. Fricke's Eden Park Stock Farm

four and a half miles south of State Center, Iowa, by the State Center Short-horn Breeders, as follows: S. P. Girton & Sons, C. H. Fricke, F. E. Fricke, E. A. Fricke, C. E. Klump, G. T. Easton and A. F. Pike. Included in the offering is a number of good straight Scotch bulls suitable to head herds. The females are a Scotch-topped lot of choice breeding matrons, bred to the best of Scotch bulls. All females of breeding age have calves at foot or show in calf to the service of good Scotch bulls. All cattle bought by parties from a distance will be placed on the cars free of charge on the C. & N. W., Iowa Central, C. M. & St. P., C. & G. W. Terms cash or twelve months time with 8 per cent interest.

E. A. FRICKE, SALE MANAGER,
STATE CENTER, IOWA.

AL P. MASON AND ROBERT S. GOWDY, AUCTIONEERS.

DISPERSION SALE OF ABERDEEN ANGUS CATTLE

I will disperse my entire herd of Aberdeen Angus breeding cattle at Morning Sun, Iowa, Tuesday, Oct. 2, 1906. The herd embraces 51 head, including 6 bulls and 45 females. The present herd bull Bantor is included, sired by Imp. Proteros, dam Blackbird McHenry 17th, also one choice yearling bull by Emperor of Estill, dam by 2d Mayor of Estill. Twenty cows with calves at foot will be sold. Nine yearling heifers. Two two-year-olds and 5 cows due to calve before sale day. The herd is pre-eminently a business herd. They will be in prime breeding condition but not excessively fat. I am retiring from the breeding of Angus cattle, but my brother, J. T. Hewitt, who contributes some 5 head to this sale, will continue breeding Angus cattle. This sale offers the best opportunities in recent years for the young breeder to found a new herd with strictly breeding cattle. The sale will be in the new pavilion in town with Cols. W. K. Henss and Silas Igo officiating as auctioneers. Write for catalogs to

C. F. Hewitt, Proprietor,
Morning Sun, Iowa.

DRAFT SALE OF SHORT-HORN CATTLE AT SOLON, IA., OCT. 4th.

42 Head From Waveland Herd. 42

Scotch and Scotch Topped, Lavenders, Gwendolines, Columbia or Claret, Miss Ramsden, Lovelys, Acanthus, Raspberry, Orange Blossom, Princess Royal, etc. Have been breeding short-horns 20 years. My entire Show Herd is included, 30 Females 12 Bulls. The best lot of bulls I ever offered.

Sale will be held at the farm 4 miles southeast of Solon.

J. B. BROWN, Owner,
SOLON, IOWA.

COL. GRIFF JOHNSON, AUCTIONEER.

E. Cosgriff sells Short-horns at Clarence, Ia., Oct. 2d.

G. H. Burge sells at Mt. Vernon Oct. 5th.

... SIXTH ... Annual Sale of Short-horn Cattle From ... THE WAYSIDE HERD ...

Of Geo. H. Burge at Mt. Vernon, Iowa, October 5th.

On the above date I will sell 44 head of the choicest Short-horns ever offered in Linn County. Thirty-five head are females and 9 head are bulls, the larger portion of the females being straight Scotch or of Scotch extraction. Included in this sale will be the major portion of my show herd at the Iowa and other State Fairs for 1906. I will sell the get of and cows bred to the 2d prize winning bull at the Iowa State Fair of 1906, Money Musk. As this is the best offering of cattle that I have ever been able to put before the public, I trust that lovers of Short-horns will find time to attend this sale and if they cannot help me, they will at least help themselves to some of the many plums that I am listing in this sale. I have no apology to make for this sale. I simply need the money that these cattle represent and trust that all my friends and neighbors, as well as my enemies, will come and buy these cattle just as cheap as they can. All parties from a distance will be entertained at the beautiful Altoona Hotel at Mt. Vernon and will be taken to and from the farm free of charge. Dinner will be served at noon at the farm. Sale will commence at one o'clock sharp.

Write for catalog to

GEO. H. BURGE.

Col. Griff Johnson, Auctioneer, assisted by E. S. Johnson.



THE PREVENTION OF THUMPS.

The following communication has been received from a subscriber, Mr. L. S. Windland, of Madison county, Iowa:

I was much interested in an article that recently appeared in your paper on the question of thumps in pigs. I have been handling hogs all my life and have never had a pig with the thumps. My plan is to give the growing pigs and hogs plenty of pasture composed of mixed grasses. Corn is my main feed, though I use it sparingly for brood sows. I feed considerable shorts and oil meal and also use oats and barley. I make a practice of dopping my slop from time to time with turpentine as a worm preventive. It is my opinion that worms cause more trouble in hogs than all other ailments combined. It is my candid opinion that even thumps are due to the presence of worms.

We know of a number of instances where men of broad experience claim that the loss attributed to cholera and swine plague is in practically all cases due to the presence of worms. While we admit that the loss from this source is very large, yet at the same time there is such a thing as a cholera germ and when it gets established in a herd of hogs it is very likely to cause a good deal of loss. Nevertheless, it is an excellent idea to do a little dopping as a preventive against worms. The use of a little turpentine in the slop or a good coal tar product is excellent for this purpose. If hogs do not take to their feed when it is so treated they will be brought around in due time if they are starved for a period of twelve or twenty-four hours. The amount to use is generally learned through experience. There is practically no danger of hurting a hog, because not enough will be consumed to do harm if one happens to get too much in the slop.

HANGING CORN UP EARLY.

The following communication has been received from one of our subscribers, Mr. P. F. Mally, of Polk county, Iowa:

There is a good deal being said in your columns about the matter of saving seed corn, and as you request me to give my method I will say that it is my plan to go into the field as soon as the corn husks begin to dry out on the outside. At that time the kernels are dented or at least they have started to dent. I go through the fields picking out the ears that suit me, place in a sack and carry them to a wagon. I then carry them to a corn crib, strip the husks back, remove all but enough to tie two ears together and they are then hung in a dry place in pairs. By throwing the pair over a six-inch board you will find that they dry out perfectly.

I would advise no man to hang his seed above oats or wheat, as the moisture from the grain will sometimes spoil it. This plan that I have described I have followed for thirty-five years and have never had a failure, and bear in mind the seed is allowed to remain all winter just where it is hung up in the fall, and of course never feels the effect of fire.

I appreciate the fact that my plan differs radically from the plan that is being advised by Professor Holden and others who are engaged in educational work along agricultural lines. The plan of selecting corn after the seed has become thoroughly hard in the field may be all right in theory, but I have found that seed selected early, that is, just when it is denting, will germinate from three to four days quicker than corn that is thoroughly mature. The reason for this is, in my opinion, that corn saved early does not become as hard as mature corn, and consequently it will absorb moisture faster and thus send up its sprouts earlier.

In closing, let me say that where the method I have advocated is adopted pains must be taken to hang it up the day it is picked. Do not allow it to remain in the field or out on the ground for a single night.

This testimony comes from an exceedingly reliable source, and when it is considered that thirty-five crops have been grown from seed handled in this way without a failure it must be acknowledged that there is some virtue in the method.

It is doubtful, however, if Mr. Mally's

plan could be carried out in every instance, because much depends upon the variety of corn that is used. A reasonably early corn picked just as it begins to dent will, if hung in a dry place, become thoroughly air-dried during the next month or six weeks, and of course dry corn cannot freeze. However, when we turn to those corns that mature two or three weeks later than the one under consideration we meet quite a different proposition, because such corn if picked while it is denting may not dry out before freezing weather, and in that case there is considerable danger that the germination qualities will be impaired.

We would like to hear from others who have had experience in saving seed corn according to Mr. Mally's plan, or to have the plan criticized by those who do not believe it to be orthodox.

CATTLE FEEDING EXPERIMENT.

The Nebraska Experiment Station has just issued Bulletin 93, which gives the results of cattle-feeding experiments carried on at that station last winter.

The experiment entitled "Roughness Supplementary to Corn for Two-year-old Steers" is a continuation of the series begun three years ago to compare the efficiency of three forms of roughness common in Nebraska, viz., alfalfa, prairie hay, corn-stover, when each is fed in connection with corn. The last winter's experiment deviates slightly from former tests in certain particulars—the corn was all fed as snapped corn rather than shelled, and the period of feeding was but three months instead of six, during which time grain was used sparingly and roughness liberally, the cattle being finished in a second experiment in which heavy grain rations were used.

In the experiment with snapped corn (ears in the shuck, or husk) the roughness in each lot was as follows: Lot 1, prairie hay; Lot 2, prairie and alfalfa hay; Lot 3, alfalfa; Lot 4, corn-stover (stalks without ears); Lot 5, corn-stover and alfalfa, and Lot 6, corn fodder (stalks with ears attached) and alfalfa. Ten steers were fed in each lot and these were selected to make the several lots as uniform as possible. The steers were two-year-old grade Short-horns and Herefords, from the northwestern part of the

state, where they had been reared under semi-range conditions.

The steers fed snapped corn and alfalfa hay made the largest gains, amounting to 2.06 pounds per day, average for the three months, while those on snapped corn, alfalfa and prairie hay gained 2.01 pounds per day; those on snapped corn, alfalfa and stover, 1.96 pounds; those on corn fodder and alfalfa, 1.81 pounds, while the steers fed snapped corn and prairie hay gained but 1.2 pounds per day and those fed snapped corn and stover 1.02 pounds per day. It will thus be seen that in each case where alfalfa formed a part or all of the roughness, the gains were materially increased. This accords with former experiments and emphasizes further the importance of supplying in the ration all the nutrients needed. Alfalfa, being high in protein, supplies that lacking in corn and that lacking in prairie hay and corn-stover. Not only were larger gains made in the lots fed alfalfa, but much less corn was required for each pound of gain when they were thus supplied.

But the vital thing for the consideration of the feeder is the relative cost of gains. In the lots fed corn, alfalfa and stover, in the one case with corn attached to the stalk as fodder, the cost of gains was the lowest, being 4.11 cents per pound of gain in both lots. A little more pork was made where the corn was fed on the stalk and the net profit per steer in that lot was \$4.59, as compared with \$4.20 on corn, alfalfa and stover.

On snapped corn and alfalfa, each pound of gain cost 4.49 cents (net profit per steer, \$3.56); on snapped corn, prairie hay and alfalfa, 4.77 cents (net profit per steer, \$3.10); on snapped corn and stover, 6.97 cents (net profit per steer, 13 cents); and on snapped corn and prairie hay, 7.58 cents (net loss per steer, eight cents). The cheaper gains made with stover and alfalfa rather than with alfalfa alone or with prairie hay are explained by the fact that corn-stover was figured at \$2.50 per ton compared with prairie hay and alfalfa each at \$6.00 per ton. The snapped corn cost 35 cents per bushel of 80 pounds, and that fed on the stalk, unhusked, was figured at 31 cents. The results were slightly in

favor of feeding as much corn as is possible on the stalk, though this is the first experiment covering this particular question, and other tests should be made, as is intended, to make it all conclusive. Other comparisons in the experiment, inasmuch as they agree with former results, would seem to make the following deductions safe, viz.: First, that prairie hay and corn without further supplements is an unsatisfactory combination, both from the viewpoint of gains and that of profits; second, that alfalfa and corn are capable of giving large gains without additional foods, but that the substitution of corn-stover which has been cut and shocked immediately after the ears ripen may be substituted for half of the alfalfa with greater economy because of the low market value in the corn belt of such roughness.

SOME POINTERS ON GOOD PLOWING.

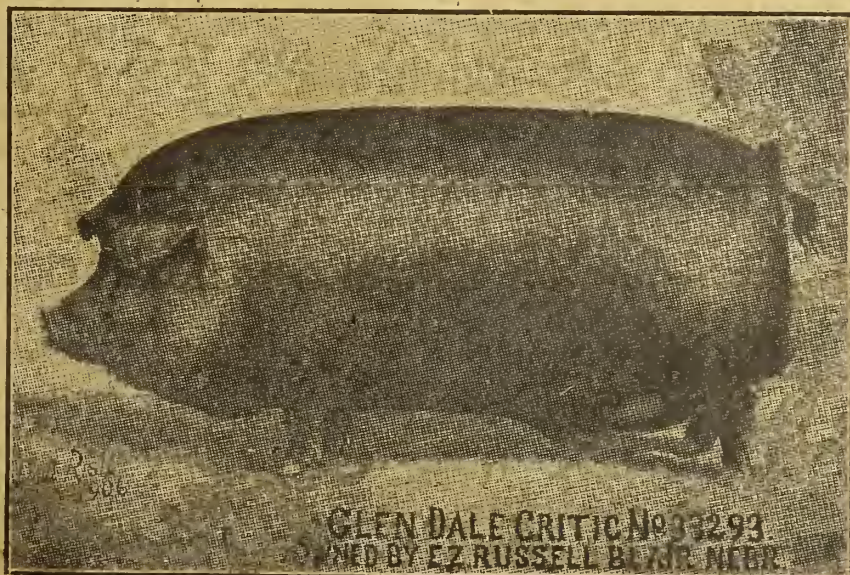
Some time ago we gave directions for plowing land in a certain way so that the ridge would not appear higher than the rest of the plowing when the work was completed. We claimed that this could be done by plowing the first round shallow, the next one a little deeper and the third one the full or normal depth. Mr. Wm. Oxley, of Hancock county, Iowa, a man recognized to be a skillful plowman, submits a different plan for making the ridge on stubble land. Instead of throwing together the first two furrows, he throws them away from one another, thus making a deep double furrow, after which this loose soil, together with the normal furrow, is turned back. Mr. Oxley describes his method as follows:

In order to plow land and not leave a high ridge one should plow straight as a line the first furrow the full depth and in coming back run the cutter exactly where it went the first time. Throw as big a furrow as you can opposite the first, just as wide as possible—the wider the better. Then give your clevis more land and keep the right hand a little the highest, just so you don't plow too wide, but the full depth. Much of the loose soil falls back into the furrow. Coming back hold the plow in the same position. Take a moderate furrow, but just as deep and lay it even with the other. These two furrows make your first round. Now you start on your third and fourth furrows on the second round. Alter your clevis, giving it but little land so you cannot cut a full furrow without holding your left hand the highest. As this round is where the mistake is made, be very careful to lay it even with the first two furrows. Then go your third round, but fix your clevis first just right for a full furrow, and if you have started straight keep on doing so all the time. When I see a man start a straight furrow and then get as crooked as a dog's hind leg I know that man is not doing his best, has no pride in his work, and cannot or don't drive his team straight. You will say that we all use riding plows. In that case plow the first furrow and then let your middle horse walk in it coming back and shift your clevis if it needs it, but I don't think it will. However, see that it is all right for closing in the first round and see that it is just right for the next round or you may make the old mistake. See that the horses pull good and true or you will soon make crooks. Our land is plowed too little for good farming.

On this same subject, Mr. J. H. Co-burn, of Comalby, Okla., says:

I have just been reading in the last issue of your paper about the plowing contest and was considerably interested in the plans you suggest of starting the land. Some years ago I was given some instruction along this line by a Nebraska farmer and have followed it ever since, though I have never seen another man adopt the same plan. After running the first furrow turn and let the near horse walk in the furrow and turn the second one out to the right hand. Your first round in this way simply gives you an open ditch. You are ready then to go ahead and you will find that you can run your plow to the full depth from the beginning without making a high ridge. I am a firm believer in good plowing and believe that we would raise better crops if we used a little more skill in plowing the land.

The plan of throwing out the first



A half interest in this splendid breeding animal, also a yearling boar, Critic's Echo, and about twenty spring pigs sired by Glendale Critic will be sold at Mr. E. Z. Russell's sale at Blair, Neb., on October 15th.

two furrows instead of piling one on top of the other, as is commonly the case, is one that we can heartily commend to our readers. It means in the first place that all the surface is cut and that this in itself is important, especially where perennial weeds are present in the soil. In the second place, it enables one to do the work without piling up a high ridge.

MEETING OF NATIONAL DUROC JERSEY ASSOCIATION.

The following notice has recently been issued by the president and secretary of the National Duroc Jersey Association:

The last annual meeting of the stockholders voted to hold the next annual meeting in Kansas City during the American Royal Show. At a meeting of the board of directors held in Des Moines, Iowa, on August 28th, it was agreed to hold the meeting on Thursday evening, October 11th, at the Stock Exchange, Kansas City.

It has just recently come to our notice that we are incorporated under the laws of Illinois as the National Duroc Jersey Record Company, and all our shares have been issued in the name of the National Duroc Jersey Record Association, consequently we have not a legally incorporated association by reason of the fact as above stated. We are incorporated in one name, and the shares have been issued in another name.

The board have fully considered this matter and find that there is but one way out of the dilemma, and that is to re-incorporate. When we do incorporate, new shares will be issued to each party holding a share in the old company.

Owing to the above fact, no proxies can be used at this meeting, as the shareholders have no shares in a legally incorporated company. It is highly important that every member of this association be at the meeting in person, as at that meeting articles of incorporation, by-laws, etc., must be adopted, and a full organization perfected, such as the selections of officers, directors, etc.

The board very much regrets that it is necessary to do this, but these are the facts, and they must be met.

Let us again urge upon you to let nothing prevent your being at this meeting and taking an active part in the affairs of our association. It is business, so don't neglect it.

By order of the board of directors.

E. Z. Russell, Pres.

H. C. Sheldon, Secy.

We desire to call attention to the fact that the date mentioned, namely, October 11th, comes during the week of the American Royal show to be held in Kansas City on the dates from October 8th to 13th. The American Royal is one of the most up-to-date live stock exhibitions held in the corn belt, and we have no hesitation in advising those who are interested in the Duroc Jersey Association to attend their meeting and incidentally take in the American Royal.

KEEPING MANURE NEAR THE SURFACE.

The following communication has been received from one of our subscribers:

I am a firm believer in the practice of keeping manure as near the surface as possible. My plan is to plow the stubble ground just as soon as small grain is harvested and afterwards top dress it with manure. Last winter I cut and fed to my cattle eleven acres of corn. Had my fields plowed so that I put the manure from the yards on the plowed land during the winter. Any man can go out to that corn field today and tell just where the manure is spread, as the crop will yield considerably more where the land was manured. I would repeat the advice to keep the manure as near the surface as possible so that it will not leach down beyond the roots of plants.

The plan here suggested is a good one under ordinary circumstances. The only objection to it would be in the case of very coarse or strawy manure. If manure of this character is applied during the winter it may dry out to such an extent that it will give a little trouble in working the soil in the spring. Ordinarily, however, there is not enough straw used in the corn belt to make this problem a very serious one.

When cockleburrs or morning glories infest a soil the plan suggested by this subscriber is an excellent one, namely, that of plowing the soil as soon as possible after harvest and applying the manure any time during the fall or winter.

PAVING HOG YARDS.

A Nebraska subscriber, Mr. G. W. Albert, asks for information relating to the paving of hog yards. It is his intention to pave his yards with brick, but he would like to know before taking up the work, from those who have had experience, whether it is advisable or not to prepare a foundation of gravel before putting down the brick. If gravel, sand or cinders are necessary, what would be the advantage of these over the plan of placing the brick on a smooth soil?

We shall be pleased to hear from those of our readers who have had experience along this line. No doubt others besides Mr. Albert will read with interest what experienced men have to say on the subject.

Selecting Seed Corn In the Field.

By George Steen.

Much has been written about picking seed corn, but the subject has not yet been exhausted. The bulk of the seed to plant next year's crop will be picked when the crop is husked, as heretofore. This method is a good one, inasmuch as picking out choice typical ears are concerned, which are more readily found at such a time than at any other. Selecting seed ears from the wagon or the crib is all right as far as type is concerned. There are some other things it is well to take into consideration, namely, the stalk, the leaf and the husk.

Many people say that corn is getting taller. The reason assigned for this is the importation of seed from other states. These, in many instances, being larger and later corns, naturally make more growth. In order to adapt these or any other corn to a given locality, or, in fact, to your farm and individual taste, some selections will be necessary.

A few things I would look for in making selections would be a strong, sturdy stalk, thick at the base, not excessively tall, with an ear not half way up the stalk. Tall, spindling stalks with ears high up are more apt to blow down in a storm. Select ears with short shanks, say about six inches long and not so thick but what they will easily break when husked. Avoid ears with a large amount of husks, preferring those that are barely covered over the tip, as it seems these are the best. Also avoid ears that do not hang down. They catch the rain and may rot. Do not pick ears from broken or down stalks, as they have some inherent weakness. In regard to the leaves, prefer a wide leaf placed not too far apart on the stalk and usually from thirteen to nineteen in number.

Regarding some of the things that determine the earliness or lateness of corn, will say that tall corn is late maturing and tall ears the same; also deep-grained varieties and those that produce big cobs. For instance, if my corn matures too late I must understand how to select in order to make it earlier, picking the first ears that show ripened husks, together with the other points that make for earliness. Late corn is the best yielding and huskels are what we want, but it must mature.

If, however, my corn matures in good time, I would select for larger yields, stronger stalks and uniform maturity. Uniform maturity means much to the corn crop. Soft ears often spoil, requiring sorting, or they lower the grade on the market. If every stalk of corn had a well developed ear of uniform size and maturity it would mean a larger yield and a better grade.

The time to pick is when nearly mature, that is, when you are able to distinguish between the mature and the late ears. Do not pick too early. There is no better place to keep corn than on the stalk and yet pick before frost if you can. A common practice, and one to be avoided, is the custom of picking seed and hanging it in some tree or on a wire outdoors. I have known such corn to be injured in vitality by late fall rains, followed by a freeze.

It is hardly possible to select all seed corn before husking time on account of the time it takes and the inability of finding the best ears. At husking time more attention can be given to proper type and better ears can be found. However, no very critical selection is possible at this time and several times as much seed as needed should be picked. A splendid selection will thereby result when the final preparation for planting is made.

OPPOSITION TO SHIPPING CORN IN EAR.

Our attention has been called to the fact that the railroad classification committee has ordered that railroads under its jurisdiction shall not receive seed corn in crates for shipment. The action of the committee is based upon the fact that a crate is not considered a safe carrying package for ear corn, as it presents too great an opportunity for pilfering as well as the shelling of the corn from the ear.

We feel assured that the committee has made this ruling without full knowledge of the facts in the case. The plan of shipping seed corn in the ear is being

advised by every experiment station in the corn belt. The reason for this need hardly be discussed here; suffice it to say that is the only way by which the purchaser of seed can learn of the general character of his corn. By the old method corn was shelled and placed in a sack, thus affording the best possible opportunity for the scallawag to shell and ship a grade of corn that no man would plant were he given the opportunity to inspect it in the ear. Without question, the plan of shipping seed corn in the ear has done much to increase the yield per acre, as well as improve the quality, and we feel sure that railroads would take no step backward in a matter of this kind.

Just why a crate instead of a tight box should be used in shipping ear corn is apparent only to those who understand the nature of corn. It is almost impossible to air-dry corn perfectly before it is shipped. If it is placed in a tight box more or less moisture is liberated and being confined soon works injury to the germ. On the other hand, with the crate, ventilation is perfect and there can be little danger of damage to the seed en route.

As for pilfering and the action of vermin, it can only be said that those who have been shipping corn extensively in the crate during the last few years report that there is little or no complaint on this matter; that corn properly crated goes to its destination in ideal condition.

THE KIND OF YOUNG MEN WANTED.

An exceedingly small percentage of our young men have the opportunities afforded by a college education. Here and there, however, throughout the central West, you will find homes where one or more members are away at college. In many instances the parents and possibly the brothers and sisters at home are sacrificing in order that the advantages of a college course may be reaped by this member or these members of the family. A considerable number more in the homes of the corn belt have the question of taking a college course under consideration, and therefore we assume that it is the proper function of an agricultural paper to discuss the kind of young man that is most in demand in these days.

One thing that may be kept in mind is this: that there never has been nor never will be enough of the right kind of educated men. The demand for them is growing faster than the colleges can produce them. We do not refer to the especially brilliant kind, but rather to men of average ability who have acquired the faculty of doing things well.

We believe in the boys and girls acquiring all the culture possible during their college course, but let this be incidental to that of acquiring the faculty of being useful. The world is not interested in what you know, but in what you can do. If it is the intention to return to the farm one's education period should keep him constantly imbued with the spirit of farm life. It may be important to learn how to balance a ration, but in learning do not forget that it is a more important thing to feed live stock regularly. We have known more than one man to sit pondering over scientific books while his calves were bawling and his pigs squealing. His theoretical knowledge and his practical ability did not coincide, and the result was failure.

Men who employ help on the farm will be surprised if they stop to consider what a small percentage of their employees can be trusted month after month to keep plows and cultivators from rusting. The labor involved in a matter of this kind is of no importance whatever, as an instant's time will be enough to grease a plow or a cultivator. It is the matter of having the instinct or the ability to see that under certain circumstances these plows and cultivators need the grease. Of course any man will occasionally see the necessity of it, but it is the exceptional one who will always attend to this duty without being told about it. It is this exceptional man that the world is looking for, and in the strenuous struggle he will always outstrip his fellows.

This homely illustration might be taken to heart by every boy who is

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Forty courses of study in Normal, Academic, Commercial and Pharmacy Departments. No other school can offer advantages of affiliation with a great university, courses of such strength that they receive university entrance credits, annual scholarships in the university for best work in correspondence courses. Instructors are college graduates who give their entire time to our work. Inquiries invited.

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spending money on his own education or spending his father's to the same end. Remember that about nine out of ten of the other fellows will let the old plow rust occasionally, and employers in the agricultural world and in the manufacturing industries are waiting for this tenth man.

Sensible education emphasizes the importance of doing the little things and doing them well and on time. The more skill that is put into the doing the higher the price will one's labor command. The average farm boy with average talents who has the opportunity to acquire the useful kind of education that is now being given in our agricultural colleges, especially, should find his talents multiplied five and possibly ten-fold at least. Every walk in life is full of men who can do things nearly well enough, and the supply of that kind is greater than the demand. As said before, however, employers of all classes are waiting with capital to pay for the talent of the man who can carry responsibility gracefully.

A Good Dairy District.

It is not generally known that there is a large area in western Nebraska, northern Kansas and eastern Colorado that is admirably adapted to the dairy industry. This region is diversified by the valleys of the North and South Platte and the Republican rivers and their numerous tributaries. In 1904 land in this region sold from \$1 to \$2 per acre, while in the spring of 1906 it was changing hands at from \$3.50 to \$5 per acre. There is many a man located there who started a few years ago with no assets but strong hands and who is wealthy today.

To insure success a dairyman going into this country should have enough ready money to put up farm buildings and some fences, should have from ten to twenty cows, a team and some poultry. If equipped in this manner he is as certain to succeed, if the elements of success are in him, as if he lived in the corn-belt area. Indeed, he is much more liable to succeed because his investment in the land is but a small fraction of what it would be in the central West.

The range of land prices is wide, running from \$1 per acre for raw grazing land to \$150 per acre for irrigated lands. The Burlington railroad has recently prepared an attractive pamphlet giving full information concerning this promising dairy district. This pamphlet contains a description of the land in a large number of counties, enumerates the crops that are grown in each and gives purchase and rental values in each locality. It also contains a list of land agents specially selected by the Burlington railway on account of their reliability.

Every one of our readers can secure this splendidly illustrated pamphlet free of charge by writing to Mr. P. P. Fodrea, care Burlington Route, Chicago, Ill., if the letter states that the writer is a reader of The Homestead.

ARE YOU GOING ABOARD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseeper points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

REUNION ARMY OF CUMBERLAND, CHATTANOOGA, TENN.

The Chicago Great Western Railway will on October 14th, 15th and 16th sell tickets to the above point at rate of one fare plus \$2.00 for the round trip. Tickets will be limited to October 30th to return, with privilege of extension to November 30th on payment of fifty cents additional. For full information call on E. J. Sawyer, C. T. A., 614 Walnut St., Des Moines, Iowa.

Farm Furrows

Turned by a Practical Farmer.

I spent a good deal of time admiring the steam plow at one state fair. Somehow or other it looked about right to me, but it is far beyond the reach of the ordinary farmer.

If you want tulips the last of September or the first of October is the time to plant the bulbs. Excepting the crocus it is the earliest flower and for beauty it has the crocus beaten a mile.

As I look from the ear window I observe that almost all the corn is standing up straight. There have been but few wind storms to blow down or tangle the corn. This means mighty good husking.

It is really inspiring to go to a fair and see the ap-pul cider man making apple cider out of real apples. In these days of graft and adulteration one scarcely sees any pure apple cider at a fair.

The alfalfa business is yet in its infancy. There seems to be so many things that one can learn about it. This can be learned best by trying a small acreage, though it is too late to sow this year.

At one of the state fairs I saw a man feeding pieces of pine scantling 2x4 and 4x4 in size into a thrashing machine and the cylinder took them in with apparent relish. Good advertisement, it seemed to me.

Some of the best looking corn I have seen this year is in the Missouri Valley. The land is very rich there and the rainfall this season was just about right for that locality and the yield certainly looks like a hundred fold.

A friend tells me that he has succeeded in keeping some large, ripe watermelons until Christmas by placing them inside of a large shock of corn at cutting time. He says they keep well there, provided they are unmolested by melon eaters.

I have observed that a man sometimes builds a double crib in instalments; that is, he will build two cribs side by side, letting the studding project upwards for the support of the roof. Sometimes it is several years before a crib of this kind is finished.

In looking over some fields of corn where very poor stands are apparent it occurred to me that there is slipshod work somewhere. Now I believe one can afford to get some variety of early corn and after the crop has come up and found wanting it will pay to go over with a hand planter and plant in the missing places an early variety that will catch up and ripen with the remain-

der of the field. Try this and see if you like it. Of course it is better to get a good stand in the first place.

The present day haying machinery has taken a great deal of sweat out of the business. In looking at some of the machinery manufactured for this purpose it almost makes one feel that it would be a pleasure to have haying the whole year around.

I recently crossed the Missouri river and while looking into the surging, thickening mass of yellow mud and water I was impressed with the belief that the river would have to be irrigated before it could be navigated. It is neither a stream nor a swamp.

I have seen men sweat and even swear when trying to get salt out of a little shaker in hot weather. A little corn starch mixed with the salt will obviate this trouble. One part of corn starch to two of salt will not be far wrong, and will prevent the sticking.

A pig will get more satisfaction from a shingle or a piece of lath in the hands of its owner in scratching his back than can be imagined. There is a sort of an acquaintance that can spring up that will be both advantageous and profitable. How a pig enjoys it, and it is good for him.

I have seen pigs that acted almost human-like. I have seen them with all the symptoms of the human stomach-ache. I know how they feel and they can't call a doctor. For that reason it is always advisable to keep some wood ashes in the salt so as to correct any trouble of this kind.

The best way to keep up the credit of a farm is to never send anything to market that is not in the very best condition. An unsound cow, horse, pig or a bushel of anything that is not in a strictly first-class condition should never be marketed. Get the highest prices by selling the best. That is the rule.

I recently saw a potato planting attachment that can be attached to an ordinary corn planter and it will elevate the pieces of potatoes and drop them down in very much the same manner as corn is dropped and from what I could see it looked as if it would do good work. I did not price it, but it looked good to me.

I met a man recently that did my first job of thrashing in Iowa. This was in 1869. He had an old "down power" thrasher, where all the hands had to be called when unloading the horse power and that power did not have any eveners, and a free horse could be easily hurt on the power. "Them days are gone."

By having the residence high on the hilltop of cheerfulness no shadows will rest upon it. The morning will come early and the day will be full of golden hours. I do not like the life that reflects a long night and a short day. A home gets cheerfulness from within and this cannot be supplied by the application of paint without.

There is one thing in favor of the compressed air system of water works not always to be found in the gravity system. One can control the pressure and can elevate the water to be used in any part of the house and the boiler and pipes can be located in a frost proof place in the cellar. There should be more complete systems of water works on farms. The best is none too good.

One thing has suggested itself to me while attending the fair and that is that it would be a most excellent plan if fair managers would arrange to let the people see the prize animals more after the awards are made and not be in too big a hurry to get them back in the stalls and pens. The exhibitor is not the only man interested. Fairs are largely held for the benefit of visitors and not solely for the convenience of exhibitors.

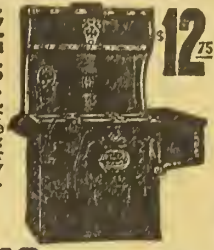
I once thought it very good hog farming to let a lot of hogs hog down a field of corn. I was ungenerous enough at one time to condemn the practice at all times. I have now come to the conclusion that there are conditions where it may pay well to resort to this practice. A small field near the barn planted to corn can be made richer and more productive and be planted to corn

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\$12.75 buys this big handsome, new 1907 model, full nickel trimmed, full size, 6-hole steel range, exactly as illustrated, complete with big deep porcelain lined reservoir, high shelf, warming closet, etc. Very much lower prices if you do not need the reservoir, shelf or warming closet. All shown in our big, free, new, marvelously low priced Special Stove Catalogue.



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\$18.87 buys this extra large, beautifully finished, nickel trimmed heavy steel range, our ACME RENOWN, exactly as illustrated, complete with deep porcelain lined reservoir, high shelf, warming closet, etc. Very much lower prices if you do not need reservoir, shelf or closet. This shows a great reduction in price from what appears in the big catalogue you have. Price reductions on stoves are shown in our big, free Special Stove Catalogue.

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\$19.06 buys this extra large, heavy, self feeding, double heating, return flue base burner Hard Coal Heater, the most elaborate, large, swell, silver nickel, ornamented dome, elaborate nickel base, rim, frame and other trimmings with mica (singlase) swing doors, every known up to date feature, the best base burner made, combining all the good qualities of every other extra big, high grade base burner you can buy for \$50.00. Our new prices, the great reductions and wonderful offers are all in our latest Free Special Stove Catalogue. Don't fail to write for it.

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greatly reduced prices. You will find by comparing this price with the price in our big catalogues that there has been an average reduction in the price of this range of more than five dollars. To get all the reductions, all the great price offerings, all our wonderful new inducements you should write for our Free Stove Catalogue.

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THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Roultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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BARREN STALKS IN CORN FIELDS.

In a count made in a corn field on one of the poor farms operated under the direction of the Iowa Agricultural College it was found that 14 per cent of the stalks in one field were barren. The seed from which this crop was grown was obtained from a farmer living within the limits of the same county. The corn planted was a representative sample either taken from this farmer's planter boxes in the field or from the sack just as it was ready to plant. As the soil was well handled on the poor farm, it is free to assume that the crop was fully as good as would be the case on the farm of the man who owned the seed originally.

What the acreage planted to this seed by the farmer in question was we do not know, but we do know that 14 per cent is a very large loss to suffer from such a cause. Every field of corn has its enemies of one kind or another, so it may be depended upon that this 14 per cent would be doubled by the combined operation of all other enemies of a good yield.

What causes barren stalks? To this question in part an answer may be given based on some work done at the Illinois Experiment Station. It was found there that by removing the tassel before the pollen was shed from all stalks that did not produce ears greatly reduced the percentage of barrenness. There are those who take no stock in the soundness of this theory. However, there are other causes to which no exception can be taken. If, for example, the seed planted is not uniform in quality it will come up irregularly and as a result there might be a considerable percentage of belated stalks. These are shaded by the vigorous plants and as a result we have there barren dwarfs taking up the place of good plants, but producing no corn. The cure is found in the planting of good, sound, uniform seed. Just how to handle corn so that it will be good, sound and uniform next spring is a problem large

You cannot be well unless your stomach and bowels are right.
The thing to right them is
At your druggist's.

Jayne's Sanative Pills

enough to perplex in some instances even our best and most intelligent farmers.

Another cause of barren stalks is the poorly prepared seed bed. As a rule, men are too anxious to get their corn into the ground. Corn stalk ground is plowed, harrowed once or twice and the seed is planted. What could one expect under such circumstances but that the seed bed would lack in uniformity! In some instances the seed will be dropped in a bed of clods. Then again, owing to the fact that the soil has not been worked down so that it is firm, the seed will fall into a regular pocket between the furrows, then a jolt of the planter may leave it near the surface, with the result that the crop stands unevenly. We then encounter the same conditions as that enumerated in the case of the poor seed. The large plants shade the smaller ones and in their struggle for existence they fail to produce ears, but bear in mind they use the fertility and the labor of cultivating them is just as great as it is to cultivate producing stalks.

The problem of barren stalks for next year is to a large extent solved during the next few weeks. We mean that if the crop is to be uniform next year seed must be properly selected in the near future and handled in such a way so that it will all germinate vigorously next spring. Just how and when to pick the seed and where to put it is not a settled question. It will be discussed in these columns during the coming weeks by advocates of various methods.

Dr. Pritchard's Poland China Sale.

One of the most successful sales held so far this season was that of Dr. H. Pritchard, at Wisner, Neb., on September 22d. Forty-nine head sold at an average of \$34.16. It was a particularly good boar sale, the sixteen head averaging \$37.87. P.'s Sweetheart, a fall yearling sow, topped the sale at \$100, and was purchased by Mr. J. G. Von Seggern, of Wisner, Neb., who was one of the very best buyers in the sale. The offering was largely sired by Wisner Chief, a son of Chief Tecumseh 3d, Big Tom 2d, his 900-pound boar, and Perfection Keep On. Below is a list of the entire sale:

No.	BOARS.	Price.
1	Excellence, Wm. Reece, Pilger, Neb.	\$42.50
2	Nodine Perfection, White Bros., Perry, Iowa	60.00
3	Victor, C. J. Hixson, Meadow Grove, Neb.	60.00
4	Success, George Frederick, Pierce, Neb.	35.00
5	Rambler, J. R. Mansfield & Sons, Wisner, Neb.	36.00
6	Nebraska Boy, John Lofgren, West Point, Neb.	35.50
7	Nero, John Von Seggern, Wisner, Neb.	33.00
8	Sir Nodine, same	30.00
9	Wisner Keep On, Gus Pistil, Wisner, Neb.	35.00
10	Petronius, Wm. Rekhsansen, Dodge, Iowa	35.00
11	Iowa Keep On, George Witt, Wisner, Neb.	35.00
12	Xerxes, Otto Gladius, Wisner, Neb.	35.00
13	Ursus, George Frederick, Wisner, Neb.	31.00
14	Disturber, J. R. Mansfield & Sons.	27.00
15	Molestor, J. A. Worrell, Wisner, Neb.	21.00
55	R. W. Hoskins, Tilden, Neb.	36.00
SOWS.		
17	Miss Ham, J. G. Von Seggern	40.00
18	Lidia M., John J. Leahy, Wisner, Neb.	34.00
19	Lady Bacon, John O'Kane, Wisner, Neb.	35.00

WANTED

HUNTER & SMITH,

SINGLE MAN OR MAN AND WIFE to work on dairy farm. Good pay and steady position. Give experience and wages expected. BEATRICE, NEBRASKA.

20	Rugby, D. D. Emily, Wisner, Neb.	23.00
22	Polorus, C. J. Hixson, Meadow Grove, Neb.	23.00
24	White Ears' Pride, W. W. Brown, Meadow Grove, Neb.	35.00
25	Henry Heine, Wisner, Neb.	37.00
27	Josephine, J. W. Pfander & Son, Gravity, Iowa	31.00
28	Perle, V. L. Dimmitt, Wisner, Neb.	21.00
29	Ina, David Herner, Pender, Neb.	32.50
30	George Von Seggern	40.00
31	J. G. Von Seggern	60.00
32	Rixy, John Lofgren, West Point, Neb.	26.00
33	P.'s Sweetheart, J. G. Von Seggern	100.00
34	Ret, C. E. Canning, Meadow Grove, Neb.	21.00
35	Last Girl, John Leahy	23.00
36	Fancy Perfection, John Lofgren	30.00
37	Smooth Perfection, Hoppe & Son, Bancroft, Neb.	25.00
38	Graceful Perfection, W. Schultz, Hoskins, Neb.	24.00
38½	sow, C. H. White, Wisner, Neb.	25.00
39	Prolific Perfection, C. J. Hixson	35.00
40	Camilla, C. J. Hixson	31.00
41	Lygia, J. G. Von Seggern	28.00
42	Eunice, John Leahy	25.00
43	Ivy, J. G. Von Seggern	26.00
44	Clarice, D. D. Emily	25.00
45	Clara, C. H. White	25.00
46	Joyce, John Leahy	24.00
50	Lucy, D. D. Emily	30.00
51	gilt, Wm. Reece	37.50
52	gilt, A. J. Heine, Wisner, Neb.	31.00
55	gilt, same	31.00
53	sow, David Herner	35.00

CHICAGO MARKET LETTER.

Clay, Robinson & Co. write as follows under date of September 22d:

The supply of native beef cattle has been moderate this week and while the market has shown no particular strength values are about the same as a week ago. One of the highest sales of the week was that made by us on Monday for J. Q. McPherrin & Son, of Oakland, Iowa, of two cars of branded westerns, averaging 1,331 pounds, at \$6.60. There has been a scarcity of really choice, well-fattened heaves and a good demand for that class, but the common and inferior grades, as usual at this season of the year, have felt the effect of the increasing competition of the western range cattle which are now in very liberal supply and coming in good flesh so that they are attractive to the dressed beef men. Some of them are even good enough for eastern shipment. We do not look for much change in the native cattle market, at least not in the direction of higher prices for the next few weeks, or until the run of range cattle is over. We therefore think that parties having corned cattle that are ready for market and which they intend shipping within the next few weeks may as well let them come forward one time as another, unless prepared to hold them until after the 1st of November, by which time the range run will be practically over.

All grades of killing cows and helpers have been in good demand and are somewhat higher than the close of last week, extra prime corn-fed heifers being quotable at \$5.25 to \$5.75, medium to good at \$3.65 to \$4.65, with a fair class of corn-fed heifers at \$3.35 to \$3.50. There has also been a very good demand for good fat grass yearling heifers, which have been selling at \$3.50 to \$3.80, which is fully 10 to 25 cents higher than a week ago. Best cutting cows are in good demand at the advance, while canners, as has been the case for a long time past, are in poor demand and hard to sell. Best cutting cows are quotable at \$2.35 to \$2.50 and common kinds at \$2.15 to \$2.30, while canners range from \$2.00 per cwt. for the best down to 75 cents per cwt. for very common stuff. Best fat and bologna veals are in good demand at a shade stronger prices, viz.: \$2.25 to \$2.75, according to quality; veal calves about steady, best bringing \$7 to \$8, and inferior to good kinds \$5 to \$6.50.

Liberal receipts of western cattle now coming to hand afford a very good selection of stockers and feeders and demand has been satisfactory at steady prices. Good to fancy selected native feeders are quotable at \$3.90 to \$4.75 and good to fancy selected native stockers at \$3.60 to \$4.30.

The hog market has held remarkably steady for some time past and present prices are very little different from a week ago, although receipts have shown a considerable falling off. There appears to be a good demand for hogs at present prices and we do not look for any special change outside of the ordinary fluctuations for the near future. Top today is \$6.70, with bulk of good hogs selling at \$6.50 to \$6.65.

There are plenty of sheep and lambs coming just now, bulk, however, being western range stock. While sheep prices show but little decline during the past week, the lamb market has gone off 25¢ to 50¢ on the top grades and 50¢ to 1¢ on the medium and inferior grades, as compared with the recent high time.

The following quotations represent the present market for native sheep and lambs and also for western feeding stock:

FAT STOCK.	
Good to choice export wethers	\$5.50 @ 5.65
Fair to good wethers	5.25 @ 5.35
Good to choice heavy ewes	5.15 @ 5.25
Choice breeding ewes	5.25 @ 5.65
Medium ewes	4.50 @ 4.85
Culls and tail ends	2.50 @ 3.50
Choice yearlings	6.40 @ 6.50
Culls	4.50 @ 5.25
Choice spring lambs	7.65 @ 7.75
Fair to good spring lambs	7.00 @ 7.40
Common to fair spring lambs	6.00 @ 6.75
Cull spring lambs	5.00 @ 5.75
FEEDING STOCK.	
Choice feeding wethers	\$5.10 @ 5.25
Fair to good feeding wethers	4.85 @ 5.00
Choice two and three-year-old	



HARD WEAR
is what the SECURITY BOOT was made for. Try it.

DURABILITY

is what you are seeking. Get it by insisting on having the

SECURITY

LYCOMING DUCK BOOT. It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

SNAG PROOF.

LYCOMING RUBBER BOOTS and SHOES are the best money can buy. QUALITY in every inch of them. If your dealer can't supply you, ask us how to get a pair of SECURITY BOOTS. HAMILTON BROWN SHOE CO. ST. LOUIS.



MONEY SAVING CLUB OFFER.

Greatest Weekly - - The Breeders' Gazette
Greatest Daily - The Chicago Live Stock World
BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address, Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

breeding ewes	5.65 @ 5.75
Feeding ewes	4.00 @ 4.50
Culls	3.25 @ 3.75
Choice feeding yearlings	5.85 @ 5.90
Fair to good feeding yearlings	5.65 @ 5.75
Choice feeding lambs	6.80 @ 6.85
Fair to good feeding lambs	6.50 @ 6.75

OTHER MARKETS.

National Stock Yards, Ill., Sept. 22.—Cattle—Receipts, 1,000, including 500 Texas; market about steady. Hogs—Receipts, 1,700; 5c higher; top, \$6.65; bulk, \$6.45 @ 6.60. Sheep—Receipts, 800; quiet.

South Omaha, Neb., Sept. 22.—Cattle—Receipts, 700; steady. Hogs—Receipts, 5,500; steady; top, \$6.40; bulk, \$6.00 @ 6.20. Sheep—Receipts, 2,500; steady.

Sioux City, Iowa, Sept. 22.—Hogs—receipts 2,600; steady; range, \$5.90 @ 6.15; bulk, \$5.90 @ 6.05. Cattle—Receipts, 100; unchanged.

St. Joseph, Mo., Sept. 22.—Cattle—Receipts, 300; steady. Hogs—Receipts, 2,600; steady to 5c lower; top, \$6.60; bulk, \$5.15 @ 6.35. Sheep—Receipts, none.

South St. Paul, Minn., Sept. 22.—Hogs—Receipts, 800; strong; light mixed, \$6.07½. Cattle—Receipts, 3,500, mostly through stock; market dull. Sheep—Receipts, 100; steady.

New Stove Catalogue

Contains Stoves of Every Kind Sold Direct to the User at Lowest Prices. Our new line of heating and cooking stoves, for all kinds of fuel, made of new iron, in attractive patterns, with every known improvement and up-to-date feature, is ready for immediate shipment, at low prices, saving you 1/2 to 1/3 from the prices that others ask.

The Best Stoves Made. Fuel Savers and Do Perfect Work.

Fully Guaranteed in every respect.

High Closet Reservoir \$24.94

Steel, Square Oven, High Closet Reservoir \$17.40

Coal or Wood Reservoir \$11.96

Self-Feeder \$15.95

Coal or Wood \$3.10

Wood Only \$4.50

Sheet Steel, Lined 89c

Buy no stove until you have seen our wonderful stove offers, our splendid patterns of economical stoves, costing little to buy and so constructed as to use the least possible fuel, all told in our NEW 1906-7 STOVE CATALOGUE

We ship our stoves direct to you from our various store factories in Pa., Ohio, Mo., or Ill., all blackened, polished and crated. We guarantee prompt and safe delivery and agree to take the stove back, pay freight both ways and return your money if you are not more than pleased with your purchase. We have done a Square Business for 35 Years, we will be square with you. Write us whether you need a stove or range for any kind of fuel; tell us to send free New Special Stove Catalogue by return mail.

Montgomery Ward & Co., Chicago
Michigan Ave., Madison and Washington Sts.

Some Principles of Concrete Construction.

BY G. W. MILLER.

Concrete construction, while we think of it as being one of the newest forms of construction, is, as investigation will show, one of the oldest. We are today beginning where the ancients left off and our engineers and architects are devising methods of construction and modes of reinforcement so that concrete today withstands the ravages of time, floods, earthquakes, fires, etc., better than any other building material available.

Concrete is composed of cement, sand, broken stone or gravel. Both natural and Portland cements are used for concrete, but Portland is preferable because of its greater strength and also when exposed to the weather deteriorates less. Within the last few years American Portland cement has shown superiority to the imported and the use of any of the first-class brands now on the market will insure success.

Sand for concrete should be sharp, clean and of graded sizes to give the best results. Pit or bank sand is preferable to river because of its sharpness. If mixed with clay or loam, better results will be attained if washed before using. Both broken stone and gravel are used for concrete and the superiority of either material depends on the material itself, rather than upon the class to which it belongs. In any case, the use of soft sand stone, soft limestone, slate and shale should be avoided, as well as gravel or stone mixed with clay or earth unless washed before using. In size, neither should be used larger than two or two and one-half inches in greatest dimension, unless in very heavy construction. The stone or gravel is better if graded in size than if uniform.

The proper proportions of cement, sand, and stone or gravel to use for any work, can best be determined by an analysis of the material at hand. To determine the amount of sand, ascertain the percentage of voids in stone or gravel. This can be done by filling a box a foot square full of the gravel or stone and then filling level full of water. The weight of water divided by the weight of a cubic foot of water (sixty-two and one-half pounds) gives the percentage of voids in this aggregate. To determine the voids in the sand, weigh a cubic foot of same and subtract weight from 165 pounds, which is weight of a cubic foot of quartz, and this divided by 165 gives percentage of voids in sand.

For example: Assume stone to contain 45 per cent of voids and sand 32 per cent, and we wish to determine amount of sand and stone to use with one sack of cement. A sack of cement contains approximately one (1.03) cubic foot; then the amount of sand would be 3.12 cubic feet, obtained in the calculation by dividing 100 by thirty-two. The amount of stone per cubic foot cement would be 6.92 cubic feet, obtained by multiplying 3.12 by 100 and dividing by forty-five. Ordinarily one sack of cement requires three cubic feet of sand and five of broken stone or gravel.

In fabricating the mixture, the following procedure should be followed: First, the proper amount of sand should be spread uniformly upon a tight platform about eight or ten feet square, and then the cement added. These should be mixed until a uniform color is secured, then stone or gravel thoroughly wet should be added and the mass mixed, after which clean water should be added and mixed until mass appears uniform throughout.

The amount of water to be used de-

pends somewhat on the character of work intended. For most work wet concrete is to be preferred, because a dense mass can be secured with less tamping than with either dry or medium. It has the disadvantage, however, of taking longer to "set" and where forms are to be used over and over again it is better to use a dry or medium mixture.

In placing the concrete in molds, not over six-inch layers should be placed and these layers thoroughly tamped. Dry and medium concrete require much more tamping than wet in order to get as dense a product.

The amount of water to use cannot be stated in definite percentages, but a dry mixture is compared with damp earth, while a wet mixture is defined as "slushy."

After concrete is placed in molds it should always be protected from the sun and should be kept damp after setting either by sprinkling at intervals or by covering with damp earth for a period of a week or ten days. This insures a more uniform "set" and prevents checking or scaling of exterior.

Concrete posts, watering troughs, are growing in favor in recent times. A few tests have been made to determine the relative strength of concrete posts compared with wood, but the following conclusions are from comparative tests made by Prof. C. J. Zintee, of the farm mechanics department of the Iowa State College:

These tests show that white pine is five times as strong as the cement posts tested for steady load, while for sudden jar, there is simply no comparison.

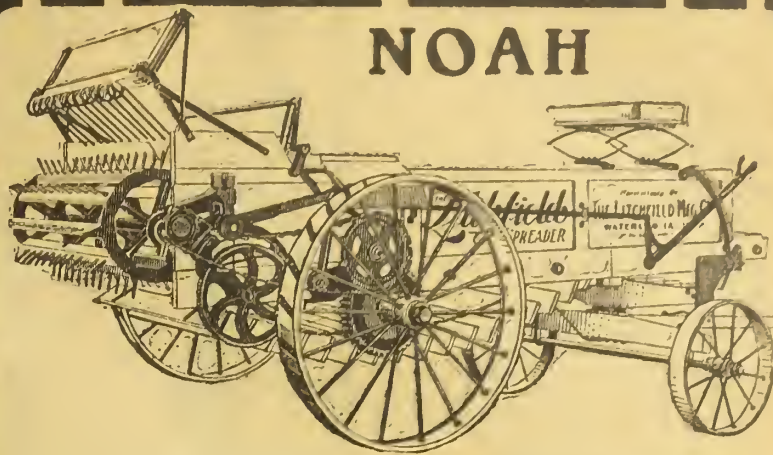
We would very much like to know what is the actual pressure to which fence posts in the field are subjected and how often new posts are broken by animals running against them, as this is the only practical comparison between the strength of cement and wooden posts.

The lower breaking strength should not discourage any one who intends to make his own cement posts. If there is plenty of sand and gravel to be had near by, every farmer short of wood ought to be his own manufacturer of fence posts.

The writer would heartily endorse this last paragraph of Professor Zintee and would also add that very likely these posts were made too "lean" and the reinforcements altogether too light and not correctly placed. It should be stated that these posts were not made by Professor Zintee, but sent him for experimental use.

Before many months we hope to have for readers of this paper the results of tests of posts made with correct proportions and sufficient reinforcement to develop the full strength. Posts should not be used sooner than two months after being made and better to wait six months.

Concrete water tanks have become very popular in many localities because they neither rust, rot, nor deteriorate in any way. For ordinary tanks from six to eight feet long by two to three feet wide and one and one-half to two feet high, the bottom and sides should be six to eight inches in thickness. Forms should be made of shiplap with uprights of 2x4's spaced about two feet apart. The concrete should be mixed "wet" and steel rods one-half inch in diameter should be placed ten inches apart. The gravel or stone should not be over one and one-half inches in largest dimension and in placing the concrete a spade should be used to work back from the faces, so finished work will have a smooth appearance. Tanks should always be built larger at top than bottom, so that freezing will not break the walls. Forms should be left until same



NOAH

"BUILT HIS HOUSE ON SANDY LANDS."

THE ARK was not intended to be a permanent fixture; but the Litchfield Spreader was designed and is being yearly perfected with a view of going down into history as one of the fixtures of this modern age, and is building on a rock foundation.

With the Litchfield Manufacturing Company it is not only a question of the amount of sales on this machine this year or next, but it is a question of how thorough and complete in design and construction this justly popular Spreader can be made. Improvements on this machine must be improvements—not simply talking points or alterations and changes, but if added, they must be good and must be worth the price.

Improvements in design are added as fast as modern ideas and perfected mechanical theories are developed. Besides this, as a result of a thorough organization along these lines, every possible weak point is developed and strengthened systematically. If two parts can be embodied in one with better working results, we consider this a big improvement. If any part that has ever shown the slightest weakness or trouble under severe tests or in the field is not corrected, it is because such conditions have never been discovered.

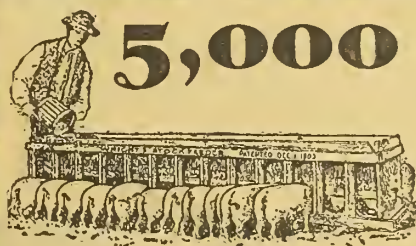
The Litchfield Spreader is today doing the business and doing it right, and is getting the trade that such a machine is entitled to. This is why we say the Litchfield Spreader is being built on a substantial foundation and why it is making for itself a reputation that will stand the test of time.

With the Litchfield Spreader it is not a question of producing a machine that can be sold at a less price than competing spreaders. The first consideration is the question of working results and quality. After this, of course, as a part of modern factory practice every part of the machine is produced along the lines of the most economical method of construction, with a modern factory, and all modern ideas throughout.

If our readers will consider the vitality that is given to the Litchfield Manure Spreader in producing it along these lines, it will be easy to understand the marvelous growth of this modern machine. Guaranteed for five years. Why? Because we can!

Continued next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA



5,000 People

Visited at the tent of Mr. C. A. Wright (the stock feeder man) during the Ia. State Fair

99% of these pronounced the "Wright Feeder" the best and most satisfactory feeder on the market. It saves you money.

\$10.00 Buys feeder and farm right now, and "WRIGHT" pays the freight.

On and after October 15th all prices will be f. o. b. cars Rosendale, Mo. Order today and save the freight. Write for my illustrated catalog.

C. A. Wright, Rosendale, Mo.

P. S. Remember my sale of Duroc Jerseys October 18th. My prize-winning boar under six months at Iowa and my other winners go in this sale.



WANTED

THE NAME OF EVERY PERSON WHO OWNS A HORSE

THAT is out of condition or sick. If you have one that won't eat well, has distemper, or a cough, has become lifeless and lacks "go," looks bad, or has anything wrong with him, we want the chance to cure him for you. Just write us, telling what's the matter and we will send you a bottle of

GRAY'S TONIC PREVENTIVE FREE

On trial. Use it all and if it fails to benefit, it won't cost you one single cent. We mean this and our guarantee is as good as a gold bond. If it does improve your horse's trouble, you pay us after you are satisfied of it. Isn't that fair? Write us about your horse. You don't have to buy. We will tell you free what to do for him. Address,

THE E. E. GRAY CO., 322 CHICAGO AVE., HINSDALE, ILL.

can be removed without injuring the concrete, which should not be over two to three days after placing.

A very good waterproofing for use on inside of tank is a pure cement grout applied liberally with a brush. Two coats should be used to get the best results.

\$3.00. \$3.00. \$3.00. \$3.00.
KANSAS CITY AND ST. JOSEPH ROUND TRIP.

At 10:30 p. m. October 6th the Chicago Great Western Railway will have a popular excursion from Des Moines to Kansas City and St. Joseph at rate of \$3.00 for the round trip. Tickets will be good to return on train No. 4, leaving Kansas City at 11:30 p. m. and St. Joseph at 2:12 a. m. Sunday and Monday nights following. Seat checks will be issued to ladies and gentlemen who procure their tickets early. Tourist sleeping car berth rates \$1.00. For full information call on or address E. J.

Sawyer, C. T. A., 514 Walnut St., or either 'phone No. 423, Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

AMERICAN ROYAL LIVE STOCK SHOW, KANSAS CITY, MO.

For the above occasion THE CHICAGO GREAT WESTERN RAILWAY will sell round trip tickets to Kansas City and return at rate of one fare plus \$2 for the round trip, tickets being on sale October 5th to 9th and good to return until Oct. 15th and by an additional payment of 50 cents until Oct. 31st. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



WE GUARANTEE

that under the same conditions as to power and speed applied, condition of corn, etc.,

The Appleton Corn Husker

will do more and better work than any other machine of like character and corresponding size on the market, that it is simpler in construction, easier in every way to operate, easier and safer to feed and to require less power for successful operation. The proof of these claims is sent for the asking. We make also a complete line of manure spreaders, horse powers, shellers, ensilage and fodder cutters, feed grinders, wood saws, windmills, etc. Remember that Appleton quality is the standard of excellence.

APPLETON MFG. CO., 39 Fargo St., Batavia, Ills.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

Mr. Carl Kirk, of Iowa, sends a sketch of a self-acting gate latch to Successful Farming, as follows: "A latch for a



gate that swings one way may be made as shown in the picture. Take a piece of board about fourteen inches long and six inches wide, slant one end and cut a smooth notch to receive gate. Bolt two strong sticks to the board as shown in cut. Gate will latch itself. To open, press down on either stick."

Mr. Chas. C. Bower, of Indiana, writes the Practical Farmer as follows: "An easy way for one man to handle a large, vicious hog, is by means of a five-eighths-inch rope, ten feet long. Cut off three feet and tie a loop in each end, as shown in cut. Now tie the remaining seven feet to the center of the short rope, midway between the loops. Pass the loops over hind feet of hog, then draw long rope between front feet and over nose, then back again over short rope, pull forward over nose and back again as before and tie. With this arrangement, the hog is in complete control."

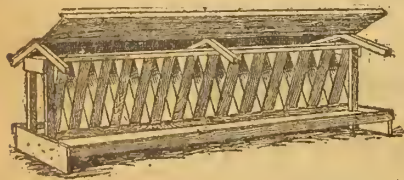


In apple-picking time a handy ladder will be found a convenience. The following from the American Agriculturist shows how to construct a ladder for almost any purpose about the farm buildings and especially in the fruit orchard where the trees are low. It can be made any desired height and the construction is not at all difficult. It is too good a thing to be without, and now is the time to construct it, with the heavy work of gathering tree



fruits just ahead. Use strong material, hickory being admirable for the cross bars.

The accompanying illustration from The Farmer represents a type of feeding rack with troughs that will be found economical for feeding both roughage and ground food. These racks can be cheaply constructed and will last for a number of years. One-half of the roof is put on hinges, so that they can be filled directly from a wagon. If cut silage is fed, it should be put in first, as it will fall



through the rack into the troughs. After the silage is thus properly distributed, the racks can be filled with hay. Twelve or fourteen feet is a good length to build such racks. The frame can be made of two-by-four inch lumber. A two-by-four inch scantling runs lengthwise in the center of the rack and is framed to the bottom cross pieces. To this is nailed on each side at the bottom a one-by-three inch strip for the troughs to rest on. The slats can be made out of two-and-one-half-by-seven-eighths-inch stuff, placed two and one-half inches apart. For outdoor use in



NEW AKIN CORN HUSKER

Just fine for rapid, easy work. Strong and durable. Easy to use. Fits snug and holds fingers firmly together so there's no jar to speak of. Quickly put on.

Adjustable Pin, made of cold-drawn steel, spring, relieves the strain on hand, wrist and arm muscles. If your dealer hasn't it, send 25c and get the Husker that beats 'em all. Smith and Davis, Box 2, Ames, Iowa.



U. S. BUTTER IS THE BEST. MINNESOTA STATE FAIR.

We have used for six years one of your United States Cream Separators on our dairy farm and always found it to be entirely satisfactory. We heartily recommend the U. S. to parties wishing a first-class machine. Our butter made from cream separated by the U. S. on our dairy farm scored 95½ at the Minnesota State Fair this year and was the **HIGHEST SCORE**. We believe that the U. S. Cream Separator has helped us in this contest, as it produces cream in fine condition and of even density.

U. S. Separator Butter, also made in Minnesota, won **ALL** the highest scores in the Dairy Class in **ALL** the contests at the Louisiana Purchase Exposition, St. Louis, 1904.

Butter Sells According to Its Quality. "U. S." Butter Grades Highest.

Write for our fine new catalogue that not only shows plainly how the U. S. "produces cream in fine condition and of even density," but why it skims cleanest, how it is built to last many years, why it is extremely simple, easy running and easy to clean. Everything is made perfectly plain by the many fine engravings of the different parts. Get the book and see for yourself. Ask for "New Catalogue No. 81" and we'll send it at once. Write now, addressing

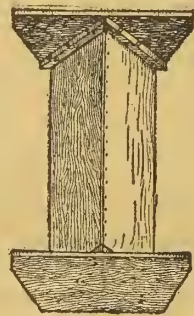
Vermont Farm Machine Co., Bellows Falls, Vt.

PROMPT DELIVERIES. Eighteen Distributing Warehouses.

451

a wet climate, the racks should be roofed, though it is not necessary where the rainfall is light. A one-half inch strip should be nailed to the eaves, so as to prevent the water from dripping in the feed or on the sheep while eating.

Mr. Jesse Scruggs, of Arkansas, sends the Michigan Farmer his plan of a substantial hog trough. He writes: "The table etiquette of our hogs was so bad that they were continually tearing up their trough. The end boards were the most difficult to keep nailed on, for a



BOTTOM

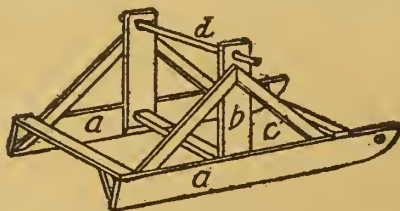


TOP

nail doesn't hold so well when driven in the end of wood, and it soon gets so full of holes one must saw off to whole wood.

Necessity, you know, is the mother of invention, so I got to thinking, and the rather crude drawings given will show the result; also explain better than words how the trough is made. All that is needed to make it is an ordinary amount of constructive ability, a saw, brace and bit—one-fourth-inch—a wrench and twenty-six or thirty small bolts, the length to be determined by the thickness of material from which it is made. One can determine how large strong and heavy to build by the size and number of hogs to be accommodated. This idea may be an old one to most people, but I don't remember ever seeing or reading of it, so I give it for what it is worth."

Mr. T. Burns, of Vermont, sends a description of a barbed wire stretcher to the Farm and Home. The following, to-



runners, a, should be two by six or eight inches and six to eight feet long.

ROYAL PITLESS WAGON SCALE

SOLD on 30 days free trial. For catalog and discounts, address, Monarch Grubber Co., Lone Tree, Ia.

SORE EYES, Granulated or inflamed lids relieved instantly by "Octami." Price one dollar. Satisfaction guaranteed or money refunded. The Idanha Co., Box 363, Kirksville, Mo.

PATENTS Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

ORWIG & LANE, DES MOINES, IA.

SAVING shrink is saving money. Use "Thornhill's S Anti-Shrink." Enough for four cars for \$5. E. C. Thornhill, Joy, Ill. No agents.

gether with the illustration, explains it: "Having much wire to stretch, I arranged a sled, as shown in the cut, for holding a spool of wire while the same was unrolled along the line of fence. The upright post, u, should be of the same dimension two and one-half feet high. The braces, c, may be of one-by-four-inch stuff. Bore holes at top of b in which to insert the iron bar, d, as shown, for holding spool to be unwound. By fastening the end of wire to post and driving off along line of fence, wire is easily laid ready for stretching."

J. S. B., of Maine, sends to the New-England Homestead a sketch of a good brush scythe. He

writes: "A hook for cutting brush, heavy briars and such plants, which is simple and easily made by any blacksmith is shown in the cut. Take a piece of cast steel one-fourth inch square and ten inches long. Use one-half for the blade and the other half for the shank. Draw the end for the blade, a, down nearly to a point, then bend pretty well, as it will straighten in drawing to an edge. Have the bevel all on one side. Draw down true and thin. Then draw the shank down, tapering to the end, and bend about one inch of the end down to go into the snath. An old scythe snath is just the thing. Fasten it to the snath with an old heel ring driven on, the same as to fasten a scythe. Such a bush hook is light to handle. You can cut off a bush an inch or more in diameter with ease. The blade needs about the same temper that you would give a knife. This is much handier than the ordinary bush hook. The blade is not so long, cumbersome nor heavy, and the ease of management will appeal to every farmer who handles it."

We have all heard the inquiry: "Who built his house on sandy land?" This seems to be answered in the advertisement of the Litchfield Mfg. Co., on page 5 this week.

POPULAR EXCURSION TO TWIN CITIES.

The Minneapolis & St. Louis R. R. has arranged to run their last popular excursion this season to Minneapolis and St. Paul on Saturday, October 13th. The train will leave Des Moines at 8:30 p. m., arriving Minneapolis 7:10 a. m. and St. Paul 7:45 a. m. Round-trip rate \$4.50. Berth rate in tourist sleeper \$1.00. Make your reservation at City Ticket Office, 512 Walnut St.



H. C. GUMBEL.

The Man Who Stands Back of the "Knodig" Pitless Scale.

This introduces to our readers Mr. H. C. Gumbel, a successful manufacturer of Kansas City, Mo., who has built up a flourishing business based on the belief that every farmer should possess a scale of his own to weigh what he buys and what he sells. Mr. Gumbel is a man who is in dead earnest and possesses tremendous energy and combines with this sterling integrity. His specialty is the Knodig Pitless Scale—the kind with protective hearings.

Mr. Gumbel's chief aim for many years has been to improve the Knodig scale, and he has put behind the proposition brains, hard work and much money. His scale now is fully protected by United States patents Model A—No. 804164, issued Nov. 7, 1905, and Model B—No. 819959, issued May 8, 1906. After succeeding in producing a scale of absolutely high quality Mr. Gumbel's next move was to place it within the reach of every farmer, stock raiser, elevator man and grain dealer in the country. In order to do this he placed his Knodig factory on a direct selling basis, thus cutting out the profits of all middlemen and thereby saving their profits to the man who uses the scale. The plan of selling directly has met with wonderful success, as indicated by the number of scales that have been put out since the adoption of this plan. Those of our readers who are contemplating purchasing a farm scale should write to Mr. H. C. Gumbel, general manager National Pitless Scale Company, Kansas City, Mo., for a copy of his new scale book. It will be sent free to any reader of this paper who asks for it. See his advertisement on page 9.

Clean Skimming Means Good Living

The hog trough is no place to put butter.

Wide awake farmers want the cream separator that skims the cleanest. It means more profit—better living. That separator is the Sharples Dairy Tubular—the separator that's different.

Sharples Dairy Tubulars have twice the skimming force of any other



separators—skim twice as clean.

Prof. J. L. Thomas, instructor in dairying at the agricultural college of one of the greatest states in the Union, says: "I have just completed a test of your separator. The skimming is the closest I have ever seen—just a trace of fat. I believe the loss to be no greater than one thousandth of one per cent."

That is one reason why you should insist upon having the Tubular. Tubulars are different, in every way, from other separators, and every difference is to your advantage. Write for catalog S-12 and valuable free book, "Business Dairying."

The Sharples Separator Co.,
West Chester, Pa.
Toronto, Can. Chicago, Ill.

OUR DAIRY DEPARTMENT

All communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

CARE OF COWS IN THE FALL.

Each season of the year as it comes around presents its own problems to the dairyman. The time during the next few weeks is critical in a measure, inasmuch as dairymen will find it difficult to keep up the milk flow. Flies are exceedingly bad and pastures in many cases have been picked a little bare. Possibly the cows have had a taste of green corn and as the fodder dries up it is a little difficult for the average dairyman to find a substitute.

The dairyman who has failed to stock a nice lot of corn fodder before this date has made a serious blunder, not only in failing to add to his winter supply of fodder, but because he will be short of an ideal fall feed. We have found that dairy cows may be kept almost to the point of maximum milk flow if they have reasonably good pastures during the fall months, together with a liberal supply of well cured corn fodder once daily. No special harm will result if the fodder contains a little corn, though if the grain is matured it is not wise to feed all that is attached to the fodder, otherwise the ration will be too fattening and the cows will not respond at the pail on such a ration, but will convert the corn into fat for their own bodies.

Where fodder is not available it usually pays to resort to the use of some kind of roughage even when the cows are still on grass. If clover hay is available it will be profitable to feed all the animals will consume at least once a day. Well cured hay of any kind should be used rather than to let the cows pick their own living entirely this time of year.

As to the matter of grain it usually pays to start the cows on a grain ration early. On most of the farms of the central West corn is plentiful, and thus is liable to be fed a little too heavily. It should be used in connection with oats or barley, ground, or mill feeds of some kind. These foods are milk-making in character and their use will not only keep up the milk flow, but will bring the animal into good condition before winter. A ration composed of half bran and half oats, or even bran and corn, half and half, will give good results if it is fed to the right kind of cows. The amount, of course, depends upon a number of factors and should be left entirely to the one who does the feeding. It is possible to feed this kind of a ration to a poor cow in wasteful quantities, while even a good cow might consume more than will be profitable. There is no sense in pouring unlimited quantities of high-priced feed into an old cow that is nearing the end of her lactation period, while in the case of a cow that is just fresh there is less danger of being wasteful in the use of milk-making foods.

One thing should be kept in mind by every man who keeps dairy cows, namely, that if they are allowed to shrink in their milk at any time it is impossible to bring them back to their maximum milk flow in the same lactation period.

BUTTER TEST AT IOWA STATE FAIR

Each year adds more interest to the Iowa State Fair butter test, and this promises to be a more important feature of the fair to come, as the milk scales and Babcock's test estimate quite accurately the true value of the dairy cow. Five Holsteins, three Jerseys, and one Red Polled cow contested for the four liberal prizes, aggregating \$100.00. They were fed at the option of their owners, except that no condiments or drugs were to be fed during the test. The owners were permitted to feed and milk either two or three times per day, as they wished, and for the most part, those who milked three times per day fared best.

Tuesday night, after the cows had finished showing in the ring, they were milked dry in the presence of the director of the test or his assistants, and on the following morning the test began. Each milking was weighed and a sample of the milk tested to determine the per cent of butter fat.

Maryke 3d's Gerben 4th, a Holstein cow owned by C. F. Stone, Peabody, Kansas, won first. She milked in the two days 127.8 pounds of milk, which tested 3.52 pounds of butter fat. Parthenia Hengervelt, another Holstein

IMPORTANCE OF BUYING CREAM SEPARATORS THROUGH LOCAL AGENTS.

This heading voices a most important consideration in the purchase of a Cream Separator, and points a most serious objection to the purchase of such a machine by the "mail order" method, even if good separators were sold in that way.

While the Cream Separator is a simple machine when once understood, it is nevertheless of the greatest possible importance that it be set up and started just right, and that the user have the brief personal use instruction necessary in its handling and operation. If not it may mean several years of difference in the life of a machine and a good many dollars of difference in the results from its use.

Then, no matter how carefully used, things do happen even to the best of separators. It makes a lot of difference if you have a competent man near at hand to tell you just what is wrong and how to fix it. It makes even more difference to be able to get necessary repair parts right and quickly instead of having to send off to some distant concern for them which only sells machines somebody else makes and whose employees would not know a separator if they saw it and the parts for which are more likely to be wrong than right when you do finally get them.

All this is the business of the local agent for DE LAVAL machines. It is just what he is expected to do for users. Of course he makes a small commission out of it, but the user can mighty well afford to pay that commission and it would be a big mistake to try to save it even in the purchase of a good separator. It is still more so in the purchase of the kind which is sold in the "mail order" way.

The buyer of a cream separator should never lose sight of the big DAILY difference in dollars-and-cents results between the good machine and the poor one. A DE LAVAL catalog to be had for the asking, helps to make plain these differences

THE DE LAVAL SEPARATOR CO.

Randolph and Canal Sts., CHICAGO

1213 Filbert Street PHILADELPHIA

9 and 11 Drumm St. SAN FRANCISCO

General Offices:

74 CORTLANDT ST.

NEW YORK.

109-113 Youville Square MONTREAL

75 and 77 York Street TORONTO

14 and 16 Princess Street WINNIPEG

Ia. State Metal Corrugated Culvert Co.



Manufacturers of corrugated metal culverts. Most practical and durable culvert made. Bears any wt., will not break or rust, not affected by freezing. Send for catalog.

Independence
Oskaloosa
Counsell Bluffs
Marshalltown
Ft. Dodge
Lyle, Minnesota.

COILED SPRING FENCE



Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed. 30 DAYS FREE TRIAL and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free. KITSILMAN BROS., Box 290, MUNCIE, INDIANA.

THE AUTO-FEDAN HAY PRESS

3-Stroke Self-Feed 2 Men Can Run It. Satisfaction Guaranteed.

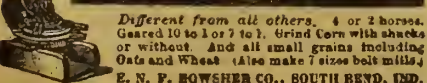


THE AUTO-FEDAN HAY PRESS CO. 1064 Jefferson St., Topeka, Kan.

Don't Miss This YOU NEED A WAGON SCALE

If you intend buying one, send for Osgood's book showing their big line of Pit and Pitless Scales. Most accurate and durable scale made. Fully warranted on 30 days trial. Osgood Scale Co., 103 Central St., Binghamton, N. Y.

BOWSER SWEEP MILLS



Different from all others. 4 or 2 horses. Geared 10 to 1 or 2 to 1. Grind Corn with shucks or without. And all small grains including Oats and Wheat. Also make 7 sizes bolt mills. E. N. P. BOWSER CO., SOUTH BEND, IND.

Wanted men to learn Telegraphy; write J. P. Tighe, care Santa Fe Ry., Arkansas City, Kan.

cow, owned by W. B. Barney, Hampton, Iowa, was second, milking 104.8 pounds of milk, which tested 3.10 pounds of butter fat. Trustee's Lizzette, (Jersey), owned by Geo. S. Redhead, of Des Moines, Iowa, was third, milking 69.8 pounds of milk that tested 3.38 pounds of butter fat; Fourth prize went to another Jersey, Guenon's Lad's Lost Time, owned by Mrs. S. B. Thomas, St. Joseph, Mo.

The butter fat was valued at 25 cents per pound and the skimmed milk at 25 cents per cwt. On this basis the cows ranked as follows:

First, Maryke 3d's Gerben 4th, (Holstein), C. F. Stone, Peabody, Kan., value of butter fat and skim milk, \$1.19; second, Parthenia Hengervelt, (Holstein), W. B. Barney, Hampton, Iowa, \$1.03; third, Trustee's Lizzette, (Jersey), George S. Redhead, Des Moines, Iowa, \$1.01; fourth, Guenon's Lad's Lost Time, (Jersey), Mrs. S. B. Thomas, St. Joseph, Mo., ninety-five cents; fifth, Morey's Golden Lass, (Jersey), Dixon & Deane, Brandon, Wis., ninety-three cents; sixth, Inka Tritornia, (Holstein), McKay Bros., Buckingham, Iowa, ninety-two and two-fifths cents; seventh, Shadeland's Mechtchilde, (Holstein), W. B. Barney, Hampton, Iowa, ninety-two and one-fifth cents; eighth, Princess Pel De Kol, (Holstein), C. F. Stone, Peabody, Kan., seventy cents; ninth, Lala, (Red Polled), Adolph Arp, seventy cents.

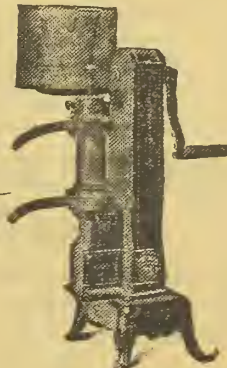
In conclusion, such a demonstration brings us many points for thoughtful consideration.

Between the first and ninth cow there is a difference for the two days of 49 cents. This represents a great difference, but is not greater than the difference between many individuals in most of the dairy herds that are run on a commercial basis; neither is it a greater difference than is found in different herds as we find them in the commercial dairy business.

The first cow represents a profitable investment, while the latter cow, although far above the average dairy cow, does not represent a profit nearly so large.

Princess Pel De Kol is only a two-year-old cow and should be in a class for cows of her own age, for it is difficult for a cow so young to compete with mature cows. Perhaps by another year the Iowa State Fair officials will see fit to put in another class, in which the younger cows may compete one with another.

Every state in the corn belt could well afford to conduct a test similar to this one. Actual performance is the thing in the dairy and the more emphasis placed on this feature by fair officials the more valuable will be the fair to the people.



A Very Lame Excuse

Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

You prevent all this waste by using

Iowa Dairy Separator

What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address, The Iowa Dairy Separator Co., Waterloo, Iowa.

\$25 ON 5 TON IS WHAT YOU CAN SAVE We make all kinds of scales. Also B. B. Pumps and Windmills. BECKMAN BROS., DES MOINES, IOWA.

BUTTER-BRED Holstein bull calves, 8 to 8 months old, sired by Prince Inka, (3/8 A. R. O. daughters), and out of A. R. O. dams, \$50 each. No females now for sale. G. C. Mosher, 606 Bryant Bldg., Kansas City, Mo.

When writing please mention this paper.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

LEGAL HEIRS.

A Subscriber, Frederickburg, Iowa.—A's parents are living. He holds a life insurance policy payable in case of his death to his legal heirs. After he took the policy he married, and two children were born of the marriage. His wife died. The two children are living. Who are his legal heirs?

Answer.—The two children.

FALSE PRETENSES.

A Subscriber, Golden City, Mo.—I have a fine registered mare which I bred to a stallion that was represented by the owner to be a registered French draft stallion, and so advertised by him. Since the colt was foaled I have found out that it cannot be registered, that its sire is not a registered French draft horse, or at least cannot be found on the French draft stud book at Fairfield, Iowa. Can I recover damages?

Answer.—You can recover damages, and besides, you can prosecute the owner of the stallion for obtaining money under false pretenses.

LAWFUL FENCE IN ILLINOIS.

A Subscriber, Tulla, Ill.—A owned a farm and he divided it among his heirs. B bought two of the heirs out. Both A and B are willing to put in a partition fence. Can B compel A to put in a hog-tight fence?

Answer.—If A has divided his farm among his heirs, what has he left to be fenced? According to your statement, A has nothing, having given the land away. Maybe you want to know whether a land owner can compel an adjoining owner to help construct a hog-tight partition fence. He can only compel an adjoining owner who keeps his lands enclosed, to construct and maintain half of a lawful fence on the division line. A lawful fence in Illinois must be four and a half feet high, in good repair, and consist of rails, timber, boards, stone, hedges, barbed wire, or whatever the fence viewers of the town or precinct shall consider equivalent thereto. In counties under township organization, the electors at any annual town meeting may determine what shall be a lawful fence, and in counties not under township organization, the power to regulate

the height of fences is in the county board. Whether or not fences constructed according to the foregoing requirements would be hog-tight, is a question of fact, and not of law.

CHOLERA—DEAD HOGS.

A Subscriber, Hedrick, Iowa.—Where hogs die of cholera, is the owner required by law to burn or bury them?

Answer.—Section 5015 of the Iowa code provides that the owner or person having charge of any swine, any of which die or are killed on account of any disease, shall upon such fact coming to his knowledge, immediately burn the same. The penalty for a violation of this section is a fine not less than five, nor more than one hundred dollars, or imprisonment in jail not exceeding thirty days, or both.

FENCE TROUBLES—COSTS.

A Subscriber, Lorimer, Iowa.—A bought a place in town last March. The place was enclosed by a fence set inside the line, and all the fence belonged to the place. On one side, this fence was composed of wire and pickets, and had become badly out of repair. Three or four months later B bought a place beside A's and took half of the rusty pickets, and the posts off and threw the old wire upon A's land and then put new wire fencing on the posts, and refuses to give up the posts. (1) Can A take out the posts that belong to him or will he have to go to law to get them? (2) Who would have to pay the costs in case of law suit?

Answer.—(1) A will probably have to go to law to get his posts, but this seems a proper case for the fence-viewers. Try them first. Request them to settle the matter between A and B. In case that cannot be done, or in case B is contrary, there seems no way but a law suit. (2) The party who loses the case usually has to pay the costs.

EFFECT OF DEED.

Mr. J. W. Southwick, Kalona, Iowa.—In March, 1860, A deeded to the school district township one-half acre of land which adjoins a cemetery for the price of \$10. Both A and his wife executed the deed. The purpose for which the land was conveyed was not mentioned in the deed. The land was used for school purposes until 1901, when a new school house site was purchased and a new school house built on it. At the annual school meeting in 1901, the electors unanimously voted to donate the land to the township trustees, as an addition to the cemetery. A has sold ten acres of land, including said half acre. He has not returned the \$10 dollars, the original purchase price. To whom does the half acre belong?

Answer.—If the deed made by A and his wife was an ordinary deed of conveyance, containing no clause concerning the use to which the land would be put, it conveyed all the title in fee from A and his wife, and the land is a part of the cemetery, beyond A's control or ownership.

TWO SETS OF CHILDREN.

A Subscriber, Eddyville, Iowa.—My brother died last January. He was a widower and left four children. One was married, but is dead, leaving a husband and six children. (1) Has her husband any right to her share of her father's estate? The children had me appointed their guardian. He had a house and two lots and they want to sell them, and the deed has been lost. (2) Can I get a new deed without going into court?

Answer.—(1) If the wife died before her father's death, then her husband has no right to any of the father's estate, but if she died after her father's death, her husband is entitled to one-third of her share of her father's estate. (2) The last part of the above letter, including the second question, is wholly unintelligible. Go to some lawyer and talk the matter over with him, and let him cross-examine you and find out who had the house and the two lots, also which set of children you are guardian for, and various other things you have entirely missed in your statement.

LANDLORD AND TENANT.

A Reader, Blair, Neb.—Last December B rented a farm from A for \$5 per acre, cash rent. When the contract was made, B asked A to build a shed on the place for hogs, which A promised to do, but he has failed to do it, and claims that the place is not paying, and that he cannot afford to build the shed. B has no witnesses to A's promise, but A does not deny it. Nothing was mentioned in the written renting contract about the shed. (1) Can B compel A to build the shed as he promised? (2) Can B build the shed and deduct the cost of it from the rent? (3) A lease was made for one year beginning on the 1st day of March and ending on the 1st day of March the next year. What kind of notice must the landlord give the tenant to quit when his time is out?

Answer.—(1) He cannot. The promise to build the shed was not put in the written contract and was not a part of it. It was a mere naked promise without consideration, which cannot be enforced. (2) He cannot, for the same reason given in the foregoing answer. (3) No notice to quit or vacate premises is necessary where the time is fixed by the lease. In such a case if the tenant refuses to vacate when his time is out, the landlord should serve on him a writ-

VALUABLE HINTS ABOUT ROOFING.

Do not use rough and uneven lumber for sheathing boards. They should be smooth and of uniform thickness.

Clean off the boards before covering them with roofing material. Loose nails should be driven "home."

Cover your gutters with Ruberoid Roofing instead of tin. It is absolutely water-proof and will outlast the metal.

Do not select a roofing by weight. If you buy a roofing covered with sand or pebbles you pay for half sand or pebbles and half roofing. If you buy Ruberoid Roofing you pay for 100 per cent roofing and no tar, paper, sand or pebbles. It is positively weather-proof and fire-resisting; does not need pebbles or sand to protect it.

Ruberoid Roofing will outlast any prepared roofing made. Facts and figures proving this furnished upon application to the manufacturers.

Ruberoid Roofing is inexpensive. Costs little or nothing to maintain. Any handy man can apply it. Full directions and all necessary fixtures free with every roll.

In laying a prepared roofing the seams of the roofing should run with the pitch of the roof. This permits of easy flow of water. Where gutters are covered this should surely be done.



Ruberoid Roofing applied at right angles with sheathing boards and gutter.

Write the manufacturers of Ruberoid Roofing for a copy of their complete pamphlet entitled "Valuable Hints to the Roofer." It tells you what to do and what not to do.

The first weather-proof, elastic and fire-resisting roofing ever placed upon the market was Ruberoid Roofing. The first Ruberoid roofs laid, fifteen years ago, are still giving satisfactory service.

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ten notice to surrender the premises within three days after the service of such notice, and then if the tenant remains, bring a suit at once before a justice of the peace for forcible detainer and have him put out.

ELECTRIC LINES IN TOWNS.

A Subscriber, Farmington, Iowa.—(1) Can the city council of an incorporated town pass an ordinance granting the use of the streets and alleys for the erection of telephone poles and fixtures? (2) Does the law require a telephone company to obtain a franchise by a vote of the electors of a town before constructing its line therein? (3) What would be the probable cost of a franchise obtained by a special election?

Answer.—(1) By section 775 of the Iowa code, cities and towns are given power to authorize and regulate telegraph, district telegraph, telephone, street railway, and other electric wires by general and uniform regulation, which means by ordinance. (2) But, to lawfully obtain the right to construct lines for any of the purposes mentioned, the matter must be submitted to the electors of the town or city at a general or special election, and a majority of the electors voting, must vote in favor of it. (See section 776, code.) (3) We do not know.

Cancerol Permanently Cures Cancer and Tumor.

No pain. No scar. No experiment. Convincing book will be sent free on request. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

"Noah built his house on sandy land, but the Litchfield Spreader is built on a rock foundation." The story of this machine and interesting information connected with it is published this week on page 5. We trust our readers will look it over.

KNIGHTS OF PYTHIAS BIENNIAL MEETING SUPREME LODGE, NEW ORLEANS, LA.

For the above occasion the Chicago Great Western Railway will sell round-trip tickets to New Orleans at rate of \$25.00 from Des Moines and from other stations at proportionately low rates. Tickets will be on sale October 11th to 14th, having limit to return of October 30th, with extension privilege to November 30th. For complete information inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

The Wabash, "The Banner Route," has arranged for the following low rates, available to the public:

Buffalo, New York, and return, October 10th, 11th, 12th, \$24.15, final limit October 15th.

Toronto, Canada, and return, \$23.55, account Sovereign Lodge I. O. F., final limit October 21st.

For further information address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., 512 Walnut St., Des Moines, Iowa.



Four Burrs Grinding at Once

NO FRICTION. THE GREATEST CAPACITY. LIGHTEST DRAFT. MANY THOUSANDS IN USE.

Four horse mill grinds 80 to 80 bushels per hour. Two horse mill grinds 25 to 50 bushels per hour. We also manufacture the famous Iowa No. 2 for \$12.50. Send for free catalog of mills, cookers and furnaces. Address,

BOVEE GRINDER & FURNACE WORKS, WATERLOO, IOWA.

10c. a Year.

Wild West Magazine, largest, brightest, and finest illustrated magazine in the world for 10c a year to introduce it only. Stories of western life, sketches and fine engravings of grand scenery, mountains and famous gold mines, ranches, etc. Published by an old and strong publishing house. Send at once, 10c a year prepaid, anywhere in the United States, Canada and Mexico. 6 years 50c., 12 year \$1.00. Or clubs of six names, 50c.; 12 for \$1.00. Send us a club. Money back if not delighted. Stamps taken, CUT THIS OUT. Send to-day.

ROCKY MOUNTAIN MAGAZINE Station 5, Denver, Colo.

Gold Watch FREE AND RING

We positively give both a Solid Gold Laid STEM WIND American movement Watch highly engraved and fully warranted timekeeper equal in appearance to a Solid Gold Watch also a Solid Gold Laid Ring, set with a Famous Onyx Gem, sparkling with the dainty brilliancy of a \$50 diamond, for selling 20 pieces of our famous jewelry at 10c each. Order \$1 places and when sold send us the \$2.00 and we will positively send you the watch and ring; also a chain, Ladies or Gents style. ALTON WATCH CO., Dept. 131, Chicago.

FENCE Strongest Made
Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 57 styles and heights of farm and poultry fence. It's free. Buy direct. Write today
COILED SPRING FENCE CO.
Box 20, WINCHESTER, IOWA.

MANLOVE Automatic Gate.
Always in order. Saves time, adds to convenience, safety, value and beauty of home.
MANLOVE GATE CO., 271 E. Huron St., Chicago

This "PEERLESS" Pitless Scale

Laid Down at Your Railroad Station Complete For Only

\$46.50



Why Pay More?

The only real difference between the "Peerless" at \$46.50 and other Pitless Scales selling at \$60 to \$100 is in the frame.

Peerless frames are of wood, the others, costing 33 1/3 to 100% more, are steel; all inside working parts are practically the same.

Then, why on earth should you pay a fancy price when you can buy a thoroughly good scale like the "Peerless" direct from the factory at a saving of all middlemen's profits?

Sold on 30 days free trial. No deposit, no notes to sign, nothing to pay unless you are satisfied, and you are the judge of that!

Let us send you a set. Test them for a month and make up your mind whether they are worth \$46.50. Keep them, if you think they are.

Send for the free "Peerless" Pitless Scale catalog fully describing every part.

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HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

SPRAYING FOR SCALE INSECTS.

On account of the unfavorable results which were obtained by many entomologists and fruit growers in applying insecticides for scale insects during the fall or early winter, this operation has generally been postponed until late winter or early spring, just before the buds swell. The reasons commonly given for this practice included not only the experience which many had had in injuring the trees by early applications, but the belief that the insecticide would remain longer on the tree if applied in early spring. In the case of the lime-sulphur wash, it is obviously an advantage to have the insecticide upon the tree in a satisfactory condition at the time when the young scales are moving about.

According to experiments by J. B. Smith, entomologist of the New Jersey station, it appears that all kinds of insecticides effective against scales may be applied with success in the early fall, even before the trees have become thoroughly mature. In his experiments Doctor Smith used various preparations of soluble petroleum, lime and sulphur, whale-oil soap, kerosene limoid and other preparations. The ordinary scale insects cannot be kept in check in summer, for the reason that the foliage is injured when a sufficiently strong solution of a contact insecticide is used. If, however, applications are made in the fall, after a part of the leaves have fallen off, or as soon as the leaves have turned yellow and the tree gives evidence of being nearly mature, a considerable percentage of the scale insects will still be active, and will be immediately destroyed by the insecticide. The application of ordinary treatments, such as those just mentioned, appears not to produce material injury to fruit trees, even including peach.

Dr. Smith sets October 15th as about the right date to begin the fall application of scale insecticides in average years. The purpose sought in applying the insecticide as early as possible is to catch the scale insects in an active condition, while they are therefore exposed to the action of the remedy. As long as the sap circulates in the tree, some of the scales are active, and since the trees appear not to be injured when treated after October 15th, this seems to be a very good season for making the application. A few of the leaves are injured by early fall applications, and, in general, the foliage may drop off somewhat sooner than it otherwise would. This appears not to be of any moment, however, since the trees come out in spring in a thrifty condition and show no bad effects of the application.

Important Fruit Storage Experiment.

To the Editor of The Homestead:

Iowa orchards are producing a superabundance of fall apples and a proportionate scarcity of late winter fruit. This is particularly the case in the northern half of the state, where there is a great scarcity of hardy varieties of good winter apples. This condition presents two problems of economic importance:

The cold storage of fall varieties, thereby lengthening their season and making it possible to distribute the crop to more distant markets and also at better prices to the grower. The storage of fall sorts for local market and home consumption in winter as a substitute for late varieties. The aggregate amount of fall apples which annually goes to waste in Iowa is enormous. With ample storage facilities and proper methods of handling the fruit both before and after it is stored, there can be no doubt that much of this loss might be prevented and thousands of dollars which are sent out of the state would remain in the hands of the Iowa fruit grower.

While it is well known that the supply of winter apples from the orchards in Iowa does not meet the demand for

home consumption, yet few if any realize the extent to which apples are imported into Iowa from other states. From inquiry among the leading lines of railroads as to the number of barrels shipped in from October 1, 1904, to July 1, 1905, and also from the dealers, it is estimated that during the period referred to the cities of Iowa bought from outside of the state 364,800 barrels of apples which, at the conservative figure of \$2.50 per barrel, means an aggregate cost of \$912,000. It should also be remembered that this refers only to the urban population, which represents about one-third of the total population of the state.

It has been clearly demonstrated by carefully conducted cold storage experiments that many of the fall varieties of apples can be kept two and three months beyond their normal period in first-class condition. A variety varies much in its storage quality under different soil and climatic conditions, and while the leading commercial varieties grown in Iowa have already been tried in storage in older fruit growing sections, yet these tests do not apply to Iowa conditions and the value of Iowa fruit for storage has not yet been determined.

The horticultural section of the Iowa Experiment Station in co-operation with the division of pomology of the United States Department of Agriculture is taking up the investigation of a number of important problems connected with the cold storage of apples grown in this state. Observations are to be made on the keeping quality of different varieties of Iowa apples as related to the age of the tree, the type of soil upon which it is grown, whether it is grown under sod or under clean tillage, the degree of maturity of the fruit, the question of immediate versus delayed storage, of wrapped versus unwrapped fruit, and of a small package versus barrels. The work will be conducted by Mr. H. J. Eustace, expert in fruit storage investigations of the division of pomology, in co-operation with Professor S. A. Beach, of the Iowa Experiment Station.

Fall the Best Time to Plant.

To the Editor of The Homestead:

For many reasons it is much better for the farmer to make up his order for trees and plants now than in the spring. The nurseryman much prefers to receive orders in the fall, because he has more time to fill them and it relieves the spring rush by that much. The bulk of orders are and always will be sent in the spring because it is human nature to delay, but the consequence is that the nurseryman is overwhelmed with orders and many customers do not receive their stock until it is too late for the best results. In the spring a delay by express or freight may mean the loss of half your trees or a puny growth through the summer that means a year's loss of time.

Planting in the fall means that the farmer will not be so rushed with other work that he cannot give it his attention; it means that the tree is dormant and in the best condition for planting; it means that the soil is moist and soft and cool and can be dug into and handled to the best advantage; it means that a delay in shipping entails no serious loss for planting can be safely done at any time during the winter if the ground is not frozen too hard to work.

But if it does happen that the ship-

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The New Protected Bearing "Knodig" Pitless Scale is Fully
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I don't care whether you expect to buy a scale now or in the future, or for the matter of that, whether you ever expect to buy one, send for the "Knodig" book anyway.

It contains over 40 half tone pictures that will interest you, and it is chock full of good common sense from cover to cover.

You just simply can't read this book without getting interested in the "Knodig," and if you don't want one, yourself, I'll take my chances on your saying a good word for my scale to your neighbors.

Why, two-thirds of the thousands of Knodig Pitless Scales now in use in this country were sold as a result of satisfied users telling others about it.

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Please send me, FREE, Catalog, full description, price, etc., of the Knodig Pitless Scale with all details of your New Direct Factory Selling Plan

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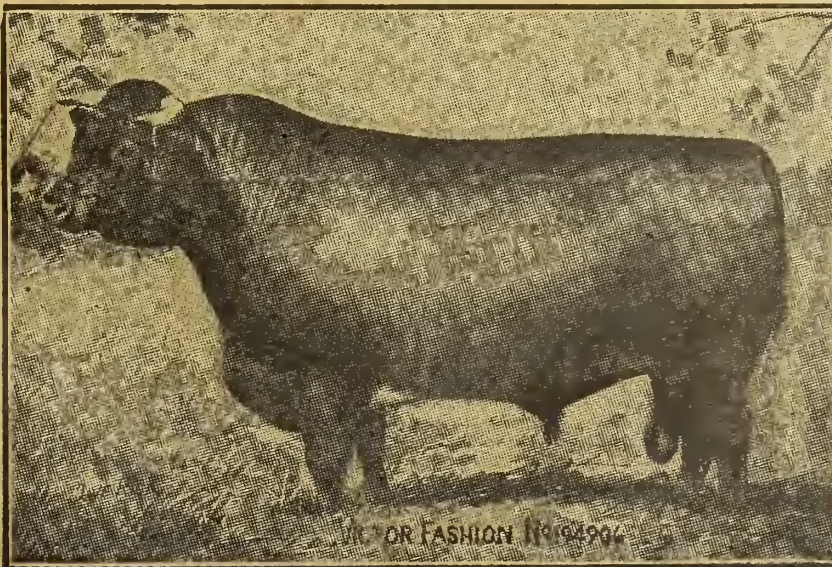
ment is delayed until the ground is frozen, or too wet, or for any reason impossible to work, it is best to heel them out until spring. Heeling out merely consists in digging a trench deep enough

STARK TREES ARE FAMOUS
wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

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to contain the roots and laying the trees down at an angle so that the tops will not be much above the ground. Even if I knew that I could not plant before spring I should still order the stock in the fall and heel it out. The advantage in this is that during the winter the cut ends of the roots will callous over and be ready to send out roots the moment they are planted in the spring. Second, the trees will be on hands ready for planting at the earliest moment after frost leaves the ground and the farmer can seize any favorable opportunity for the work. Third, the earlier trees are planted in the spring, the better start they get; not only are the roots calloused, but the spring rains compact the soil about their roots and they are ready to make a vigorous growth through the summer.
Cape Girardeau, Mo. L. R. Johnson.



Victor Fashion is the sire of some of the good ones in Mr. E. Cosgriff's Short-horn sale to be held at Clarence, Cedar county, Iowa, Tuesday, October 2d. See page 29 for the advertisement.

Autumn Bulbs
Send for our Autumn Catalog of Tulips, Hyacinths, Narcissus, Crocus, Jonquills, and full line of imported bulbs.
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POULTRY.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM, Audubon, Iowa.

ROSE COMB WHITE LEGHORNS. EGGS 75c. per 15; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, leading strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator kits. M. B. Turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

15,000 48 page book for 6c, about these animals that exterminate rats, hunt rabbits. Price list free. Samuel Farnsworth, Middletown, O.

SILVER LACED WYANDOTTES. EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm stock for sale from 14. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

BUFF COCHINS. I will gladly furnish special prices for the next 10 days only. Write Mrs. Amos H. Hanson, Collins, Iowa.

SINGLE Comb Brown, White and Buff Leghorn cockerels for sale at 75c each, from pure winners. F. E. Garrett, Lohrville, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings, \$1.50 to \$3 each, Mrs. L. M. Estes, Audubon, Ia. Route 2.

DOGS.

English Fox Terriers

I AM pricing very fine pups of either sex, all bred from recorded parents. Best strains known. All nicely marked. Write me.

S. J. MILLER, KIRKSVILLE, MO.

SCOTCH COLLIES. OUT collies will do one man's work. Write for catalog. Largest kennels in the west. Geo. T. Underhill, Knoxville, Iowa.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATS! My Scottish Terriers will make them fit. Very fine female puppies from recorded parents for sale. S. W. Barr, Riverside, Iowa.

\$80 per month, expenses advanced. Men to travel, advertise, post signs and leave samples. Saunders Co., Dept. 13, Jackson Blvd., Chicago.

When writing please mention this paper.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

THE VALUE OF SKIMMED MILK FOR HENS.

An experiment was recently conducted by the West Virginia Experiment Station to determine the value of skimmed milk when fed to laying hens. On most farms the skimmed milk is fed to calves and pigs and for that reason many allow themselves to believe that hens are not benefited by it. In the experiments made by this station the milk used was from the separator and for the most part of the year it was sour when fed, being thick in summer.

The hens were kept in houses and runs, one lot being fed skimmed milk and another not. The skimmed milk was used mostly for moistening the mash which was usually fed in the morning. At no time were the hens fed heavily as the eggs were used for hatching purposes and it was not considered desirable to have the hens too fat. The pen which received the skimmed milk laid 248 more eggs than the others, or practically an egg for every quart of skimmed milk they received. The value of the skimmed milk was placed at about one cent per quart, then the food cost was 9.8 cents per dozen for the fowls that had been fed skimmed milk, and 9.3 cents per dozen for the other lot.

During the time covered by the experiment the eggs produced were actually worth twenty cents per dozen. The 248 extra eggs produced by the pen fed skimmed milk valued at this price were worth \$4.13 which would give the skimmed milk a value of 1.6 cents per quart.

In summarizing the results of this experiment it was shown that more eggs were produced when skimmed milk was substituted for water in moistening the mash. At a value of twenty-five cents per dozen it was ascertained that the skimmed milk had a value of two cents per quart. In the experiment 802 quarts of skimmed milk were used resulting in an increase in the egg production of 702 eggs.

MASH AND DRY FEED.

There is a difference of opinion as to the merits of dry and wet feeds for poultry. Both have their advocates.

A flock of hens should be fed with a view to obtaining eggs without producing what is called over-fatness, realizing that it is the full-fed hen that can produce eggs to her full capacity. Director C. D. Woods, of the Maine Experiment station, in discussing this subject before an Illinois Farmers' Institute, recently said: "Several years ago we gave up the morning mash and fed it in the afternoon which produced far better results than when fed in the morning. We found that a full meal in the morning produced laziness, fatness and soft-shelled eggs. These results were not encountered when the birds were required

to eat slowly and exercise by digging the grains out of litter.

"A daily ration for twenty-two hens throughout the year was one pint of wheat in deep litter early in the morning. At 9:30 a. m. one-half pint of oats was fed to them in the same way. At 1 p. m. one-half pint of cracked corn was given them in the same way. At 3 p. m. in winter and 4 p. m. in summer they were given all the mash they would clean up in half an hour. The mash was made of the following mixture of meals: Two hundred pounds of wheat bran; one hundred pounds of corn meal; one hundred pounds of wheat middlings; one hundred pounds of linseed meal; one hundred pounds of gluten meal; one hundred pounds of beef scraps. The mash contains one-fourth of its bulk of clover and leaves and heads obtained from the feeding floor in the barn. The clover was covered with hot water and allowed to steep for three hours, and the mash was made quite dry, allowing only enough moisture to make the meal stick to the wet clover leaves.

"In addition to the feed they had grit and oyster shell before them all the time, and were given two large mangolds to each pen daily in winter. The records of several years show that from fifty to fifty-five pounds of dry mash, not including the clover leaves, were eaten by each hen per year. The quantity of grain was the same every day, winter and summer, but the quantity of mash differed according to what they would eat up in the time allowed them.

"Birds kept in warm houses where the temperature never reached freezing consumed less feed than those kept in cold houses. The whole layed on an average of 150 eggs per hen. Comparisons of the cost of grain rations as a whole and rations where a dry mash was used in egg

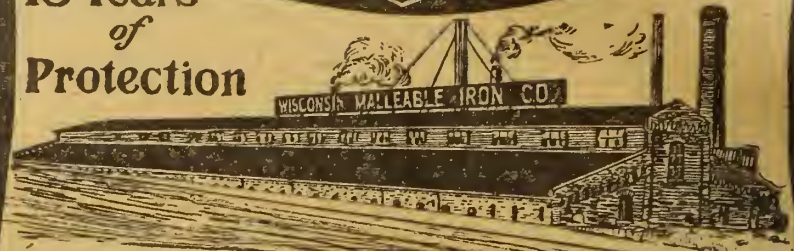


A RELIABLE RANGE MANUFACTURING CONCERN.

Do you expect to buy a stove or range of any kind this fall? If so, we desire to especially recommend the Judson A. Tolman Company, of 7730 Woodlawn Ave., Chicago, who advertise with us. It isn't an easy matter to sell stoves and ranges by mail any more because there are a great many competitors, and a concern that is as unusually successful as this concern has been, and, upon quality and square dealing alone, have built up an enormous range business, deserve special credit. Tolman ranges certainly must give satisfaction because there are sixty thousand of them in use throughout the United States, and in the one state of Michigan alone there are over six thousand pleased users. A large number of our subscribers have bought of the Tolman Company and report the greatest of satisfaction. We know that they would be pleased to send you their catalog, and what is more, you should have a copy. It is free, and you are under no obligations to buy. Read their advertisement and send for their catalog "G" to the above address. They ship on terms so fair that you run no risk, and we recommend them as entirely reliable. See their advertisement on page 15.

BLACK DIAMOND Ready Roofing

18 Years of Protection



The original buildings were roofed with Black Diamond in 1888. Factory usage is particularly hard on roofings on account of the corrosive action of acid fumes in smoke. Then, too, this big area afforded a severe test of the roofing's ability to give good service, without leaks. But when the size of this factory was increased in 1898 the owners put Black Diamond on all the additional buildings.

The first roofs are still in good shape after 18 years. This is only one of many records that we have gathered. And Black Diamond costs less than almost any other roofing on the market! Ask for a free sample.

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ROOMS. \$1.00

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Milk Oil Dip For Cattle, Sheep, Hogs.



Oldest American Dip. Cheapest, most effective, strongest obtainable. 1 gal. can \$1.00, 5 gal. barrel \$30. Catalog Stockmen's Supplies Free.

F. S. BURCH & CO., 177 Illinois Street, CHICAGO.

yields do not show very great advantages of the mash over the dry grain ration. All grain cheapens the cost and the egg yield was not sufficiently depressed to indicate that the ration was faulty in its production.

A SHINING EXAMPLE.

"We know of no more shining example of strictness in representation and liberality in fulfillment than that of Macbeth, of Pittsburgh, the maker of lamp chimneys that fit, that get full light from a lamp, that do not break from heat, and that keep their transparent clearness. It would be money in a newspaper's pocket if printer's ink would not stick to type to print lies.

VERY LOW RATES TO REUNION OF THE SOCIETY OF THE ARMY OF THE CONFEDERATE STATES AT CHATTANOOGA, TENN.

Via the North-Western Line. Excursion tickets will be sold October 14th to 16th, inclusive, with favorable return limits. Apply to agents Chicago & North-Western R'y.

VERY LOW EXCURSION RATES TO DENVER, COLORADO SPRINGS AND PUEBLO.

Via the North-Western Line, will be in effect from all stations, October 13th to 16th, inclusive, with favorable return limits, on account of American Mining Congress. For full information apply to agents Chicago & North-Western R'y.

INTERNATIONAL ASSOCIATION OF FIRE ENGINEERS, DALLAS, TEXAS.

THE CHICAGO GREAT WESTERN RAILWAY will on Oct. 5th and 6th sell tickets to Dallas and return at rate of one fare plus \$2 for the above occasion. Inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

VERY LOW RATES TO NEW ORLEANS, LOUISIANA.

Via the North-Western Line. Excursion tickets will be sold October 11th to 14th, inclusive, with favorable return limits, on account of K. P. Supreme Lodge. Apply to agents Chicago & North-Western R'y.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

A NEIGHING HORSE.

Is there any drug that can be given a stallion to keep him from neighing and squealing on the road that will not injure him as a breeder?

No drug will do any good without hurting a horse. On halter or bridle fit a couple of leather trusses on springs so that they will slightly press above nostrils to shut down on them so as to reduce amount of air that can enter the nostril. Try one nostril first and then both, if necessary.

FOUL IN FEET.

I have six head of three-year-old steers that have sore feet. One has both hind feet sore. It makes them a little lame when they walk. The heels are greasy and cracked and give off a bad odor. Will you please tell me what I can do for them if they can be cured?

Cleanse parts thoroughly and cut away all loose or under-run horn. Then saturate oakum in full strength coal tar disinfectant and bind between toes by means of a small bandage. Heels also should be well covered with the medicated oakum. Renew dressing once daily. Keep cattle out of mud and dirt.

BLOOD POISONING.

I have an eight-year-old gray mare which had the heel tramped off her right hind foot about four months ago. It seemed to get well and I put her to work in plowed ground. This made her lame and caused her foot to swell just above the hoof, and the place has been running ever since. The hoof around the hair is turning down, making a place about four inches from her heel around to the front. Now her whole leg is swollen. I have had a veterinarian treating her, but she is getting worse. What can I do for her?

The case is a desperate one as the wound evidently has become infected and it may be impossible to save the animal. Have your veterinarian give her two drams of Merck's calcium sulphid in sirup on tongue three times daily and if she greatly improves reduce the dose to one dram at a time. Perfectly cleanse the wound; clip away the hair and after scraping out the "pipe" and injecting it with a saturated solution of corrosive sublimate poultice part with hot flaxseed meal containing a few drams of coal tar

disinfectant or carbolic acid. Continue the poulticing for a week; then inject again and blister coronet with a mixture or a dram each of biniodid of mercury and powdered cantharides in two ounces of lard.

CATARH.

Several of my pigs run at the nose as if they had a bad cold, but do not cough, and otherwise are as thrifty a lot as I ever saw and galuing fast. They have all the rapo they want. I feed middlings and a little tankage in slop, using limo water to mix with it, also a little whole rye. What would be good for them?

The pigs seem to have catarrhal cold, or it may have been induced by running in dust which should be carefully avoided. Sprinkle chloride of lime in a pen and turn the pigs into it for half an hour twice a day. Give the sulphate of copper as advised in a recent issue of the paper, in editorial department.

LOSS OF SOWS.

My brood sows are dying. After farrowing they quit eating and drinking and gaunt up and die. I would like to know the cause and the cure.

There is nothing in your letter that would enable anyone to judge as to the cause of death and it will be necessary to have a post mortem examination made to determine the cause. It may be inflammation of the womb from infection derived from dirty pens or other source so that it would be well on general principles to clean up, disinfect and white-wash the hog houses and pens. Also have the sows well exercised and fed plenty of succulent food for a month before farrowing.

WOUND.

I have a dark brown two-year-old mare mule that got its left hind foot cut in a barbed wire fence about six weeks ago. The cut is just above the hoof, behind and below the ankle. It is only a flesh wound, no cords or leaders cut. The sore is about an inch wide and two inches long. It has a little proud flesh in it, and does not heal. I have been putting crude carbolic acid, diluted, on it, but it does not improve. What can I do to take the proud flesh out of it and make it heal?

For three or four days poultice parts with hot flaxseed meal, mixing in each poultice some bran and a couple of drams of coal tar disinfectant. Afterward wash parts clean on removal of poultice; then wet the parts several times daily with a lotion composed of two ounces each of goulard's extract and glycerine in a pint of water. A little oxid of zinc ointment may be applied twice daily as soon as the wound is doing well.

GARGET.

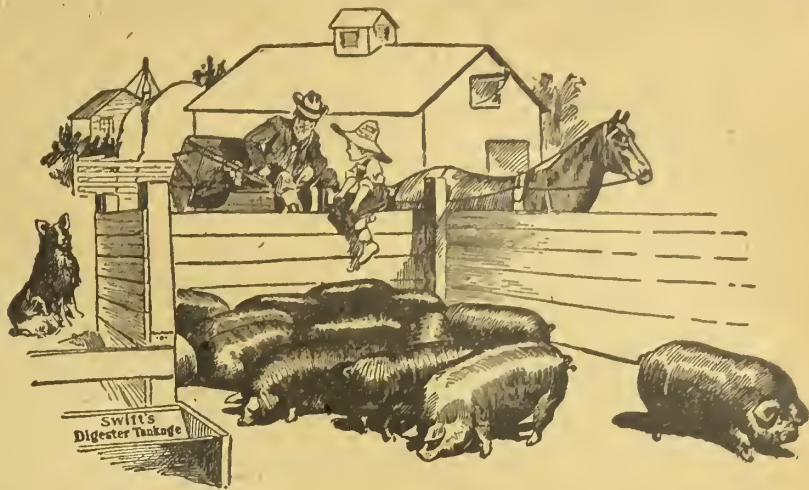
I had a valuable Holstein helper come fresh recently for the first time. She had a very large udder. I milked her out well, but the udder swelled badly and she stopped giving milk. Then I got some watery fluid from the udder which had what looked like thick milk in it. I used hot fomentations on her and reduced the inflammation, but could not get any milk from her. Is there any chance for her to come to her milk now, and if not, the next time she comes fresh? What effect would it have had to have pumped cold air into the udder, the treatment described in The Homestead for milk fever?

There is very little chance that the cow will either come to her milk again this season or at another freshening, as she has a bad attack of garget. It would be well to try inflating the udder with sterilized air as for milk fever; also to continue fermenting the udder with hot water and then rub well with alcohol. Feed to stimulate a flow of milk.

WOUND.

I have a three-year-old brown mule that got cut on the inside of the left hind foot on the barbed wire two months ago. The cut was from the front of her ankle downward, splitting the hoof behind, cutting clear to the bone all around. I put turpentine on it at first, then used a wire fence liniment with sulphur and burnt alum to keep proud flesh down. I then used pulverized alum and burnt shoe sole with cresylic acid in warm water. Am using the sulphur and fence liniment at present. The foot is enlarged on the inside and the flesh below the cut hangs out and makes her foot look crooked. The hoof at the top has an enlarged wrinkle or seam just on the inside.

Cleanse wound perfectly and cut away all loose horn and also the hair and any dead, ragged pieces of skin or flesh. Mix together equal parts of boracic acid, tannic acid and finely pulverized flour sugar and to each ounce of the mixture add one dram of iodoform. Put this in a pepper castor and dust it freely upon the wound and on one side of a mass of antiseptic cotton. Apply the cotton to wound and bind in place with clean bandage. Put a flat, dry piece of sponge over the protruding flap of skin after taking a turn or two of bandage and then go on bandaging. The sponge is to cause pressure upon the bunch and lessen the blemish as the wound heals. Renew the dressing daily. Tie mule so he cannot bite part. When wound is healed up level with skin stop bandaging and wet part several times daily with a lotion composed of an ounce of



Swift's Digester Tankage

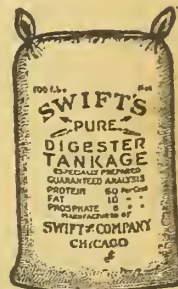
Market hogs fed on Swift's Digester Tankage have a uniform finish with firm flesh and smooth coats.

Buyers Buy Them

And pay highest prices when finished on rations balanced with Swift's Digester Tankage. They look right and sell right. Ask for our booklet "Protein for Profit."

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Animal Food Department, Desk 6
Union Stock Yards CHICAGO



Kills Hog Lice Chloro-Naptholeum Dip will quickly kill Hog Lice and all other insect pests. It will prevent and cure Hog Cholera. It is the best disinfectant for hog pens. Cures all parasitic and germ diseases of Cattle, Horses, Hogs, Sheep and Poultry, and heals their cuts, sores and wounds.

Chloro-Naptholeum Dip

proves its worth before you pay for it. I will send you a gallon, express prepaid, for a two-weeks' trial. If it doesn't kill hog lice in two weeks, you don't owe me a cent. Isn't that fair? Won't you try a gallon at my risk? (If you are located west of the Rocky Mountains, you must pay freight charges.) E. TAUSSIG, Pres. West Disinfecting Co., 21 E. 59th St., New York City

sugar of lead, six drams of sulphate of zinc and two drams of carbolic acid in a pint of water. Label the bottle "poison" and shake well before using.

LAMENESS.

I have a sorrel horse four years old that has a swelling on the inside of the left hind leg. It is just below the top of the knee joint and is about two by three inches, almost square, and extends out between a half inch and an inch. The horse limps a little when he trots. I first noticed the lameness about three years ago, but did not notice any swelling until about six weeks ago. One man said it was enlarged joint and advised me to use tincture of iodine, which I did for a while, but without effect. Will you kindly tell me what to do?

Clip hair from part and blister thoroughly by rubbing in for fifteen minutes a mixture of one dram of biniodid of mercury in two ounces of cerate of cantharides. Wash the blister off in forty-eight hours, then apply a little lard daily. Horse should have a month's rest following the blister. Tie the horse so he cannot bite part while blister is acting. It may be necessary to repeat the blister in one month if lameness is not entirely cured.

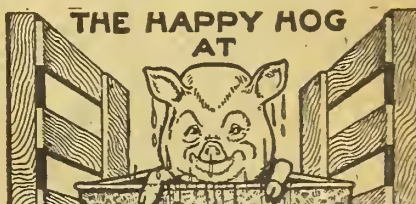
I. O. O. F., DUBUQUE, IOWA.

Account of the Annual meeting of I. O. O. F. and affiliated societies THE CHICAGO GREAT WESTERN RAILWAY will sell round trip tickets to Dubuque and return at rate of one fare plus fifty cents on October 14 to 17th with return limit of October 22d. For further information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

CHEAP RATES TO PACIFIC COAST.

Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for particulars or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

VERY LOW RATES TO BUFFALO, N. Y. Via the North-Western Line. Excursion tickets will be sold at one fare for round trip October 10th to 12th, inclusive, with favorable return limits, on account of International Christian Convention. Apply to agents Chicago & North-Western R'y.



DIPPING TIME

Is happy because he is being FREED from lice that torture and torment. August, September, October, are best months to dip hogs to kill lice. Dip-OLINE, the best Hog Dip, works quickly and thoroughly. It kills Hog Lice, destroys all disease germs, prevents Hog Cholera, saves loss, keeps your hogs healthy and growing. Every hog-raiser needs it. Dip-OLINE is easy to use; the cheapest hog insurance you can buy. Write for booklet and enough dip to make a gallon, FREE.

MARSHALL OIL CO.,
Box 7, Marshalltown, Iowa.

KENDALL'S SPAVIN CURE

It Cures It Lasts

Used 5 Years—Best for Man and Beast.
Grand Isle, Vt., March 20, 05.

Dr. B. J. Kendall Co.,
Dear Sirs:—I have used Kendall's Spavin Cure for both horses and family for the past five years. It is the best liniment I have ever used. I would not be without it.
Yours truly, M. M. Scola.

Everybody who ever used it calls Kendall's Spavin Cure. **The Great Horse Remedy**
Surest cure for Spavin, Ringbone, Curb, Splint and all Lamenesses. Price \$1; 6 for \$5. Greatest liniment known for family use. All druggists sell it. Accept no substitute. The great book, "A Treatise on the Horse," free from druggists or
Dr. B. J. KENDALL CO., Enosburg Falls, Vt.

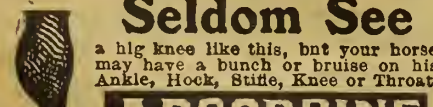


Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes—Boog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be limited. Easy to use, only a little required, and your money back if it ever fails.

Fleming's Vest-Pocket Veterinary Adviser

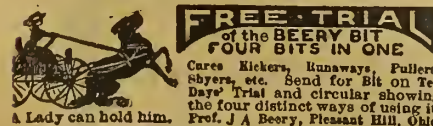
describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.
FLEMING BROS., Chemists,
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ABSORBINE

will clean them off without laying the horse up. No blister, no hair gone. \$2.00 per bottle, delivered. Book 8-C free. **ABSORBINE, JR.**, for mankind, \$1.00. Removes Soft Bunches, Cures Varicose Veins, Varicocele, Hydrocele, Ruptured Muscles or Ligaments, Enlarged Glands. Allays Pain. Mfd. only by

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A. S. ALEXANDER, V. S.
MADISON, WIS.,
Veterinary Editor The Homestead.

CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

Echoes From a Kansas Farm

By Henry Hatch

The genuine hobo has to put up a different story this year; he cannot say there is no work to be had.

People who wonder why Kansas has no real state fair cease to wonder after living here a while; it takes all our time to care for the big crops raised, so we have no time to attend fairs.

Here is the way one of our best farmers puts it: "I can raise more corn by having a field two years in clover and three in corn, than by having it in corn all five of the years." He has it about right.

There is living not far from here a man who tells every newcomer he sees that this country is no good, and that land is not worth half what is asked for it. Why does this man stay here, then? He has no direct answer for the question. Really and truthfully he thinks there is no place like Kansas, and he doesn't want others to buy land he might buy.

A friend of ours was just telling of his experience seeding a field to alfalfa. The field had been plowed in the summer, and, just before seeding time in the fall, a part of it had been double-disked when a big rain came. After the field had dried enough to disk again, he went ahead and finished the field, then turned back and double-disked that which was worked before the rain. On the ground that had been disked four

times, he got a fine stand, on the other only a part of a stand, which had to be plowed up. This indicates that failure is often caused by not working the land enough before seeding.

Ten tons of hay under a good roof is worth fifteen tons stacked outside. We have found this out by actual experience.

You get a poorer grade of lumber now for \$30 a thousand than could be bought eight years ago for \$20 a thousand. The increasing scarcity of timber is responsible for probably \$2 of this raise in price, the \$3 is caused by organization of the lumber dealers. Trust methods are costing the farmers of the West thousands of dollars every day.

Less than a month ago we heard a farmer who has the price of a good eighty-acre farm in the bank say he could not afford to own a disk harrow. When he has fall plowing to work down, or ground to get ready for small grain in the spring, he hauls out his cultivators and goes at it. One man with a disk could do as much as two would with cultivators, and do it easier on the four horses. He seems to think he cannot afford to spend \$28 to save, all told, the work of one man for two weeks each year, and a lot of horse-flesh besides.

Most all of us know better than we do. There are hundreds of thousands of farmers in this country who decide, about this season of the year, that they will farm a less number of acres next year, but farm them better. Next spring it turns out to be the same story with nine-tenths of them—they farm as many acres as they did before. It would be for the good of many portions of the western country to be more thickly settled than it is.

There are times in a person's life when absolute silence seems louder to him than the blowing of a hundred whistles. For instance, to look back as you turn off a row at the end and see the twine looped out of the twine box on your corn binder, to a stub thirty or forty rods back, makes the silence seem strong enough to you to overcome all the noises for five miles around. No man can whistle then as he winds in the twine.

Last spring we took particular care to select seed of kafir corn that was not smutty last year. It was planted on ground that had not raised kafir corn since seven years ago, and with a new planter, yet it shows the usual amount of smutty heads. We have come to the conclusion that the only way we will ever be able to grow smutless kafir corn will be to disinfect everything on the place, and everything that comes on the place.

One of the mistakes we made about this time last year was in cutting corn too green. The ears were ripe, but the blades and stalks were still quite green, the same condition corn is now in; and a series of rains coming right after it was put in shock molded the fodder. We find that the usual advice to cut corn when the kernels are well dented is something that can well be taken with grains of salt. You must take into consideration the brand of weather that is being manufactured about that time. If it is dry and windy, go ahead with the cutting; if still and dewy every morning and showery two or three times a week, better wait awhile.

The Rev. John Watson (Ian Maclaren) is degenerating into a punster. At a dinner not long ago the conversation turned to the art—or crime—of punning and Mr. Watson ventured the opinion that he could do very well in that line, offering to try then and there. He sat silent for a few moments and Hall Caine, who was among the guests, exclaimed: "Come along, Watson, we're all waiting." The preacher-punster replied at once: "Don't be in such a hurricane."

EXCURSION TICKETS TO COUNTY FAIR AT OGDEN, IOWA.

Via the North-Western Line, will be sold at reduced rates on Sept. 24th to 25th, inclusive, limited to return until Sept. 29th, inclusive. Apply to agents Chicago & North-Western R'y.

BUFFALO, N. Y.

On October 10th, 11th and 12th the Chicago Great Western Ry. will sell round-trip tickets to Buffalo and return at rate of one fare plus \$2.00. Return limit October 19th. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

1/2 THE PRICE IS WHAT YOU SAVE WHEN YOU BUY A RANGE, COOK STOVE OR HEATER FROM US



We have all kinds from the smallest laundry stove to the largest range and the finest base burner. We can supply any need in the stove line at the lowest factory prices. You save all the jobbers, dealers or peddlers' profits by buying direct from us.

30 DAYS FREE TRIAL

If you wish, in your own home, an opportunity to judge of the high quality and the low price. You take no risk. We will pay all the freight charges if you are not satisfied with your purchase. We have our own big factory making our stoves and every one is

GUARANTEED FOR FIVE YEARS

You do not have to wait; we have all our stoves in Kansas City. We are ready to fill your orders the same day they are received. We guarantee safe delivery. Our big catalog is ready for you. Do not buy before getting our catalog and prices.

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First-class daily through service from Des Moines to Council Bluffs, Omaha, the Black Hills, Wyoming, Colorado, Utah and the Pacific Coast on the west; to Sioux City, Mankato, St. Paul, Minneapolis, Superior and Duluth and all points in North and South Dakota, Minnesota, Northern Wisconsin and Michigan on the north, and to Chicago, Milwaukee, Peoria and the east, over

The Only Double-Track Railway Between The Missouri River and Chicago

This complete service includes electric-lighted trains of the most modern type with all provisions for safety, comfort and speed.

The Best of Everything



For booklets, maps, train schedules and full information apply to any ticket agent of The North-Western Line or address

L. F. BERRY,

General Agent, C. & N.-W. Ry.,
401 Walnut St., DES MOINES, IOWA.

Free Catarrh Cure

Bad Breath, K' Hawking and Spitting Quickly Cured—Fill Out Free Coupon Below.



"My New Discovery Quickly Cures Catarrh"—C. E. Gauss.

Catarrh is not only dangerous, but it causes bad breath, ulceration, death and decay of bones, loss of thinking and reasoning power, kills ambition and energy, often causes loss of appetite, indigestion, dyspepsia, raw throat and reaches to general debility, idleness and insanity. It needs attention at once. Cure it with Gauss' Catarrh Cure. It is a quick, radical, permanent cure, besides it rids the system of the poison germs that cause catarrh.

In order to prove to all who are suffering from this dangerous and loathsome disease that Gauss' Catarrh Cure will actually cure any case of catarrh quickly, no matter how long standing or how bad, I will send a trial package by mail free of all cost. Send us your name and address today and the treatment will be sent you by return mail. Try it! It will positively cure so that you will be welcomed instead of shunned by your friends. C. E. GAUSS, 7190, Main St., Marshall, Mich. Fill out coupon below.

FREE

This coupon is good for one trial package of Gauss' Combined Catarrh Cure, mailed free in plain package. Simply fill in your name and address on dotted lines below and mail to

C. E. GAUSS, 7190 Main Street
Marshall, Mich.

GREAT NORTHERN RAILWAY

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From St. Paul and Minneapolis
\$33.00 From Chicago

Equally Low Rates to Points in
Montana, Idaho, Washington, Oregon and
British Columbia
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Great Northern Railway

Every day until October 31st inclusive
Liberal Stopover Privileges

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When Writing To Advertisers Please Mention This Paper

DAY BY DAY

Agricola

One of the permanent institutions of the land is now the county fair. It is expected as much as the autumn.

This week our fair was held and Agricola of course attended.

The grounds were a quarter of a mile outside the city upon an excellent field for the purpose.

Each agricultural department had its own hall, and the handiwork of the ladies, such as needle-work, pictures, etc., had its special booth.

Needle-work, elaborate quilts and coverlets, are very interesting, and table and stand covers very much so.

That mind isn't as civilized as it should be which does not enjoy such things.

A home adorned with such is generally free of trouble. It is a happy home.

There were hundreds of buggies and carriages hitched to horse-racks and to the fences.

Agricola walked along the line and reached the conclusion that farming in Iowa, at least, was a prosperous calling.

Why, the farmer rides as luxuriously as the president of the United States; and we have the idea that he enjoys it better than the head of the country does.

The apple show was immense. This end of Iowa is one of the homes of good apples.

In Agricola's grounds apples are going to waste. It is so all around us. You can hardly sell them at any price.

In the poultry house the show was wonderful. There were breeds not larger, scarcely, than one's fist, and others as large as turkeys. There were first-class turkeys, too.

We remember when a lad of seeing wild turkeys in father's woods "back yonder in Ohio."

And black and gray squirrels in the same tree. Sometimes, too, we had nothing to eat in the house, except hominy which mother made, and fat pork.

But we boys flourished on the diet.

There were some of the biggest horses that we ever saw at this fair. They reminded us of the dray horses which we saw once when visiting the city of New York. They were hauling freight to and from the big ships in the harbor.

There were horse races going on all the time. One spurt is all we can stand at a time. After the race the grooms would lead the horses around until they cooled off somewhat.

There was a pen of the largest geese we ever "sot eyes" upon. They were not of the wild species either.

All sorts of farm machinery were on exhibition. We noticed, too, that numbers of farmers were viewing them and listening to their merits set forth by the exhibitors.

The Scotch Short-horns were very fine. There were quite a number of Herefords. The white-faced fellows and the cows were pictures.

It must take lots of work to get up a show animal.

Cream separators were in evidence.

The separator saves our womenkind lots of labor, and besides, there is money in their use.

The corn exhibit was large and very interesting. However Agricola can go into his own field and gather wagon loads of just as good.

We are picking and hanging up in the barn as fine ears as we can find for seed. Iowa, as a state, can beat the world for corn.

There were monstrous pumpkins and squashes. The cows are now getting pumpkin night and morning. That is, many are.

The plum show was very poor. The plum tree should be pruned severely.

The domestic plum should not be in thickets, we think.

If you remember, the best wild plums were invariably along the borders of the swales and the edges of the prairie. They are now on our hundred acres of woods.

The largest onions that we ever beheld were in the fruit hall. A small, very small one, is all we can worry over at dinner.

There was a glorious show of asters. This flower is of the autumn. They were on hands in all their variety.

All kinds of flowers which are now in bloom were present and we enjoyed them very much.

The thrifty madams must be proud of their canned fruit, for there was lots of it on the tables.

In the fall we men folks feel as if we wouldn't care to see fruit for years again. But when winter roars without and snow flies and fills the skies, we wade in on it and bless the ladies for putting up so much.

However there is a criticism which should be made, viz.: The poultry hall was entirely too dark to do justice to the exhibit.

Poultry "needs light" as well as anybody. One cannot have too much light on any subject.

It can easily be seen how profitable county fairs are. They stimulate to effort for excellence, which results in benefits in every direction.

They bring farmers together and thus give opportunities to compare views and they are indeed of great profit in every direction.

The weather was wet, yet we did not see that it subtracted from the attendance.

And when the next comes round
May we be there to see.

IN THE GREAT SOUTHWEST.

The normal school building at Stanberry, Mo., was recently destroyed by fire. Two hundred students attended the college, but only the president's family lived in the building and they escaped uninjured.

A disastrous tornado struck the town of Elgin, Oklahoma, the 15th inst., and did a great deal of damage.

The court house of McDonough county, Mo., was broken into recently and some of the records taken away. Red pepper was scattered along the trail of the robbers to prevent the use of bloodhounds.

Thomas Cantrell, a prosperous farmer living near Thayer, Mo., recently met death in a peculiar manner. While out in the timber with a youth he saw a squirrel. He found a rock and hurled it at the squirrel, but it hit the tree and in rebounding struck him on the head and fractured his skull. Death followed almost immediately.

The farmers of several Oklahoma counties have refused to attend county farmers' institutes on the same dates that circuses appear at the county seats, and Secretary McNabb, of the board of agriculture recently announced the following change of dates, that the farmers may attend both: Norman, November 23d and 24th; Newkirk, November 26th and 27th; Perry, November 28th and 29th; Enid, November 30th and December 1st; Pond Creek, December 3d and 4th.

State game warden of Missouri is seining all the fish out of the lakes, but the game fish, and hereafter there will be no inferior fish in the lakes.

A rural mail carrier of Warrensburg, Mo., has just received news that his wife has fallen heir to a fortune of \$30,000. She inherited her fortune from her uncle.

Mrs. Mannie Staples, of Mangum, Okla., who has six children who have Indian blood in their veins, was recently notified that she had complete possession of lands and money to the value of \$50,000. Mrs. Staples and her children will each receive \$50 per quarter since their birth and a quarter of section of land each in the Choctaw Nation.

Louis Finchler, whose brother Fred, is a well known live stock man of Kansas City, was the winner of a silver mine

An Edge Test

Perhaps your knife, when newly sharpened, will cut paper, but whittle hard wood for a few minutes—then try it. If you want a Knife, a Saw, a Chisel, a Plane, a Drawing-knife, or any edged tool that will hold its keenness through long, hard service ask for the kind marked

KEEN KUTTER

This trademark covers a complete line not only of edged tools, but tools of all kinds. Saws, Hammers, Screw-drivers, Files, Pliers, Glass-cutters, Ice-picks, also Garden and Farm tools, such as Forks, Rakes, Hoes, Shovels, Scythes, Manure-hooks, Grass-shears.



For 37 years Keen Kutter Tools have been sold under this mark and motto: "The Recollection of Quality Remains Long After the Price is Forgotten." Trade Mark Registered.

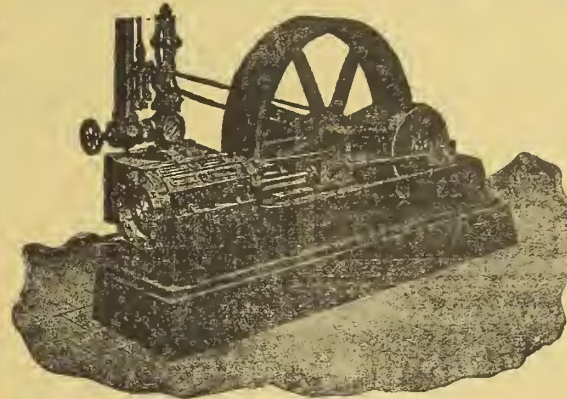
If not at your dealer's write us.

TOOL BOOK FREE.

SIMMONS HARDWARE COMPANY, St. Louis and New York, U.S.A.



STEAM ENGINE FOR SALE AT A BARGAIN



A Frost, automatic, side crank, 8x13, left hand, rated thirty horse power, speed 250 revolutions per minute. Fly-wheel drive, 48x10; three-inch throttle; outboard bearing with adjustable sole plate. This engine is in prime condition, will operate on a 2 per cent variation and would be suitable for belted generator or any other service where steam power can be employed. Address for price and full particulars,

Homestead Co., Des Moines, Iowa.



WE CURE
ALL MEN'S
DISEASES



Reliable Doctors

WE are the oldest established firm of Specialists in all diseases and weaknesses of men in the west. We cure after others fail. This is why men travel across the continent to consult us. We treat all Chronic, Nervous and Special diseases, Nerve Debility, Loss of Strength with attendant evils, Varicose or Knotted Veins, Rupture, Blood Poison, Skin Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

Reference, Any Bank or Business House in the city.

CONSULTATION FREE
Write if You Cannot Call.

Drs. Fellows & Fellows Co.
323 W. WALNUT ST., DES MOINES, IOWA

valued at \$40,000 in a drawing which took place at Juarez, Mexico.

A north bound freight train went through a bridge on the South Canadian river near Carleton, Okla., on the 18th. The engineer is dead and the fireman who is missing is probably under the locomotive.

Mr. J. W. Robinson, member of the board of railroad commissioners, of Kansas, says there has been a great deal of loss in alfalfa in his county on account of "spontaneous combustion." There has been so much rain that farmers have had to stack the alfalfa between showers. The damp hay heated and finally burned up.

Buyers of horses for the Cuban army are in the vicinity of Junction City, Kan. One buyer has said he wants to buy 1,500 horses. The kind sought are cheap horses and those far bel w size.

Two cases of Texas fever in Kansas

are keeping the live stock sanitary commission busy. One case is in Greenwood county. A farmer took some cattle to Kansas City, on which were found some ticks. He had noticed the ticks, but did not know they were dangerous and did not know that they were fever ticks. His cattle on his farm have been quarantined and preventive measures used.

The citizens of Wellington, Kan., will have natural gas furnished them at thirty cents per thousand when a company which has just been granted a franchise, gets in its mains.

T. V. Howe, a stock buyer, of Chapman, Kan., fell off his porch and accidentally broke his neck, dying immediately.

ONLY \$4.50 TO MINNEAPOLIS AND ST. PAUL AND RETURN.
Via the Minneapolis & St. Louis Ry. Popular excursion Saturday, October 13th. The last chance to visit the Twin Cities at a low rate. Tourist berth rate \$1.00. City Ticket Office, 612 Walnut St.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

STARTING WITH SHEEP.

We have an inquiry from a new subscriber who wishes to know something about sheep. Although an old industry there are many things about their management that are new to those who have not engaged in the business. The sheep industry is just now on a boom and in some respects it is not the best time to start in the business. We do not wish to be understood as saying that no one not now in the business should embark, for we do not mean that. We mean that caution and excellent judgment must be exercised in starting in when sheep are commanding present prices.

The writer referred to above asks whether it would be better to start with a flock of pure breeds or get some common ewes and breed them up. This will depend largely on the person, but as a rule it is safer to start with a few ewes that can be bought at a reasonable price and by the use of good rams one can soon have a high-grade flock. We would not say a word against starting with pure-bred ewes, but there are so many things to learn by the amateur that it is not considered advisable to do so.

In the first place a pasture should be provided with a sheep tight fence and this land should be slightly rolling, or at any rate it should not be wet. A few ewes not older than three years should be bought at the best price for which they are obtainable. A three-year-old ewe will have three pairs of adult or broad front teeth in the lower jaw. Two pairs represent the mouth of a two-year-old, and sheep get one pair each year until four pairs are visible, when they are called "full mouthed." We recommend sheep of this age for the reason that they are then at their best. Young ewes should not be bred and old sheep will sometimes prove disappointing.

The breeding season is now approaching and we wish to say that it is impossible to get a ram that is too good. In no better way can a flock be built up than in the purchase of good rams. If good warm quarters are at hand for the lambing season we would not hesitate to turn in the ram in October, but if such quarters are not available we would not turn in the ram until the first week in December. The gestation period of a ewe is twenty-one weeks, and it will be easy to compute the time of breeding. The ram should be well fed and should be taken from the flock twelve hours of the day, either in the daytime or at night, during which time he should be well fed. If the best results are to be obtained the ewes should be coming up in flesh at the time they are bred. If low in vitality at breeding time the lambs will be weak. If they are coming up in flesh they will continue to thrive and the lambs will be



GUARANTEE

DR. HESS & CLARK

ASHLAND, O.

DR. HESS STOCK FOOD
We guarantee that Dr. Hess Stock Food fed to Horses, Cattle, Hogs and Sheep will increase the powers of digestion so that a larger percentage of the nutrition in the food will be digested and converted into profit; also that it will cure and prevent stock disease.
We guarantee Dr. Hess Stock Food to cost less than a penny a day for Horses, Cows or Swine, and that it will require but one tablespoonful (1-24 of one pound) per day for an average hog.
We guarantee that three pounds of additional live weight per average hog will cost of feeding Dr. Hess Stock Food one month.
We guarantee one pound of additional live weight per average hog will cost of feeding Dr. Hess Stock Food one month.
We guarantee to refund every cent paid us if Dr. Hess Stock Food does not pay for itself many times over besides curing and preventing diseases, and authorize every dealer in our preparations to do likewise.
Remember this farm paper is back of our guarantee.

It Means What It Says

Dr. Hess Stock Food is always sold under a positive written guarantee. If it does not do all we say it will, your money will be refunded. This guarantee is not a "grandstand play." It is not put out with the belief that anyone who is disappointed would rather say nothing than ask for their money back. If anyone is not satisfied with the results obtained by feeding Dr. Hess Stock Food, we ask and expect that they will get their money returned. We issue our guarantee to show that we, who know Dr. Hess Stock Food better than anyone else, believe thoroughly and sincerely in its efficiency.

DR. HESS STOCK FOOD

was formulated by Dr. Hess (M. D., D. V. S.), who is a physician, a veterinary surgeon and a stock feeder of long experience. The prescription was used by him in his private practice with great success before the food was placed upon the market. Hence our faith in this preparation is based, not upon theory, but experience. It is not a condimental food, but a scientific stock tonic and laxative, that enables the system of the animal to convert a larger portion of the nutrition of the food into solid flesh and fat. It shortens the feeding period of any animal 30 to 60 days. It also relieves the minor stock ailments. Feed your hogs Dr. Hess Stock Food regularly as directed, disinfect the pens, bedding and feeding places once a week with **Instant Louse Killer**, and if you have any loss from disease, this positive written guarantee says that your money will be refunded.

100 lbs. \$5.00
25 lb. pail \$1.60

Except in Canada and extreme West and South.

Smaller quantities at a slight advance.

Where Dr. Hess Stock Food differs in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee.

Veterinary advice given free. From the 1st to the 10th of each month by naming this paper, stating what stock you have and what Stock Food you have fed, we will furnish you free veterinary advice and prescriptions. Enclose two cent stamp for reply. Dr. Hess 36 page Veterinary Book will be mailed free for giving the above information.

DR. HESS & CLARK, Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Pan-a-cia and Instant Louse Killer.

Instant Louse Killer Kills Lice

SHROPSHIRE FOR SALE.

CHOICE registered yearling ewes and pure bred unregistered ewes. Also imported and home bred yearling rams. Choice rams suitable for flock headers. Inspection invited. Satisfaction guaranteed.
DANIEL LEONARD & SONS, ADAMS CO., CORNING, IOWA.
80 miles east of Omaha on main line of the Burlington.

come to stay and is found to be a most excellent feed for sheep. Alfalfa will not withstand close grazing and for that reason should never be overstocked. It is better to be able to mow a portion of the field occasionally than to allow the sheep to graze all of it closely.

All things considered blue grass makes the most ideal sheep pasture. Its manner of growth, quality of grass and value as a feed are adapted to the wants of sheep. If kept grazed short it will continue its growth much longer than when permitted to perfect a seed crop. It comes early and lasts a long time. Its being short does not interfere any as a pasture grass for sheep. Sheep will do better on a short pasture of blue grass than on more luxuriant growth of some of the coarser grasses.

Stubble fields are improved by having sheep turned in them before they are fall plowed. They glean and keep down weed growth. Lambs that are turned in cornfields will find a great deal of pasture on the growing weeds there. Meadows may also be grazed with sheep if care is exercised that they do not crop it too closely before winter.

AWFUL ITCHING ON SCALP.

Hair Finally Had to Be Cut to Save Any—Scalp Now in Good Condition—Cured by Cuticura.

"I used the Cuticura Soap and Ointment for a diseased scalp, dandruff, and constant falling of hair. Finally I had to cut my hair to save any at all. Just at that time I read about the Cuticura Remedies. Once every week I shampooed my hair with the Cuticura Soap, and I used the Ointment twice a week. In two months' time my hair was long enough to do up in French twist. That is now five years ago and I have a lovely head of hair. The length is six inches below my waist line, my scalp is in very good condition, and no more dandruff or itching of the scalp. I used other remedies that were recommended to me as good, but with no results. Mrs. W. F. Griess, Clay Center, Neb., Oct. 23, 1905."

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron Mountain Route will sell round-trip tickets to points in Texas and Louisiana for \$20 from St. Louis and \$25 from Chicago on the first and third Tuesdays of each month. Proportional low rates will apply from other points; also one fare plus \$2 to points in Indian Territory, Arkansas and Missouri, and \$25 from Chicago to Pueblo, Colorado Springs and Denver, with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory, which are

BIG IMPORTATION

Of England's Tops Just Arrived.

ALSO have a prime lot of home-breds. Big, strong, heavy-boned, heavy-shearing rams to improve any flock. A growthy lot of typical ram and ewe lambs. Long-bodied, short-legged yearling ewes, perfection in type. Our offerings and prices will interest you.

CHANDLER BROS., KELLERTON, IA.

LINCOLN RAMS

FOR SALE. ADDRESS,
B. F. Clark, Albia, Iowa

GOTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgians stallions at \$1,000 each.
A. LATIMER WILSON, CRESTON, IA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.
GEORGE ALLEN, LEXINGTON, NEB.

Shropshire Rams

AT Pike Timber. A good lot of yearling Shropshire rams, all got by the Imp. ram Lord Byron (9259 R) and some of them out of imported ewes.
T. A. DAVENPORT, BELMONT, IA.

Oxford Down Rams

FOR SALE. A number of very choice rams for sale. Also some good Duroc Jersey boars.
S. S. STOLT, KIRON, IA.

GOATS FOR SALE.

POLLED Angoras, does and bucks. Must be sold at once.
S. S. McKIBBEN, DesOTO, IA.

OXFORD DOWN RAMS and ram lambs and ewes.

sired by a \$50 pound ram, for sale.
John Graham & Sons, Eldora, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic, Cass County, Iowa.

limited to thirty days, stopovers going and returning.

Mexico: Less than one fare on the first and third Tuesdays, with stopovers.

California: Low round-trip rates on sale daily to September 1st.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2, good thirty days, on sale daily.

Remember the Missouri Pacific Railway and Iron Mountain Route reach the principal points in the above-named states without change of cars.

For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

VERY LOW RATES TO AK-SAR-BEN FESTIVITIES AT OMAHA, NEB.

Via the North-Western Line. Excursion tickets will be sold October 2d to 6th, inclusive, limited to return until October 8th, inclusive. Apply to agents Chicago & North-Western Ry.

PASTURE FOR SHEEP.

A stock man who has never had any experience with sheep is inclined to the opinion that any kind of pasture will be suitable for them. This is erroneous, as there is as much difference in the value of the various kinds of pasture for sheep as there is difference in the texture of the fiber which grows on sheep's backs. Pasture that would be suited to sheep would be wholly unsuited for cattle, and vice versa. The pasturage that is best suited to sheep is grass that is short, sweet and luxuriant. It is not so much a matter of quantity as it is quality. When sheep have a preference they will be seen grazing most of the time near the tops of the hills where the short grass grows. Grass of quick growth after having been grazed is that which is best for sheep.

All sheep owners have observed that when we have a wet season and grass grows rapidly that the flock will graze a certain portion of the pasture and will keep it down close all the time, allowing part of the field to become woody and perfect a seed crop. Grass that has not been closely fed and which has been allowed to become long and coarse will, when grazed by sheep, sometimes cause looseness of the bowels, in which case it will be a good plan to give a feed of dry hay of some kind daily. This trouble does not often come in a dry year, but is most common in wet seasons.

In some parts of the West alfalfa has



CONGO ROOFING

You can lay it yourself. It's not hard work and it doesn't take long. After it's done, its done for a long, long time. Storms won't hurt Congo Roofing, wind won't rip it, heat won't soften it or make it brittle. It can't rot, rust, corrode, creep or leak. It is the "Never Leak Roofing."

Write for sample. That will tell the story better than words.

Buchanan-Foster Co.

442 Chestnut St., Philadelphia, Pa.

ADVERTISING NOTES.

Write Mr. Thomas J. Pugh, Omaha, Neb., for bargains in Texas Panhandle lands, the best in the state.

Two farms, one of 160 acres and the other of 120 acres in eastern Kansas are offered for sale on page 21 of this issue by Mr. P. S. Bennett, of Emporia, Kan. Write Mr. Bennett for full particulars in regard to these farms.

The Bosserman Seed Company announce to the readers of this paper in an advertisement on page 9 that they can ship this season's timothy seed the day the order arrives. They sell either by the single bag or in car lots and give as references any bank or business man in their county. Write for prices.

Mr. E. M. Kieron, of Minneapolis, Minn., is offering an improved quarter section of corn land for sale, located within half a mile of Crandall, S. D., in his advertisement that appears on page 21 of this issue. Mr. Kieron says that this land is in one of the best farming districts in the state, that fifty acres are plowed, and if taken at once he will accept a very low price and sell on reasonable terms.

A fine opportunity for those of our readers who wish to invest in Kansas farms is presented to them by Messrs. I. N. Wells & Son, of Emporia, Kan., in their advertisement that will be found on page 21 of this issue of The Homestead. The farms that they are offering for sale are located in Lyon county and prices and descriptions are given in the advertisement above referred to. They have issued a book on Lyon county which will be sent to those who ask for it.

The J. B. Streeter, Jr., Company, of Larimore, N. D., have an advertisement on page 21 that will be of particular interest to farmers and farm renter readers of The Homestead. This company owns a thousand acres of land in the famous Red River Valley of North Dakota and have large holdings in cheaper lands located in western North Dakota. They are selling these lands on liberal terms and will send an illustrated land book giving full particulars for the asking.

No reader of this paper, who has any interest in knowing more about the Southwest, the country that is developing so rapidly, and of the opportunities for homeseekers in Oklahoma, should fail to read the advertisement of the Commonwealth Land Company, of Muskogee, I. T., on page 20. Here is an opportunity to get reliable information from the owners of large tracts of land, and, if you want to buy, to do so at bottom prices. This company are successors to Messrs. Allen & Hart, formerly of Windsor, Mo., well known as leading land men for years.

California irrigated lands, located in the beautiful Sacramento valley, in tracts of ten, twenty, forty acres or more are placed on the market through an advertisement that will be found on page 21 of this issue by the Sutter Irrigated Farm Company, of San Francisco, Cal. These lands are so situated that there will be the advantage of two railroads, affording good markets for all produce. Four thousand acres have just been subdivided and are for sale on easy terms. They are near the Feather river, where fine hunting and fishing can be indulged in by those who are thus inclined. Write the above company for free illustrated pamphlet, mentioning this paper.

Every farmer is interested in a good stove, and he is also interested in knowing where he can get one at a most reasonable figure. He wants a stove that will make a maximum heat at a minimum cost of fuel. He wants a heater that will heat and a baker that will bake. He will be interested in the new special catalog gotten out and which will be sent to any person asking for it by Montgomery Ward & Co., Chicago. This firm is known for its square dealing and satisfactory prices and those in need of a stove of any kind should consult their prices before buying. Their advertisement appears on page 4. Write them today.

We are starting the advertisement of the Manlove Gate Company, of Chicago, Ill., on page 8 of this issue. As an evidence of the character of the company and the gates sold by them we print the following from the Grange Bulletin, of Cincinnati, Ohio: "The Manlove Gate Company, as reliable and courteous a firm as farmers ever had to deal with, sells their gates direct to consumer at about one-half the former price, which is directly along grange lines. They are now in reach of every home, and as a time-saver no better investment can be made. The gates are of 1½-inch gas pipe, firmly braced and filled with strong twisted steel wire. Trips, same size, are of iron, with crank to connect with throw rod. Pintel of hinge has a cam, into which rod is hooked from lower side. Trips are bolted in cast boxes to frames of 2x8-inch oak. The upper hinge supporting gate has steel ball-bearing action. The gate is indorsed by the best people of the land and is warranted."

KANSAS FARM SNAP.

The Inland Security Company, of Kansas City, Mo., have for sale a 327-acre farm in Morris county, Kansas, at a price that is \$10 below the price of surrounding farms. No farmer will miss it by buying a good Kansas farm, and the Inland Security Company say there is none better in the state of

Cholera is Getting A Good Start

R EPORTS from various sections of the country say that it is raging among hogs now fattening. No telling how soon it may attack your herd. It will pay you to take a little precaution to prevent it.

Your hogs have every chance to escape the contagion through a little attention on your part.

Almost everything depends on the condition in which your hogs are kept.

There's but one explanation of why one man's hogs escape while around him others are dying from the plague.

His hogs escape—

—because their general health is good,

—because their systems are not open to attacks of disease germs,

—because they are kept in healthy, sanitary quarters,

—because disease germs are destroyed and are not given a chance to prey upon the animals.

There is one easy, simple remedy that will surely accomplish all this for you, and enable you to market all the hogs you have been feeding.

It is the remedy that has been doing this for hog raisers for years—a remedy that has been tried and endorsed by leading breeders and feeders, by veterinarians, by Experiment Stations—



Kills Hog Lice

43 Agricultural Colleges Say, Use Zenoleum

Forty-three of these Institutions are now using, and recommending Zenoleum to accomplish the above objects for their hogs.

It will create sanitary conditions for your hogs, make and keep them healthy, destroy disease germs and enable them to avoid contagion.

The question for you to determine is not, what are the merits of Zenoleum; that is settled beyond all controversy. The real question is, can you afford to be without it?

Most all Dealers Sell Zenoleum

One gallon Zenoleum, express prepaid, \$1.50
Five gallons, freight prepaid, \$6.25

If you do not order now, at least write today for our booklet "Piggie's Troubles," 64 pages, which will show you why you cannot afford to be without Zenoleum.

ZENNER DISINFECTANT CO.,

31 Lafayette Avenue,

Detroit, Michigan.

Kansas for the money. It will pay you to read their advertisement on page 20 and when writing mention this paper.

OLD TRUSTY INCUBATOR.

The writer visited Mr. M. M. Johnson, of Clay Center, Neb., recently and was shown through the new office building which has been recently occupied by the Old Trusty office force. The building is very neat and reminds one of the up-to-date city buildings. We will give a more complete description of the building in other issues. The Old Trusty has established itself at Clay Center, and indications point to one of the highest seasons in number of incubators to be used. Mr. Johnson is the father of the incubator business in Clay Center, and his straightforward dealing has made him known the world over. His machine has proven its value as a hatcher and his brooder has given its assistance in raising the chicks. The Homestead stands at the head of the list for number of sales with a large number of sales over any other farm paper. Remember the Old Trusty is located at Clay Center, Neb., and is today the largest incubator concern in the world. See page 19.

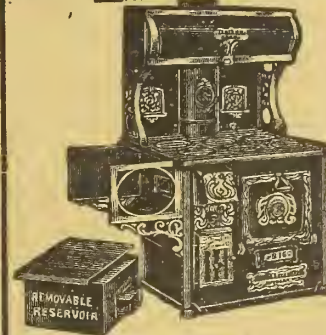
PARAFFIN HINTS FOR THE HOUSEWIFE.

Many of the cares that once made heavier the housewife's burden are vanishing before her increasing knowledge of the wonderful possibilities of refined paraffin as a labor-saver. Paraffin is one of the most useful of all wax products. Its small cost is making it wonderfully popular, and the up-to-date housewife finds it almost indispensable. She preserves her jellies and jams by pouring a little melted paraffin over the top of the contents of each glass. The paraffin in cooling, forms a perfectly air-tight seal that prevents mold and assures cleanliness. It saves the bother of cutting papers and fitting lids, as no other cover is necessary. Another and somewhat similar use for paraffin is for sealing fruit jars after the lid has been screwed on. As every woman knows, a defective rubber, careless handling, or any cause for the admission of air results in a can of spoiled fruit. She can insure every can of her fruit by inverting the can after the lid is screwed on, and dipping into a pan of melted paraffin. A teaspoonful of melted paraffin stirred into the hot starch improves the gloss and prevents the sticking of the iron, while half a cupful of chipped paraffin mixed with the soap on wash-day is a wonderful saver of labor. The highest grade of paraffin is manufactured by the Standard Oil Company for household use, and is sold by most grocers. It is a beautiful translucent wax, tasteless and odorless. It is put up in molded cakes of about one pound each, and neatly wrapped. Full directions for use with each cake.

CAUSTIC BALSAM CURES CANCER, PILES AND OTHER DANGEROUS HUMOR AILMENTS.

"Springfield, Ohio, September 19, 1904. The Lawrence-Williams Company, Cleveland, Ohio: Mr. Lewis Evelsizer, Urbana, R. F. D., a farmer, had a bad cancer on the back of his hand and was about to have his hand amputated. When I first saw it he was on his way to the doctor. I persuaded him to first try Gombault's Caustic Balsam, which he did, and on the second application could rest well at night, which he had not done for weeks. In less than three months he was at his work on the farm. He will certify to this statement over his signature. Then Mr. Jenkins, storekeeper and postmaster at Seth, Ohio, had a bad cancer on his cheek-bone. I saw him at a grange meeting and told him what to do; to use the Caustic Balsam twice a day, rubbing it in for five or ten minutes. In three months it was healed over and is now all sound. These two are all that I have the addresses of just now. I have had Caustic Balsam used on old shin sores. One man had not walked for more than a year without crutches and several pieces of bone had come out. I persuaded him to try Caustic Balsam, and today you would not know he was ever lame. He does not live here now. Then, it is a sure cure for piles, using it with sweet oil. I could go on and tell of dozens of cases where I have induced different ones to use Caustic Balsam. I am sure I have been the means of more than fifty bottles being bought, because I know just what it will do. You can't talk it up strong enough. I wish you success. Mr. R. L. Holman, Ohio State Grange Executive Committeeman in

WILL YOU LET US PLACE A TOLMAN RANGE IN YOUR HOME ON ONE YEAR FREE TRIAL?



We want to prove to you, at our risk in your own home, without any obligation on your part whatever, that Tolman ranges are absolute range perfection, and that one in your home will cut the fuel bill and housework in half. Let us explain to you how we sell direct to you, from our factory at

ACTUAL WHOLESALE PRICES

and thus save you \$15 to \$40 profits of middlemen and dealers. We give with every range a TEN YEAR GUARANTEE, which is as broad and binding as we can make it.

Is it not worth a minute's time and a postal card to send for our catalog, which tells all about this liberal special offer? Our catalog shows over one hundred different styles and sizes of Wood Cook Stoves, Heating Stoves, Steel Ranges, etc., etc. We are making many other liberal offers for the fall and winter months. Are you interested? If so, SEND POSTAL CARD FOR CATALOG "G," NOW.

JUDSON A. TOLMAN CO., 7730 Woodlawn Avenue, CHICAGO, ILLINOIS.

charge of Co-operative Work." The above is one of the many testimonials received every day by The Lawrence-Williams Company, telling of the many good qualities of Gombault's Caustic Balsam. Read the advertisement on page 3.

MAN WANTED.

Messrs. Hunter & Smith, of Beatrice, Neb. the well-known breeders of Jersey cattle, have an advertisement on page 4 in which they are advertising for a competent man or man and wife to work on their dairy farm and among the Jerseys. This is one of the good chances for a sober, industrious man who likes good stock and good pay.

FREE TREATMENT FOR CATARRH.

With the passing of summer many catarrh sufferers will feel the need of treatment, and we therefore call special attention to the announcement made by Dr. Williams on page 23. Write him and receive his book on catarrh and his symptom blank. He will make a diagnosis of your case and tell you frankly if you can be cured. For a score of years the doctor has made a specialty of treating catarrh, and has thousands of cured patients who are living testimonials to the efficiency of his methods. Dr. Williams offers one month's treatment without charge to convince the patient that his methods are effective. Write him today. Consultation and examination are free.

Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa Section, from the central station at Des Moines, Iowa, for the week ending Sept. 24, 1906:

The past week was quite variable in temperature, and in the distribution of rainfall. In the west central and northern districts there was a general prevalence of cool and wet weather, but in other portions of the state the average temperature was above normal, and the rainfall was generally light. The amount of moisture in the soil is now ample for pasturage and fall plowing, except in portions of the east central and southeast districts, where more rain is needed. The late corn has made good progress toward maturity except in the districts where wet and cloudy weather prevailed. Corn harvesting is in progress in all sections, with an increased acreage in shock in districts where dairying is the leading industry. Many crop reporters state that corn is nearly all safe, but conservative estimates indicate that from 10 to 20 per cent of the crop is not as well matured as could be desired to withstand a killing frost. The crop as a whole will be better and sounder if frostless weather prevails until October 5th, which is about the average date of killing frosts in Iowa. In the southern half of the state the bulk of the crop is now reported to be practically safe. The larger amount of immature corn is in the central and north central districts, where there has been heavy rainfall and a rank growth of stalks.

MEMPHIS, TENN.

Account of the annual convention Brotherhood of St. Andrew of Episcopal church at

the above place the Chicago Great Western Railway will sell round-trip tickets at rate of one fare plus twenty-five cents on October 15th to 18th, with return limit of October 30th, and on payment of fifty cents additional, until November 30th. Best service and connections. Inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS' EXCURSIONS. CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ST. JOSEPH AND RETURN.

Account of Interstate Live Stock and Horse Show the Chicago Great Western Railway will sell tickets to St. Joseph, Mo., and return at rate of one and one-third fare on September 22d to 29th, with good return limit. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

INCREASE YOUR INCOME.

Opportunities in all lines of business in new and growing towns in Iowa, Illinois, Missouri and Minnesota along the line of the Chicago Great Western Railway. Write to Industrial Department, C. G. W. Ry., St. Paul, Minn., for "Town Talk" and county map.

30 DAYS FREE TRIAL OLD HICKORY BUGGIES

We sell these splendid buggies direct to you, at lowest factory price. Saves you one-half.

GUARANTEED 2 YEARS.

"Old Hickory" buggies have quality, have style, have finish, and that lasting quality that no other buggy can equal. You will be surprised at the low factory prices. Write for Catalog today.



Kemper-Paxton Mercantile Co. 1444 W. 9th St. Kansas City, Mo.

OUR HOME DEPARTMENT

ALL communications intended for this department should be addressed to Post Office Drawer 1127, Kansas City, Missouri.

AMONG OURSELVES.

At no time since I took charge of the Home Department have there been so many unsigned letters as during the last month or two. When, a few weeks ago, I stated that letters intended for publication must be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith, I thought there would be an end of the matter. But still the anonymous letters keep coming. And some of the friends who sign their names evidently do so under protest; they say it is embarrassing to have the neighbors know and talk about their writing. Let me say that there is no need for the neighbors to know. Writers may choose any name they please for publication. Their real name is for me alone, if they so desire it, and since this is so I cannot understand why anyone should object to sending their name and address. At the same time neither their nor my understanding affects the situation. The rule is a universal newspaper rule, and to avoid misunderstanding, it will in future appear in the notice at the head of the Home Department. Let me add one other word. Where you do not wish to use your own name, choose a pen name rather than initials, that you may seem to the circle a flesh and blood person and may be remembered, as is Aunt Ruth, Celeste, Aunt Belle, and others who are loved Among Ourselves, as they could not be had they come among us as Mrs. R. R., Mrs. H., or Mrs. S.

As those two younger children are in school by this time if they are to go this term, John's Wife must have decided on plans ere this, but, as the question she asked is one which is constantly recurring in farm homes, and "An Interested One" looks at it wisely, we shall give the circle the benefit of the word she prepared for John's Wife:

I want to say to John's wife, don't sell the farm; the home in which you have reared your children. You will need it so much more when the children are away—a place where every spot is familiar and everything your friend, whose value cannot be counted in dollars and cents. And then, when the children are weary of the hustle and worry of the world and their work they will be so happy to have the old home to come back to, if only for a little while, and possibly after a time some one of the children may weary of their profession and decide to perpetuate their old home. Perhaps a year away from the farm would decide for you. Then, on the other hand, good help can be secured by building a tenant house and hiring a married man, who at the same time he is assisting you with his family at home. I am also John's wife and have boys and girls growing up. John's Wife, in speaking of her

children, says people say of their eldest that he is not a lawyer only, but a Christian gentleman, also, and I cannot resist saying to parents, "Are you setting an example for your children that you would like them to follow, or are you courting sorrow for your old age?"

Mrs. McKerie has come Among Ourselves today, to answer her own questions. Let us hear what she has to say:

I have waited some time to get an answer to the questions I asked, but so far have not received any definite answer. I think I can give a satisfactory answer in one word, and that is selfishness. It is selfishness, pure and unadulterated that causes "some men" to think and talk the way they do. Mrs. Aggie Miller would rather I had said "some men" instead of men. Please excuse me and I will try and not offend again. I realize that there are some men who are unselfish and devoted to their wives and families, and I congratulate her on having such a husband. But I will have to take exceptions to the way she talks of Susan B. Anthony. She asked who has done the most for prohibition, the mother who has raised the man who never takes a drink or the old maid who casts her vote for prohibition. All honor to Susan B. Anthony, I would rather have been Susan B. Anthony than to have been the mother of a dozen men who did not drink. I would rather have shaken hands with Susan B. Anthony and Abraham Lincoln than any other man or woman I ever read about. Abraham Lincoln emancipated the slaves and Susan B. Anthony did what she could to emancipate women. "Do you ever lose hope?" was asked the silver-haired warrior. "Never," she answered stoutly. "I know God never made a woman to be bossed by a man. You know Lincoln said, 'God never made a man good enough to govern other men without their consent.' I say God never made a man good enough to govern any woman without her consent," to which I can give a hearty Amen. Abraham Lincoln and Susan B. Anthony have both passed into the great beyond, but "their souls are marching on."

It is a little curious to me that this should be the first reference to that somewhat extraordinary speech of Mrs. Aggie Miller's. Imagine how funny it would be to hear a man say: "I'd sooner raise one sober, truthful boy than have been George Washington." Surely it is no disparagement to motherhood to admit that such service as Frances Willard and Susan Anthony rendered to their day and age is beyond and above that rendered by their sister women—just as Lincoln's service is above that of the ordinary father, who trained his son to abhor slavery. Let us not be foolish about motherhood, sisters. It used to be almost the only place of honorable service open to women; let us be glad that it is no longer so. Let us rejoice that, in our day it is permitted to women here and there to mold the thought and influence the morals not of one family, but of a great nation.

After Mrs. McKerie seems to be the right place to introduce Uncle Josh, who comes to answer questions put to the men by Mrs. Ed Streeter:

Why do men pretend to have contempt for women, etc.? Well, this is a difficult question for gentlemen to answer. Gentlemen, as a rule, do not pretend to have contempt for women. Men who do not treat their wife, mother or sister as an equal are in my opinion relics of barbaric times. Second, why do they hate to go to church as a general thing? In reply to this question would say, possibly they are obliged to wear their last year's "bonnet," or perhaps they have not had a new suit of clothes for the last six or eight years, or have been working hard all week, or are too lazy, or a dozen other excuses, but probably the real reason is that they are not followers of Christ and therefore do not feel interested in the spiritual welfare of themselves or of others. Also, possibly the church or place of worship is located some miles distant, yet I have known young men to walk five miles to church for the pleasure of seeing their best girl home "after the services." Third, why do they "growl" if we want them to clean their boots of mud when coming into a clean kitchen, and find fault if we complain of their leaving old clothes, hats or boots lying anywhere for us to pick up? Well, some are peculiar creatures. May be they were never taught otherwise; possibly they are possessed of traits very much akin to the animal which, if placed in a parlor, would break out and seek a mud hole. In conclusion I would like to say to the men, be gentlemen, treat your wife, mother or sisters as your social equal at least. And sisters, as you would that they should do unto you, do ye even so unto them, then I am sure there will be no more Aunt Ruth's methods of handling men. How thankful I am that my home is not located under that roof, that is, provided Aunt Ruth really intended her remarks as we interpreted them. The training of men is almost entirely in the hands of the women and the hand that rocks the cradle is the hand that in a great measure rules the destinies of men. Yours for equal rights.—Uncle "Josh."

Mrs. Streeter may not be satisfied with those replies to her questions, for Uncle Josh is something of a caustic, but I venture to say the circle will be glad to have this man visitor come again as soon as he likes.

Men sometimes profess to come Among Ourselves with some fear and trembling. If Mr. C. E. K. is feeling uneasy, Uncle Josh can assure him that there is nothing to be alarmed about:

What a beautiful little sketch of an ideal home is that drawn by Mrs. Juanita. Sym-



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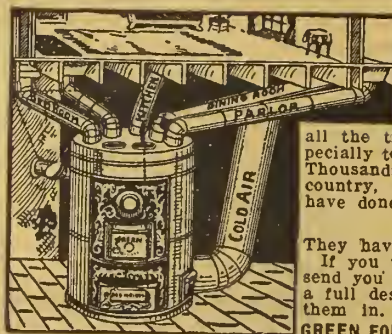
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pathy for each other, expressed in little kindly acts, does make life richer and fuller, and charity and patience for each other's shortcomings help to smooth the rough places, for as Whittier has said, "In mutual sufferance lies the secret of true living." How enjoyable it is, after the day's duties are done, for father, mother and children to sit in the twilight, while "silently one by one in the infinite meadows of heaven, blossom the lovely stars," and while they listen to the various voices of the night, talk over the past, present and future. What can be more delightful than good health and contentment in a good country home?

That letter of Mrs. Juanita's was bound to appeal to the men. I am glad to have one speak for his fellows, speak eloquently too. And then, that question he asks—what a good sound it has this year of fine crops.

Some of the best letters which have ever been addressed to this department are being called out by the discussion provoked by Aunt Ruth—by the way, the prize is certainly hers. For this week I have chosen a few which bring out points not heretofore presented and also a few which rehearse points already made. Mrs. Amy looks at the matter from individual experience and so speaks for a considerable number:

I have been reading with much interest the letters in the Home Department and have started to write one several times, but never got one finished. Just now there is a great deal being said about the women folks working outdoors. I want to say I think it no disgrace for a woman to work out doors if she uses common sense and reason. So often they try to do a man's work, and I don't think many women are able to do it. If I had a girl she should certainly learn to milk and such light work, but if there are half a dozen boys around there is no need in a girl doing such work all the time. I learned to milk when a little girl and did it until I wanted to put hard work into music. We all know milking stiffens the fingers, so if a girl wants to make a musician of herself she can't milk. I then taught music long enough to pay for a piano. The last few years we have had lots of cows to milk and I always help—milk from six to eight twice a day. I would rather do it than have a hand around. At the same time I aim to raise garden and chickens enough to keep up the household expenses; so I put in the most of the summer, any way, out doors. Of course my house work is sadly neglected sometimes, but I do the best I can. I do all my sewing and care for two little boys. I am not strong enough to work with machinery very much, but I always cut seed potatoes, plant and help pick up, shell seed corn and any other light work I can do at the same time. I very seldom get a bucket of water and have yet to fill the boiler for the first time on wash day in the six years of married life. And so we work together and hope some time to have a home of our own. If I did not help all I could I would feel I was not doing my part. At the same time I think I do enough for a woman of ninety pounds.—Mrs. B.

I weigh something over ninety pounds and I am something of a worker, but I confess I could not begin to keep pace with Mrs. Amy. I wonder if she may not need to think over what Reine has to say on the subject:

I have been especially interested in the subject of out-door work for women as dis-

cussed Among Ourselves, and would like to add my mite to the general fund of information. Some have spoken of the amount of heavy work done by foreign women, and when one writer narrowed the "foreign" down to "German" it gave my thoughts a new impetus. Being myself of German descent it occurred to me that we might be surprised if we asked the women in question what they thought of their mode of life. Memory took me back ten years or so, and recalled a remark made by a German lady, past seventy at the time, to the effect that if she outlived her husband and married again she would never marry a German. They made their wives work too hard, she said, harder than was right. She was almost six feet tall, straight as in her girlhood, and free from disease. Not more than three years before the above remark was made I saw her carry a washtub full of potatoes, on her head, from her home to a neighbor's three blocks away, apparently without the slightest exertion. With physicians beginning a crusade against the more strenuous athletics in girls' colleges, with examples among our acquaintances of women who are broken in health and spirits from too much heavy work in early life, with the knowledge brought home to us by personal experience that the home must suffer when the housewife goes to the barn lot or field to work, wouldn't it be well for us to decide that this is a question for individual judgment to determine? It seems to me that this, like the question of the size of the family, must be decided by each husband and wife for themselves. If he loves a pretty, attractive home, good music, a cultivated feminine intellect, likes to see his wife wear pretty house frocks and do her hair becomingly, he will be determined to keep her away from all the field and barn work. Being a reasonable creature he can figure it out in a few minutes that only so much can be accomplished in the course of the day by one pair of hands, and that she cannot attend to the purely feminine duties of homemaking while doing a man's work in the field. This is our solution of the problem for ourselves, and the use of the word "ashamed" in connection with this subject reminds me of the one time when I went against my husband's wishes in this respect and planted a few acres of corn. I believe it is supposed to be the woman who will feel "ashamed," but this woman wasn't. She was as delighted as a child with a fascinating new game to play; her husband was ashamed, though, and worried all the time for fear someone would see her doing such unsuitable work. I love to see things being done, and done in season. Nothing delights me more than to get grain in the ground in good time, to cut weeds wherever they make a place unsightly, to have trim fences and clean corn fields all about. But I cannot stand even such work as cutting weeds with a hand sickle for any length of time, so I think it foolish to attempt to gratify my love of helping things along in a hurry. Still this same love of harder work makes me charitable enough to believe that where there are several daughters in the home and there is not enough housework to keep them all employed, it is right to allow them to help outside, always with the understanding that father and mother will keep a watchful eye not to allow them to injure their health and that the daughters themselves are reasonably strong. After all, good judgment must determine this question more largely than any hard and fast rules.


Reine has said a number of things I meant to say, said them very well too. I commend her remarks to every woman, and also to every man, here Among Ourselves. And now let us hear Mother Eva:

I was asked to give my idea of girls' labor


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on the farm, or in other words, what I deemed the proper way of bringing up farmers' daughters. A short time ago someone wrote about a girl doing field work as a means of promoting health. I admit that pure, fresh air is all right, both for girls and boys, but I disagree with those who deem it necessary to mount a plow or any other farm implement in order to catch a breath of air or to bring color to the girls' cheeks. I was born on a farm and have spent forty-five years there, and I know something of the health of girls and women who try to take the men's places in the field. They grow old fast and a goodly number are now in very poor health; in fact they cannot enjoy life. Some have paid out a good many dollars in doctors' bills which could have been avoided if the girl had only kept her place. Please do not misunderstand me, for I may not make it plain. I wish to say that I believe in all girls being taught to work out in the open air, but in a way that will not injure their health. If the girl attends school for nine months, please tell me if the remaining three months should not be spent in the home or a short pleasure trip. We have three girls, aged fifteen, ten and eight years. They are my only help and we do our own sewing, cooking, canning fruit, besides marketing a goodly number of tomatoes and strawberries each year. The three girls sold enough out of the garden last year to pay for a term of music lessons. All three take music lessons. They can make bread as well as anyone, and when it is cooked can play a piece on the piano. They can do any kind of housework and are in good health. If the Creator had intended girls to work in the field, then He must have expected men to keep house, for it is an old, but true, saying that we can live without books, but civilized men cannot live without cooks. Pray tell me when the girl that rides the plow can learn to cook or mend or tidy up a room or practice a lesson on the piano?

These views of a mother of daughters are worthy of careful consideration by all mothers of girls.

It looked for a little time as if the advocates of field work for women were to have it all their own way; it was then that Mrs. Van felt moved to support the other side:

I have been reading the Home Department letters in silence, but in the August 30th issue there were so many letters in favor of field work for women and so few supporting Aunt Ruth's views, I felt I ought to contribute my views on the subject. If a woman does her household duties as they should be done, and raises chickens, she will not find time to work in the field. How true the old saying, "Man may work from sun to sun, but a woman's work is never done." That doesn't include field work, either, for that is not woman's work. And let me say to Mrs. King, of Michigan, neither is dish-washing a husband's work. Again I say, if a woman works out in the field she neglects her house work.—Mrs. Van.

Some women will resent Mrs. Van's closing remark, others will admit its truth; there are others who think that if it is not true it should be. And now I think that we have had enough for one day. This discussion will be continued next week, when we shall have some of the best things yet. One of the letters in store is from a fifty-three-year-old woman, sad of heart and broken in health; one from a happy wife who is shocked at the tone of Aunt Ruth's remarks; and one from Mrs. A. B. Cornelius, who brings her usual ability to the discussion of this subject.

Notice is hereby given that the Editorial sanctum will be reopened next week.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Take joy home,
And make a place in thy heart for her,
And give her time to grow, and cherish her;
Then will she come, and oft will sing to thee
When thou art working in the furrows; aye
Or wedding in the sacred hour of dawn.
It is a comely fashion to be glad.
Joy is the grace we say to God.
—Jean Ingelow.

"It is better to whistle than whine."
Life is so short that we should try to make

the best of the time allotted to us. It is hard, though, sometimes, to try to be cheerful among so many "ups and downs," especially when it is "downs;" but we do know that when storms of sorrow rise we should submit to the will of the One higher than we. Like the little children say, "Let us play" as though we were happy, and by and by we can become more cheerful in reality.

CHEESE MAKING AT HOME.

If many farmers know how easily and inexpensively cheese can be made on the farm more families would enjoy this nourishing food. Here are the directions, and, if followed, will make a delicious three-pound cheese, good after four weeks, and better with age:

Take five gallons of sweet milk, cream and all, if it has set a while, and heat until the milk is warm. Dissolve one No. 2 rennet tablet in one-half teacup of cold water; stir well into the milk and add one tablespoon of salt. Remove from the fire and let stand from three to seven minutes, when it will be like very thick clabber. As soon as it becomes clabber it is ready to break up.

Then with a hand spoon or some other article stir the clabber or curd, as it is now called. This separates the curds from the whey. Let it stand and the curd will settle to the bottom; then with the hands press the pieces into a mass or ball. Slip the lump of curd into a sack, take out and hang up to drain; this will be in about one-half hour. If the curd is broken again during the time it is draining cut the curd in small pieces, say an inch thick, put in a crock and pour over it hot (not boiling) water. Stir with a spoon and let it set until it seems tough like leather, which will be in about three minutes. Take out of the water and again cut in pieces, as it has probably run together again. Salt as for butter and it is ready to press.

Take a gallon apple or sirup can, either round or square, and melt off the top and bottom; this is to be the press can. Make followers of inch boards to just fit inside the can. Set the can over one follower and line the can with a well-greased cloth, long enough to fold over. Pour in the curd, put on the cloth left to fold over and lay on the follower. Set where it can drain and place a fifteen-pound weight on top. Leave twenty-four hours, after which remove from the press. Take off the cloth and grease well with butter. Lay on a plate in a screen box. Grease and turn every day until ready to use. If the cheese molds scrape well and grease again. If it cracks dampen a cloth in vinegar and wrap about it once a week.

TO MAKE FRAGRANT TEA.

Use a china or agate-lined tea pot. Heat it by pouring in boiling water, or by standing on the back of the stove. When hot put in the tea leaves so they will get heated through before the hot water is added. The water should be brought quickly to a boil, and used as soon as it can be, for it becomes dead and valueless when boiled long.

As soon, then, as it is thoroughly boiling, pour it upon the tea leaves, which may be of any choice variety preferred. The quantity to be used depends wholly upon the strength desired. One-half teaspoonful of tea leaves to one cup of water is sufficient for many persons.

The water then must be thoroughly boiling when it is poured on, and must never boil again. Steep gently for five or ten minutes, and the result will be a perfectly delicious cup of tea.

Remember that its delicate flavor will be entirely destroyed if the tea gets to boiling.

JAPANESE EGGS.

Boil six eggs for fifteen minutes and drop immediately into cold water. Pour this off and crack each shell before starting to re-

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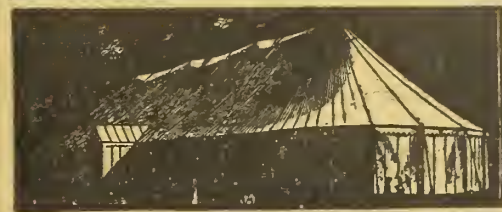
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move the entire shell, though this must be done immediately afterward. Boil one cup of rice carefully, and when full and flaky drain and heap in the center of a large platter. Cut the eggs through the center into halves and press them down into the rice. Pour over all this one cup of cream sauce made from one cup of milk, one tablespoonful of butter and one tablespoonful of flour. Tomato sauce may be used if desired instead of the cream sauce.

EXCELLENT LIGHTNING YEAST.

Boil twelve medium sized potatoes and mash fine. To this add three tablespoons of flour, three of sugar, one of salt. To this add two quarts of boiling water and mix; then add one quart of cold water. Add three cakes of good yeast, thoroughly soaked in warm water. Put in glass cans and if kept in a cool place will keep as long as it will last. Use one cup of this yeast with an equal amount of warm water for each loaf wanted.

A SMILE.

While out walking with her father one evening little Margie became very tired and he was obliged to carry her. "Am I very heavy, papa?" she asked.
"Indeed you are, pet," he replied.
"Well," continued Margie, "you ought to be awful tickled that I ain't twins."

to the other apostles, showing the genuineness and equality of his apostleship and consequently his authority as a Christian teacher.

He affirms the office of the ceremonial law to be that of the special slave who brings the child to the schoolmaster. When once the law has brought one to Christ, the Master-Teacher, it has no further function. It vanishes away. To hunt up the law again and magnify it is to desert and be disloyal to Christ. It is to exchange liberty for weak and beggarly elements and bondage. He invades the territory of the Judaizers themselves, when he affirms that Abraham was justified by faith and not by works, as he lived before the institution of the ceremonial law, and therefore could not have been justified by it. All, therefore, who are justified by faith, whether Jews or Gentiles, have Abraham as their father. In his allegorical reference to the two Jerusalems, he surpasses even himself. Those who persist in following the ceremonial law prove themselves descendants of the bondwoman Hagar, who answers to Jerusalem, which is in bondage with her children; but those who assert their independence from the ceremonial law are the true descendants, not of Hagar, the bondwoman, but of Sarah the free. And Sarah stands for that Jerusalem, which is superior to the literal Jerusalem. She is free and the mother of the free.

The Epistle to the Galatians is pre-eminently the Epistle of Freedom. Eleven times this word "liberty" rings out like a bugle-blast to the soul. The apostle will not brook the idea of his converts going into servitude to the ceremonial law. Having begun in the Spirit, he will not supinely witness their futile effort to finish in the "flesh." He warns, entreats, admonishes. "Stand fast in liberty." "Be not entangled with the yoke!" "Ye have been called unto liberty!" "Walk in the Spirit!" "Neither circumcision nor uncircumcision avail anything!"

Analysis and Key.

1. St. Paul. Dynamic. Epistle to Galatians illustrative. Still potent.
2. Cause of writing. Galatian converts perverted. Epistle written to recover them.
3. Heresy—Survival and obligation of the ceremonial law.
4. Argument. Course of converts challenged. Apostleship established.
5. Temporary and subordinate use of ceremonial law. Designed to guide to Christ. Accomplished. Law to vanish. Magnifying law disloyalty to Christ.
6. Abraham justified by faith. Ceremonial law subsequent to his day. Abraham father of faithful.
7. The two Jerusalems. Hagar, Sinai, Jerusalem. Sarah, Jerusalem above. Law

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Third Quarter. Lesson XIV. Gal. V, 15-26; VI, 7-8. September 30, 1906.

Temperance Lesson.

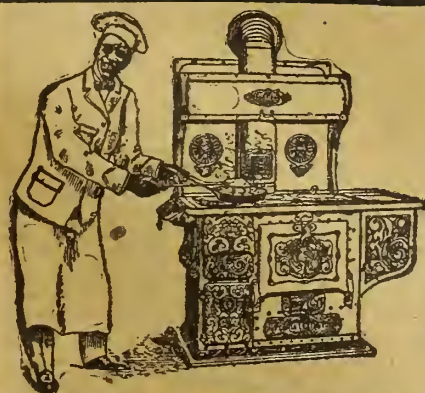
St. Paul's "veins ran lightning." Two millenniums afterwards, we yet feel the shock of it. That he is both illuminative and dynamic, the Epistle to the Galatians is evidence. It can never be a literary curio, shelved in the oblivion of

a library. It is living and potent still. It is highly condensed, but in its terse terms contains the whole of religion, its very sum and substance.

The apostles' converts in Galatia had been tampered with. Warm-hearted and enthusiastic, so devoted to their spiritual Father that they were ready to pluck out their eyes for Him, yet in His absence they had allowed themselves to be bewitched and removed to another gospel. In order to recover them, St. Paul writes one of the most polemic and hortatory epistles that ever came from his pen. Incidentally it is also photographic of himself, and in its spirit and conclusion wholesomely practical.

The heresy to be combated was the affirmation of the survival and obligation of the ceremonial law. A little leaven of this had leavened the whole of the Galatian church. The genuineness of St. Paul's apostleship had been discounted in order that the authority of his teaching might be destroyed. Under the spell of this new gospel, which was no gospel, Gentile converts were submitting to circumcision, and all were observing "days and months and times and years."

St. Paul's argument is invincible; his method persuasive. His first note unequivocally challenges the course and conduct of his converts. He then enters into a minute account of his personal relation to the doctrine of Christ and



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gendereth to bondage. Faith gendereth to freedom.

8. Conclusion. Exhortation.

The Teacher's Lantern.

The paragraph assigned contains the whole epistle in epitome. It illustrates its style and spirit, and holds the substance of its thought.

Liberty is not to be degraded into license. It is no cloak to cover selfish and fleshly deeds. On the contrary it is to be used as means of unselfish service of others.

The glory of religion is that its substance is not meat or drink, the externalities of sacrifice and oblation, but in righteousness, a subjective condition which will express itself in right conduct.

That this subjective condition is evolved painfully by courses of intelligent self-denial and discipline, the apostle here teaches under the figure of a contest between "flesh" and "spirit."

There is a ceaseless battle of the "I's," the ethical ego and the sensuous ego, which St. Paul pictures minutely in the seventh chapter of Romans.

Temperance, in the ultimate analysis, is the ascendancy of the ethical and spiritual ego over the sensuous ego. It is the soul in the saddle. It is the subjection of all animal instincts to the rule of the spirit, so that they will never be gratified selfishly, to the harm of others, and with an intrusion upon the rights of others.

St. Paul gives a hideous catalog of the effects of the supremacy of the sensuous ego. They are "manifest." They can no more be denied than they can be ignored. The list is not scientifically formulated. The enumeration is not proposed to be technical because the terms are not mutually exclusive. It is for practical purposes.

The result of the ascendancy of the spiritual ego is just as manifest. One is discord, the other is harmony; one is night, the other day; one is hell, the other heaven.

The reign of law is not more universal and inviolable in nature than it is in human nature. Ascendancy of the spiritual ego will ultimately evolve the saint. Ascendancy of the sensuous ego will make a devil. There can be no switching or crosscutting by which the sensuous ego shall shun hell and glide into heaven. "Be not deceived. God is not mocked!"

Dressmaking and Millinery—No. 535.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

While many white waists will be worn during the present and the coming season these will not prevail to the exclusion of waists of dark, heavy materials to the extent that they have for some seasons past. The favor of the costume of one material, or of colors that harmonize has had much to do with this change, while, too, perhaps, the long vogue of white has itself suggested that it is time for a change. The plaid waist will perhaps lead as a separate waist, and this is usually of silk, but the heavy cottons and the light weight flannels that were in favor several seasons ago are again with us in a variety of weaves and colorings. Made up in these materials the fancy is usually for the plainer models, pleats and gathers being used only on the fabrics that lend themselves readily to these. Some of the plain designs show only applied trimmings, straps, stitched bands and the flat braids. Also for those as well as for the whole cos-

tume there are the "pull braids," so called because of the thread on one edge by means of which one may shape the braid into



[5469 Boy's Sailor Suit, 4 to 12 Years.] curves, loops, etc., and thus apply according to fancy.

For the small boy fashion dictates few changes, only now and then adding a new



[5458 Girl's Dress with Guimpe, 6 to 12 Years.] touch to the designs of his garments, yet by making changes as to materials, mode of trimming, etc., variety is afforded so that

Why "BUFFALO CALF" Shoes Outwear All Others

Most new shoes you get have to be "broken in." They "draw" your feet and make them smart and burn. That's because the leather is "stiff" and full of tan bark juice and acid that should have been worked out before it was out.

When cattle are three years old; age wrinkles begin coming around their necks. Hides from such cattle are stiff and need powerful chemicals to tan them. We buy all the hides from which "Buffalo Calf" shoes are made before they are tanned, and get only those from young cattle. We take them only from "inside raised" cattle, not over 3 years old, killed in July, August and September. Outside raised cattle get age wrinkles sooner than "stable kept" cattle, and those slaughtered in Winter and Spring have hides with long hair which makes their fibre "loose" and "flaky." Much of the toughness of any hairy animal's skin goes into its winter coat. That's why we buy only "short hair" hides, and have them tanned by our own special Dongola process which sets the fibre together and adds toughness and wearing quality. And, after tanning, instead of softening the leather by artificial greasing, leaving the tan juice all in, we "boack" it and work it by hand just as Indians do buckskin. That's why Buffalo Calf Shoes are soft and pliable when new, and always stay so. They will not "draw" your feet and, if you wet them, they do not harden up, but will dry out as soft as before. The soles of Buffalo Calf shoes are made from Hemlock tanned Texas steer hides and the heels, counters, insoles and slipsoles are all solid leather. We do not use any "horn fibre" nor "moulded" counters.

The shoe you see here has vamp and upper all in one piece—no seam to rip. The back seam is "cylinder fitted"—extra strength there. The vamp goes clear to the sole over the toe so that, if your toe cap wears through, the vamp toe is still there. We line our shoes with heavy twisted duck—one piece linings—no inside seams with edges to chafe and blister your feet. Ask your dealer for



If your dealer does not have "Buffalo Calf" shoes, write us and we will send you one of the little Buffalo Calves, so you can test the leather and tell him about it. The toughness of the hide we buy and our way of tanning and handling the leather cause "Buffalo Calf" shoes to outwear all others. They stand the hard knocks. And they do not cost as much accordingly as inferior shoes. We make all sizes—men's, youth's and boys'.

Bentley & Olmsted Company, "The Western People," Des Moines, Iowa

ROOFING THAT WILL LAST.



What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.

The Flour City

GASOLINE ENGINES
TRACTION, PORTABLE, STATIONARY



KINNARD-HAINES CO.
MINNEAPOLIS, MINNESOTA



ALL STYLES
LOWEST PRICES
FREE CATALOGUE
30 DAYS FREE TRIAL
AMERICAN SCALE CO.
302 FIDELITY TRUST BLDG., KANSAS CITY, MO.

Value of Canning-factory Refuse.

To the Editor of The Homestead:

You submit to me the following communication received from one of your subscribers:

I am about to build a feeding plant close by a large sweet corn canning factory. Can get all the cobs and shucks I can use for the moving. What do you think of such a venture? I will build a large silo, and want the feed for making beef and pork. What would be the feeding value of silage from the sweet corn cobs and shucks? It strikes me that this ensilage with corn and cottonseed meal would make a splendid ration for feeding cattle. Please give me what information you can on this subject.

So far as the writer can learn, no definite tests of such material as silage have been made. The feeding value would depend upon the closeness with which the corn is shaved from the cob, the maturity of the corn used, amount of waste or cull ears, and the per cent of water present in the mass. There is no question, however, but that such silage would be of good feeding value. Pea vines and the pods have been used for silage with excellent success, and in one instance, were not even stored in a silo, but were merely tramped into a compact pile. This feed has, when ensiled, been valued at from \$2 to \$3 per ton when clover hay was worth \$6 per ton.

Silage from a sweet corn cannery would be less valuable. The husks are, of course, the richest part of the fodder. The cobs from mature corn do not differ greatly in digestible nutrients from wheat straw, and it is probable that the cobs from the cannery would be richer, as they contain some nutriment which would pass into the grain as the corn ripened. At a very conservative estimate, such silage should be worth \$1.50 per ton, and it may prove to be worth more.

If the output of refuse is large, it

will certainly justify the expenditure contemplated. If possible, the silos should be so located that the refuse may be elevated directly into them. Prudence would counsel the drawing of a ten-year contract for the refuse before the plant is built. Corn and cottonseed meal cannot be improved upon in such a feeding venture. The ensilage will take the place of grass for the steers, and will probably give nearly as satisfactory results. The silos must be built of such size as to permit of a rapid enough lowering of the surface to prevent spoiling in hot weather. Silage is of but moderate value in hog feeding, especially in the case of fattening hogs.

In conclusion, would advise your correspondent to tie up the cannery in a ten-year contract for the refuse, to build the silos where the cobs and shucks may be elevated directly into them; and to use, with the silage and grain, a moderate ration of clover hay—eight or ten pounds per head per day.

Wayne Dinsmore.

Iowa Agricultural College.

LIVE STOCK SALES

M. L. Logan's Sale of Short-horns.

Mr. M. L. Logan's sale of Short-horns held at his farm near Lincolnville, Iowa, on Tuesday, September 18th, was not as well patronized by breeders as the quality of the cattle merited. The railroad connections for Lincolnville are not good from eastern and northern points, and this undoubtedly kept several away, as was the case with a prominent Illinois breeder whom the writer met at another sale two days later. These disadvantages coupled with the drought which had been more severe in Mr. Logan's vicinity than in most parts of the country afforded those who did attend, one of the best opportunities of the year to buy good Short-horns and at prices that will show the buyers a nice profit. Mr. Logan deserves much credit for the cheerful spirit he maintained throughout the sale. Everything was sold with the exception of a heifer that had gotten out of condition and an average of \$105.90 was made on Mr. Logan's cattle. A few head consigned by a neighbor are not included in the list and the averages. Mr. H. E. Hayes, of Olathe, Kan., secured the Scotch Victoria cow, Victoria of Meadow Farm 4th, at \$330, the top price of the sale. Mr. Hayes also secured a great bargain in the Marsh Violet cow, Violet of Maple Hill 6th, a daughter of Gallahad, at \$190. The second highest priced female was the yearling Violet heifer, Ladybud, she selling for \$255 to Mr. A. J. Wisdom, of Bloomfield, Iowa. Mr. Wisdom also bought the ten-month-old Scotch Aconite bull, Scottish Archer. This, too, was one of the bull bargains of the year and Mr. Wisdom is to be congratulated on securing so good a bull to head his herd. The top bull of the offering was the yearling son of Victoria of Meadow Farm 4th, Baron Victor, he selling for \$255 to Mr. W. E. Cutler, of Corydon, Iowa. Messrs. Owens Bros., of Homestead, Iowa, were good helpers at the sale and at the same time helped themselves. The cow, Cherry Volumnia 2d, got by Imp. Spartan Hero, and out of a daughter of Imp. Craven Knight, went to this firm at \$180. Mr. Owens after buying her told of his having sold her some years ago in Chicago at \$1,350, and that she was now to return to their farm for the balance of her natural life. Short-horn breeders who were in need of good females missed in this, Mr. Logan's first sale, an opportunity such as is only found now and then, and an average of \$125 on everything sold would have been about what Mr. Logan should have received and when he again announces a sale it is to be hoped he will receive prices that are nearer in keeping with the quality of the cattle found at the Caled Stock Farm. Col. George P. Bellows and Harry Graham conducted the sale in a very satisfactory manner and worked hard for Mr. Logan's interests. A list of all sales of over \$100 follows:

Lot.	Price.
2 Victoria of Meadow Farm 4th, and b. c., H. E. Hayes, Olathe, Kan.....	\$330
4 Double Aconite, J. G. Davis, Corydon.....	165
5 Red Aconite, A. W. Barker, Clio, Iowa.....	200
6 Athene of Maplewood, M. M. Wilson, Numa, Iowa.....	105
7 Ladybud, A. J. Wisdom, Bloomfield, Iowa.....	255
8 Bashful Beauty 2d, H. E. Hayes.....	125
9 Bashful's Lass, J. A. Shira, Lincolnville, Iowa.....	155
12 Scottish Emma, A. W. Barker.....	210
13 Cherry Volumnia 2d, Owens Bros., Homestead, Iowa.....	180
27 Red Beauty, Frank Wilson, Marysville, Iowa.....	105
26 Violet of Maple Hill 6th, H. E. Hayes.....	190
BULLS.	
1 Victor Knight, J. R. Austin, Spicards, Mo.....	150
3 Baron Victor, W. E. Cutler, Corydon, Iowa.....	285
11 Bashful Victor, H. C. Duncan, Osborn, Mo.....	100
14 Scottish Archer, A. J. Wisdom.....	240

Andrews' Dispersion Sale of Angus.

The Angus dispersion sale of Mr. W. W. Andrews, at Maryville, Mo., on Monday, September 17th, could well be considered a success. Iowa, Illinois and Missouri furnished the buyers and competition was lively on the better and more fashionably-bred lots. The top of the sale was \$775, paid by Mr. Stanley Pierce, of Creston, Ill., for Lot 6, Imp. Eudora of Eccleshall. Mr. Pierce also secured Lot 2, Blackbird Irene, at \$525. Mr. Oliver Hammers, of Malvern, Iowa, was a good buyer and secured the Prince Ito cow, Woodland Blackbird Pride, at \$550. Mr. Hammers also secured the top under year heifer, Eudora Erica 2d, got by Messrs. C. D. Hooker & Sons' grand breeding bull, Eraste. The price paid was \$380. Messrs. Robinson & Chappell, of Maryville, Mo., and Messrs. Wheatley & Ward, of King City, Mo., were good buyers and liberal bidders on the better females. The top on bulls was \$300, paid by Mr. G. W. Fink, of Maryville, Mo., for Lot 5, Blackbird Ento, got by Elder Erica, and out of a daughter of Prince Ito. Mr. Fink should, harrington accidents, have in another year one of the great yearling bulls of the breed. The herd bull, Black Magic of Home Dale 2d, went to Messrs. Don Carlos and Martin, of Greenfield, Iowa, at \$205. Twenty-eight lots were sold at an average of \$223.40. The consignment of ten head from Messrs. Hooker & Son's herd averaged right at \$100, which was not what the cattle merited. Colonels Igo and Bellows did the sell-

ing. Following is a list of all sales of \$100 or over:

W. W. ANDREWS' OFFERING. FEMALES.		
Lot.		Price.
2 Blackbird Irene, Stanley Pierce, Creston, Ill.....		\$525
3 Blackbird Irene 2d, C. D. Hooker & Son, Maryville, Mo.....		230
4 Woodland Blackbird Pride, Oliver Hammers, Malvern, Iowa.....		550
6 Imp. Eudora of Eccleshall, Stanley Pierce.....		775
7 Eudora Erica 2d, Oliver Hammers.....		380
8 Eraste Perfect, Robinson & Chappell, Maryville, Mo.....		360
9 Pretty Pride, Johnson Bros. & McGlothlen, Estlin, Mo.....		200
10 Elsy's Pride, Wheatley & Ward, King City, Mo.....		180
12 Orlean's Manilla, Robinson & Chappell.....		400
13 Lula Cap, F. L. Sullivan, Afton, Iowa.....		200
14 Queen's Lula Cap, Wheatley & Ward.....		165
18 Queen 7th of Mt. Vernon, Davis Bros., Maryville, Mo.....		145
19 Queen Favorite 3d, T. F. Morris, Stansberry, Mo.....		105
20 May Bello C., Robinson & Chappell.....		155
21 Bell Bloom 3d, Wheatley & Ward.....		150
22 Bell Bloom 4th, C. D. Hooker & Son.....		145
23 and 25, Rose Andrews and h. c., B. S. Miller, Nodaway, Iowa.....		140
24 Roselle 5th, F. L. Sullivan.....		150
27 Rose 2d of Mt. Vernon, Davis Bros.....		200
28 Lucy 6th of Mt. Vernon, S. E. Wake-man & Son, Bedford, Iowa.....		100
30 Princess 2d of Mt. Vernon, F. L. Sullivan.....		185
BULLS.		
1 Black Magic of Homedale 2d, Don Carlos & Martin, Greenfield, Iowa.....		205
5 Blackbird Ento, G. W. Fink, Maryville, Mo.....		300
SUMMARY.		
22 females sold for.....	\$5,505; average.....	\$250.23
6 bulls sold for.....	750; average.....	125.00
28 head sold for.....	6,255; average.....	223.40
HOOKE & SON'S CONSIGNMENT.		
Lot.		Price.
31 Pride of South Oaks, George Klitcher, Jr., Gower, Mo.....		\$200
34 Zona of Longbranch, Brown & Walker, Clarinda, Iowa.....		105

The Wisner Short-horn Sale.

The first public sale ever held in the new sale pavilion at Wisner, Neb., was pulled off at that place on September 20th, when Messrs. S. S. Hall, Pender, Neb.; J. R. Mansfield & Son, and Theodore Serck, of Wisner, Neb., and Jno. O'Kane, of Bancroft, Neb., sold forty-nine head of Short-horns. The weather man did all he could against the sale by allowing it to rain for almost four days before, thereby making it impossible for people from a distance to get there. The M. & O. railroad did not run for about three or four days, and therefore prevented many from attending. Notwithstanding these many obstacles were against it, they nevertheless had a splendid sale. The forty-nine head averaged \$109.28. Mr. Hall sold thirty head at an average of \$113.08 and Messrs. J. R. Mansfield & Sons sold eight bulls at an average of \$132.18. Mr. Serck's ten head averaged \$85.50. The highest price of the sale was \$260 for the yearling bull, Nonpareil Count, consigned by Messrs. Mansfield & Sons. The highest priced female was Eglantine, a four-year-old cow belonging to Mr. S. S. Hall, and she sold for \$230. The sale on the whole was a decided success and the contributors were well pleased with the result. Col. Geo. P. Bellows cried the sale, assisted by Colonel McGuire, the local auctioneer. Below we list those selling for \$100 and over:

S. S. HALL'S CONSIGNMENT—COWS.		
Miss Phyllis Dudding, three years, A. J. Clark, Wisner, Neb.....		\$130
Miss Phyllis Booth 3d, five years, Wm. Rehphol, Wisner, Neb.....		125
Fanny Booth, eight years, Fred Linder-man, Wisner, Neb.....		105
Adelaide Fanny, six years, J. H. Heine, Hooper, Neb.....		130
Red Fanny, four years, C. B. Jacobson, Wisner, Neb.....		110
Bright Starlet, three years, I. R. Jenkins, Meadow Grove, Neb.....		100



\$59.50 **FREIGHT PREPAID**

30 Days Free Trial **Guaranteed and Backed by a \$25000.00 Bond**

Wagon Box Manure Spreader

FITS ANY TRUCK

The Only Successful Wagon Box Spreader that Fits any Ordinary Farm Truck.

Sold direct from my factory to you. That's the way I sell them. Built on honor. That's the way I build my spreaders. Not how cheap but how good, is the principle on which I build the Galloway spreaders. After I have made them as good as I can then I make the price as low as I can. A spreader for \$59.50. A spreader that I personally guarantee to work as well or better than any other spreader on the market today. My guarantee is the broadest possible—and backed up by a \$25,000 legal bond, which as president of The William Galloway Company I stand right back of. I just want you to try the Galloway spreader. It's a wagon box spreader that I have so much confidence in that I want you to send for one, take it out in the field and use it, or abuse it if you want to, for 30 days, and if you don't find it worth more than the \$59.50 I ask for it just take it back to the depot and ship it back to me. I will pay the freight both ways. You can try it for nothing—and at no risk. My free trial plan is such that you don't have to send me one cent in advance. You get my plan when you get my booklet. I can save you over one half the price you would have to pay for any other spreader. In other words I can save you \$70.00 on a spreader of a fifty bushel capacity. You would tie nearly that amount up in a spreader truck, useless eleven months in the year, if you bought the ordinary high priced spreader. A feature of the Galloway Spreader, as important as its simplicity and low price, is its light draft. Just two horses needed to haul it. Mr. Miller, a prosperous farmer of Waterloo, Iowa, gives all these points in his letter—just read it.

Miller Testimonial Letter.

I have thoroughly tried your horse spreader. Have hauled over 300 loads of manure of all kinds and it did the business to a queen's taste. It has caused no trouble whatever. My 13 year old boy took it out when we first got it and started it up and hauled 6 loads before I saw him and it didn't make any trouble. I feel safe in recommending it to my neighbors and friends. We wore out one spreader of another kind and it caused so much grief that we felt prejudiced against all spreaders but will truthfully say I have changed my mind. LEWIS MILLER.

No spreader made a third as simple as the Galloway. But one operating lever. One other lever for regulating the speed of the heater. Few cogs—and all working parts extra strong. Its beater has a rotary outward motion—nothing just like it. Its apron is simple and works perfectly—of the endless apron style. We positively guarantee them to handle any kind of manure. Sold direct to the buyer without one cent being paid to us in advance, and the freight paid to your station. Now, friend, if you have taken the time to read my spreader advertisement clear through you certainly would not be doing me or yourself full justice unless you complete it by writing me at once and letting me send you without cost my complete Spreader Booklet. It tells all about my spreader and many things you want to know in regard to the future of your land in fertilization. Don't forget the price, \$59.50 freight prepaid. Don't forget my "iron clad" guarantee. The Galloway is the only spreader every farmer can afford to own. I want every farmer to have one. Write for my free spreader booklet today or send in your order now. Write me direct—WILLIAM GALLOWAY, President, WILLIAM GALLOWAY COMPANY, 109 Jefferson St., Waterloo, Iowa.

Just cut out this ad and send it to me with your name and address written on it plainly and I will send you my Spreader booklet by return mail—free, or a letter or postal will bring it.

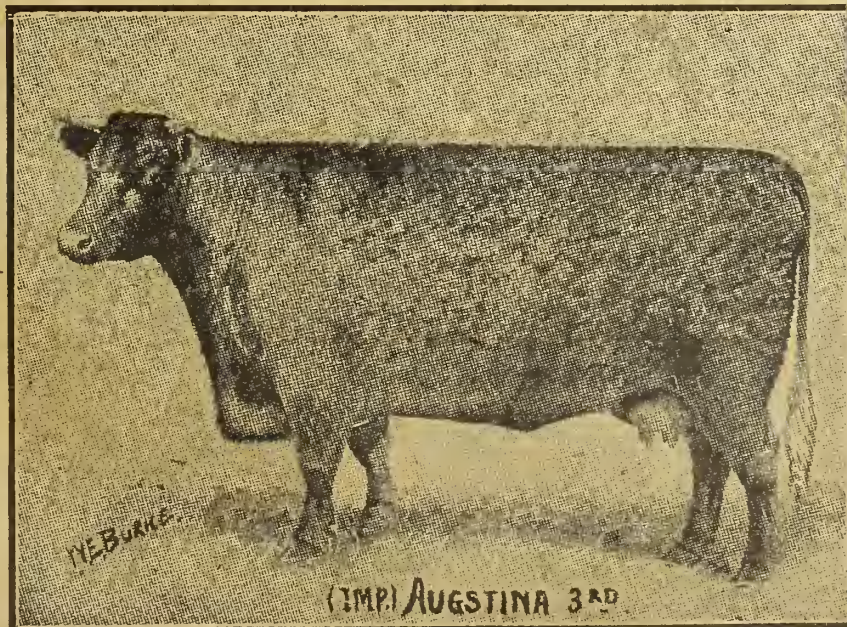
Dudding's Blanche, six years, A. E. Romberg, Scribner, Neb.....	165
Gloster's Blanche, two years, M. Stem-vers, Hooper, Neb.....	150
Lovely Blanche, three years, J. M. Soden, Wisner, Neb.....	107
Frederica Upsilon, six years, Bert Boyer, Beemer, Neb.....	100
Fair Princess, six years, J. H. Heine.....	205
3d Lady Olive of Prairie View, seven years, E. A. McDonald, Wisner, Neb.....	170
Red Princess, two years, A. J. Clark.....	100
Proud Princess, five years, Jno. Bruce, Wisner, Neb.....	165
Golden Princess, eight years, J. R. Mansfield & Sons, Wisner, Neb.....	100
Walnut Ridge Minnie, nine years, Bernard Hevcost, Scribner, Neb.....	140

Leone 4th, nine years, Morris Stenvers, Hooper, Neb.....	109
Eglantine, four years, E. A. McDonald.....	230
BULL.	
Roan Oliver 259787, one year, Carl Heidel-man, Wisner, Neb.....	100
J. R. MANSFIELD & SONS' CONSIGNMENT—BULLS.	
Nonpareil Count, one year, Bernard Havecost, Hooper, Neb.....	260
Cavalier 258708, one year, Jno. Tiedgen, Wisner, Neb.....	170
Ben Dales 258707, one year, Walter Kirk, Beemer, Neb.....	100
Slr Nigel 258710, one year, R. Reimers, Pierce, Neb.....	140
Red Monarch 263914, one year, A. E. Romberg.....	165
THEODORE SERCK'S CONSIGNMENT—COWS.	
Jessie, eleven years, A. G. Behler, Wisner, Neb.....	100
Laura, four years, A. E. Romberg.....	150
BULL.	
Merry Lad 160921, six years, Max Gearhart, West Point, Neb.....	125

Von Seggern's Hereford Sale.

The sale of Mr. J. G. Von Seggern was held at Wisner, Neb., on September 22d and brought out a good-sized crowd, mostly local and from adjoining country. The cattle were nearly all young and right off grass. No very high prices were realized, though a good, fair average was maintained. The high price of the sale was \$135 for the four-year-old cow, Princess Mary. Columbus Boy, a nine-months hulk calf, and a son of his present herd bull, Columbus 25th, sold for \$125, while Popularity, a coming two-year-old, brought \$150. The twelve bulls sold for \$1,022.50, an average of \$85.21. Twenty-three cows sold for \$1,560, an average of \$67.82. The average on the entire offering was \$74. Below is a list of those selling for \$75 and over:

Emmie, four years, Peter Witt, Wisner, Neb.....	\$ 85.00
Fancy, five years, same.....	95.00
Mildred, twelve years, L. Schwinck, Wisner, Neb.....	80.00
Myrtle Belle, five years, Henry Myer, Wisner, Neb.....	80.00
Pearl McAlister, six years, Claus Severs, Wisner, Neb.....	80.00
Princess Mary, four years, Peter Witt.....	135.00
Veda, five years, L. C. Schwinck.....	80.00
Vivian, eight years, Dr. H. Pritchard, Wisner, Neb.....	95.00
Columbus Boy 227786, one year, Ded-rich Spoering, Wisner, Neb.....	125.00
Mackay 226760, ten months, Bernard Von Seggern, Wisner, Neb.....	127.50
Murphy 229242, ten months, Peter Witt.....	105.00
Nugget C. 227789, one year, Dan Earl, Wisner, Neb.....	75.00
Popularity 227169, one year, E. P. Splitberger, Wisner, Neb.....	150.00
Romeo 227122, one year, Henry Myer.....	122.50



The subject of the above illustration represents the beautiful imported Short-horn cow, Augustina 2d. She is a red, calved Nov. 23, 1899, bred by Lady Cathcart, Aberdeenshire. She is quite a showy cow and is a remarkable producer. She is consigned to the dispersion sale of Messrs. R. G. Robb & Son, at Morning Sun, Iowa, October 18th. She has a fancy heifer calf in the sale, dropped Dec. 22, 1905, to the service of Graceful Archer. She was rebred to this great bull Feb. 20, 1906. The picture, by Burke, in no wise overdraws her; in fact, it is a question if it is a good one if her great depth and roundness of body are fully delineated. She is one of the many plums that go in this dispersion sale, including twenty-three Scotch cattle, three of which are imported. See advertisement on page 40.

SCALES 30 DAYS FREE TRIAL

Let us save you \$20.00 on a 2-ton wagon scale—pit or pillars. We guarantee them for 30 days and ship anywhere in U. S. on 30 days free trial. Do not guess the weight of your farm products. Send for catalog and complete information. Kemper-Paxton Merc. Co. 938 Liberty St. Kansas City, Mo.

....LANDS AND HOMES FOR SALE....

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, HAMILTON BROS., WINTERSET, IOWA.

GOOD LANDS

IN Great Platte Valley, Lincoln county, Nebraska. Nice smooth table land of best quality within 5 miles of it. It, town, unimproved, for \$7.50 per acre. Improved farms same locality, \$10 to \$15 per acre. Improved stock ranches, \$5 to \$17.50 per acre. Wild grazing lands from \$2.25 to \$5 per acre. Address Buchanan & Patterson, Land and Im. Ags. U.P.R.R., North Platte, Nebraska.

Oklahoma Lands.

UNEQUALLED opportunities for homeseekers and investors. Millions of acres of the richest farm land in the United States is now owned by Indians who want to sell. Restrictions are being removed so they can sell. Write for particulars and map.

A. J. WALDOCK & CO.,
OKLAHOMA CITY, OKLAHOMA.

BIG CROPS

The eyes of the world look upon the bumper crops of Kansas this year. Buy Kansas land now while price is low, 7,000 acres of it. It, lands near Sharon Springs, Wallace Co., Kan. Will be sold in a body or as low as 3 sections in a group at low price of \$5.25 to \$5.50 per acre and 9 years' time on easy terms. You can't miss it. Go see the land. Next excursion Oct. 24 and 16th. W. F. Shelton Land Agency, 215 Sheldley Bldg., Kansas City, Mo.

WEST MICHIGAN FARMS OCEANA is the most productive county in the state. Fruit, grain, clover, alfalfa, potatoes, stock, poultry, \$10, \$20, \$30, to \$50 per acre. Will produce double cost first year. All sizes; easy terms. Send for list. J. D. S. Hanson, Hart, Mich.

Want To Sell FINDING BUYERS is our business. Free booklet explains our successful plan. Don't wait. Send for it. **REALTY PUBLICITY CO.,** Seann. Am. Bank, ST. PAUL, MINN.

WANT A FARM, For Home or Investment? See Cass County, North Dakota. Red River Valley, richest section in state, or write for reliable information. First National Bank, Casselton, North Dakota.

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

The Week in Kansas.

To the Editor of The Homestead:

At last we can report another "just right" week. It has been neither too hot nor too cold, too wet nor too dry. It has been growing weather from the word go. Wheat sown on this farm last Friday was coming up on Monday, an almost incredible short space of time for wheat to germinate at this season of the year. But then, conditions could not be more perfect for planted seed to grow if it were the middle of June.

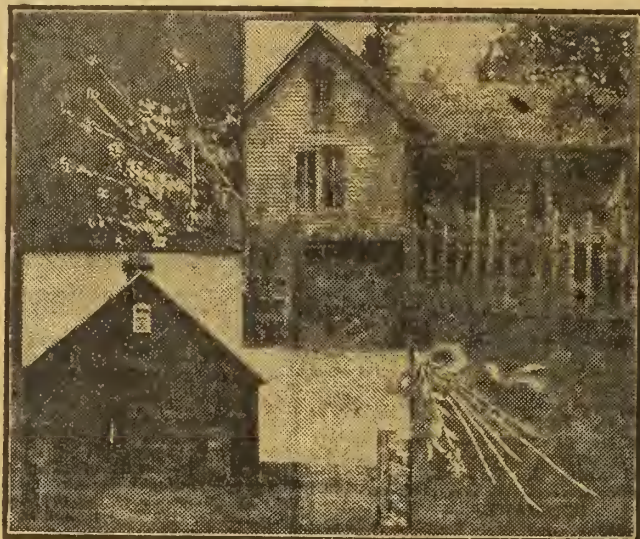
There is no let-up on the amount of work each farmer has on hand to do, in fact it seems to be more pushing the farther the season advances. The harvesting is greater than the planting, a result that puts us all ahead financially, but makes us work harder than we ought.

It is practically impossible to get competent help on the farm at any wages. There are the few young fellows of migratory habits that can be hired for a few days, but what this class of men smash up and waste amounts to as much more as their wages, with the undesirable of having them around, besides. Then, too, the average hand of more or less migratory habit cannot be depended upon one day to stay at work the next. If he sees some hard job ahead, he pulls out for pastures new.

Corn cutting has been the work that is being rushed the most right now. It seems that the corn got at the right stage for cutting at a few moments' notice this year, and almost before any of us realized that it would have to be cut, the work was waiting on us.

Seeding has been done by a few, but the majority have not even started. This thing, that thing and all things to be done at just the same time has made everyone late with their seeding, and as a consequence there will be a considerable acreage of late-sown wheat in this section of the state. However, if the weather continues as favorable for germinating as it is right now, seeding down by the last of this month will be as far ahead as that sown two weeks earlier, at the end of October. Henry Hatch.

SOMETHING GOOD IN MISSOURI



246 Acre Farm in Henry Co., Missouri.

This farm is a finely-located, improved farm about fifteen miles northeast of Clinton, Mo., the county seat, and two miles from a good railroad town. It is all good, level, rich land and can practically all be cultivated.

The improvements are all new and well finished. They include a good, substantial, conveniently-arranged, seven-room house, a good barn 28x40, double corn crib, hog house, chicken house, good cistern and well. The farm is well fenced and cross fenced.

Located as it is, in one of the farming counties in Missouri, and being so well improved, this is an unusually desirable home place. It is also close to the Kansas City markets, which insures higher prices for grain, hay and live stock.

The owner of the farm lives in Iowa and has all his other interests there. He wishes to sell it and will give very favorable terms or might consider a good Iowa farm, live stock or other property in part payment. Write for full particulars.

Send for our new illustrated catalog of improved farms. It is the most attractive list we have ever issued and offers many unusual bargains. The descriptions are complete and the illustrations are from actual photographs of improvements on the farms described. It is printed in handy folder form on good paper and contains a large map of Iowa.

We have a few good farms to exchange for city property, merchandise, etc.

NORTHERN IOWA LAND COMPANY,
INDEPENDENCE, IOWA.

Nothing To Beat This In Kansas.

327 ACRES, fine land, all nearly level; rich soil, with 160 acres now under plow; fair buildings; 1 1/2 miles from good railroad town, Morris County, Kansas, at \$32.50 per acre. Don't pass this up as too cheap, for it is just as good land as the state affords, and if you would rather pay more, why we will raise it to \$40 per acre, what the surrounding farms are held at. Also fine farm 19 miles from Kansas City at a bargain.

INLAND SECURITY COMPANY,
WATERWORKS BUILDING, KANSAS CITY, MO.

SUNNY COLORADO FREE

BOOKLET about Colorado and other WESTERN STATES, has just been issued, setting forth the advantages and profits of investing in irrigated and non-irrigated lands. Beginning with the question, "Do you want a change?" it leads the reader on through a description of the climate, the farming system, fruit and vegetable crops. If interested, write for free booklet. The W. E. Moses Co., 718 17th Street, Denver, Colorado.

LAND. LAND. LAND.
FINE Buffalo County farm of 720 acres for sale, on account of owner wishing to engage in other business. This is one of the finest farms in the state. All A No. 1 farm, wheat and alfalfa land. There are over 10,000 worth of improvements upon this land; 600 acres under cultivation, 80 acres in alfalfa, balance in pasture and wild grass meadow; located 1 mile from school, in one of the best neighborhoods in the county; 12 miles from Kearney, 6 miles from two stations. This land will pay 25 per cent on the investment. Will sell 560 acres in case purchaser does not want the entire tract. Price, \$80 per acre, good terms. Also nice little home of 20 acres, good improvements, located only 3 miles from Kearney; the finest truck and garden land in the world. Price, \$2,000. For above land address owner, W. H. GRASSMEYER, RIVERDALE, NEB.

IOWA FARM
240 ACRES, good dwelling, 2 barns. Land lies well, but part some rolling; abundance water piped from spring to largest tank; has apples, peaches, cherries, grapes, small fruit; about 7 miles to town; line roads; all could be used for corn. Easy terms; this is a snap. Write us, or better come and see this before it is sold. BOSSERMAN BROS., MURRAY, IOWA.

460 ACRE FARM
FOR sale or trade, about 20 miles north of Iowa in Jackson Co., Minnesota; well improved; all very fine land and worth \$60 per acre. Owner wants town property or merchandise, or sell at a bargain. Write to, Western Farm Land & Realty Co., 908 N. Y. Life, Kansas City, Mo.

FARMS WANTED. In exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stills, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

TEXAS LANDS IN THE PANHANDLE, CHEAP. Theo. J. Pugh, Omaha, Neb.

Eastern Kansas

I HAVE for sale at owners' prices, over 300 choice improved farms of all sizes in Lyon and Coffey counties, located in the heart of the best part of NEOSHO RIVER VALLEY.

All smooth, level land, no hills, stone, sand or hardpan; best black soil with clay subsoil. No hot winds; plenty of timber, fine water, tame grasses and fruit of all kinds. Long farming season and short, mild winters. Splendid school and social advantages. A live, up-to-date business town of 1,000 population with two long distance and local telephone systems, 6 rural mail routes; 3 large, new grain elevators; best shipping facilities; 100 miles to Kansas City market. Prices cheaper and selection better than near county seats. Write for new illustrated descriptive circular. Mention The Homestead when writing.

ED F. MILNER, Hartford, Kansas.

William Lampmann,
Station A, Box 11, Omaha, Neb.
DEAR Sir:—Please send to me, free of charge, full information about

IDAHO IRRIGATED LAND.
Yours truly,

(Name)..... (State).....
(Town).....
(R. F. D.)..... (Box).....

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

HOMESEEKERS' EXCURSION
To Jasper county, southwest Missouri, every two weeks. Write for our free list of lands for sale. M. F. Davison Realty Co., Carthage, Mo.

BOTTOM farm, Republican Valley, 1 1/2 miles from town. Raise corn, alfalfa, sugar beets, grain, hogs and cattle. 800 acres at \$25 per acre. D. C. BENEDICT, CULBERTSON, NEB.

NINETY MILLION BUSHEL!



—That's the WHEAT CROP in Western Canada this Year.

This, with nearly 80,000,000 bushels of oats and 17,000,000 bushels of barley, means a continuation of Good Times for the Farmers of Western Canada.

Free Farms, Big Crops, Low Taxes, Healthy Climate, Good Churches and Schools, Splendid Railway Service.

The Canadian Government offers 160 acres of land free to every settler willing and able to comply with the Homestead Regulations.

Advice and information may be obtained free from W. D. SCOTT, Sup't of Immigration, Ottawa, Can., or from

W. V. BENNETT, 801 N. Y. L. Bldg., OMAHA, NEB. E. T. HOLMES, 315 Jackson St., ST. PAUL, MINN.

Mention this paper.

Farm Lands for Sale.



CHEAPEST and best lands on the market. These lands are in Yellow Medicine county, Minnesota, and Deuel county, South Dakota, in fourth tier of counties north of Iowa. You can raise anything in these parts you can raise in Iowa. A good grain and stock country, good water, soil and land like Iowa. We have some fine improved farms for \$40.00, some good stock farms with good improvements on, \$25.00. Prices range from \$20 to \$40, according to land and nearness to town. Any good farmer can make as much money farming 160 acres here as he can in Iowa. Anyone wanting farm lands, don't fail to investigate these lands. Buy a ticket over C. & N. W. to Gary, S. Dak. Take receipt for ticket. On any purchase we will refund fare.

Geo. W. Johnson Land Co.,
State Bank, Gary, South Dakota.



Bring This Advertisement

With you when you come to the Panhandle of Tex. We have our own lands, and will sell at \$10 per A. West is averaging 20 bushels per acre. Other grains in proportion. The last prairie lands to be had cheap. Address,

R. S. Crouse & Co., 213-14 N. Y. Life Bldg., Kansas City, Mo., or Bedford, Texas, Ritchey Hotel.

FARMS IN Eastern Central Kansas, FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa, apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices.

JAMES SHEERAN,
Dickinson Co., Solomon, Kan.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer,
415 KANSAS AVENUE, TOPEKA, KAN.

Homeseekers

AND INVESTORS WE OWN a large quantity of choice farm lands in Indian Territory, now new State of OKLAHOMA, which we offer at low prices and on easy terms. See them before you buy. We can save you money. Our Co. is responsible. We guarantee good titles. Have sold over \$1,000,000 worth of lands in the S. W. the past two years. Can give names of over 100 satisfied customers located. References: Cit. Bank, Windsor, Mo., Bank Com., Muscogee, Neb.-Am. N. Bank, St. Louis, Mo. Write us. CONNORWELTH LAND CO., Missouri Bldg., KANSAS CITY.

FARMS FOR RENT. 640 acres Wilkin Co., Minn., level land; good improvements. 468 acres Dunn Co., Wis.; two sets improvements. 500 acres Keith Co., Neb.; fair small improvements. 740 acres Chantawanna Co., Kan.; one-half plow land, 20 acres orchard; good improvements. All for grain or cash rent. Write for our list of farms for rent.

NORTHERN IOWA LAND CO., INDEPENDENCE, IOWA.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. BAZARI, J. MEEK, Chillicothe, Missouri.

FARM for sale, adjoining Bloomfield, Iowa. Ninety-nine acres improved. Terms to suit buyer. L. H. Bates, Rt. F. D. 3, Bloomfield, Iowa.

....LANDS AND HOMES FOR SALE....

WHAT WOULD YOU DO?

IF YOU WERE A TENANT on high priced land, working 365 days each year—If you were a toiler in town and able only to earn enough to keep even with the world—if you were sick and tired of moving, and hungry for a home of your very own—if you were a young man just starting in life, and were considering the purchase of high priced land, and realized that you must mortgage the future of yourself and family for years if not for life to pay for it—if you were the father of grown children and found the home nest so crowded that it had become necessary to build new nests for some of the brood—if you had saved up a few hundred dollars and hesitated about leaving it in the bank or handing it over to life insurance grafters to speculate with—if you had a surplus that you wished to invest where it would not only be secure but would multiply while you slept—if you had come to realize that while the population is steadily increasing there is BUT ONE CROP OF LAND and that unless you secure a foothold you will be pushed off the earth?

If you were in any one of the above situations, and were offered for \$7.50 an acre, land (on easy terms if desired) as fertile as is found on the prairies of Illinois or Iowa, where bountiful crops were growing and everyone was prosperous and happy—WHAT WOULD YOU DO?

Why, you would do just as about one hundred others have done who have investigated the Golden Prairie of Wyoming within the past sixty days. You would go at once to Pine Bluffs, and climb into our big Northern Automobile. You would be quickly carried out upon the gently undulating Golden Prairie. You would see crops that will pay twice over for the land at present price. You would take a spade and dig into that fertile soil. You would drink your fill of pure cold water. You would gaze on herds of grazing cattle that look like they had been stall fed. You would breathe an atmosphere pure, healthful and exhilarating. You would become firmly convinced that that land will soon be selling at several times its present price. You would buy all the land your means would permit and would instantly become a member of the "Golden Prairie Boosters' Club."

In the short time since we placed our Golden Prairie lands on the market our sales have been phenomenal. We have disposed of about 20,000 acres, our purchasers coming from Iowa, Illinois, Kansas, Missouri, Tennessee, Virginia, Indiana, Ohio, Alberta, Canada, Arkansas, Nebraska, New York and other places. The Golden Prairie will soon be thickly populated, and you should not delay. We have arranged for the purchase of a large steam plow with a capacity of thirty to forty acres per day, to cultivate a part of the land which we will retain permanently, and also for the accommodation of those of our customers who wish plowing done.

Here is a sample of the many testimonials we are receiving from scores of our pleased customers:

On the recommendation of Mr. E. A. Nye, vice-president of the Century Fire Insurance Company, with which I am connected, I called at the office of the Federal Land and Securities Company relative to an investment in their Golden Prairie, Wyoming land. After hearing a description of the land and seeing samples of crops grown, I purchased a section, which was selected for me by the president and treasurer of the company, subject to exchange by me if I preferred.

On August 21st I went to look at the land. Mrs. Beatty accompanied me and we had a delightful trip. On arriving at Pine Bluffs we took our seats in a fine Northern automobile and were soon speeding over the "Golden Prairie," looking at the fields of golden grain, some in shocks, some just being harvested. We couldn't help remarking how appropriate indeed is the name, "Golden Prairie."

We found the section selected for us a beauty and I could not have made a better selection had I spent a week there. In my judgment that country is all right. The soil is deep and fertile, the surface is just undulating enough to drain well. The crops are equal to the best in Iowa, the climate is superb. I expect my land to double in value within a year, and continue to advance until it commands as high a price as the best farm land in the central states.

To all who wish to buy land worth true money from a company composed of upright, courteous gentlemen, I commend the Golden Prairie country and the Federal Land and Securities Co., of Des Moines, Iowa.

Des Moines, Iowa, September 3, 1906.

[Signed] C. L. BEATTY.

We are selling your choice of this land (and there is really very little difference in the value of one section as compared with another) at \$7.50 per acre in tracts of quarter, half, three-quarter and whole sections, with a small cash payment and balance on ten years' time with easy annual instalments and low interest.

Fill out and send us the attached coupon today, and you will receive a reply with map and full particulars by return mail. Low rate excursion tickets furnished, and railroad fare refunded to purchasers.

THE FEDERAL LAND & SECURITIES CO., Owners, News Arcade Bldg., DES MOINES, IOWA

If you are interested in securing a choice farm for a home or as an investment, fill in the blank lines and mail us this coupon at once.

Federal Land & Securities Co.,
News Arcade Building, DES MOINES, IOWA.

GENTLEMEN: Please send map and full particulars of your lands in the Golden Prairie District of Wyoming.

Name

Address

Acres Wanted

Can Pay Down \$

References by permission: Des Moines National Bank, Des Moines, Iowa; Indianola Banking Company, Indianola, Iowa, and the publisher of this paper.

**I Can Sell Your Real Estate or Business
NO MATTER WHERE LOCATED**
PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

**DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.**

THE CHEAPEST LANDS

IN the U. S. today, when quality, climate, diversity of crops, largest returns for labor and natural advantages are considered, are in western Kansas, southeastern Colorado and the Panhandle of Texas. Arrange to go with us on our next excursion. Excursions every 1st and 3d Tuesdays of each month. Write us for description of country, products, advantages and prices. All questions promptly and cheerfully answered.

U. S. IMMIGRATION CO., 305 JUNCTION BLDG., KANSAS CITY, MO.

160-ACRE FARM

IN Greene county, Iowa, located in rich, thrifty German and American settlement; 115 acres in corn, balance pasture and meadow; 7-room house, barn, orchard and grove to the west and north of buildings. The very best of soil. Price, \$65 per acre.

S. K. NOLAN,

Cor. Fifth and Mulberry Sts., Des Moines, Ia

800 ACRES, Keith County, Nebraska, six miles from Ogallala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.
BOX 51, INDEPENDENCE, IOWA

ARE COMING WESTWARD?

BUY a home in central and northern Kansas, in the corn, wheat, alfalfa and hog belt. We have the best of soil and an ideal climate. For full description and particulars, address
Griffin's Real Est. Agency, Smith Center, Kan

HORSE RANCH, with meadow and range for 500 head, will be exchanged for half interest in live stock company that will stock the ranch with 100 good mares. No expense for feed or management for two years. Leiml Land Co., Salmon, Idaho.

When writing please mention this paper.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 52 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 80 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and world of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY OF NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers,
Capital and Surplus, \$250,000.00.
LARIMORE, - - - - - NORTH DAKOTA.

YOU WANT TO INVESTIGATE

THESE Lyon Co. farms before buying elsewhere. 80 acres 7 miles from Emporia; 40 acres under cultivation, balance pasture and meadow. All of farm can be put under plow. Good bearing orchard, never failing water, cottage house of 7 rooms, barn, cribs, etc. On R.F.D. and 'phone line. Price, \$3,600. 163 acres; 70 acres first bottom, balance slope and upland; 90 acres cultivated and balance meadow and pasture. Good orchard, all kinds fruit bearing. Good water, barn for 12 head horses, granary, cribs, feed lots, etc. Dwelling of 7 rooms. Price, \$6,500. Write for booklet on Lyon county and list. All correspondence cheerfully answered. I. N. Wells & Son, Emporia, Ka.

FARMS, STOCK RANCHES, CITY PROPERTY

DOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank. Hartford Land Co., Hartford, Kansas.

FOR SALE.

80 A. being farmed, \$30. 160 A. scattered timber, hilly, good soil, \$25. No buildings on either. Both in Harrison county, Ia. 155 A. good soil, 1/2 cleared, gently rolling, small buildings. Decatur Co., Ia., \$30. 130 A. Mercer county, Mo. Pretty good soil, nearly level. Two sets of buildings, \$32. 90 A. Harrison county, Mo. 80 A. is level, rich corn land, fair buildings, \$27. 155 A. Boone county, Neb. No improvements, \$6. 250 A. Rock county, Wis. Level, grass and corn land, cheap buildings, \$25. No trade of any kind considered. Write for description. Address, L. M. Mann, Owner, - Des Moines, Ia.

WILL exchange quarter section of land in Sergeant Co., N. Dak., for good registered cattle. Address, T. E. Laurence, Portsmouth, Iowa.

FOR choice bargains in farm lands in central Neb., the great alfalfa and corn country, address, P. H. Marlay, Mason City, Nebraska.

CROPS NEVER FAIL.

CALIFORNIA In the beautiful Sacramento Valley, Sunset Colonies offer best opportunity in California for the farmer, fruit grower and stock raiser. Tracts of 10, 20, 40 acres or more of the richest land, all under irrigation. Abundant water at low rates. New model town now building. Two railroads. Good markets for all products. Dairying and stock raising very profitable. Ten tons alfalfa to the acre. Peaches, pears, grapes, figs, etc., pay well. Good roads, good schools, churches, electric lights, etc. A rich and prosperous farming community. Four thousand acres just subdivided and now offered for sale on easy terms. Just the place for a home. Near Feather River, with fine hunting and fishing. This is the land of the Big Oak Trees. Write for free illustrated pamphlet. Mention this paper. Sutter Irrigated Farms Co., 1109 Post St., San Francisco, Cal. (Agents wanted.)

CORN LAND.

AN improved quarter section. One and a half miles from Crandall on the new M. & St. L. R. R. in Clark County, South Dakota. One of the best farming districts in the state. 50 acres plowed; one-quarter mile from school; R. F. D. etc. It taken at once I will accept the low price of \$17.50 per acre on reasonable terms, no commission to be paid. Write to see call upon the owner.

E. M. KIERON,

311 Nicollet Ave., - Minneapolis, Minn.

EASTERN KANSAS.

THE PLACE FOR YOU?

160 ACRES all tillable, 120 under plow, 4 roomed house, half mile from R. R. Station, 6 miles from 2 good towns. It's a dandy. Price \$400, easy terms. 120 acres, 3 roomed house, good barn, fine orchard, good water on R. R. D. 60 acres broke, all tillable. Price \$400-\$500 cash, balance your terms. Call on or address.

F. S. BENNETT,
LOCK BOX 16, EMPORIA, KANSAS.

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment.
BOX 151, INDEPENDENCE, IOWA

OUR NEW MAP OF TEXAS

SENT free for the asking, shows the location of 500,000 acres of land in Texas, where we have fine fruit and tobacco lands, and some timber, which we can sell now at \$8, \$10, \$15 and upward per acre. Send for our descriptive circular. Address, Geo. H. Henfford, 277 Dearborn St., Chicago, Ill.

FOR sale, S. E. Mo. farms and timber land \$3 to \$50 per acre, fairly improved \$10 to \$18 per acre, reasonable terms. Frank Pearce, Fredericktown, Mo.

When writing please mention this paper.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Oct. 2, John Weighton, Audubon, Iowa.
 Oct. 2, S. L. Moore, Cyclone, Ind.
 Oct. 3, Watson Bros., Creston, Iowa.
 Oct. 3, H. A. Sherwood, Hartwick, Iowa.
 Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, J. C. Danner, Yale, Iowa.
 Oct. 8, R. E. Williams, Oakland, Iowa.
 Oct. 9, N. J. Hiltbrand and Lewis Bros., at Princeton, Ill.
 Oct. 9, August Voke, Portsmouth, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, O. E. Mickey at Osceola, Neb.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellett, Iowa.
 Oct. 13, Aug. Sonnenland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 15, E. Z. Russell, Blair, Neb.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrillon, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, L. W. Crose & Son, Mason City, Ill.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelby, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Baemussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Brige & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, H. E. Watson, Edinburg, Ind.
 Oct. 20, M. Mibills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Indian, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, A. Aldritt, Friend, Neb.
 Oct. 22, F. A. & W. G. Karschner, Wilcox, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Marks, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 26, Thoma & Hogeett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Rell & Cooper, Ferris, Ill.
 Oct. 30, McNeill Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stancell & Matern, McNabb, Ill.
 Nov. 17, E. A. Olive, Scranton, Iowa.
 Jan. 15, A. L. Bergeten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeill Bros., Bowen, Ill.
 Jan. 19, August Voke, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanke & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Rell & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lovrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogeett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy Weet, Bonduant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Russellville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Pate, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, H. Higgin & C. T. Roberts, Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Charlton, Iowa.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 23, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 THE ONLY WAY DUROC CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schroeder & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Oct. 2, E. Cosgriff, Clarence, Iowa.
 Oct. 4, J. B. Brown, Solon, Iowa.
 Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, John Hugbes, Belle Plaine, Iowa.
 Oct. 6, A. M. Janes, Lafayette, Ill.
 Oct. 8, Geo. A. Hans, Newton, Iowa.
 Oct. 9, Ira Cottingham, Edeu, Ill.
 Oct. 10, J. Z. Wilson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, at Raleigh, Ia.
 Oct. 18, R. G. Rohb & Son, Morning Sun, Ia.
 Oct. 18, W. L. Wood, Washington C. H., O.
 Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, A. P. Fubmeister, Cburdan, Iowa.
 and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, T. A. Baldwin, Emmetsburg, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 1, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 13, Tbe Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 14, S. H. Thompson's Sons and Wm. Smith & Son, West Liberty, Iowa.
 Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, 28, Parsons, Turner & Stewart, Newton, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 1, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 12, Dr. Obas L. Marston, Mason City, Ia.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 March 20, James Stack, Harvard, Neb.

POLAND CHINAS.

Sept. 29, Fred Reed, Clearfield, Iowa, and H. Feenmeyer, Clarinda, Iowa, at Clarinda.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Sanman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, F. J. Green, Early, Iowa, and Ben Ercughton, Lake View, Iowa, sale at Lake View.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 18, S. R. Patterson, Centerville, Iowa.
 Oct. 18, O. R. Pbepls, Taintor, Iowa.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, G. H. & J. L. Mahr, Corning, Iowa.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Root, Clearfield, Iowa.
 Oct. 24, C. Llonberger, Humboldt, Neb.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 15, A. L. Melth, Cairo, Neb.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.

ABERDEEN ANGUS.

Oct. 2, Hewitt Bros., Morning Sun, Iowa.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 12, G. N. Oxley, Bedford, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 19, M. D. & C. G. Kornas and Wm. Dixon, Hartwick; U. S. Grant, Brooklyn; A. H. Kimball, Ladora, and H. H. Reed, Marenco, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Oct. 25, McElhinny & Cubit, S. E. Edgar, and others at Morning Sun, Iowa. W. K. Henss, Manager, Wayland, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Casb, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, Steward, Mt. Zion, Iowa.
 Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 May 23, C. J. Martin, Cburdan, Iowa.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reese, Prescott, Iowa.
 SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.
 Nov. 27-28-30, South St. Paul, Minn., D. R. Mills, Mgr.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.
 SHROPSHIRE SHEEP.
 Oct. 4, G. M. Flsher, Battle Creek, Iowa.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

Dates Claimed for Live Stock Sales.

HEREFORDS.

Oct. 3, W. E. Hemenway & Son, Morris Cook and N. M. Grimes, Steward, Ill.
 Oct. 8, N. J. Hiltbrand and Lewis Bros., at Princeton, Ill.
 Oct. 17, 18, 19, Frank Rockefeller, at Kansas City, Mo.
 Oct. 30, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 11-12, Armour-Funkbouser, Kansas City, Mo.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 THOROUGHbred HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Soc., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Soc., Manchester, Iowa.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

GALLOWAYS.

Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
 SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
 Nov. 21, Saddler Bros., Hastings, Neb.
 POLED DURHAMS.
 Oct. 5, Combination Sale, L. G. Shayer, Kalona, Iowa, Mgr., at Omaha, Neb.
 HOLSTEIN-FRIESIANS.
 Feb. 14, H. C. Gillsman, South Omaha, Neb.
 SHORT-HORNS AND DUROC JERSEYS.
 Oct. 27, A. P. Alsin, Boone, Iowa.
 Feb. 25, W. C. Cameron, Herman, Neb.
 SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

PERCHERONS AND SHORT-HORNS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.
 PERCHERONS.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 CHESTER WHITE AND DUROC JERSEY HOGS AND SHROPSHIRE SHEEP.
 Oct. 11, Combination sale, J. S. Kennedy, Mgr., Blockton, Iowa.
 O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.
 POLAND CHINAS AND HEREFORDS.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 POLAND CHINAS, DUROC JERSEYS AND CHESTER WHITES.
 Oct. 5, Boar and sow sale, F. A. Strong, Orient, Iowa.
 Nov. 9, Northwest Breeding Company, Emmetsburg, Iowa.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

FIELD NOTES.

Mr. Chas. Sobotka, of Cainsville, Mo., can supply Duroc Jersey boars and gilts that are bred and grown for usefulness.
 Messrs. Daniel Leonard & Sons, of Corning, Iowa, have a good lot of Shropshire rams and ewes for sale. Write them and send your order at once.
 The Short-horn sale of Mr. R. E. Williams, Jr., of Oakland, Iowa, will take place on October 8th instead of October 4th, as stated in last week's Homestead. See advertisement on page 30.
 Messrs. Ruebel Bros., of Rockwell City, Iowa, are offering a grand lot of Poland China boars for sale, and their prices are very reasonable. Those wanting boars will do well to write them.
 Messrs. Wheatley & Ward, of King City, Mo., are offering a number of Aberdeen Angus bulls that are ready for service. These are from good families and by breeding bulls that sire such stuff as is found desirable.
 Remember Mr. W. A. Raukin's sale of Durocs at Carson, Iowa, September 28th. He is selling some Ohio Chief and Glendale Critic boars that are worth looking after, as well as a choice lot of sows and gilts.
 If you want a good, blocky, red Short-horn bull of good milking strain, or a lengthy, strong-boned Chester White boar pig, write Mr. W. W. Vaughn, Mariou, Iowa. He will price them right. See advertisement on page 32.
 The Buff Cochins offered for sale by Mrs. Amos H. Hanson, of Collins, Iowa, on page 10 of this issue, are choice ones and are only bas a few for sale. She will quote special prices on young cockerels for the next ten days only.
 Mr. S. J. Butts, breeder of Duroc Jersey swine, Mason City, Iowa, in remitting for advertising, writes: "My stock are in good condition and ready to send out. We need ten days more to finish our corn crop." See advertisement on page 35.
 Mr. J. T. Scarff, breeder of Ohio Improved Chester White swine, of Salem, Iowa, has choice pigs for sale, as advertised in his announcement on page 33 of this issue. He names the price at which he will sell for the next thirty days. He guarantees satisfaction.
 The advertisement of Mr. M. A. Easthouse, of Hartley, Iowa, will be found on page 27 of this issue of The Homestead. In furnishing copy Mr. Easthouse writes: "My Poland Chinas are in good condition, the pigs are growthy and extra heavy boned. I guarantee satisfaction or will refund the money. My herd boar, Oris Duke 88967, which I am offering for sale, is of extra good length, heavy-boned and with well-sprung ribs. I will ship this hog on approval to any re-

liable purchaser. I guarantee him to be a good breeder."

Short-horn breeders interested in the public sale to be held by Mr. R. E. Williams, Jr., of Oakland, Iowa, will bear in mind that the sale is to be held October 8th and not October 4th, as stated in our last issue. See advertisement on page 30.

Mr. L. M. Mann, of Des Moines, Iowa, has several tracts of farm land that he is offering for sale on page 21 of this issue of The Homestead. For more particulars and full descriptions of these tracts, it will be necessary to read the advertisement and write Mr. Mann.

In the sale advertisement last week of Mr. R. E. Williams, Jr., of Oakland, Iowa, the date of October 4th was given as that on which he would hold a public sale of Short-horn cattle. It should have been October 8th, as per advertisement on page 30. Those interested will please make note of this correction.

Mr. S. R. Patterson, of Centerville, Iowa, will hold his second annual Poland China sale on Thursday, October 18th, at which time he will offer seventeen spring boars and gilts, sired by Golden Rod Chief 100547, one of Meddler's best sons. He will also offer for sale fall gilts and sows bred to him. Write for catalog. See the advertisement on page 27.

Mr. T. E. Laurie, of Jacksonville, Ill., breeder of Duroc Jersey hogs, has a most excellent lot of pigs for the season's trade. At the Illinois State Fair next week Mr. Laurie will have a nice lot of stock which will bear inspection. Look him up and watch these columns for further particulars concerning the sale consignment to be sold on Tuesday, October 23d.

Mr. W. W. Vaughn, of Marion, Iowa, is making special prices on ten blocky, thick, all-red Short-horn bulls ten to twenty months old, and thirty smooth, heavy-boned Chester White boars of spring farrow. Take advantage of the low railroad fare to Cedar Rapids next week and go and see them. Electric cars between Cedar Rapids and Marion every ten minutes. See advertisement on page 32.

Mr. D. L. Pond, of Inman, Neb., is one of the well known western breeders of Polled Durhams who is consigning cattle to the combination sale at South Omaha on October 5th. He sells eleven head, largely of the Rose of Sharon and Arabella families, and his cattle will undoubtedly please those who attend the sale. Those who believe in the usefulness of Short-horns should not fail to be present on the above date.

The first-prize Oxford ram lamb at the late Iowa State Fair, Now Or Never 27493, weighing 400 pounds, and four other buck lambs sired by the same ram, are offered for sale by Mr. F. C. Thackaberry, of Tampico, Ill., in his advertisement that appears on page 34 of this issue. Mr. Thackaberry is also offering Poland Chinas for sale. For full particulars in regard to the stock, write him at the above address.

Mr. A. Latimer Wilson, of Creston, Iowa, writes us that some unscrupulous horse salesman is reporting over the country that he is not selling his choice imported stallions at \$1,000 each. Mr. Wilson requests us to say through our columns that he is selling his choice of the last importation at \$1,000, and that he will sell a good two-year-old imported Sibre colt at \$700. These are his cash prices.

Messrs. Humbert & Son, importers and breeders of Percheron horses, of Corning, Iowa, write: "Our last importation of Percherons arrived at our barns in fine shape. We did not spare money and time in selecting them. They are all of the big, heavy-boned, drafty kind; all will beat a ton in weight at maturity. Among the lot there are several sons and grandsons of the world's famous Besigue 19002."

Dr. T. C. Brady, of Marshalltown, Iowa, is offering 100 head of sheep, forty-two head of horses, four cows, and the necessary machinery located on a leased South Dakota ranch, for sale on page 27 of this issue. The doctor states that there is ample room for 5,000 head and that the lease runs for five years at eight cents per acre, and for someone who has the time to give it the necessary attention it is a money-making proposition.

Messrs. Allen Bros., proprietors of the Allendale Stock Farm, New Sharon, Iowa, in furnishing copy for change of their advertisement which appears on page 33 of this issue, write: "We have several good bulls now of serviceable age, and a number of good calves soon to be a year old. Most of them are sired by Proud Blackcap, our Blackbird-topped Pride bull, which in ordinary flesh weighs over a ton. Our animals are all in good shape and would prove money makers for any man."

On October 10th, Mr. F. H. Herring, of Iowa City, Iowa, will offer for sale at public auction forty head of Duroc Jersey hogs from his Greendell herd. The offering will consist of twenty boars and twenty gilts, the get of Inviucible 15143, Perfection Chief, 28567, Crimson Wonder Jr. 41103, Grand Chief 14932, Sensation 7393 and Reliance 14555. They are out of dams equally as well bred and are a growthy lot of March and April farrow. They are pronounced by Mr. Herring as excellent all of his past offerings. The catalogs are now ready. See his advertisement on page 27.

Messrs. Heury Bros., of Le Mars, Iowa, in sending change of copy for their advertisement, write as follows: "We have again won sweepstakes on our great Poland China boar, Matchless Jr., at the Interstate Fair. This is the second time he won sweepstakes at this show. We also won first on him at the Minnesota State Fair. At the Interstate Fair we won first on herd under one year, first on herd under one year bred by exhibitor, second on herd over one year, second on herd over one year bred by exhibitor, first on four bogs get of sire, first on yearling sow, first on sow under one year, first on boar under one year, first on aged boar and sweepstakes boar all ages. All these winnings are on Matchless Jr. and his get. This was the greatest Poland China show ever seen in the West. We have a grand lot of fall boars and a good bunch of spring boars, mostly elred by this great hog, for sale. Just say to readers of The Homestead that if they want a boar sired by this great two times sweepstakes boar that

they should lose no time in sending their order. First come will be first served. We want to hear from all."

Mr. W. E. Franklin, of Sabetha, Kan., is offering some choice pigs sired by Van's Perfection. This hog has sired some choice animals.

Mr. E. C. Thornhill, of Joy, Ill., is advertising Thornhill's Anti-Shrink, which he claims is a money saver for shippers of hogs and cattle. He will furnish for \$5 enough for four cars. See his advertisement on page 6.

Unequaled opportunities for homesekers and investors are offered to readers of The Homestead by Messrs. A. J. Waldo & Co., of Oklahoma City, Okla., in their advertisement that appears on page 20 of this issue. They make the announcement that the restrictions heretofore placed on the Indians which prevented them from disposing of their lands are being removed and now millions of acres of the richest farm lands are being offered for sale by them. Write the above firm for particulars and maps.

Messrs. E. L. Nagle & Son, breeders of Chester White swine, of Deep River, Iowa, in furnishing copy for their advertisement found on page 33 of this issue, write that they are all sold out of fall, February and March hogs, but that they have a few April males that are good ones. They say: "We had a fine trade at the state fair, sold thirty-four head. We have thirty-two spring gilts that can't be beat that we will sell open or bred. Breeders who want good gilts had better write us at once. We have thirty-five of September farrow that are a promising bunch. We will sell and ship these as soon as weaned."

Mr. J. G. Truman, manager of Trumans' Pioneer Stud Farm, importers and breeders of Shire, Percheron, Belgian, Suffolk and Hackney stallions, of Bushnell, Ill., writes: "I am very much pleased to report that our horses arrived home in good condition from the Indiana State Fair on Monday. Our last importation of stallions and mares are doing fine and are ready for the Illinois State Fair, where we expect to make quite a select exhibit. I feel safe in saying that at no time in the twenty-eight years that we have been in the importing business have we ever had on hand as large a number of first-class horses as we have at the present time. I shall be very much pleased to hear from any of your readers that are anticipating buying either a Shire, Percheron, Belgian or Hackney stallion this season."

On page 27 will be found the announcement of Mr. George H. Purdy, of Mason City, Iowa, in which he sets forth the advantages of his Clover herd of Duroc Jersey swine. Mr. Purdy has an unusual bunch of March and April hogs sired by such noted hogs as Improver 2d, Advance, Tip Top Notcher, Ohio Chief, Sensation, Granger and Orion. This herd was inspected by our representative and found to be in first-class condition. The stock is large and growthy, of proper colors and in every way fit to command the attention of all who may be interested in first-class Cherry Blonds. Mr. Purdy desires to close out these hogs now at bargain prices in order to prepare for his winter brood sow sale, which will be held February 22d in honor of Washington's birthday.

The Greeley Horse Importing Company, of Greeley, Iowa, had an importation of 116 head arrive on Monday, September 10th, mostly Percherons and Belgians, the finest lot of two, three and four-year-olds Mr. Holbert has ever imported. In fact, the United States government veterinary who inspects all horses before they can land at New York, said he had never passed a lot of colts and horses with such size, bone and quality. These horses were under the care of Mr. Thomas Holbert and came from New York by special express train and all landed at Greeley in fine shape and a large part of them are ready to sell at once. Mr. A. P. Holbert and his son, Fred, are still in Europe buying Shires, Hackneys, German coach, Belgians and more Percherons. He will soon land another shipment of over 100 head. Mr. Fred Holbert will remain in Europe to make further shipments during the winter. Both Mr. Holbert's sons received their schooling in Europe and speak German or French as fluently as their mother tongue. One of the young men remains in Europe all the year buying at all seasons, which, knowing the country as they do, enables them to sell a large part of their horses to dealers and importers cheaper than they themselves can buy them in Europe. They make a specialty of selling to dealers and will be pleased to correspond with anyone contemplating buying horses to sell again. They are selling to individuals at wholesale prices. They sell only for cash or well-secured notes and do a big business on a sound basis for a small profit on each horse. See advertisement on page 31.

On page 32 will be found the advertisement of Mr. Geo. Hans, of Newton, Iowa, announcing the sale of Short-horn cattle and high grades at his farm, two and one-half miles from Newton, on October 8th. Mr. Hans has been a Homestead advertiser for a number of years and has supplied many of our readers with good Short-horn bulls at modest prices. His herd has now grown to such proportions that he feels it necessary to somewhat reduce it before winter, hence has drawn from among the breeding matrons eleven choice cows, more than half of which have calves at foot or are bred to the Cruickshank bull, Victor Alexander 2d. The remainder of the pure-bred offering consists of eleven bulls, all yearlings and of good color. These bulls are all by Beauty's Prince, a son of Gwendoline King and he by the great Gwendoline Lad, used by Mr. N. A. Lind and out of the champion cow of America, Gwendoline 2d. Beauty's Prince belongs to the famous prize-winning Nerissa family that furnished the great bull, Nonpareil King, and other celebrities shown by Mr. Geo. Bothwell, of Nettleton, Mo. Mr. Hans did not feel like drawing on his breeding herd for the full quota of pure-bred necessary to make a successful sale, hence he has listed fifteen practically pure-bred unregistered Short-horn cows and heifers and five steers of like breeding. This will certainly be a great opportunity to the farmers of central Iowa or all who are within easy distance of Newton to buy some Short-horn cattle at what, in all probability,

will be modest prices—yet the cattle are from very useful, prolific families. They are well colored and well shaped, but will be frosh from the pasture with no special fitting. In our next issue we shall have something to say of the different families represented.

Messrs. Hanson Bros., of Doan, Iowa, can furnish Homestead readers with Duroc Jersey and Poland China spring pigs of either sex. They also have one yearling Poland China boar, one fall and one two-year-old Duroc Jersey boar for sale. They also have for sale a large female Collie dog and one male, Light Brahma chickens and Hereford cattle. Write them your wants, or, better still, if convenient, call and see their stock.

Mr. I. J. Lorton, of Union City, Ind., the well-known breeder of Duroc Jerseys, writes under recent date as follows: "We have received a letter from one of our old customers, Messrs. J. H. Lewis & Son, of Cameron, W. Va., today, and he says at their state fair he won on yearling sow hought of me last spring, and in herd show won on pig recently bought of me. He now wants a spring boar to develop for next year. Pigs are doing fine. Early pigs will weigh 200 pounds, not fat. I recently sold a spring boar to Mr. N. G. Kessler, of Cassopolis, Mich., who reports that he is very well pleased and will show him next week." Mr. Lorton has one of the best herds in Indiana. At the head of his herd stands I. J.'s Chief 12445, first-prize aged boar at Indiana State Fair, 1905. Mr. Lorton has a fine lot of pigs for sale at reasonable prices and will be pleased to correspond with breeders or farmers wanting herd hogs. Look up the advertisement on page 34 and write for particulars, mentioning The Homestead.

RUSSELL'S SALE POSTPONED.

The public sale of Mr. E. Z. Russell, of Blair, Neb., has been postponed to October 15th, in order that parties can reach several other Nebraska sales which will occur in the early part of October.

SHORT-HORN BULLS GOT BY IMP. MUTINEER.

Some all-red Scotch Short-horn bulls got by Imp. Mutineer are offered by Mr. A. C. Berry, of Unionville, Mo. These bulls are strictly first class and Mr. Berry prices them worth the money.

THIS LAND WILL MAKE YOU MONEY.

In this week's issue of The Homestead, the W. F. Shelton Land Agency, of Kansas City, Mo., offer for sale 7,000 acres railroad lands near Sharon Springs, Wallace county, Kan. This land will be sold at the very low price of \$5.50 per acre and on the most favorable terms. Do not fail to read their advertisement on page 20 and write to them for more information, and when doing so, mention The Homestead.

LINOFELT MATERIAL THAT WILL MAKE YOUR HOUSE WARM.

The Union Fiber Company's fire-proof factory at Winona, Minn., will be in operation by October 15th, and will be ready to accept orders for Linofelt for delivery about that date. Anyone desiring to complete a building this fall should get his order in early, as the great demand for Linofelt throughout the Northwest will tax the capacity of their plant to the limit.

ENGLISH FOX TERRIERS.

Mr. S. J. Miller, of Kirksville, Mo., has a card on page 10 in which he advertises English Fox terriers. Mr. Miller breeds the Fox terrier because he likes the strain and because they have no superiors as rat dogs. The pups he offers are from recorded stock and are eligible to registry. They are nicely marked and are offered at very reasonable prices. If you want something fine write Mr. Miller today and kindly mention this paper.

QUICK'S HERDS AND FLOCKS.

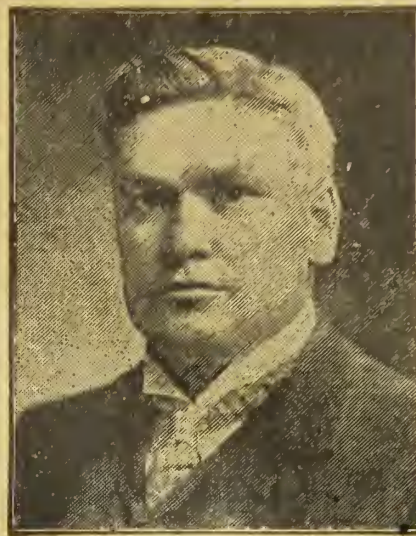
Messrs. S. R. Quick & Sons, of Gosport, Ind., have an advertisement on page 27 of this issue which should interest readers of this paper. They are offering for sale at reasonable prices 350 Duroc Jerseys, 150 Shropshires, and 100 Short-horns and Polled Durhams. On account of the large number on hand Messrs. Quick & Sons are offering stock for sale at greatly-reduced prices. Write at once for particulars as per the advertisement, kindly mentioning The Homestead. Further particulars will be found in our next issue.

HULBERT'S POLAND CHINA CATALOG.

We are just in receipt of the private herd catalog of Mr. Charles M. Hulbert, of Oakland, Neb., which is one of the most up-to-date catalogs that has come to this office. It is well illustrated with his herd hogs and leading brood sows, some of which have been leading winners at the fairs. It may be had for the asking and everyone interested in Polands should have one of them. A postal addressed to Mr. Hulbert will get one. Remember that in this herd is Oakland's Prospect, that won second at the last Nebraska State Fair, as well as the first prize under year boar at the same show. We ask you again to write for this catalog and mention The Homestead.

DISPERSION OF BLACKBIRD DODDIES.

A very important dispersion sale of Aberdeen Angus cattle will be held on November 14th at Mt. Vernon, Iowa, at which time the famous herd of Blackbird doddies owned by Messrs. Baker & Smith will go under the auctioneer's hammer. There are forty-eight head in the sum total—thirty-nine females and nine bulls. Fully four-fifths of this entire offering is of the very popular Blackbird family bred in lines that are the most prized and appreciated, even by the critics, who are indulging in the advancement of this famous prize-winning family. There will be a few Prides and other families listed in the sale, including two of the best Angus herd bulls to be sold this season. This sale is made necessary to dissolve the partnership existing between Mr. Matt Baker and Mrs. Smith. Mr. Baker will retire to a farm of his own and later engage in breeding Angus cattle. Everything will be sold without reserve or by bid. There probably never has been a sale where as many Blackbirds were offered by one firm on this continent, and speculation runs high as to what these choice-bred Blackbirds will bring. The catalogs are ready for distribution by Messrs. Baker



DR. T. F. WILLIAMS,
CONSULTING PHYSICIAN.

GERTRUDE REDFORD, HAMILTON, MO., writes me: "When I commenced your treatment it was almost impossible for me to breathe through my nostrils. Now I can breathe through them without any difficulty, although I have not quite completed the second month's treatment. I believe your medicine can do all that is claimed for it."

J. W. HOOD, LE ROY, IOWA, says: "Have only missed one day's treatment in four months. I do believe it cured me in three months, but wanted to be sure. I have no more catarrh trouble and thank you very much for your good advice to me."

ALBERT GEHRKE, RAINIER, WASH., writes: "I have suffered from catarrh for two years. I am glad to tell you that I am perfectly cured after using your treatment for two months. It has cured me and will cure others."

I receive such letters as these every day from grateful patients all over the United States. You can have the same experience by filling in the coupon and mailing to me. This costs you absolutely nothing but a two-cent stamp. Why delay when such an opportunity is offered you?

FREE TREATMENT COUPON.

Dr. T. F. Williams, 211-213 Crocker Block, Des Moines, Iowa.

Please send me free symptom blanks with a view to my taking your free month's treatment.

Name

Address

& Smith, at Mt. Vernon, Iowa. Mention The Homestead in applying for the same.

R. J. PECKHAM OFFERS GOOD POLANDS.

Mr. R. J. Peckham, of Pawnee City, Neb., is offering some choice pigs sired by John-son's Chief, Major Blain (now dead) and a few other as well-known sires. If you want the Blain type of Polands you will get them here. Mr. Peckham purchased his first Poland China of Mr. Blain and has very much of the same blood in his herd today. It would pay you to write him for prices at once. His crop of spring pigs are very growthy and are the kind that grow into useful sows and good sires. Look up his advertisement on page 33.

JOHN TUTTLE'S ANNUAL SALE OF POLAND CHINAS.

For his fourth annual sale of Poland Chinas Mr. John Tuttle, of Fillmore, Mo., has listed forty head of the tops of his herd. A few are fall hogs, several are thrifty spring hogs, the balance, and over one-half of the offering, are sows, some of which have litters that sell with dams. Mr. Tuttle has stuck to the Tecumseh, and the entire offering will be found rich in the blood of Tecumseh 3d. A neat catalog has been issued, and those who are interested should write Mr. Tuttle today for one. This will be one of the opportunities to step in and buy good hogs at worth-the-money prices, as Mr. Tuttle has not gained the prominence his herd deserves. See page 34 for advertisement and kindly mention The Homestead when writing.

ANGUS AUCTION AT THE AMERICAN ROYAL.

Aberdeen-Angus breeders will be given an opportunity to bid upon an unusually attractive offering at Kansas City during the American Royal of 1906. Mr. Omer Catterson, of Maryville, Mo., includes four young animals that he has been showing this season. The Queen Mother heifer, Maplehurst Queen 30th, a calf of last January, and the Coquette heifer, Maplehurst Coquette 4th, calved September, 1905, are exceptionally good ones. The Coquette is from a dam that was bred by Mr. McHenry, and she was sired by the Pride bull, Paragon of Alta, a grandson of the champion Heather Lad of Emerson 2d. The Queen Mother mentioned was got by the double Queen Mother bull, Clansman Chief, second winner of second prize at the American Royal in his two-year-old form. The other two entries of Mr. Catterson are both Queen Mothers, and the yearling bull, Maplehurst King 9th, grandson of the Trojan-Erica bull Endor, is one of the most attractive bulls of the auction. Paul M. Culver, Edgerton, Mo., includes a grandson of Rosegay, Don View Point, third prize winner at the recent Nebraska State Fair; Queenly of View Point, a Queen Mother heifer that was first prize winner at same show; and Geo. Kitchen, Jr., of Gower, Mo., enters Helmet A., a young bull that was also awarded first prize at the recent Nebraska State Fair. He was sired by Helmet 3d, first prize two year old at the Missouri and Kansas State Fairs of 1905, and he was out of the dam of Jewel of Alta, first prize and junior champion heifer of the western state fairs of 1905. Mr. R. S. Williams, of Liberty, Mo., who has been one of the strongest supporters of these American Royal auctions in the way of furnishing good, thick-fleshed breeding cattle, offers two good cows on this occasion, one of which is by the noted Black-

Have You Catarrh?

Have you given up all hope of a cure? Write me today and receive free my book on Catarrh in all its forms. I will diagnose your case and tell you frankly if I can cure you. For twenty-five years I have made a specialty of treating Catarrh and have thousands of cured patients who are living testimonials to the efficiency of my methods.

bird hull, Black Magic, and the other by the Ballindalloch Nosegay bull, Grapewood Banker 2d. The cows are both in calf to the sire of champions Zaire 17th, and Mr. Williams also consigns a splendid daughter of this bull to the auction. The auction occurs on Tuesday, October 9th, and while the offering is not large, it is the opinion of Manager McGavock that it is the best that has been made at Kansas City for several years. Catalog can be obtained by addressing Mr. W. C. McGavock, Springfield, Ill.

OXLEY'S ABERDEEN ANGUS SALE.

At Bedford, Iowa, on October 12th, Mr. George N. Oxley will close out his entire herd of Aberdeen Angus cattle. There will be about fifty head in the sale, composed of cows, heifers and young calves. Some of these are bred along the most popular lines, and represent the Easter Tulloch Duchess, Jeannette, Nosegay and other well-known tribes. The entire offering will be sold right off grass, and while they will not be fitted especially for this sale, nor loaded with fat, they will be in good breeding condition. There will be some good individuals among the heifers that farmers and breeders can well afford to take a hold of. Everything goes, as Mr. Oxley is very desirous of closing out. If any of our readers wish to pick up a bunch of doddies at prices that they can make money on they should not fail to attend this sale. Watch next week's issue for further particulars. Sale will be held under cover. Cols. Silas Igo and Piper Bros., auctioneers.

SCHAEFER'S SCOTCH AND SCOTCH-TOPPED SHORT-HORN SALE.

One of the best sales that will be held in northern Iowa this year will be that of Messrs. F. A. Schaefer & Son, of Raleigh, Iowa, on October 17th. They are selling fifty head, among which are sixteen head of Scotch cattle, including one imported cow and one Canadian-bred cow. There will be some choice young Scotch heifers in the sale, and the remainder of the cattle will have from two to six and seven Scotch tops. Among the Scotch cows that go into the sale will be Imp. Cella 9th, a six-year-old daughter of the Duthie-bred bull, Proud Star. This cow was bred by Mr. George Campbell, of Kinnellar, Aberdeenshire, Scotland, and she is one of the choice things in the offering. She is bred to their grandly-bred two-year-old bull, Choice of Archers, recognized as one of the best Scotch bulls in northern Iowa. They sell a good Duchess of Gloster cow, bred to choice of Archers and an Orange Blossom bred to the same bull. They sell two good Orange Blossom heifers and two good Gwendoline heifers. Two other nice heifers are Lady Laura of Raleigh, a daughter of Imp. Nonpareil, and Lauretta, a daughter of the Scotch bull, Golden Robin and out of Imp. Lady Laura 12th. They are cataloging one of their herd bulls, Bridal Archer, a richly-bred Scotch and about nine young bulls. One of the best of these young bulls is Sittytton Archer, a December calf. He is a son of Choice of Archers, and his dam is Sittytton Lass by Sittytton Hero, a Dryden-bred bull. He is a red in color, low to the ground, thick and blocky, and very much resembles his sire. He will be one of the best things in the bull line in the sale. There will be eight or nine other young bulls, largely of Scotch breeding, and there are some very good ones among this lot. If you are interested in Short-horn

PILES

FISTULA--NO MONEY TILL CURED

Rev. J. J. Pritchett, Pastor Melrose Methodist Church, Kansas City, Mo., writes under date of August 26, 1906: "Your treatment of my case of piles, fistula, contraction, etc., was highly successful and I can unreservedly and conscientiously endorse your institution and its splendid work. It is a privilege and a pleasure to send those afflicted as I was to you for relief."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....
Town..... State.....

cattle write Messrs. Shaefer & Son, Raleigh, Iowa, for catalog and kindly mention The Homestead.

SANMANN'S POLAND CHINA SALE.

On Wednesday, October 10th, Mr. R. A. Saumann, of Glasford, Ill., will hold his annual public sale of Poland China hogs. Fifty head consisting of yearling sows, fall and spring pigs of both sexes, will be offered at this time. Mr. Saumann has been a successful breeder of Poles. Particular attention has been paid to the large, growthy, quick-maturing type, with plenty of quality and finish. Breeders and farmers in search of good Poland Chinas representing fashionable families should write to Mr. Saumann at once as per the announcement on page 31 of this issue, kindly mentioning The Homestead.

WEST'S DUROC SALE.

Thursday, October 11th, has been selected by Mr. W. S. West, of Hanna City, Ill., as the date on which he will offer fifty-five head of Duroc Jerseys at public auction. Mr. West is known to many of our readers as one of the oldest and most successful Duroc breeders. Included in the offering are four mature sows, twenty-five spring gilts of March and April farrow, two fall gilts by Leveler, one fall gilt by Bachelor and twenty spring boars. All but three litters of the spring stuff are sired by Top Wonder 42051, he by Wonder Chief by Pilot Wonder, his dam a granddaughter of old Top Notcher. The offering is equally as good individually, as the blood lines represented in this herd have produced some of the most noted prize winners of the breed. Write for catalog as per the advertisement on page 31 of this issue, kindly mentioning The Homestead.

THE AMERICAN ROYAL HEREFORD SALE.

Prospects for the American Royal show this year are most flattering. All classes in all departments are very full and the show will be the greatest yet held. The Hereford cattle selected to be sold at public auction on the afternoon of October 12th at the live stock pavilion, have been selected with unusual care. Anticipating that a great number of the breeders would want to buy a bull good enough to head a herd of No. 1 good heifers, the bulls selected for this sale have been selected with the object in view of filling the wants of such breeders. A great deal could be said about these cattle that we do not deem necessary to say now, as it would take entirely too much space to go into details as to the good points of each animal. If you want to buy a good bull to head your herd, or a few good cows or heifers to add to your herd already established, do not fail to attend this sale. Call this week a vacation, come to the show, shake hands with your old friends, get acquainted with new breeders, have a good time and take home a good bull. If you would like a catalog descriptive of the animals, Secretary C. R. Thomas, 221 West 12th St., Kansas City, Mo., will take pleasure in mailing you one. See advertisement on page 28.

THE BEST WEARING RUBBER BOOT ON THE MARKET.

Every farmer reader of our paper needs a good, strong rubber boot to get out in the slush and rain, which will soon be upon us; he also wants a boot that will stand the hard wear he has to give it. The Security Looming Duck Boot, advertised by the Hamilton-Brown Shoe Company, of St. Louis, Mo., on page 4 of this issue, is just such a boot. This Security rubber boot is made of pure rubber and the best duck, and is positively snag proof. A representative of this paper was shown a number of pairs of this boot that had been worn for some time, and there was not a hole or snagged place on any of them; they were the best-looking lot of rubber boots that had seen lots of wear that we ever saw. The new boot looks exactly like the rubber boot in the illustration in the advertisement, and if your dealer does not carry them in stock, do not take some other, but write the Hamilton-Brown Shoe Company, St. Louis, Mo., and they will tell you just how to get this Security rubber boot. If you once get a pair of these boots you will never have any other kind, as they are the only ones that will stand the hard wear you have to give them. Insist on getting the Security Looming Duck Boot and take no other.

AN IMPORTANT HEREFORD AND DUROC SALE.

Messrs. N. J. Hiltabrand, of Lostant, Ill., and Lewis Bros., of Geneseo, Ill., will offer for sale at public auction on Monday, October 8th, at fair grounds, Princeton, Ill., an excellent lot of Hereford cattle. The day following, Tuesday, October 9th, fifty head of Duroc Jersey swine will be offered for sale. Messrs. Hiltabrand and Lewis Bros. have been breeding Hereford cattle for a number of years, using the best bulls obtainable and by selecting top females of superior breeding and individual merit have succeeded in building up splendid herds. Over half the offering is composed of females, many of which have calves at foot while others are well along in calf or will calve soon after sale day. In fact, every female of breeding age will be bred or have calf at foot. Few as good lots of cattle are ever consigned to public sale as the one which will be offered by these men. Full particulars regarding the offering will appear in these columns next week. In the meantime send for catalog as per the announcement on page 26 of this issue. The Duroc Jerseys are a large, smooth, growthy sort. Thirty spring boars, mostly by Improver H., he by Acrobat by None Such, the sire of Hanley, the noted show and breeding boar; ten fall cows and ten spring sows, make up the consignment, worthy the attendance of all breeders and farmers wanting something good. Valuable additions can

be made to good herds or herd boars secured. Further particulars regarding offering will appear in these columns in our next issue. Write for catalog at once as per the announcement on page 26, kindly mentioning The Homestead.

TOWNSEND'S DISPERSION SALE.

On October 25th, at Anita, Iowa, Mr. C. E. Townsend will make a closing out sale of his entire herd of Short-horn cattle, numbering about seventy head in all. There will be about twenty-five or thirty head of Scotch cattle in the offering, including his herd bull, Sovereign Cupbearer, a five-year-old son of Imp. Sovereign. There will also be about nine head of young Scotch bulls in the sale. The Scotch families represented are Orange Blossom, Victoria, Mysie and Nonpareil. He also has a splendid offering of Scotch-topped cattle. Mr. Townsend has disposed of all his interests in this state and is moving to South Dakota and this is the reason for closing out his herd. Some good cattle will be sold in this sale and it is going to be a good place to add to one's herd or to get a foundation to start a herd. There will be nine Scotch bulls in the sale, including his herd bull, Sovereign Cupbearer. Write for catalog and watch future issues of The Homestead for particulars. Kindly mention The Homestead when writing.

LAST CALL FOR OSBORN'S OHIO CHIEF SALE.

On October 4th at Carson, Iowa, the day following the Harding sale and at the same place, is where Mr. O. E. Osborn, of Weston, Iowa, will sell forty-five head of the best Duroc Jerseys he has ever raised. In looking back over the many years in which Mr. Osborn has bred Durocs, we can point to many a sow and boar that has come from his herd that has helped make his reputation and has placed his name at the top as one of the breeders who believes in a square deal. Mr. Osborn has a half interest in Ohio Chief and he is selling seven or eight of his boars in this sale. He also sells two choice gilts by the same boar. Ten of the boars will be sired by his old boar, Indicator; eight by Briggs' Prince, and two by Miss Bob's Wonder. There will be several good sows in his sale. One of these is sired by old Malcolm's Model and is out of a Crimson Wonder dam. A very choice Indicator sow that he sells in the sale will have a litter of pigs by Ohio Chief, and he also puts in an Orion-bred sow that will have a litter by Ohio Chief. If you want Ohio Chief-Crimson Wonder-Malcolm's Model or Orion blood, you cannot go wrong if you make your purchase of Mr. O. E. Osborn. He puts in an offering that is a credit to any breeder. There will be a choice lot of herd headers in his offering. Send for his catalog and attend the sale. Kindly mention The Homestead when writing.

FORTY HEAD RECORDED HEREFORDS FOR SALE.

A joint sale of Hereford cattle, the property of Mr. F. J. Green, of Early, Iowa, and Mr. Ben Broughton, of Lake View, Iowa, is announced to take place at the Sunny Slope Stock Farm, Lake View, Iowa, on October 11th. The offering will consist of ten bulls and thirty females, all but ten of the latter being of breeding age and having calves at foot or bred to have calves soon. Mr. Green is dispersing his entire herd. He has been a careful, consistent buyer of the right kind of Herefords for some years past, but owing to the death of his son, for whom the cattle were purchased, and the ill health of his wife, he is obliged to give up farming entirely. His herd of cows is uniformly good, sired by such bulls as Garfield by Anxiety Grove 2d, running to The Grove 3d; Sunny Slope Tom 2d by Wild Tom, The Imp. Soudan, Printer, Archibald and Columbus 19th. His young stock were sired by the Briton-bred bull, Rosebud 11007 by Gentry Briton by Christmas Gift by Ancient Briton, the dam tracing back to Earl of Shadeland 12th and Lord Wilton. This was an exceedingly smooth, well-formed bull. Professor Curtiss said of him that he was good enough to show anywhere. Mr. Green has shown his cattle on several occasions, always taking the money. At one time Rosebud at the head of the herd won first prize on herd, all breeds competing, at Alta, Iowa, going ahead of Mr. A. C. Binnie's herd at that place. The present herd bull used by Mr. Green is Allen Overton 2d, a bull having three crosses of Anxiety 4th in him. He was used successfully for a while as herd bull in the herd of Mr. C. G. Comstock, of Missouri. His produce is showing up very nicely. The cows consigned to this sale by Mr. Green will be bred to this bull or have calves at foot by him. Mr. Broughton is consigning about twenty head from his Sunny Slope Farm herd. In making this selection he has been careful not to consign any aged cows or anything that is not in the pink of breeding condition. "Most of my cows," he writes, "are carrying their second or third calf at the present time, and I guarantee them all to be regular breeders. They are with calf by, have calves by their sides by, or were themselves sired by my present herd bull, Dudley 17625. Dudley was by Andrew by Don Carlos, dam by Beau Brummel. From this it will be seen that he is an intensely-bred Anxiety bull. He was a prize winner at the Sioux City Fair this fall without any fitting. He has half brothers and sisters owned by Messrs. Cargill & McMillan, of La Crosse, Wis., that have been first prize winners this season as well as last in the circuit of state and national fairs. The young bull, Leopold, sired by Dudley, deserves special mention; his dam was a granddaughter of the Earl of Shadeland 30th. This is a bull that any breeder might feel pleased to own. At Sioux City, without being fitted, he won second in his class, second at head of breeder's young herd and second as one of four get of one sire. Professor Curtiss said of the class, the get of one sire, that all they needed was a little more fitting and they were good enough to show anywhere. Several of my cows, one bull and the two bulls consigned by Mr. Leslie, of Auburn,

were sired by grandsons of the mighty Dale." Altogether this will be a sale to attract the attention of the best breeders. There will be the most popular blood, good individuals, and the sale is made by men of the best reputation. Parties wanting catalogs should address Mr. Ben Broughton, Lake View, Iowa, or Mr. F. J. Green, Early, Iowa. See announcement on page 27.

WAVELAND SHORT-HORNS.

So unusual has been the demand for the sale of catalogs of Mr. J. B. Brown's forthcoming sale at his farm near Solon, Iowa, October 4th, that we refer to a few numbers in the catalogs, that are pretty generally distributed, as being among cattle shown by him which won prizes. Lot 31 of the sale catalog, Royal Victor, won sixth in the open class and third in the Iowa special at the recent Iowa State Fair. Lot 35 was third in the Iowa class and headed the breeders' herd that with Lots 9, 17, 3 and 24 won fifth in the open class and first in Iowa. The above prizes were all captured this year by cattle that are included in this forthcoming sale. In 1904 Mr. Brown won both the breeders' young herd and the get of sire at the Iowa State Fair and fourth in the open class and in the Iowa special the same year he won both firsts. Lots 1, 10 and 22 were members of this same herd at that time. Last year at Columbus Junction District Fair both the old and young herd prizes were captured, by Mr. Brown's cattle. We make the above additional notes so that those who hold Mr. Brown's catalog can readily refer to these animals by number and see just what the breeding is.

SONNELAND'S DUROC JERSEY SALE.

On October 13th at Harlan, Iowa, Mr. August Sonneland will make a public sale of fifty head of Durocs at the new sale pavilion, and he will put in the pick of this year's crop of pigs. It is very largely a Top Notcher sale, there being ten good boars by Tip Top Notcher, the World's Fair sweepstakes boar, and ten boars by old Top Notcher. There will also be three boars in the sale sired by old Orion and several by Top Notcher Chief 2d. Mr. Sonneland has been a purchaser of some of the very best sows in many of the leading western sales and last spring he went east and topped several of the good eastern sales. He also puts in a few good sows with litters, and he sells a few of his best spring gilts. Mr. Sonneland writes us under recent date and says: "You can say to Homestead readers that I am putting up one of the best offerings of Tip Top Notcher and Top Notcher boars that have ever been offered in the West. My offering will be in nice, useful condition, and just right for breeders. If any of the boys are after the blood that has been foremost in making the leading winners, they can get it in my sale. My catalog is now ready and will be sent on application." When writing for catalog kindly mention The Homestead.

PODENDORF'S IOWA SUNSHINE OFFERING.

On Friday, October 12th, at Council Bluffs, Iowa, will be held the great Iowa Sunshine Poland China sale of Mr. A. J. Podendorf, of Logan, Iowa. This sale is made at the Bluffs simply to accommodate buyers from eastern and southern Iowa and from Nebraska points. Mr. Podendorf's sale always attracts from abroad and his offering this fall is not going to be any exception to the rule. The majority of the stuff that he sells in this sale will be sired by Iowa Sunshine 33086, the boar that sired all of his show stuff, and the boar that has had more to do in bringing Mr. Podendorf and his herd to the front than any other hog he has ever had on the place. As a sire of high-class stuff, carrying quality, bone and finish, Iowa Sunshine has had few equals in the state. In twenty-four litters on the place this year he has sired 200 pigs, thereby proving himself one of the most prolific sires. Mr. Podendorf is selling forty head in this sale, twenty of which will be fall and spring boars and twenty will be sows and gilts. He will sell eight fall boars and the rest will be spring boars. These are nearly all sired by Iowa Sunshine. Among the number will be his great state fair winner, Sunshine Finish, out of Proud Ollie (the dam of forty pigs in four litters) by Proud Perfection. This pig was farrowed the 7th of March and won second at Des Moines in a class where there were 154 entries. It is often said that a pig does not get his deserts, and many breeders here is a great herd heading proposition, and the man that is out for a boar to head a herd will not go wrong in buying this pig. He was one of the greatest young hogs at Des Moines this year. There are several other very toppy Sunshine pigs in the sale that breeders can use to good advantage. The fall boars will also make good, useful breeders. He is putting in three mature sows. One of the best of these is Iowa's Beauty, a two-year-old sow. She was a winner at Des Moines last year and also this year, and she will make a great show sow for next year. This sow Messrs. John Francis & Sons made a long offer for at Des Moines and they wanted her for next year, but she was cataloged for this sale and the breeders will have an opportunity to get a splendid sow if they buy her. Another good two-year-old sow is called Valentine, and Mr. Podendorf puts her in for an attraction. She took second at Nebraska last year and fifth at Iowa. She is due some time after the sale to a boar called Mischief Lad, a son of old Mischief Maker. The other sow is Molly Perfection, a granddaughter of Chief Tecumseh 2d, and she is one of the best breeders he has ever owned. She is also bred to Iowa Sunshine. One of the things that Mr. Podendorf hates to part with is Iowa Belle, a September sow and a daughter of Iowa Sunshine. He places his reputa-

tion on this fall sow and unhesitatingly says that she is the best sow he has ever bred. There will be six fall gilts in the sale, mostly sired by the old hog. It will be essentially a Sunshine offering and those who are wanting this great strain of Poland China blood should not fail to attend this sale. If you cannot attend the sale, send a bid to Mr. M. T. White, a Homestead representative, in care of Mr. Podendorf. The catalog is now ready. Write for it and mention The Homestead.

TREATMENT FOR TICKS AND FLIES.

The following rather elaborate recipe for ticks, horn flies, stable flies, etc., is recommended by the Tennessee Agricultural Experiment Station: Cottonseed oil (fish oil may be substituted), one gallon; sulphur, one pound; carbonate of potash, one pound; concentrated lye, three ounces; beeswax, one-half pound; Zenoleum, one pint; water, three gallons. Heat the cottonseed oil, sulphur, potash and beeswax until the beeswax is melted; then add three gallons of the cottonseed oil or fish oil. To this add one pint of Zenoleum or crude carbolic acid. Before applying this wash to the cattle or horses, dilute with equal parts of water, thoroughly mixing it to form a good emulsion. Those of our readers who are disposed to experiment might try this and report results.

JANES' SHORT-HORN SALE--LAST CALL.

The class of cattle which Mr. A. M. Janes, of Lafayette, Ill., has selected for his forthcoming sale should appeal to buyers of the best sorts of Short-horns. Imported and home-bred Scotch and Scotch-topped females of the most fashionable strains, many of them with calves at foot, some of these bred again and others well along in calf make the offering a desirable one. The herd bulls, Gwendoline Victor and Baron's Champion, are offered for sale through no fault, but simply because Mr. Janes has a very liberal number of the get of these two bulls in the herd and cannot use either profitably. Baron's Champion is evidence of his breeding qualities. He is equally as good a sire of bulls as females and will make an excellent bull to head some good herd. Gwendoline Victor is one of the richest-bred Cruickshank bulls in this country. He was shown at the World's Fair and International in 1904, and was a prize winner at both of these shows in strong competition. He was the highest-priced bull sold in the International Short-horn sale of 1904. Many of his calves are to be found in the offering, giving breeders a good idea of his breeding qualities. The offering is a high-class one in every respect and should not be overlooked. Look up the advertisement on page 35 and plan to be present on sale day. Write for catalog, kindly mentioning The Homestead.

LAST CALL FOR JOHN HUGHES' SALE OF SHORT-HORNS.

October 6th is the date, and Belle Plaine, Iowa, the location at which Mr. John Hughes, formerly of Victor, Iowa, but more recently of Belle Plaine, will sell a choice lot of Short-horn cattle, forty-three head in all--eleven bulls and thirty-two females. Mr. Hughes is selling a fair sprinkling of Scotch cattle confined to three families, the Simplices or Secrets, the Marr Emmas and the Cruickshank Strawberry or Secret family. The Emma cow that is included in this sale is Emma 20th. She and her two daughters are listed. This beautiful cow traces to Imp. Emma 3d, she by Young Englishman. This is the same foundation that produced the famous prize-winning twin Emmas, so successfully shown by their breeders, Messrs. J. H. Potts & Son, during their career as Short-horn breeders. Emma 17th is of this same family, a cow that sold for \$1,750 at auction. Mr. Hughes is presenting a good lot of business Short-horns, fresh from the pasture. He is selling a number of good bulls, among which is the splendid red bull, Strawberry Lad. This bull is three years old and was sired by Village Nonpareil, his dam being the beautiful Cruickshank Secret cow, Imp. Seedling Strawberry. She was sired by the Bruce bull Jerimard, while her dam, Imp. Strawberry 4th, was by Fopsman, a bull bred by Mr. Sylvester Campbell, and he by the Cruickshank bull, Gravesend. This bull is worthy of a place in some good herd and in fact has been in heavy use by Mr. Hughes, hence is a tried breeder and one that will be worth considering on sale day. Simplicity 4th is included in the sale, a splendid roan cow bred by Mr. C. W. Norton. She is by Baron Victor 2d, he by Imp. Baron Victor, her dam being Simplicity 2d by Imp. Cupbearer, and she out of the \$1,200 Imp. Simplicity and own daughter of Cumberland. This cow has a red bull calf at foot calved Jan. 23, 1906. The other cattle are Scotch-topped American sorts, such as Young Phylis, Zella or Fashions, Nell Gwynnes, Rose of Sharons and other standard sorts. There will be five Scotch females and two Scotch bulls listed in this sale. It should be sufficient evidence that some good cattle are offered when so good a judge as Prof. C. F. Curtiss, of the Iowa Agricultural College, bought their present herd bull to succeed Imp. Scotland's Crown from Mr. Hughes, he being a bull of Mr. Hughes' own breeding. This sale will be held the day following Mr. George H. Burge's sale at Mt. Vernon, Iowa, and is very easily reached from Mr. Burge's place, both Belle Plaine and Mt. Vernon being on the main line of the C. & N. W. Ry., Mt. Vernon about twelve miles east of Cedar Rapids, and Belle Plaine about thirty miles west. Belle Plaine being a division point, all trains stop. Note the advertisement on page 30 and write Mr. Hughes at once for the sale catalog. Col. Carey M. Jones will officiate at this sale in his pleasant and apt manner. We predict some bargains, as this is the last of the week's series of Short-horn sales in this section of the state, the chances being that the buy-

ers will be pretty well filled up with cattle by the time Mr. Hughes' sale day is reached. The heavy milking qualities of the Hughes Short-horns are one of the strong points in favor of the herd, but the cattle are not heavily fitted, hence this will accrue to the buyer's benefit and to Mr. Hughes' loss, as it is a well-known fact that the average buyer will pay more for a fat beast than one in thin breeding condition.

ASA TURNER'S DUROC JERSEY MALES.

Mr. Asa Turner, formerly of Maxwell, Iowa, but now of Farrar, Iowa, is offering a very fine bunch of young Duroc Jersey males at reasonable prices. His pigs are by two noted sires, namely, King Perfection 16235, the well-known sweepstakes hog at the Iowa State Fair, he by Banker Boy 2d out of Fancy Perfection, and also Advancer Lad by Advancer 28773 out of Rosehill Belle. Two of the sows in his herd have made notable fair records while in the hands of Mr. G. A. Munson. Among the sows are Prospect 79792 by Sheepspeare out of Countess 2d; also Maxwell Belle 33480 by Ohio Prince out of Reed's Fancy; also Miss Luther 33502 by Luther's Chief Jr. out of Iowa Queen. No man who is posted on Duroc Jersey blood lines needs to be told that this is exceedingly rich breeding. Not only is the breeding right, but the individuality is there in every case. The public demand for the sows that are now owned by Mr. Turner when they were put up at auction compelled him to pay good prices, but an examination of their first litters indicate that they were after all good bargains. Mr. Turner is selling these hogs from \$25 to \$50 each. He will not send out a single pig that does not come up to a high standard, so that our readers are safe in sending in their money and describing the kind of a pig wanted. Address Mr. Asa Turner, Farrar, Iowa.

JONES' NATIONAL SCHOOL OF AUCTIONEERING MOVED TO CHICAGO.

Homestead readers will, no doubt, be somewhat surprised to note that the popular live stock auctioneer, Col. Carey M. Jones, of Davenport, Iowa, has moved his school of auctioneering and oratory to 231 Ashland Boulevard, Chicago. This has been done in the interests of the school, Chicago being the center of the live stock interests of America, or of the world, for that matter, furnishes better opportunities and facilities for the students than could possibly be furnished in a city like Davenport or Des Moines. Col. Carey M. Jones, the president of Jones' National School, is the pioneer and founder of this system of training students in the line of selling blooded live stock and all other classes of property. The phenomenal success of his work at Davenport has surprised even Mr. Jones' intimate friends. The seventh term will open November 19th at the above location. This is unquestionably the best school, the best equipped in all its departments of any auctioneering school in the world. Students attend from almost every state in the Union, as well as from the British possessions. A well-known auctioneer who took a course at the Jones' National School recently said to the writer that he would not be deprived of what he learned at this school for \$1,000, although it cost him but \$100. It should be remembered that the great national stock yards, where all kinds of live stock are sold, affords the students one of the best opportunities extant in which to see the methods of disposing of stock at auction. Mr. Jones has associated with him the strongest corps of instructors that money will secure. The Homestead wishes him the unlimited success of which he is deserving in his removal to Chicago, where his opportunities are unlimited.

ARE YOU INTERESTED?

The coming sale on October 10th at Osceola, Neb., will give the breeders and farmers an opportunity to improve their respective herds by investing a few loose dollars in a few good hogs. Messrs. E. J. Brown and O. E. Mickey, of Osceola, Neb., have selected as choice a lot of Durocs as the two herds could afford and will offer them to the public on the above date. Both gentlemen have good herds and each herd has been topped to make the best offering one that will please those interested in good Durocs. In looking over the Brown herd we first find the grand show hog, Red Knight. This animal was strong enough to win first and sweepstakes in one of the strong shows at Nebraska in 1904. He is a well-balanced boar with good, strong back and good side lines, good head and ear, and very good legs and feet. He was a favorite among all who saw him at the fair, and the decision met with the approval of all. He has sired some strong sons that will be included in the sale and we predict good luck to the one who might be fortunate enough to secure a Red Knight get. Belle's Echo sired by Echo King and out of the greatest Duroc sow, Nebraska Belle, is also in the herd. He is owned by both these gentlemen and they have a strong offering by him. His get in the Fentress sale last fall were ready sellers and were choice animals as well. The cross on Red Knight sows has figured out as expected and consequently several strong herd boars are to be found among the list. Mr. Brown will consign about twenty boars, and these are good. Mr. Mickey will consign about eighteen head, mostly sired by Homestead Gold Dust by Gold Dust Jim. This boar is one of the best sows of the great boar, and his get are real choice animals. Mr. Mickey has a few sired by Red Knight and a few by his partnership boar, Belle's Echo. On looking over our list of notes we find that there will be eleven head sired by Belle's Echo, five by Homestead Gold Dust and two by Red Knight. Nos. 26, 27 and 28 are choice ones sired by Belle's Echo and out of Red Knight dams. No. 29 is sired by Homestead Gold Dust and out of Lady Maublieke, sired by B. Maublieke. This fellow represents a good line of breeding—only fourteen in the litter. Nos. 32 and 33 are out of a litter sister to Red Knight. Mr. Mickey will also offer a very good sow sired by Surprise and out of Red Roso. She is safe in pig to Belle's Echo and will farrow by sale time. The two gentlemen interested in this sale are reliable, and you can expect square dealings from them. If you are unable to attend the sale send a bid in our

care to Mr. G. W. Segrist or Auct. T. C. Callahan. Watch for our next issue and be sure and read the held notes. Look up display advertisement on page 38.

BAXTER'S DUROCS.

Mr. Ed A. Baxter, the well-known Duroc breeder, of Pawnee, Ill., will exhibit Buddy K. IV., sweepstakes boar last year at the Illinois State Fair, again this year at the same fair. Those who have seen this boar of late are unanimous in referring to him as one of the grandest boars the breed has ever produced. Many of his get are included in Mr. Baxter's forthcoming sale, catalogs of which are out and will be mailed to any one writing him. Several head of boars consigned to the sale may be seen at the Illinois State Fair next week. They are not for sale at this time, being held for public sale, but breeders desiring a herd boar may leave bids with Mr. D. M. Pierce, representing The Homestead, who will handle them with proper care. If you are not on Mr. Baxter's mailing list write him at once, kindly mentioning The Homestead, as per advertisement on page 27.

JAMES' BIG POLANDS.

On October 11th at Braddyville, Iowa, Mr. J. O. James, one of the most wide-awake and enthusiastic young breeders in southern Iowa, will make a public sale of fifty head from his herd of big Poland Chinas. This offering will be mostly the get of his noted boar, Pawnee Lad, one of the largest and best hogs in the state, and Big Prospect. There will be fifty head in the sale, half of which will be fall and spring boars. Both of his herd boars, Pawnee Lad and Big Prospect, were bred by Mr. John Blain, and they have been great factors in making the James herd one of the most practical and successful herds of pig Polands in Iowa. He has reserved everything for this sale and only the tops go in. Lady Grant, a daughter of old Giantess, will have five March gilts in the sale, and these are good enough for any breeder to put in his herd. Anna Price 2d, one of his greatest brood sows, will have a March boar and a gilt in the sale that are good to look at, and Choice of 1904, a good Pawnee Lad sow, will have a nice April litter by Big Prospect. May Price 2d has a spring litter in the sale and she will also be sold with litter at foot by Pawnee Lad. A daughter of Nemo L's Dude will also be sold, and she will have a litter of pigs by Pawnee Lad. He sells a good bunch of fall boars in this sale, and some of these are sired by old Pawnee Lad. His spring boars are big, with splendid length, good backs, and lots of bone. Those who want the type of hog that Mr. James breeds will not be disappointed in his offering. He is breeding the practical, money-making Poland China, and his offering this year is about the best that has come from his herd. Write for his catalog and mention The Homestead.

COTTINGHAM'S SHORT-HORN AND POLAND CHINA SALE.

On Tuesday, October 9th, Mr. Ira Cottingham, of Eden, Ill., will hold his annual public sale of Short-horn cattle and Poland China hogs. From his herd twenty-two head of Short-horns have been consigned, including ten pure Scotch females, cows and heifers of such noted families as Imp. Nonpareil (of the Wimple family), Victoria, Secret and Duchess of Gloster. Mr. W. A. Christy, of Canton, Ill., sends forward nine head, four of which are pure Scotch and the others by imported bulls. Mr. J. C. Gutshall, of Elmwood, Ill., sells a choice imported bull four years old. Mr. Cottingham has long been identified with Short-horn interests. He has always used good Scotch bulls and his females have been of the best families. At the head of his herd stands the Scotch bull, Proud Star 2d 202864. He was got by Imp. Star of the North, a sweepstakes bull at the International and a sire of many excellent cattle. Several of the cows and heifers in the sale are in calf to the service of Proud Star 2d. Mr. Cottingham's former herd bull was Champion Archer, he by Imp. Fearless Archer. Many of the heifers in the sale are sired by this bull. The get of Champion Archer bred to Proud Star 2d should produce something extra good and breeders should not overlook this opportunity to make valuable additions to their herds. We wish to call the attention of our readers to a few of the good females included in the offering. Imp. Glad Tidings is a five-year-old cow by Prince of Beauty and her dam was Glad Welcome 3d by the Secret Bull, Sovereign (G1841). Individually Glad Tidings will suit the most discriminating buyers. A wonderfully smooth individual with neat head and horn, good top and bottom lines, she has the quality which the best breeders demand. She has been a very good producer. Since a two-year-old she has dropped a heifer calf about every eleven months. One of her heifer calves sells in this sale, and she is well along in calf to the service of Darnley's Best, a pure Scotch bull of exceptional merit. An excellent young Scotch cow is found in Nonpareil A. She was got by Imp. British Prince, an excellent bull which was used by such good breeders as Messrs. John Isaacs, C. L. Gerlaugh and A. Alexander. Nonpareil A. is well along in calf to service of Darnley's Best. She should be looked after by discriminating buyers. Victoria Pride 3d is a roan heifer of exceptional merit. She was got by Lord Darnley and will be two years old in December. She was recently bred to Proud Star 2d. Mr. Cottingham has always put into his sales good, useful cattle that have been money makers for those who purchased from him. The offering this year is made up of such cattle and breeders and farmers should not overlook this opportunity to secure good, useful cattle of rich breeding and individually in keeping with their breeding. The Poland China consignment is a most excellent one. Forty head have been selected for this sale, consisting of fall gilts, spring gilts and boars. The writer recently inspected the offering and is pleased to recommend it to readers of The Homestead. The type selected and bred by Mr. Cottingham has proved the best money makers for breeders and farmers. Large, smooth, growthy, with plenty of bone and standing on the best of feet, they will suit the most particular buyers. The fall gilts are an unusually good lot. They are sired by Harcourt 94563, he by Faultless Perfection Jr. A few of these gilts have been bred for fall litters, but several are sold open. The spring pigs are mostly by Long

Sunshine 106223, a boar of Mr. Peter Mouw's breeding. Several of the boars are fit to head good herds. The sale will be held in the new pavilion recently erected by Mr. Cottingham on his farm, with ample accommodations for all. Catalogs are now ready and will be sent to all who write as per the advertisement on page 31 of this issue. Bids sent to Mr. D. M. Pierce representing The Homestead in care of Mr. Cottingham will be properly handled. Look up the advertisement and write for catalog at once, kindly mentioning The Homestead.

MANLEY'S SALE DECLARED OFF.

The sale of Messrs. Manley & Co., at Lyons, Neb., on September 18th, was declared off because of the conditions of the weather. The M. & O. railroad was washed out for several miles at Pender, Neb., owing to a cloud burst, and trains did not run for several days. It was a continual down-pour for four days, and under these conditions it was impossible for the most of the buyers to reach their place. Notwithstanding these conditions quite a few were present, some from a distance. Mr. J. Coy Roach, of Girard, Ill., reached the farm by driving from Onawa, Iowa. Mr. Roach is the man that owns the \$1,000 sow, Helen Blazes III, and he came all the way from Illinois to the Manley sale. Before leaving, however, he purchased an Orion boar and two bred sows. These go to his well-known Oak View herd and are something exceptionally good. These were selected from this herd and not from their catalog. Mr. John Tighe, of Stanton, Neb., bought their best young John fall boar at a long price to head his herd. He was one of the best boars they raised this year. They now offer at private sale their entire offering that was cataloged for sale, except the boar sold to Mr. Tighe. Among these are ten sows, bred to Junior Jim, their Iowa State Fair winner, and also to Proud Advance. They also offer eight fall boars by old Orion and a number of fall boars sired by Young John and Belle's King. The boys are offering some hargains in these boars and bred sows. A sow bred to Junior Jim or Proud Advance will not be a bad proposition for many of the best breeders to get for a future drawing card. Write them about these at once and mention The Homestead.

H. L. MCKELVIE WILL SELL A STRONG LOT OF HOGS.

One of the coming attractions among the Poland China sales will be the strong offering put forth by Mr. H. L. McKelvie, of Fairfield, Neb. The McKelvie herd needs no introduction, as these gentlemen have always been classed among the top. Mr. McKelvie will sell as strong a lot of boars and gilts as will go through any sale ring this season. He has made some good purchases of late and the class of Polands now on the farm are hard to beat. Some of the main attractions will be in the boar class. He has about seven boars, fall and spring yearlings, that certainly look good. The young fall boar sired by Nemo L's Dude is one that should be watched. He is very much the likeness of his sire and is as strong on his feet and legs as you will find. The old tried boar, Kodak, will be included in the sale as well as two choice sons of last spring yearlings. Kodak has proved one of the strong breeders and his get show him up to good advantage. One son in particular should be looked after by all means. He is a show hog and we would only fault him in his front feet, which could be remedied by the trimming process. The spring gilts and boars are good and that is all that is necessary to say. Mr. McKelvie has the type of Polands that will please the Iowa breeders and you can rest assured that you will get the very best to be found when buying of him. Watch our sale announcement later. We would ask you to get his catalog now and post yourself on the offering before sale day. The sale will be held at his farm near Fairfield, Neb., on October 26th. You can attend this sale and then make direct connections for the Messrs. McNutt & Meece sale at Grand Island, Neb. Both sales will be of top notchers.

LAST CALL FOR THE TIGHE-WALLACE DUROC JERSEY SALE.

The first sale of Duroc Jerseys to be held at the new sale pavilion at Wisner, Neb., will be that of Mr. John Tighe, of Stanton, Neb., and Mr. Clarence Wallace, of Wisner, Neb. These two breeders selected from their herds the best they have and are putting them into this sale. Mr. Wallace puts in nine good fall boars, vigorous, stretchy, good-boned fellows, and nearly every one with a good, arched back. These are all sired by Col. Van Patton, a son of the old sweepstakes boar, Van's Perfection, and the present herd boar of Mr. Wallace. These are out of sows that in many cases are granddaughters of old Jumbo Red, considered one of the best brood sow boars ever used in Nebraska. Mr. Wallace also sells fifteen head of spring boars sired by Billy K. 2d. Colonel Van Patton and Hamilton's Improver, the latter boar being a son of Improver II., and a half brother to the first-prize pig at the Nebraska State Fair this year. He also puts in a few boars sired by a son of old St. Paul and a son of Red Chief I Am. Mr. Wallace is putting in a very creditable lot of Duroc Jersey boars in this sale, and they will be found good in color, length and with plenty of bone. Mr. Tighe is one of the old reliables in Duroc Jersey circles in this section of Nebraska, and no man stands higher in the estimation of his neighbors and acquaintances than he. Mr. Tighe sells twenty-one head of spring boars, sired by Surprise Chip, a son of old Surprise, and a boar that has sired him some very good pigs. He also has pigs by Belle's Echo Prince, Glendale Critic, and a few by other boars. Two of Belle's Echo Prince boars are out of Mollie Orion, the sow that topped the Mihil's sale last winter. Nos. 14 and 15 are sired by Echo King and out of a Waterloo Prince dam. A couple of good boar pigs are sired by Crimson Tom and are out of a daughter of Belle's Echo. Mr. Tighe will sell Surprise Chip because he has so many of his daughters in the herd. His offering carries the blood of Glendale, Red Knight, Proud Advance and Orion and Mr. Tighe is offering the very best he has raised this year. Those who want Duroc Jersey

I think too much of my name to put it upon poor lamp-chimneys. Evidently other makers feel the same way. Good lamp-chimneys bear my name, and the poor ones go nameless.

Let me send you my Index to chimneys. It is free.

Address, MACBETH, Pittsburgh.

boars will find the Tighe-Wallace sale a good place to buy. See their advertisement on page 34 and write either party for catalog, and please mention The Homestead.

LAST CALL FOR WATSON BROS.' DUROC SALE.

About as nice an offering of Durocs as will go through a sale in southern Iowa this fall will be that of the Messrs. Watson Bros., at Creston, on October 3d. All of their best stuff has been reserved for this sale, and they are offering forty-five head. A representative of The Homestead has seen their offering and we want to say that they are putting into this sale one of the best bunches of spring boars that we have seen this season. There are fifteen spring boars, the very pick of this year's crop of pigs, and about twenty of their best gilts. Some of these gilts will be sired by Proud Advance, and two by the prize-winning boar, Keep On. There will also be a good gilt in the sale by Addy's Choice Goods. There will also be some gilts sired by Harding's Proud Advance. Among the boars will be a good pig by Keep On. Two of the spring boars will be sired by Addy's Choice Goods. The young stuff that they are offering has been well grown out, has ample bone, with plenty of stretch to them, and they are bred along the most up-to-date lines. In fact, this sale carries about as much of the blood of the winners as any of the fall sales because the boys have purchased many of the tops at several of the best sales last spring. The matured sows are mostly sired by old Parnell Banner, a hog that is well and favorably known to southern Iowa Duroc men and also by Matchless Chief. Many of Iowa's best breeders can find good things in the Watson Bros.' sale, and we urge upon them to come out and attend their sale. The boys have been good buyers and they have an offering that merits a good attendance on the part of breeders and farmers who want a good boar or a few choice gilts. Write at once for their catalog and mention The Homestead.

LAST CALL FOR THE SOUTH OMAHA SALE OF DOUBLE STANDARD POLLED DURHAM CATTLE.

With this issue we direct attention for the last time to the very important sale of Double Standard Polled Durham cattle to be sold at South Omaha sale pavilion October 5th. Attention has previously been called to the high character of the cattle to be sold, but we would again remind our readers, lest they forget, that the bringing of these cattle to the very gateway of the middle West offers them an opportunity seldom equaled in the way of selection of good Polled Durham cattle, with the variety of breeding that will be found in this offering. The cattle are contributed by four different firms as follows: Mr. D. L. Pond, of Inman, Neb.; John Renswick, of Boyden, Iowa; Shaver & Dueker, of Kolona and Wellman, Iowa; and M. Rau, of Harlan, Iowa. These cattle are consigned by some of the foremost breeders of the country and are the produce of illustrious sires and dams that stand high on the honor roll of Polled Durhams. Included in this sale are many of superior individual merit as well as of choice breeding sufficient to attract the attention of the discriminating buyer. Those who are in quest of good stock with which to lay the foundation of a new herd of this breed, or those who wish to strengthen the ones they already have, can, no doubt, find something to suit them here. All females of suitable age will be bred to the best herd bulls in the respective herds of the contributors or will have calves at foot. In the announcement of their catalog mention is made of the fact that all known defects will be pointed out on day of sale. All animals are guaranteed breeders. In buying a piece of land every buyer wants a deed and abstract of title. These keen, far-seeing breeders are prepared to furnish with each animal sold, certified copies of registration in both the American Short-horn herd book and the Polled Durham herd book. Terms of the sale are cash, but a credit of six months will be given on approved notes bearing 7 per cent interest. Bids by wire or mail should be sent to Col. F. M. Woods, T. G. Walker or Joe Shaver, who are the auctioneers. A perusal of the catalog will at once show the informed reader or student of Polled Durham pedigree that some splendid Polled Durham blood is being offered. Some of the prominent Polled Durham herd bulls found in the pedigrees are Ottawa Red Duke 2d, Duchess King, Gwynne Duke, Polled Cedar King, Earle of Ottawa, Polled Chief, Waterloo Duke, Montrose, Tippecanoe 6th, Hillsdale Commander, Romeo Ottawa Gauntlet, Cambridge Cup Bearer, Duke of Wellman, Young Athlestone, Young Hamilton, Rattler, Bryan, Young Hero, all of which are Double Standard bulls. Thus, it will be seen that the offering is composed of cattle that are choicely bred in Double Standard Polled Durham lines. No breeder need hesitate to attend this sale and purchase cattle, as the offering is such as should command the attention of every lover of this growing popular breed of hornless cattle. The date should not be lost sight of. Application for catalogs should be made to

Mr. L. G. Shaver, manager, at Kolona, Iowa. The catalogs are now out and ready for distribution. Every one of our readers can have one for the asking by mentioning The Homestead when writing. See the advertisement on page 39.

GREER'S DUROCS.

One of the best lots of Durocs which the writer, representing this paper has ever inspected, is the consignment from the well-known Oak Grove herd, the property of Messrs. W. W. Greer & Son, of Rushville, Ill. Size, quality, uniformity of type and color place this offering among the best that was ever put up for public appraisal. Visitors to the Illinois State Fair next week will have the pleasure of inspecting several head which will be included in the offering to be sold at Bushnell, Monday, October 22d. On account of the superior railroad facilities Mr. Greer decided to hold his sale at Bushnell. Trains from all directions leave after the sale, and breeders who wish to go to Mr. Laurie's sale the next day can easily do so. Messrs. Greer's offering consists of twenty-five head of fall sows, ten head of fall hogs, a few sows that have raised one litter of pigs, and some ten or twelve head of spring pigs, both male and female. The writer wishes to call attention to a litter of October 7th pigs by Tip Top Notcher and out of Daisy Improver. There are four of each sex in this litter and great attention has been directed to them by competent judges, who have pronounced this litter the best the breed has produced. With a possible exception of one boar, the entire litter has been reserved for the sale. Breeders in attendance at the Illinois State Fair who wish to secure one of this litter, and who cannot be present at the sale, may leave bids with Mr. D. M. Pierce, representing this paper, who will properly handle such bids. Messrs. Greer's consignment throughout is one of exceptional merit and is in keeping with the herd maintained by them. Plan to be present sale day, and if not on his mailing list write for a catalog at once as per the announcement on page 36 of this issue. Kindly mention The Homestead when writing.

FULTON'S BIG-BONED POLANDS.

At Villisca, Iowa, on October 10th, W. D. Fulton will again sell a draft of fifty head from his herd, and this event is always looked forward to by breeders and farmers who want a big hog. He is selling fifty head—twenty-five spring boars, fifteen spring gilts—the rest fall sows and matured brood sows with litters at side. No breeder of Poland in this state has been more steadfast in their belief in a big, lengthy, large-boned hog, than has Mr. W. D. Fulton, and no breeder has been more successful in convincing the farmers and breeders that he has just what they want. A large sprinkling of his offering are sired by his big yearling boar, Miller Boy 38515, a boar purchased of John Miller. He will now weigh around 600 pounds and has a nine-inch hump, and he is the sire of some of the growtiest stuff in the sale. He puts in one litter that is sired by Long Wonder, the Peter Mouw boar. Three of the spring litter are sired by Big Klever, a boar purchased from Ed. Klever, and used with much success in the herd. Big Klever is a complete outcross from both the Tecumseh and Perfection strains of Poland China and many of our readers can use his stuff. He also sells four litters by Model Chief, a grandson of Chief Perfection 2d. The three sows and one boar by Long Wonder, referred to above, are out of a sow called Fulton's Surprise, by Surprise Chief by Chief Price, and those who are familiar with the larger strains of Poland will recognize in this breeding a line of blood that has done wonders in bringing the Poland Chinas into popular favor with the farmers of the West. Mr. Fulton is putting in some good sows with litter by Miller Boy, and his entire offering will speak for themselves on sale day. In southern Iowa Fulton's "big fellows" have won a reputation and there is always a strong demand for his breeding. He is offering a good bunch of boars and sows in this sale, and those who want his type of hog will not be disappointed if they go to the sale. Write him for catalog and mention The Iowa Homestead.

SOMETHING ABOUT WYOMING LANDS.

One of our representatives recently called upon Mr. Carper, secretary of the Federal Land & Securities Co., of Des Moines, Iowa, and in making some inquiries about their land Mr. Carper said: "We receive many letters asking us if the rainfall on the golden prairie of Wyoming is sufficient to produce crops. These inquiries show that the lack of information on the subject is general, owing to the stories of stock men and others who are interested in retarding the settlement of the western country. Statistics are always dry reading, but in this connection here are some comparative figures that should hold the attention. In the annual report of 1902 of the weather bureau of the United States Department of Agriculture, the average annual precipitation for Polk county, Iowa, as recorded at Des Moines for a period of twenty-five years ending in 1902 was 32.52. The lowest annual rainfall was 19.77 inches in 1901. The average rainfall at Des Moines during growing season from May 1st to September 1st for thirteen years ending with 1902 was 15.69 inches, with lowest of 6.2 inches for these four months of 1901. It may be a surprise to many that although 1901 shows only 6.2 inches rainfall for the four growing months, the average yield of corn in Polk county was only six bushels per acre less than the average for the entire thirteen years of the report, while wheat and hay made an average crop, and oats fell but two bushels per acre below the average. These facts can be verified by reference to page 102 of the government agricultural report mentioned. Now, for comparison. It should be remembered that the golden prairie of Wyoming is essentially a small grain country, and for comparison we take the months of April, May, June and July for the seven years in which the government weather bureau station has been established at Pine Bluffs. We find that the average rainfall for these months at that point has been 8.76 inches or over 2.5 inches more than for the four growing months of 1901 at Des Moines, Iowa, when there was an average crop of wheat and hay, and almost an average crop of corn and oats. Only once during these seven years has the average at Pine Bluffs for the growing season fallen below six inches, and that year the precipitation of 4.66 inches came mostly

in May, June and July with a resulting fair crop of small grains. The rainfall at Des Moines for the growing months of 1894 was 5.26 inches. Nature that so wisely sends autumn rains to us here in Iowa to refresh and bring forth the fall pasturage, as wisely withholds such rains in the golden prairie district of Wyoming, preventing damage and waste to the harvested grains and permitting the grasses to mature and cure for winter grazing. Thrashing is now in progress on the improved farms on the golden prairie, and the farmers report yields of wheat ranging from twenty-two to thirty-five bushels, and oats from forty to fifty-two bushels, with some of the best fields yet to hear from. The soil on the golden prairie is very rich with a retentive yellow clay subsoil and the crops raised there bear us out in our statement that the rainfall is ample to produce all grain crops." Read the advertisement on page 21 and write the company for full information.

WOODLAND DISPERSION.

A Short-horn sale which should attract the attention of breeders throughout the entire corn belt is that of Mr. W. I. Wood, of Williamsport, Ohio, proprietor of the Woodland herd. In order to settle the partnership existing between Mr. Wood and his sister, this noted herd will be dispersed on Thursday, October 18th, at Williamsport C. H., Ohio. At the head of this herd stands Imp. First-in-the-Ring. As a sire of breeding and show cattle he has few equals. In 1902 three of his sons, Master-of-the-Ring, Choice-of-the-Ring and Lord-of-the-Ring sold for more money than any three bulls the get of one sire in America. Not only has he been a good bull breeder, but his heifers are equally as good. It is only in dispersion sales that breeders are permitted to bid on such hulls as Imp. First-in-the-Ring. Cows that under any other circumstances would not be priced or parted with go into this sale. Choice-of-the-Ring is also included in the offering. His get have had ready sale and have come up to the expectations of the most discriminating buyers. Woodland Coronet is another of the hulls used by Mr. Wood and in placing him in this sale an opportunity is given to breeders to secure an excellent bull at their own figures. There will be a car load of younger hulls of rich breeding and individual merit entitling them to places in good herds. The female portion of the herd is equally as good as the bull consignment; choicely-bred imported and home-bred Scotch of Cruickshank and other leading families, Bates of the best and most popular families, and Scotch-topped cattle that will suit buyers of this class. In fact many of these cattle carry more Scotch blood than those designated as pure Scotch. Many of the cows have calves at foot by one of the bulls named above, while others will be well along in calf. The heifers are a strong lot. To the breeder who is in search of some extra good heifers this dispersion offers an opportunity seldom given. High prices are not looked for. A dispersion sale of this character includes everything, both old and young, and it is in sales of this character that many bargains are to be obtained. Mr. Wood is recognized as one of America's most prominent Short-horn breeders and the cattle which he is selling at this time include many of the sort which enabled Mr. Wood to produce such noted animals as have gone forth from Woodland herd. Catalogs containing numerous photographs of individuals offered for sale are now ready and will be mailed to all those who write, mentioning this paper. Further particulars concerning this offering will appear in our next issue. Write for catalog at once and plan to be present at Washington C. H., Ohio, on Thursday, October 18th. See advertisement on page 37.

LAST CALL FOR ED COSGRIF'S SALE OF SHORT-HORNS.

Attention, all! If you are interested in Short-horn cattle of the business sort it will pay you to write today to Mr. Ed Cosgriff, of Clarence, Cedar county, Iowa, for his sale catalog of Short-horn cattle to be sold at his farm two miles south of Clarence, October 2d. In the sale will be listed forty head of very practical, useful Short-horn cattle, divided as follows: Thirty head of fine, large, strong cows and heifers, including ten exceptionally good yearling heifers by Victor Fashion and nine or ten strong, thick, stocky young hulls. Mr. Cosgriff is selling a heavy draft from his herd because of the fact that his son is going away to school this winter and he finds himself with greater cares on his hands than he feels able to undertake, and for that reason a number of Short-horns will be listed in this sale that would otherwise be priceless. Mr. Cosgriff's herd is built up entirely on common-sense, practical lines. He makes no pretention to having a Scotch herd, all in the sale being Scotch-topped. But for years he has possessed that wisdom and foresight which prompted him to buy the best \$500 Scotch bulls that he could find with which to head his herd. We have previously made mention of the two Scotch bulls now heading the herd, Victor Fashion and Scottish Spartan. Few herds of Short-horns have been so fortunate as to be so well and strongly headed as has the Cosgriff herd. From time to time the writer, in visiting this herd, has been impressed with the striking family characteristics of the entire herd and particularly so of the young bulls that have been for sale each year the get of Victor Fashion. Every one of this bull's calves are possessed of the same thick-fleshed qualities and smoothness of their illustrious sire. Mr. Cosgriff has always had good demand at good prices for all the bulls that he could produce. This offering is in the pink of condition, as viewed from the standpoint of future usefulness as a breeding herd. The major portion of their flesh, however, is natural flesh made on the grass. While Mr. Cosgriff is a liberal feeder in a sense he is not a heavy grain feeder to the detriment of the animals. As has been before stated, it is certainly worth something to buy cattle of a man whose word and integrity are above reproach, one in whom absolute confidence may rest in every word and statement made by him. Such a man is Mr. Cosgriff. The Homestead recommends its readers to keep this sale in mind as it certainly affords a golden opportunity to secure some splendid, practical, useful Short-horns, at prices that are not expected to be at all high or out of line in comparison with the quality of the stock. Past

sales held by Mr. Cosgriff have furnished bargains to the buyer seldom equaled, the stock selling rather low, considering its individual worth and condition. A goodly number of these cows have strong, husky calves at foot and are again reared, while others are well forward in calf, except the heifers, which have been more recently bred. The buyer will be fully protected by the most liberal guarantee with which these cattle are clothed. Besides this, Mr. Cosgriff's guarantee is just as good as a government bond. His catalog is now ready to be placed in the hands of every Homestead reader who will apply for the same. On October 4th Mr. J. B. Brown, of Solon, Iowa, sells fifty head of Short-horns and October 5th Mr. George H. Burge sells a like number at Mt. Vernon, Iowa. Arrangements have been made whereby parties from a distance may attend all of these sales without the least inconvenience. See advertisement on page 29.

CULTER & PROCTOR STOVES.

One of the oldest and largest firms engaged in the manufacture of high-grade steel ranges and cooks, cast ranges and cooks and heaters is the Culter & Proctor Stove Company, of Peoria, Ill. For more than forty years this firm have been making stoves in Peoria, commencing in a small way and enlarging their capacity from time to time until an entire block is covered with five-story buildings. An inspection of this complete plant would convince anyone that every care was taken and no expense spared in their efforts to produce the very best only. The very latest improvements in machinery are installed, only skilled labor employed and only the best of materials of all kinds used. The closest attention is paid to every detail and all goods closely inspected. They pride themselves on the durability of their goods, the mounting, fitting, nickeling and general, handsome, attractive appearance. They endeavor to keep their line right up to date in every respect and are constantly putting new goods on the market, all of which are thoroughly tested before marketed, so if you want the best, look for the name, Culter & Proctor Stove Company, which will be found on each and every stove. The company enjoy a large trade on their steel ranges, of which the Peoria Lexington is their leader and special pride, a range that stands alone as the acme of perfection in family ranges. Everything of the best is used in the construction of these ranges. The outside body is made of the very best obtainable heavy anti-rust planished steel that will retain its luster; has double walls of heavy steel lined with heavy asbestos mill board; hand riveted every two inches with steeple head rivets. The oven door hinge is put on with square head machine bolts through cast plate on inside making it perfectly tight and rigid; cannot work loose. The catch for oven door and cast top of range are fastened on in the same way. All parts coming in contact with fire or intense heat are protected with cast iron plates with asbestos mill board between cast plates and steel. Top oven plate is covered with asbestos protected with cast iron frame; has perfect operating side damper (original with this company) and found only in their Peoria Lexington, Sterling Lexington and Wabash steel

ranges and Peoria Lexington cast ranges. Has large fire box lined with heavy sectional linings; duplex grate which can be reversed for wood; grate is easily removed and replaced without disturbing the fire box linings or water front. Has deep ash pit, so ashes cannot bank up and cause grates to burn out. Large, balled ash pan and ash chute to guide all ashes into pan. Cast iron back flue or smoke box. Has patented non-breakable drop oven door, perfectly balanced. Will remain open at any angle and when dropped to horizontal position is a perfect and substantial oven shelf. Has double flue bottom which holds heat in oven and insures quick, even baking. Has thermometer in oven door. Has handsome substantial cast base; nickel ornamentation very elaborate, elegant and attractive. Their Sterling Lexington, Wabash and Active Mascot steel ranges are made of same high-grade material and with same care as the famous Peoria Lexington and will be found to equal the best steel ranges made by other manufacturers. The Regal Peoria hard coal base burner is a new design and strictly high-grade modern stove, having all the latest improvements of practical value in a base burner. Very economical and a powerful base heater by reason of their perfect fine construction which throws heat over entire base, utilizing all heat. The hot air circulating flue draws cold air from the floor and in its passage through the heated base, up and through back flue to hot air exit the air becomes thoroughly heated. By attaching pipe to collar over hot air exit this heat can be carried to upper room, or by reversing the damper this heat can be thrown out into room occupied by the stove. The Regal Peoria has improved duplex grate and patented hall bearing shaking ring, very easy to operate and removes the necessity of using a poker, as the shaking ring thoroughly cleans out all ashes from outer edge of fire pot. A very handsome stove. The Peoria gas burner is something entirely new, being a magazine stove for soft coal, hard coal, coke, lignite or slack. The only stove ever made that will, with entire satisfaction, burn soft coal and slack in a magazine and will automatically feed soft coal and slack as readily as hard coal. Positively will not burn up or cake in the magazine. Has down draft smoke and gas consumer that does the work perfectly and at same time keeps coal in magazine cool and this is the secret of its success. It is very economical in the consumption of fuel, cuts your fuel bill in half. A wonderful fire keeper. The handsome nickel trimmings and illuminated mica front door make the Peoria gas burner a very cheerful and attractive stove. Ask your dealers for Messrs. Culter & Proctor Stove Company's goods, or write direct to the company and they will give you full information about any style or styles and tell you where you can buy them. A cordial invitation is extended to all to examine their goods at the Illinois State Fair, September 28th to October 5th.

ERSCHEN'S DUROC SALE.

Mr. Frank M. Erschen, of Odell, Ill., has selected October 11th as the date on which he will offer to readers of The Homestead forty head of richly-bred Durocs at public auction. Mr. Erschen has been a liberal

2d ANNUAL SALE

OF

Pure Bred Hereford Cattle and Duroc Jersey Hogs.

N. J. HILTABRAND and LEWIS BROS.

will sell at Public Auction at the

Princeton Fair Grounds, Princeton, Ill.

We are offering a well bred and a thoroughly useful lot of cattle in this sale. With the exception of a few young heifers, all females will have calves at foot or be bred. An excellent lot of bulls representing the get of some of the best sires known to the breed.

50 Head Pure Bred

Hereford Cattle

Mon., Oct. 8, 1906

50 Head of

Duroc Jersey Hogs

Tues., Oct. 9, 1906

30 spring boars --- 10 spring gilts --- 10 fall gilts
representing the best strains of the breed. Those who want a herd boar will find them in this sale.

Sale to commence at 1 o'clock each day. Sale held under cover, rain, or shine. For catalogs address

N. J. Hiltabrand,
Lonsant, Ill.

Lewis Bros.,
Geneseo, Ill.

Cols. Edmonson, Plumley, McCall and others, Auctioneers.

SEND BIDS TO D. M. PIERCE, REPRESENTING THE HOMESTEAD.

buyer from the best herds and the lot which he has selected for this fall sale represents the tops of the season's crop of pigs. Twenty-six head of spring boars from his own herd, three head from the herd of Mr. C. P. Morris, of Dwight, Ill.; five head from the herd of Mr. W. J. Taylor, of Dwight, Ill., and two head from the herd of Mr. John Schrotborger, of Gardner, Ill., make up the boar portion of the offering. The balance are spring gilts from Mr. Erschen's herd. Several are sired by Comet 25965, he by the International winner, Gold Finch, and out of Daisy Paul by Oom Paul. A number are by Frank's Choice, he by Stoner's Improver and out of Daisy Muller, an International winner, and will please breeders or farmers looking for herd boars. A litter by Tip Top Notcher, the grand champion boar at the World's Fair; another by Buddy K. IV., the first-prize and sweepstakes boar at the Illinois State Fair 1905, and one by Roland, should prove attractive to breeders. The yearling boar, Long Duke, a son of the noted show and breeding boar, Longfellow, and out of Bright Star III, the dam of the prize-winning boar, Hanley, will suit some breeder in search of a good herd boar. Mr. Erschen recently purchased Hanley II, at the J. D. Nidlinger sale, and other good boars at the head of his herd place it among the best in the West. Catalogs will be sent to all who write mentioning The Homestead. Plan to attend this sale if in search of a herd boar. Further particulars concerning this herd will appear in our next issue. Bids sent to Mr. D. M. Pierce, representing The Homestead, in care of Mr. Erschen will be properly handled. The announcement appears on this page.

THE LAST CALL FOR JOHN WEIGHTON'S DUROC JERSEY SALE.

October 2d promises to be a lively day at Audubon, Iowa, when Mr. John Weighton sells his fifty head of high-class Duroc Jerseys. No sale held this fall will have more blood of the winners than the Weighton sale. The catalog, which should be in the hands of every Duroc Jersey breeder, makes rich reading for those who take pride in the best that the breed affords. The offering is largely sired by Proud Advancer, a son of Proud Advance, and out of an Audubon sow; Oran, a son of old Orion, and Audubon, a grandson of Sensation, and their main-herd boar for the past two years. The spring boars are mostly sired by Proud Advancer, the sire of his first-prize gilt and second-prize litter at the Iowa State Fair this year. A number of the spring boars are sired by Oran, a son of Orion. One of the best boar pigs in the sale is sired by Proud Advance and out of S. E.'s Model, the \$1,000 sow. Here is a pig that is bred along the most up-to-date lines, and he is going to be sought after by some enterprising breeder on sale day. It is now a question as to who will own him, as several of the best breeders have their eye on him. There are several other herd-heading pigs among the boars, and these must be seen to be appreciated. He is going to sell his herd boar, Audubon, one of the best arch-backed boars in the state. He has been used with much success in the Weighton herd and Mr. Weighton now sells him because he has so much of his breeding. There will be eight sows with litters in the sale; seven open gilts, eleven yearling boars and twenty-three spring boars. Mr. Weighton is selling a good daughter of Orion with litter of pigs, a couple by Peerless Oriou, one by Oran, a son of Orion, and one by Audubon. Few sales this fall can boast of such an array of blood lines as will be found in the Weighton sale. There are some very excellent boars in this sale, and Mr. Weighton says for all the boys to come and see one of the best herds and one of the most up-to-date hog farms in Iowa. Write for catalog and mention The Homestead.

THE WILLIAMS SHORT-HORN SALE.
On Monday, October 8th, at Oakland, Iowa, in the new sale pavilion, Mr. R. E. Williams will sell a draft of forty head of Short-horn cattle. He has selected these from among his herd and has concluded to dispose of them through the public sale ring. There will be eight good yearling bulls in the offering, nine yearling heifers and eight two-year-old heifers. The rest will be cows, every one of which will have calf at foot excepting four, and they will be bred and safe in calf to Grand Champion, a Duchess of Gloster bull, used at the head of his herd. The largest part of the offering belong to the Rose of Sharon, Young Mary and Lady Elizabeth families, together with a nice sprinkling of Arabellas, White Roses and Cowslip tribes. The cattle will be offered in good breeding condition and nineteen head will have calves at foot by Grand Champion. This bull was bred by Messrs. T. J. Ryan & Son and is a son of the 62d Duchess of Gloster, a daughter of King James, and was one of the very best Scotch cows that was ever in the Ryan herd. Quite a percentage of the cattle that go into this sale will be sired by Prince Airdrie, a bull that was formerly used in the herd. Some of the cattle that are to be sold are pure Bates, while others have a number of Scotch tops on them. The bulls are a good, vigorous bunch, are all red in color and are ready to do active service. Mr. Williams has too many cattle on the farm and he therefore takes this way of disposing of his surplus. He makes no claim of offering straight Scotch cattle, but he is offering a bunch of cattle that have always made him money, and they in turn will do the same for those who buy them and take care of them. In this sale will be a nice bunch of yearling and two-year-old heifers that are going to develop into good cows and these will be a good proposition for someone to buy who wants to improve the stock now on his farm. The sale will take place in the new sale pavilion, and there will be no postponement rain or shine. Mr. Williams has issued a nice catalog in which he invites all those who are interested in good cattle to attend the sale. Kindly write for it and mention The Homestead.

GALLOWAY SALE AT AMERICAN ROYAL.
There will probably be no more important event this season in Galloway circles than the sale at Kansas City during the American Royal Show Thursday, October 11th. One has only to glance at the names of the consignors to this sale to be convinced of the quality of the offering. Messrs. A. M. Thompson, W. M. Brown & Son, J. E. Bales & Son, Claude Attebery, Michigan Premium Stock Company, O. E. Matson, C. E.

Clark, F. P. Wild, S. M. Croft & Sons, W. C. Woods, F. E. Moore & Sons, Robert Dey and Brookside Farm Company will each contribute animals from their successful show and breeding herds. The bull offering contains a choice lot of individuals. Several have been noted prize winners at the leading shows and some have held prominent position in the best herds, while the young bulls are the get of noted champions and first-prize winners. Mr. A. M. Thompson has consigned Caleb Miller 15863, a richly-bred Brookside bull, which has been a splendid breeder in his herd. He has also included a couple of choice young bulls by the noted Wavertree bull, Dragon of Wavertree, which are fit to head any herd. Mr. S. M. Croft has put in his imported bull, Randolph 2d of Thornhill 19302. This bull is just at his best and is fit to be placed at the head of the best herd in the country. His merits as a breeder can be readily ascertained by a review of the Croft herd at the show. The Brookside Farm Company has consigned its noted show bull, Scottish Chief 3d of Castlemilk 21227. Messrs. Brown & Son are offering two of Chief 2d of Stepford's sons, which are good enough to satisfy the most fastidious. The Bales and Clark herds will be represented by sons of their famous champion bulls, Macdougall 4th of Tarbrooch and Worthy 3d. The Michigan Premium Stock Company has contributed its herd bulls, Watchman and Repeater. The latter is a young bull which was bred at Brookside and is the only son of Scottish Standard 15221 in the sale. Mr. Attebery's offering includes a few choice individuals which are richly-bred and possess the right substance and quality for range purposes. Messrs. Moore & Dey have also contributed very useful bulls that are good enough to head any herd. Never before has the association included so many richly-bred herd headers that have proved successful sires. The matured show bulls are just in the prime of their usefulness and the young bulls are a promising lot which contains several animals that will make noted show bulls. Altogether the offering contains bulls of the most fashionable families of Great Britain and America. There are bulls that have been first-prize winners and champions, some that will be prize winners at the Royal and still others that will undoubtedly produce animals that will be prize winners at the great shows of the future. Those desiring to obtain a herd bull or bulls for heavy service on the range that are teeming with the best blood of the breed should by all means arrange to attend the American Royal Galloway sale and secure their wants from this excellent offering at public prices. For further information and catalogs address Mr. Charles Gray, 17 Exchange Ave., Chicago, Ill.

STEWART HEREFORD SALE.
On October 3d at Steward, Ill., occurs the annual Hereford sale made up of cattle from the herds of Messrs. W. E. Hemenway & Son, J. M. Grimes, Morris Cook, C. C. Rowley and C. A. Watson, all of Steward, Ill. This offering is an unusually good one. Messrs. Hemenway send forward twelve females and three bulls. Mr. Cook lists eleven yearling heifers and four bulls. Mr. Grimes has selected thirteen females and two bulls for his consignment to the sale. The balance of the offering is made up of the tops of several good herds in the vicinity of Steward. We wish to call attention to the excellence of this offering in point of breeding and individual excellence. At the head of the herds of Messrs. Hemenway & Son and Morris Cook stands Masquerader, one of the best bulls in this country, a winner at the International. Individually and as a breeder of excellent cattle he has no superior. The heifers which go into this sale over thirty in number sired by Masquerader are one of the best lots which the writer representing this paper has ever had the pleasure of inspecting. Masquerader stamps his get as do few bulls. He is a prepotent sire and transmits his good qualities to his get. Mr. Cook also includes Alto Beau 29th, a son of Masquerader, just turned twenty months old. Of the fifteen head which Mr. Cook consigns all are yearlings, large, growthy, well-marked and worthy a place in the best herds. With the exception of two head his entire consignment is by Masquerader. Mr. Grimes sends forward a very uniform lot. Particular attention is directed to the yearling heifers in his consignment got by Astor. They are one of the best lots to go into a sale this year. Seldom indeed is an opportunity presented to breeders and farmers wherein so many good cattle are offered at auction. The six cows which Mr. Grimes consigns have heifer calves at foot. Messrs. Hemenway's offering, like the others mentioned above, is a particularly strong one. Ten of the heifers are by Masquerader, two of them being in calf to Right Lad, a bull recently sold to head the herd of Mr. William George, of Amora, Ill. His grandsire was Kansas Lad, and his dam was a richly-bred matron of exceptional merit. Three of the heifers are in calf to Dispatcher, a son of the noted International winner, Disrupter. Two of the three bulls consigned by Messrs. Hemenway are by Masquerader. The consignments from the other breeders represent the tops of their herds. The quality, breeding and individual merit of the offering is unsurpassed, and breeders should plan to attend this sale if wanting excellent cattle. To the beginner we wish to say that we know of no better place to secure the foundation for a good herd. Look up the announcement on page — of this issue and write at once for catalog, kindly mentioning The Homestead, and plan to be present sale day, Wednesday, October 3d. Steward is seventy-seven miles west of Chicago on the St. Paul division of the C., B. & Q. Ry.; train leaving Rockford at 7:05 will take passengers from Illinois Central at that point, Great Western at Holcomb, Milwaukee at Davis Junction and Northwestern at Rochelle. A later train leaves Rockford at 10 a. m.; this train leaves Rochelle at 11:20. Good connections are made on the return trip at these points. Steward is also reached by the C., M. & St. P. Ry. from McNabb to Rockford. Free conveyance at Steward to and from the farm.

Messrs. Powell & Rudy, of Smithton, Mo., own the great show and breeding boar, Surprise 10817. They are now offering pigs got by this boar and by Joe Folk, a son of Belle's Chief and Bishop's Choice. Write them if wanting hogs that are individually right and bred right.

JOINT SALE HEREFORD CATTLE to be held on THE SUNNY SLOPE STOCK FARM. LAKE VIEW, IA., OCT. 11, 1906.

40---Recorded Herefords. 10 bulls, 30 females---40

All but about ten of the females are of breeding age and will have calves at foot or bred to have calves soon; the rest of the females are too young to breed yet. There will be no old cows offered. In the bull class there will be two aged bulls that have proved their worth as breeders. Their calves will be offered in the ring, showing what they can produce. The rest of the bulls are of serviceable age and good ones. Some of these cattle to be sold were shown at Sioux City this season without any fitting and won premiums in every class shown in. Sale will be held in seated tent, no postponement on account of weather. Place of sale only four blocks from C. & N. W. depot. Parties coming over the Illinois Central will be met at South Wall Lake.

Mr. Green is dispersing his entire herd without reserve. All of the cattle offered are in fine breeding condition, none spoiled by fitting. Send for catalog to Ben Broughton, Lake View, Iowa, or F. J. Green, Early, Iowa.

F. J. GREEN and BEN BROUGHTON, Proprietors.
COLS. CARY M. JONES, E. P. LAYMAN, W. T. THOMPSON, AUCTIONEERS.

ERSCHEN'S FALL DUROC JERSEY SALE. ODELL, ILL., OCTOBER 11, 1906.

THE offering will consist of spring boars and gilts, forty head, mostly sired by Comet 25965, he by the International winner Gold Finch, his dam by the noted breeding and showyard boar Oom Paul; Frank's Choice, he by Stoner's Improver, his dam Daisy Muller, a winner at 1903 International. Attractions: Litter by Tip Top Notcher, grand champion boar World's Fair; Litter by Buddy K IV 1st and sweepstakes boar Illinois State Fair 1905; Long Duke 44229, yearling boar by Longfellow and out of Bright Star II, the dam of Hanley. Quality with breeding predominates the offering. Write for catalog.

F. M. ERSCHEN, Col. Report and Kell, Auctioneers, **ODELL, ILL.**
Send bids to Mr. D. M. Pierce in my care.

TOO LATE TO CLASSIFY.

30 FALL BOARS 40 SPRING BOARS.

Sired by Matchless Perfection and Matchless Perfection Jr., sweepstakes boar Interstate fair '05-'06. He also won 1st at the Minnesota state fair. We won eight 1st prizes, two 2ds and sweepstakes on Matchless Jr. and he got this year. Write us at once for prices on boars and sows. Address,

HENRY BROS., - LE MARS, IOWA.



MATCHLESS PERFECTION.

40 Tops from the Greendell Farm of Durocs. At Auction, October 10th, 1906.

20 BOARS, 20 Gilts, the get of Invincible 15143, Perfection Chief 28367, Crimson Wonder Jr. 41103, Grand Chief 14983, Sensation 7393, and Reliance 12435 and out of dams equally as well bred. They are a growthy lot of March and April pigs, and excel all of my past offerings. Catalogs ready.

F. H. HERRING, Col. F. F. LUTHER, Auctioneer, **IOWA CITY, IOWA.**

Now or Never

No. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Eve lambs at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same Ram for sale, 130 to 175 lbs. weight. Herd Boar 81697, by Chief Peri. 2d 42559, also took 2d at same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, **F. C. THACKABERRY, FAIRVIEW STOCK FARM, TAMPIO, ILL.**

FOR SALE.

1,000 HEAD Sheep, 4 head horses, 4 cows, necessary machinery. Will turn over to buyer a 5-year, 8-cent per acre lease on sheep ranch in South Dakota. Range ample for 5,000 head. This is a money-maker for some one who can give it the necessary attention. Address, **Dr. T. C. Brady, Marshalltown, Iowa.**

MEDDLER PIGS AT YOUR OWN PRICE.

In my second annual Poland China Sale, Thurs. day, Oct. 18, 1906, I will offer 17 spring boars and gilts by Goldenrod Chief 100547, one of Meddler's best sons. Also fall gilts and sows bred to him. Ask for catalog.

S. R. PATTERSON, CENTERVILLE, IA.

CLOVER HERD Durocs. Choice March and April Boar Pigs. Prize winning strains. Blood lines, Improver II, Advance, Tip Top Notcher, Ohio Chief, Sensation, Granger, Orion, etc. Prices low. Strong guarantee. Write, describing what you want or come see. Bred now sale, February 22d, 1907. G. H. Purdy, Mason City, Iowa.

ASA TURNER'S DUROC JERSEYS.

I AM offering fifteen or twenty extra good young boars by King Perfection and Advancer litters. They are out of some of G. A. Munson's prize-winning sows. Address, **ASA TURNER, FARRAR, IOWA.**

SUNNY SLOPE Poland China boars and gilts of March farrow, of the most fashionable breeding, with good length and heavy bone and extra good backs. Sired by Orr's Duke (88967), and Ringmaster 101091. I will also sell my herd boar Orr's Duke 88967. Write to M. A. Easthouse, Hartley, O'Brien county, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

When writing to advertisers please mention this paper.

Reduction Prices On Best Breeding.

350 Durocs, 150 Shropshires, 100 Short-horns and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind.

Pawnee Herd Durocs

I WILL have a number of extra good pigs at the Illinois State Fair next week by Buddy K IV, 1st and sweepstakes boar Illinois State Fair, 1905. Several of these are cataloged for my October 30th sale. An opportunity to see the kind and breed.

ED A. BAXTER, PAWNEE, ILL.

DEAN HERD

Duroc Jersey & Poland China Swine.

We are offering spring pigs, both sexes. Also one yearling Poland China boar, one 1 year and one 2-year-old Duroc Jersey boars, two Collier bitches, one stud dog, Light Brahma chickens and Hereford cattle. Write us or come and see us before you buy. Q. and Wabash R. R.

HANSON BROS., DEAN, IOWA.

WHO IS J. A. RUSSELL?

Why, he's the big red hog man at Corning, Iowa, that owns Tip Top Notcher Jr., and he sells two dandy litters sired by Proud Advance in his sale October 27, 1906. Drop card for catalog.

Closing Out Aberdeen-Angus Sale

AT BEDFORD, IA., FRIDAY, Oct. 12, '06

I AM closing out my entire herd of cattle, among which will be some of the best families known in the Aberdeen-Angus breed. Some good Rathmoy, Drumlin, Lucy and Westertown Roses will be found in the sale. It will be one of the best opportunities of the year to buy Angus cattle. Sale under cover. Catalog sent on application to **G. N. Oxley, Gravity, Ia.**

50

Head of cows and heifers, some with calves at foot and 7 bulls.
SILAS IGO and PIPER BROS., Auctioneers.

More Concerning Lanaghan Bros.' Sale of Short-horns.

Announcement has been previously made of the sale of fifty-five head of Short-horn cattle at the Lakeview farm of Messrs. Lanaghan Bros. one and a half miles west of Goose Lake, and three miles east of Charlotte, Clinton county, Iowa, Thursday, October 11th. The members of this firm are modest in all of their claims, as well as in their general deportment, and have never had as much to say concerning the good qualities of their splendid herd of Short-horns as their cattle are deserving of. Herefore they have disposed of their surplus stock either at private sale or by contributing a liberal supply to other sales in their community. This now is their first public sale of cattle wholly their own. Their herd has developed now to such proportions that these sales can be made without material injury to the herd. In this selection they have decided to keep just as good cattle as they are selling and to sell just as good as they are keeping. The herd was established twenty-six years ago and a perusal of the catalog will reveal the fact that some of the best herd bulls in use in eastern Iowa have been used upon this herd. All bulls hereafter named will be the ones to which all of the cows in the sale are bred, namely, Imp. Royal Archer, Jennie Lynd's Hampton and Hampton's Lad. Two of these bulls are by the world's famous Imp. Merry Hampton. The bull imported by Mr. C. B. Duston, of Summerville, Ill., afterwards sold to the Bigler's and at their dispersion going to the herd of Messrs. McLaughlin & Watts, and at the present time heads the College Farm herd at Champaigne, Ill. Merry Hampton was bred by Mr. Wm. Duthie and belonged to Mr. Marr's famous Missie tribe. The Missie at the present time probably rate as high as any of the Scotch families of Short-horns. Aelde from Merry Hampton being of the famous family, his two grandsons were the distinguished bulls, Field Marshall and William of Orange, being half brothers by Mr. Cruickshank's famous Roan Gauntlet. As has been before stated, there are twelve bulls in this offering, four of which are by Imp. Merry Hampton himself. It may be of interest to note that the show herd, almost entirely of the Messrs. Lanaghan Bros., will be included in this sale. These cattle captured nearly everything in sight at the recent following Iowa shows: Dubuque, De Witt and Morrison, Ill. One of the best bulls that has ever been used on their herd is Imp. Royal Archer. He belongs to the famous Miss Ramsden family, was sired by Prince Charlie, he by Cash Box and out of Queen Bess 14th by Lord Marshall, her grandam being Queen Bess 11th by the Cruickshank bull, Gravesend. Royal Archer's dam was Lady Lincoln 5th by the Bruce bull, Belted Knight, and he by Clear the Way and out of Augusta 6th by Privy Seal. Thus, it will be seen that this bull combines the blending of Cruickshank and Booth's best talent, thereby furnishing an infusion of fresh blood that has been very advantageous when used on the modern, present-day Scotch Short-horns. Royal Archer stands out in a class by himself as a sire; the same may be said of him as an individual during his more gloomy days. He comes of the same family that produced the famous show cattle, Proud Bell, Miss Ramsden 9th and 11th, Imp. Brave Archer, Imp. Duke of Hamilton 2d, Imp. Scotland's Crown and other noted celebrities. In addition to the use of such a bull as the above, the Cruickshank Secret bull, Sentinel, has left his impress on the herd, much to its advantage. Sentinel is a red roan bred by Mr. C. B. Duston by Baron Cruickshank and out of Sunflower of Homewood 2d by Imperial Victor. He belonged to Mr. Cruickshank's famous Secret family, coming through Imp. Sunbeam, a cow bred by Mr. Cruickshank and sold to the Hon. John Dryden, minister of agriculture of the Dominion of Canada. We speak of these bulls in order to show our readers that the class of bulls used at Lake View farm have been the very best that money and good judgment could secure. Messrs. Lanaghan Bros. are endeavoring in this sale to offer a class of cattle that will be not only useful to the buyer, but that will be a credit to themselves as breeders. The cattle will be put on the market in good, thrifty breeding condition and will include as useful and breedy cattle as will be sold this season. A large per cent have calves at foot that sell with their dams, including some very large calves that ordinarily are sold separate, but so prolific is this herd that the owners have decided to let a lot of these big calves sell with their mothers as one lot. The heavy-milking qualities, as well as the thick-fleshed tendency of the Lake View herd, are points in their favor which should in no wise be overlooked by the careful and judicious purchaser of Short-horns. Col. Griff Johnson, assisted by Messrs. R. T. Troy, Mart McLaughlin and John Farrell will be the auctioneers. All communication for catalogs should be addressed to Messrs. Lanaghan Bros., Charlotte, Iowa.

Last Call for J. B. Brown's Important Sale of Short-horns.

On Thursday, October 4th, the day before Mr. G. H. Burge's sale of Short-horns, Mr. J. B. Brown, of Solon, Iowa, will offer for sale forty-two head of good business Short-

horns. A representative of The Homestead has carefully inspected the offering and can say without fear of successful contradiction that it is the most practical and useful breeding lot of cattle Mr. Brown has ever offered. A goodly number of Scotch cattle are listed, as has been already stated, and which we refrain from further mentioning at this time because of the sample pedigrees of these cattle which appear in the half-page announcement on page 39 of this issue of The Homestead. The individual character of the offering is fully up to the high character of the breeder. Mr. Brown made a small showing at the Iowa State Fair and these cattle, with a host of other good ones that were left at home, will be included. It has been said by one of our wise heads that a good bull was half the herd and a poor bull was the entire herd. Fortunately indeed was Mr. J. B. Brown when he secured that great Scotch bull, Golden Rod by Imp. Golden Measure. Golden Measure was bred by Mr. Wm. Duthie, got by Golden Count and out of Imp. Mistletoe 5th by the celebrated Scottish Archer and out of Columbia 4th by Golden Crown. Golden Rod, while not a show bull, is a very prepotent sire of uniformly good stock. Mr. Brown has been engaged in the breeding of these Short-horns for more than twenty years and, like Mr. Burge, is making an offering almost entirely of his own breeding. Twelve of the offering are bulls; the remainder females, largely of breeding age. It is worthy of mention that Mr. Brown is in every sense a plain, matter-of-fact farmer and breeder. He is not a speculator, by any means, and he has bred all of these cattle. Family characteristics and uniformity will be found in a much more marked degree than can possibly be found where outside purchases are frequently made, for the reason that Mr. Brown is not a heavy buyer and attendant at all the other sales, his cattle will likely sell for less money; in fact bargains have always been the order of the day at his sales. Buyers usually get good cattle at the Brown sales at about sixty cents on the dollar. Nevertheless, as he raises all his sale cattle and produces the feed on his own farm from which they are grown, he has not as yet entered any complaint at the bargain prices at which his cattle were taken. The week in which October 5th comes will afford several opportunities for the discriminating buyer and particularly those who wish a car load to attend these sales. Commencing October 2d, Mr. E. Cosgriff, of Clarence, Iowa, will sell about fifty head; October 4th Mr. Brown sells forty-two head; the following day Mr. G. H. Burge, of Mt. Vernon, Iowa, will sell forty-four head. These sales are all within forty miles of each other and easily reached after the close of the sale each day. Clarence and Mt. Vernon are both on the main line of the Chicago & Northwestern railroad, east of Cedar Rapids a few miles, while Solon is some twelve miles south of Cedar Rapids on the Chicago, Rock Island & Pacific. It is our firm belief that those contemplating the purchase of good Short-horns who desire to secure real bargains should now so arrange as to attend this series of sales. Mr. Brown will be pleased to mail his complete catalog to every Homestead applicant. It is a neat and attractive piece of work, gotten out by Mr. F. P. Healy, the leading compiler and printer of catalogs of the middle West. This catalog should be in the hands of every one of our readers who is interested in Short-horn bargains.

Last Call for Harding's Great Ohio Chief. [Sale.]

If a crimson color is reflected from the heavens around about Carson, Iowa, on October 3d, it will be because Mr. Bob Harding and his Ohio Chiefs will be there in full force, awaiting the judgment of the breeders who have been calling for catalogs from a dozen different states and signifying their intention to be there in person. Today no Duroc Jersey boar is more discussed nor more thoroughly advertised than is Ohio Chief. As a first prize winner at the great World's Fair he came into public favor and public notice, and the get of no hog is in greater demand than is this great son of Protection. Mr. Harding is putting forty-five head in this sale, and thirty-five head of these are boars. These will be sired by Ohio Chief, Proud Advance and Orion, three of the most noted sires of the breed. There will be one very excellent litter by Belle's Perfect King out of a Surprise 2d sow, and no man will go far wrong in buying any of these. There will be four spring boars, all sired by Orion and out of Proud Lady, the sow that cost Mr. Harding \$1,275. There will also be four choice boars in the sale sired by Proud Advance out of a daughter of the Iowa State Fair winner, Perfection Chief. The great sweepstake sow, Nebraska Belle, will be represented in this sale by one of her sons, sired by Ohio Chief. This will certainly be a great commingling of the blood of the winners and should prove a good drawing card. There will be six boars by Ohio Chief and out of Lady Peach that are good, but a little late. There will be some good ones by Brighton Wonder, a full brother to Crimson Wonder, and a few by other good boars. The Harding sale will be one of the most attractive sales of the fall season, and every breeder, especially those who are looking for herd leaders, had better arrange to be with the boys on that occasion. Write for his catalog at once. It will reveal a line of breeding that you cannot pass up if you expect to get in touch with the best blood known to the Duroc Jersey breed. Kindly mention The Homestead when writing.

FOUR GREAT SALES

Choice Breeding Cattle DURING THE
American Royal Live Stock Show

At the Stock Yards . . . Kansas City, Mo., OCT. 6-13, '06

60 Aberdeen-Angus
Will Sell

Tuesday, Oct. 9
For catalog address,
W. C. McGavock,
Springfield, Ill.

60 Short-horns
Will Sell

Wed. Oct. 10
For catalog, address,
B. O. Cowan, 17 Exchange Ave., Chicago

60 Galloways
Will Sell

Thurs., Oct. 11
For catalog, address,
Chas. Gray, 17 Exchange Ave., Chicago

60 Herefords
Will Sell

Friday, Oct. 12
For catalog, address,
C. R. Thomas, 221 W. 12th St., Kan. City, Mo.

Not a Cull In the Lot

SALE BEGINS PROMPTLY AT 1 P. M.

Sales of pure bred Swine will be held as follows: Poland Chinas, October 9; Berkshires, October 10. For catalog, address, L. E. Frost, Springfield, Ill. Duroc Jerseys, October 11. For catalog, address, Thos. L. Williams, Dawn, Mo.

THE PRIZE WINNING

Duroc Jersey Sale of the Season.

PORTSMOUTH, IA., OCT. 9, 1906.

I am offering 40 head in my sale, 35 BOARS and 5 GILTS, sired by the following noted boars:

Crimson Wonder I Am 2d, 3rd prize boar at Des Moines this year in the strongest yearling show ever seen at the state fair.
Tip Top Notcher, the sweepstakes boar at the great World's Fair and the boar that sold for \$5,000.
Ohio Chief 2d, One of the greatest sons of Ohio Chief. Pigs by other well known boars in this sale. Write for catalog. Address,

AUGUST VOGEL,

Col. Luther, Auctioneer.

PORTSMOUTH, IA.

Fulton's Mammoth Poland Chinas

GO THROUGH THE SALE RING AT

VILLISCA, IOWA, OCTOBER 10, 1906

The Blood of Jumbo, Longfellow, Giantess and Chief Price, the famous big strains.

25 Spring Boars.-----10 Fall Sows.-----15 Spring Gilts.

Sired by Miller Boy 38515, a grandson of the 1,005-pound boar, Chief Price; also by Big Kiever 35195, Long Wonder and Fancy U. S. If you are looking for the kind of Poland Chinas that win over the scales come to my sale. Catalog ready. Address,

W. D. FULTON,

Col. J. West Jones & Orville Jones, Auctioneers.

VILLISCA, IA.

J. O. James' Big Poland Chinas.

BRADYVILLE, IA., OCT. 11, 1906.

50 HEAD. THE GET OF THE GREAT BOAR PAWNEE LAD, MY 800 lb. BOAR, and BIG PROSPECT. Bone, Size and Quality Here. 50

I am offering a fine string of Pawnee Lad yearling sows and these make great big, roomy brood sows. I have retained everything that was good for this sale—the very cream of my herd. Ten fall boars in sale sired by Pawnee Lad and Big Prospect. My spring boars have never been equaled for size, bone and quality in southern Iowa. Write for catalog.

J. O. JAMES,

BRADYVILLE, IOWA.
Col. J. WEST JONES, Auctioneer.

THE TOP NOTCHER-TIP TOP NOTCHER DUROC JERSEY SALE

HARLAN, IOWA, OCTOBER 13, 1906.

50 10 choice boars by old Top Notcher; 10 boars by Tip Top Notcher. Boars sired by Top Notcher, Chief 2d and 3 boars by old Orion out of Dandelion sows. A few choice sows and gilts included in sale. 50

Top Notcher Chief 2d, the sire of many of the pigs in the sale won fourth place at Des Moines. I am putting in the best lot of Top Notcher and Tip Top Notcher boars that have ever been sold in the West. Some of the sows will have litters at foot. If you are wanting the best blood in the land it will be necessary for you to attend my sale. Catalog ready, write for it. Address,

AUGUST SONNELAND, HARLAN, IOWA.
C. C. KEIL, AUCTIONEER.

Northwest Iowa Sales.

Readers of The Homestead should impress upon their minds the dates of three important sales to be held in Clay county, Iowa, as follows: Mr. Wm. Hansen, of Dickens, Iowa, will sell fifty head of Angus cattle at his farm adjoining Dickens on October 10th; on the eleventh Mr. John H. Graham will sell fifty-five head of Short-horns at his farm six miles north of Spencer, and on October 12th the Clay County Poor Farm will disperse their entire herd of Short-horn cattle at the county farm three miles west of Spencer. The catalogs for these sales are now in the hands of the printer and will probably be ready to mail to all those who are interested by the time this reaches our readers. We have not the data at hand from which to enter into detail concerning these various contributions. However, will say concerning the Aberdeen Angus offering that it consists of at least forty females, about twenty of which will have calves at foot and of the following well-known prolific, useful Angus families: Maggies, Queen Mothers, Lady Ferns, Westertowns, Lochiel Rosses, Heatherblooms, Easter Tulloch Duchesses, and Tillyfour Jans. The grandly-bred Heatherbloom cow, Heatherbloom of Burlington, is included in this sale. She is the dam of the International prize-winning bull of 1903 that sold for \$1,000. Maggie Estill 4th is included in this sale and sells with calf at foot by that grand Blackbird bull, Baron Blackcap, he being a son of Edward R. and out of Blackcap Maid. Mr. Hansen is selling nine or ten bulls from twelve to twenty-five months of age, with the major portion of them around about twelve months. They are a good bunch of bulls in modest condition. Catalogs for this sale can be had by application to Mr. Wm. Mincer, of Spencer, Iowa, who is the sale manager for Mr. Hansen. Mr. Graham, who sells Short-horns on the 11th, is offering thirty-three females, among which are six Scotch cows and heifers of the famous Dorothy family. The remainder have from three to five Scotch tops on such cows as Josephines, Young Marys and Lady Jans. These cattle are in nice condition, being well covered with thick, natural flesh made off the grass. Mr. Graham's bulls are largely the get of that splendid bull, Orange Oakland, an Orange Blossom sired by Mr. H. D. Parsons' famous old Duke of Oakland. This bull is being assisted and strengthened as the head of the herd by Old Champion, the bull that made Mr. S. G. Crawford's herd at Lohrville, Iowa. This bull is one of the best specimens of the Cruickshank strains of breeding, and while he bears the weight of many years, he is still fresh and active for his age and is doing splendid service for Mr. Graham. More details will be furnished when we have received the sale catalog. Application for this should be made to Mr. John H. Graham, Spencer, Iowa. The Clay County Poor Farm on October 12th will consign ten bulls all by the Canada-bred bull, Major 14878, and forty cows and heifers. Ten or more of these cows will have calves at foot. The cows are bred to the splendid Scotch bull, Monarch, now at the head of the herd. Monarch was by Gloster Valentine 181498. He was bred by Messrs. Walpole Bros., of Rock Valley, Iowa. This herd has been maintained for a number of years by the county and they now find themselves overstocked; hence this dispersion sale. Mr. A. F. McConnell, one of the county commissioners, is the manager of this sale, to whom all applications for catalog should be addressed. Their offering embraces practically all American families, but are of the good, useful kind and have been cared for and reared in a manner that makes them eminently worthy to stand in comparison with good herds of cattle owned by individuals. Inasmuch as one expenditure of time and money will enable those interested to attend the three-days' sale, a golden opportunity is hereby offered. Watch further announcements in The Homestead.

Last Call for C. F. Hewitt's Dispersion Sale of Angus Cattle.

It is with regret that The Homestead makes the announcement for the last time of the dispersion sale of Mr. C. F. Hewitt's famous herd of Aberdeen Angus cattle at the new sale pavilion in Morning Sun, Iowa, on October 2d. On that date auctioneers W. K. Henss and Silas Igo will put Mr. Hewitt out of the Aberdeen Angus cattle business. A variety of conditions have arisen which call for his dispersion sale. It is not, however, because the business has not been profitable and pleasant to him, for during the three preceding years to, and including, 1900 Mr. Hewitt's bull average at private sale was \$110 per head, including young bulls from eight to fifteen months of age. In founding this herd of Angus cattle he fully realized that a good bull was the whole herd, and in securing the heads of his herd at various times he has been exceptionally fortunate. Mr. Hewitt realized that the only way to improve his herd was when in need of a herd bull to not hesitate in the least on the price, but simply buy him without regard to price when the bull of which he was in search was placed on the market. Too few breeders recognize this point in the building up of a herd of Aberdeen Angus cattle, or for that matter, any of the pure bred breeds. Mr. Hewitt and his brother have built up their herd side by side, working in unison so far as their herd bulls were concerned for the past eleven years. Mr. J. T. Hewitt, the junior member of the firm, will contribute to this dispersion some five or six head, but will continue in the business on a separate farm a mile and a half distant from his brother. Their interests have always been separate except in the joint ownership of the heads of the herd. Mr. C. F. Hewitt makes the announcement in his catalog that this entire herd will be dispersed without regard to the prices paid. That there will be no protection thrown about these cattle of any kind. All known defects will be made known on day of sale and every effort made to honestly inform the buyer of just what he is about to purchase. A liberal guarantee is placed on every animal, guaranteeing them to be breeders. He owns a large farm and expects to continue his residence at Morning Sun and is amply

able to make good every guarantee that he sees fit to make. We wish to call special attention in this sale to the splendid Blackbird Barter that will be sold, as well as to the other eight young bulls listed in the sale. It is a plain, practical, useful business herd that needs no apology in any shape or form. Neither are any excuses offered for the sale of the cattle. Mr. Hewitt has never been a believer in going from place to place purchasing cattle at long prices expecting the seller to return the compliment and thus simply exchange dollars. His idea has been to buy what he needed and pay for the same on strictly a business basis, with no fault of reciprocity on his part. This being his motto, there is no probability that there will be any "boosters" at this sale. Hence it will afford a golden opportunity for the breeder or speculator who wishes to secure some good, useful cattle, a large per cent having calves at foot or are soon due to calve, to secure them at what, in all probability will be great bargain prices. The writer has been familiar with the herd for a number of years and considers it is as prolific and as heavy milking a herd of Aberdeen Angus cattle as there is in the state of Iowa. This sale should not be overlooked by anyone in search of doddly bargains. The shipping facilities from Morning Sun are most excellent, Mr. Hewitt being able to ship on either the Iowa Central, C., B. & Q. and C., R. I. & P. railways. All stock will be loaded on the cars free of charge with no stock yard charges of any kind. The buyer will simply have the freight to pay. For catalogs address Mr. C. F. Hewitt, Morning Sun, Iowa, mentioning The Homestead.

The New Horse Remedy.

Nearly everyone connected in any way with horses has heard of Mr. E. E. Gray, "The Speed Merchant," of Hinsdale, Ill. Two years ago Mr. Gray inaugurated the "Guarantee System" of horse selling and his success has been truly phenomenal. He sells horses all over this continent, also in Europe, and in most cases his customers buy on description. Mr. Gray guarantees the horses, stating their faults as well as their virtues. Pleased customers everywhere attest the honesty of his dealings and it now looks like Mr. Gray held the speed horse market in the hollow of his hand. At all times from forty to sixty speed horses are to be found in Mr. Gray's barns. Naturally among this number the services of a veterinarian were frequently required. The "Speed Merchant" employed one of the best veterinarians in America and after two years' experience with him he discovered that the prescription he used in nine out of ten cases was what is now known as Gray's Tonic Preventive. The veterinarian was honest and upon being questioned stated that he had used this one remedy for over thirty years in his practice with almost unflinching results. So Mr. Gray having knowledge that it had worked wonders for him during its two years usage bought the rights to it and gave it his own name. It has been out on the market less than three months, but every bottle sent out has sold many others in the communities where it has been tried. No horse medicine has ever met with such speedy success and already it is better established than many remedies that have been advertised for years. There is only one way to account for this and that is on the ground that it possesses true merit. It makes friends for itself and the testimonials received from its users differ only in the adjectives used in lauding its praises. There is nothing more efficacious as a preventive of disease. It cures coughs, colds, distemper; acts on the circulation and on the secretory organs. As a tonic and flesh builder it has no equal. It promotes a natural and healthful appetite, rids the horse of worms, renovates and rejuvenates his entire system and leaves no bad after effects. Unlike a stock food it is not a daily diet, but a scientific treatment which is left off as soon as the animal is on the road to health. For brood mares and their foals it is a perfect remedy. For horses being prepared for the market it puts on the finest of finishing touches, makes them fatten readily, makes their coats shine. Mr. Gray will send you a bottle free and if you don't like it, you don't have to pay for it. On page 6 of this issue will be found our advertisement which more fully details the merits of Gray's Tonic Preventive. It is destined to be America's greatest family horse medicine.

Voge's Top Notcher-Crimson Wonder Sale.

On October 9th, at Portsmouth, Iowa, Mr. August Voge will make a public sale of forty head of decidedly high-class Durocs. There will be thirty-five boars and five gilts in the offering, and these will be sired by his prize-winning herd boar, Crimson Wonder I Am, third prize yearling boar at Des Moines this year in one of the strongest classes ever seen at that fair. Then there will be quite a number that are sired by the World's Fair sweepstakes boar, Tip Top Notcher, and a few will be sired by Ohio Chief 2d, considered the greatest son of Ohio Chief. Mr. Voge will have a few in the sale that will be sired by other good herd boars and these will be out of good sows that he bought last spring. His offering will be a Crimson Wonder-Top Notcher-Ohio Chief offering, and no sale in the West will carry any more of the blood of these three noted boars than will be found in Mr. Voge's sale. Breeders will be surprised when they see his sale stuff. As a feeder and care taker few can beat Mr. August Voge, and he will show the boys a bunch of pigs that will surprise them on sale day. In the first place they have the size, are excellent in color, good bone and have plenty of length. If you are wanting a boar sired by his Crimson Wonder I Am second prize winner at the Iowa State Fair, or by the World's Fair sweepstakes boar, Tip Top Notcher, or by Ohio Chief 2d, then don't fail to remember his date, August 9th, and don't fail to attend his sale. Every Duroc Jersey breeder should have one of his catalogs and he will take pains to see that they get one if they will only write for it. Kindly mention The Homestead when doing so.

GRAND PUBLIC SALE

OF

SHORT-HORN
... CATTLE ...

AT

CLARENCE, CEDAR COUNTY, IOWA,
TUESDAY, OCTOBER 2, 1906.

On the above date I will sell 40 head of as good individual Short-horns as will be sold this season, at my farm two miles south of Clarence, Cedar county, Iowa. The offering consists of 30 cows and heifers and 10 bulls, all richly Scotch Topped with some of the best Scotch blood extant. All females bred to the Scotch bulls Victor Fashion 104906 and Scottish Spartan 257120. It is a grand aggregation of heavy milking breeding Short-horns. A large number of cows will be sold with calves at foot. A certified copy with each sale will be furnished with each individual catalog. Parties from a distance will be entertained free of charge at the Cottage Hotel. Terms cash, but bankable notes will be accepted on six months time at 6 per cent interest. All lovers of good Short-horns are cordially invited to attend this sale.

E. GOSGRUFF, PROPRIETOR,
CLARENCE, IOWA.

COL. GRIFF JOHNSON AND O. S. JOHNSON, AUCTS.

Attention is called to J. B. Brown's Short-horn sale at Solon, Iowa, Oct. 4, and G. H. Burge's sale of Short-horns at Mt. Vernon, Iowa, Oct. 5. Parties can attend all three sales without any inconvenience. Mention Homestead when writing for catalog.

DISPERSION SALE

OF

ABERDEEN ANGUS
CATTLE

I will disperse my entire herd of Aberdeen Angus breeding cattle at Morning Sun, Iowa, Tuesday, Oct. 2, 1906. The herd embraces 51 head, including 6 bulls and 45 females. The present herd bull Barter is included, sired by Imp. Proteros, dam Blackbird McHenry 17th, also one choice yearling bull by Emperor of Estill, dam by 2d Mayor of Estill. Twenty cows with calves at foot will be sold. Nine yearling heifers. Two two-year-olds and 5 cows due to calve before sale day. The herd is pre-eminently a business herd. They will be in prime breeding condition but not excessively fat. I am retiring from the breeding of Angus cattle, but my brother, J. T. Hewitt, who contributes some 5 head to this sale, will continue breeding Angus cattle. This sale offers the best opportunities in recent years for the young breeder to found a new herd with strictly breeding cattle. The sale will be in the new pavilion in town with Cole, W. K. Henss and Silas Igo officiating as auctioneers. Write for catalogs to

C. F. Hewitt, Proprietor,
Morning Sun, Iowa.

Last Call for G. H. Burge's Short-horn Sale.

As this is the last opportunity we will have to direct attention to Mr. G. H. Burge's sixth annual sale of Short-horn cattle to be held at his Wayside farm, Friday, October 5th, we would feel ourselves negligent did we not refer briefly to Mr. Burge's history in the Short-horn business. As has been before stated, Mr. Burge is pre-eminently a self-made breeder of Short-horns. Starting as he did with the proper ideal in his mind, he of course had something on which to build. No breeder who starts to breeding beef cattle is worthy of being considered a breeder without having an aim or object in view. The ideal that presented itself to the mind of Mr. Burge was a type of Short-horn that possessed all the good qualities of the early-maturing beef animal, and at the same time showing breed character in that high degree that made it possible for each and every animal maintained in his herd to reproduce itself of that same type. Hence, early-maturing qualities of the proper beef conformation on short legs, closely coupled with broad heads, wide between the eyes, and as much shortness from the eyes to the muzzle as could be secured. Mr. Burge's herd is built up to its present proportions on the above described lines. The bull offering in this sixth annual sale is an exceptional lot. It is worthy of note that with all of Mr. Burge's prize winnings for the past two years every animal exhibited by him was bred at Wayside, and of the forty-four head cataloged for this important sale, thirty-six were bred by Mr. Burge. It is useless for us at this time to enter into detail concerning the breeding of any of the cattle for the reason that on page 38 we submit a sample of the many rich pedigrees that are to be found in the catalog. However, inasmuch as that grand old herd bull, Acrobat, has been consigned to the sale since the catalog was gotten out, we will make reference to him in detail. Acrobat and Money Musk have been the chief herd bulls for Mr. Burge for some time, and so good were the daughters of Acrobat that Mr. Burge had been casting about for some time in search of a young bull to use on these heifers where Money Musk was so closely related that he could not be used. At the Iowa State Fair, recently held, the object of his search was discovered in a splendid son of Gallant Knight, in the hands of Messrs. T. K. Tomson & Sons, of Dover, Ksn. This bull being secured at a long price, Mr. Burge finds himself in position now to let Acrobat go. His pedigree appears first in the sale catalog for reference only. But as the old bull will be sold regardless of price, we wish to call attention to his breeding. He is a solid red, calved Sept. 5, 1899. His sire is Victor Mysie 2d, dam Amelia by Lord Mysie; second dam Aethyl by Royal Duke of Pleasant Ridge; third dam Anreola by Imp. Favorite; fifth dam Imp. Anorra by Duke of Chamberg. Acrobat belongs to what is known more commonly as the Scotch Avalanche tribe. Victor Mysie 2d, his sire, was unquestionably the greatest herd bull ever used by Messrs. S. H. Thompson & Sons, of Iowa City. He was got by Double Victor and out of Mysie of Pleasant View, she by Secret Emperor, she out of Mysie Venus 2d by Imp. Leyburn, thence out of Imp. Mysie 36th by Scotland's Pride. Acrobat is beyond question one of the best aged Scotch bulls that will be put on the market this year; in fact, it seldom occurs that such an opportunity to buy so good an old bull as Acrobat is offered. His handling qualities are certainly as good as has ever been discovered on a red bull. In moderate breeding form a double handful of loose, mellow hide may be rolled up on his ribs that has a soft and yielding touch to the hand denoting great feeding quality. As has been before stated, practically the entire show herd of 1905 and 1906 are included in this sale, and embraces cattle that should go in future shows and make themselves formidable competitors in strong competition. One of the best young bulls ever bred by Mr. Burge is The Trumpeter, a red bull calved Dec. 5, 1905. This bull is a herd header beyond any question for a choice herd. He is a Scotch Nonpareil, being sired by Money Musk and out of a dam by Orange Chief. Orange Chief was by Saxon Knight and out of Princess Orange Blossom by Golden Prince. The third sire is Prince President 2d, a Mysie bull sired by Dunblane's great son, Imp. Prince President. Here is certainly a treasure that should not be overlooked by anyone in quest of a strictly first-class herd bull that is bred right, made right and is right, and of the modern Burge type. There are other good bulls in the offering aside from this one and Acrobat which will meet the demands even of the critical on sale day. This sale is the last of a series of sales to be held in this locality commencing with Mr. E. Cosgriff's sale October 2d at Clarence, Iowa. Mr. J. B. Brown's sale at Solon, Iowa, October 4th, and Mr. Burge's sale on the 5th. Parties can attend all three of these sales with little or no additional expense. Mr. Burge has made every arrangement at the beautiful modern hotel, Altoona, in Mt. Vernou, for the free entertainment of his guests. Free conveyance will also be furnished to and from the farm on sale day. Prices at all of the Wayside sales have heretofore been conservative and we predict that some bargains will be the order of the day on October 5th. In writing to Mr. Burge for a catalog, kindly mention The Homestead.

Dispersion of Honey Creek Short-horns.

Readers of this journal will be interested and doubtless surprised in the announcement of Messrs. R. G. Robb & Son, of Morning Sun, Iowa, advertising the dispersion of their entire herd of Short-horn cattle, to take place in the Morning Sun sale pavilion on October 18th. Owing to the advanced age of the senior member of the firm, now being past his seventy-third year, it has been deemed advisable to close out this herd and divide the existing partnership under which name the herd has been conducted for a number of years. Some of the best Scotch Short-horns in Iowa have been owned by this firm. The firm have unquestionably found the business profitable and pleasant.

But such times as this come to every individual and firm sooner or later. We shall not enter into detail at this writing, but will leave that for future issues. We will, however, say that there will be thirty-six head—twenty-three Scotch, three of which are imported. There will be thirty females in the offering, about one dozen of which have calves at foot and are bred again to one of the leading Scotch herd bulls. Enough Scotch-topped cattle will be contributed by Mr. J. J. Robb, (not a member of this firm) and Mr. J. T. Carruthers. A word concerning the history of this firm may be of interest at this time. Some five years ago they secured to head their herd the splendid Brawtib Bnd bull, Imp. Golden Archer, a son of the famous Mystic Archer, and he by Scottish Archer, and out of the celebrated Missie cow, Missie 136, she by the celebrated William of Orange. This famous bull did Messrs. Robb & Son a world of good and from him they produced another splendid herd bull, Victor Archer, a Crickshank Victoria, but four removes from Imp. Victoria 73d. Prior to the use of these bulls Messrs. Robb & Son had used a splendid Scotch bull, Royal Mysie 3d, bred by Messrs. Thompson & Sons. At the present time their herd bulls are Imp. Clan Craibstone and Graceful Archer. Both the above bulls will be included in the sale and are worthy representatives of the famous Scotch stock to which they belong. A representative of this journal has recently inspected the offering and finds it an unusually attractive lot. It is in the pink of breeding condition, and in fact a goodly number of the young things are in splendid condition for any purpose. There will be a number of choice young bulls in the sale aside from the two herd bulls previously mentioned. Short-horn breeders generally can rest assured that this sale offers some splendid inducements to not only prospective buyers who wish to add to and strengthen their herds, but to the beginner as well. There is not an unfashionably-bred animal in the entire offering, hence the beginner who knows nothing of pedigree will be absolutely safe in attending this sale and buying anything that is offered where the individual merit suits his fancy. In succeeding issues we will enter somewhat into detail relative to the individual character of some of the animals to be sold. This firm have made preparations for a large gathering in the way of free entertainment at the Hungate Hotel at Morning Sun. The sale will be held in town at the new, spacious sale pavilion. Cols. George P. Bellows, Carey M. Jones and George Brown will officiate and disperse the many plums in this offering. It indeed seems unfortunate to disperse a herd like this just at a time when it has reached that state of perfection which has been the aim and ambition of its owners for many years. The good will of the Short-horn fraternity will certainly be and go with the senior member, Mr. R. G. Robb, wherever he may go, and the good wishes, we know, of the entire Short-horn world, will be extended to Mr. T. C. Robb, the junior member of the firm, and his son, who will soon establish and rebuild another herd of Short-horns, which, we doubt not, will soon equal this splendid herd that is being dispersed. Our readers can have a catalog of this sale by return mail, if applying to Messrs. R. G. Robb & Son, saying you read this notice in The Homestead. See page 40.

Mr. J. O. Danner's Duroc Jersey Boar Sale.

On October 8th at Yale, Iowa, Mr. J. C. Danner will offer thirty head of Duroc Jersey fall, yearling, March and April boars for sale. In writing us in regard to his stock, Mr. Danner says: "These pigs that I am offering are sired by such noted hogs as Sons of Proud Advance 42225 and Hambleton Lad 33731. Hambleton Lad's sire, Hambletonian 21837, made a reputation for himself the first time he went in the show ring by winning first in twelve and under eighteen months class in his every-day clothes at the Nebraska State Fair in 1904. He also sired the second-prize herd at the fair in 1905. Hambletonian is now owned by Messrs. Manlove Bros. and J. H. Norris, of Bowen, Ill., and his weight is 500 pounds. Son of Proud Advance is a great hog, as well as his sire and grandsire. He is as square as a box and is built right all over. Sire of Son of Proud Advance was one of the noted winners of last year, winning first in class, also sweepstakes bred by exhibitor, and he also headed first-prize young herd and first-prize young herd bred by exhibitor. The fall yearlings are by Hambleton Lad 33731. They are a very even lot and good enough to go anywhere. There will be one pig in the sale by Hambleton Lad, dam Gold Miss F. 53328, bred by Mr. E. E. Henderson, that is going to make something good. This pig was farrowed March 21, 1906. Trone E. 122432 had a fine litter of ten and raised nine, six of them being boars and they are all good ones. They are sired by Son of Proud Advance. The grandsire of Trone E. was bred by Messrs. George W. Trone & Son. He was by Col. F. 3791. Pretty Face had a litter of fourteen by Son of Proud Advance. There will be two in the sale of her litter. She is as fine a sow as I have and her pigs will show for themselves. Pretty Face was by Stnb J. 31837. He was bred by Mr. B. A. Shafer. Stnb J. was sired by Wanneta Banker 11251, he by Banker Boy 9971. Gold Block 127410, Gold 127414, Goldie 127412, all have fine litters by Son of Proud Advance. These sows were sired by Eclipse 25171. Eclipse was bred by Mr. G. Van Patten. The dam of these three sows is Gold Miss F. 53328. Birdie J. is a grand old sow. She farrowed fourteen pigs last spring by Hambleton Lad, and there will be one in sale of her litter that will be worth looking after. This sow will be five years old next spring and she has never had less than twelve pigs at a time and she always raised the most of them. Her breeding runs back to First Prize 18700 on dam's side. Her grandsire was Luther 6605. Her mother was the first red sow I ever owned about eight years ago. My foundation stock was bred by Messrs. William Roberts & Son, of Paton, Iowa. I have never had any of my stock at the fairs. Parties from a distance will find free accommodations at the hotel. Col. F. F. Luther is the auctioneer, and the catalogs will be ready by October 1st." See advertisement on page 32.

DRAFT SALE

OF

SHORT-HORN CATTLE

AT

... OAKLAND, IOWA, OCTOBER 8, 1906 ...

40 Head from the R. E. Williams Herd 40

INCLUDING 8 yearling bulls, ready for active service, and all red in color. I am putting in 9 yearling heifers and 8 two-year-old heifers. The rest will be cows, all of which will have calf at foot except 4 head, and they will be bred and safe in calf. I am putting in some of my very best cows, some of which are well Scotch Topped and some are straight Bates. If you want a few good bulls or cows and heifers, I have them in my sale. If you want the money-making kind of Short-horns, I have them. Write for catalogs, now ready. Address . .

R. E. WILLIAMS, JR., OAKLAND, IA.
COL. DUNCAN, AUCTIONEER.

AUCTION SALE of SHORT-HORNS

At Belle Plaine, Ia., Oct. 6, 1906.

I WILL SELL 43 HEAD. 32 FEMALES, 11 BULLS, 5 SCOTCH FEMALES, 2 SCOTCH BULLS.

The remainder Scotch Topped. Scotch Secrets, Strawberry, Emmas, Scotch Topped Young Marys, Rose of Sharon, Jubilee Gwynne, Zelias, etc. Some herd bulls. I bred and sold the Iowa Agricultural College their present herd bull.

John Hughes, OWNER, Belle Plaine, Ia

CAREY M. JONES, AUCTIONEER.

Peoria County Sales.

..Tuesday, Oct. 9th..

Ira Cottingham sells in New Pavilion on farm two and one-half miles south of Eden on Iowa Central R. R., 15 miles from Peoria, Ill.

35 SHORT-HORN CATTLE.

Imported and home-bred Scotch and Scotch-topped bulls and females of the well-bred, good, individual class.

40 POLAND CHINA HOGS.

Yearling sows, fall sows and spring pigs of either sex, not related. They are the big-boned, growthy kind.

We are not in the Trust. Send for catalog.

Ira Cottingham,
Eden, Peoria Co., - Illinois.

Wednesday, Oct. 10th

R. A. Sanmann sells at farms six miles from Eden and six miles from Glasford, Ill.

60 POLAND CHINA HOGS

They are yearling sows and fall and spring pigs, of both sexes. They are good-boned and growthy—as well-bred as they make them.

...2 SHORT-HORN BULLS...

Nine months and three years old, both reds, and good ones. Send for catalog.

R. A. SANMANN,
GLASFORD, ILLINOIS.

Thursday, Oct. 11th.

W. S. West sells at farm two miles south of Hanna City, Ill.

60 Duroc Jerseys

Yearling sows, fall and spring pigs, of both sexes. Good, growthy and well-bred ones. Send for catalogs.

W. S. WEST,
HANNA CITY, - ILLINOIS.

JERSEY CATTLE.

JERSEY CATTLE

DESIRABLE YOUNG BULLS

THE WENONA'S GREAT STUD.

HAVING concluded to make a change in placing STALLIONS before the PUBLIC on account of the unsatisfactory business methods and transaction done in the stallion trade to the buyers, as well as to the sellers by the stallion salesmen, we have concluded to sell our stud from the barns. Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper who is assisting in placing the stallion, who usually is one of your own neighbors, (the most influential man of the neighborhood) and the great expense of placing the stallion. The long-time notes, from 3 to 5 years, have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. WE KNOW WE CAN SAVE YOU AT LEAST 50%. If you have to have a company to live a horse in your neighborhood, form your own company, and come to the barns, BE CONVINCED THAT YOU CAN SAVE FROM \$1,000 to \$1,500.

GOOD AMERICAN-BRED STALLIONS, from \$800 to \$1,000.
FIRST-CLASS IMPORTED STALLIONS, from \$1,200 to \$1,600.
CHOICEST STALLIONS, a little higher.

THESE are the prices at our barn at Wichita, Kan., and Wenona, Ill. For prices at the GREAT WESTERN BARN, apply to M. C. Gray, Pullman, Wash. We ask all intending purchasers to visit our stables, where we have over 300 Head of Stallions to select from: SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over 22 years, longer than any one man in the stallion trade, and we guarantee to make every deal satisfactory to you. Get your guarantee and insurance direct from headquarters. Visit our barns, see our exhibits at the different state fairs and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and have the quality of stock that will suit the people, are perfectly good for their guarantee, and will sell to you more good horse quality for less money than any one. Come to the barns and get the most reasonable terms that can be offered.

ROBERT BURGESS & SON, WENONA, ILL.

W. A. LANG & CO., - GREELEY, DELAWARE COUNTY, IOWA.
IMPORTERS AND DEALERS IN
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH
AND STANDARD BRED STALLIONS.

WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No odd, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write.

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FRED REPPERT,
DECATUR, IND.
Live Stock Auctioneer.

Am selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312.

\$50 SPECIAL TERM IN AUCTIONEERING
BEGINNING October 8th in Noland's School of Auctioneering. For the next few days a limited number will be enrolled for this Special \$50 term. Write today for full particulars. Conducted by
S. K. NOLAND, IOWA'S LEADING AUCTIONEER.
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Seventh Term JONES NATIONAL School of AUCTIONEERING and Oratory, formerly located at Davenport, Ia. Opens Nov. 19th, 1906, at CHICAGO, ILL., 231 ASHLAND BOULEVARD.
Six Weeks instruction in all branches of Auctioneering. Graduates now selling in 18 states and Canada. Write for catalog, Carey M. Jones, Pres.

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CLINTON, ILLINOIS.
TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

WELL READ Auctioneer, I will sell all breeds of cattle or hogs. I have been breeding pure bred hogs for years and am well posted on pedigrees. My knowledge of the pure bred business enables me to give able assistance. My former work representing live stock journal has given me inside on good offerings. Prices reasonable. Col. R. Page, Friend, Neb.

C. C. KEIL, LADORA, IA.,
LIVE STOCK AUCTIONEER.
FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

A LIFETIME IN THE CATTLE BUSINESS.
GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BAYCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

O. L. MOSSMAN,
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"THE auctioneer that makes good." Sales held anywhere. Write for dates; am booking them every day. Terms right. Phone 4115.

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Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

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LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.
Percherons, Short-horns, Jerseys, Poland Chinas. 71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.
H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

ROYAL BELGIAN STALLIONS
THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.
Henry Lefebure, Linn Co., Fairfax, Ia.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

FOR sale, 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilbo & Van Patten, Creston, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

POLLED DURHAM CATTLE.
DOUBLE STANDARD
Polled Durham Short-Horns
HERD headed by Secret Knight, he by the \$1,000 idle Knight X1874-18982. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.
SHAFER & DEUKER,
Kilona and Wellman, Iowa.

F. A. MURRAY, MAZON, ILL.
BREEDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for Sale.

LIVE STOCK AUCTIONEERS.
J. WEST JONES, CAREY M. JONES,
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IOWA'S LIVE STOCK AUCTIONEERS.
Write before claiming dates.

A. V. LOCK, REMINGTON, INDIANA.
Live Stock Artist.
Work satisfactory. Prices reasonable.

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HEREFORD CATTLE.

BEAU BRUMMEL

4TH 194318.

1ST prize Hereford bull of Iowa, 1904 at Iowa State Fair. Young stock for sale by this famous bull.

G. W. Way & Son,
New Sharon, Iowa.
Mention Homestead when writing.

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Java. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

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WILLOW GROVE HEREFORDS

COLUMBUS 23rd 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Healed and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

BULLS FOR SALE! BULLS REGISTERED HEREFORDS!

B. F. CLARK, ALBIA, IOWA.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.
H. C. CUNNINGHAM, WESTON, MO.

Wheeler's Table Backed Herefords

BULLS, cows and heifers for sale. Poland Chinas and Duroc Jersey males and females for sale. Prices low, try me.
W. W. Wheeler, Box H, Harlan, Iowa.

FOR SALE CHEAP

MY four-year-old Imp. Hereford bull, Royal Lad, No. 145068. Cannot use him longer. Large, gentle, sure. Also young recorded bulls and Poland Chinas male pigs. Write or call. Box 27, Route 1.
A. M. STINE, ADEL, IOWA

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.
OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. L.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1904 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904. Is at head of herd. Choice bred bulls, also some heifers and cows for sale at low prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11546, at \$100 each, and Chicago Boy at \$200. C. M. & S. P. and Rock Island Rys. Address,
G. W. Sharp, Marble Rock, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.
F. Rabeler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Onk Lodge Minstrel 8th 1855 and O. L. Fustler 6443, two imported boars and Hannover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 70 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for price. Will have an exhibit at the Iowa, Minnesota and South Dakota state fairs. Address,
Thomas H. Canfield, Luke Park, Minn.

CORN-BELT YORKSHIRES.

I have been using matrine breeding stock for years, and have size, quality and prolificacy. All sows in herd averaged better than 11 pigs per sow this spring. (Everything that does not come up to a high standard is unsexed.) Males and females not akin for sale. Some extra good Poland Chinas for sale also. Jas. Atkinson, Des Moines, Ia.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

When writing please mention this paper.

BERKSHIRE HOGS.

Rookwood Berkshires.

A CHOICE lot of early boars and gilts for sale. Superior breeding, unusual size and quality. Also two good Scotch bred Short-horn bulls, six to ten months old, fit to head good herds. Address,

ROOKWOOD FARM, AMES, IOWA.
C. F. CURTISS, PROP., JOHN W. OGLE, MGR.

Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.
W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 25th, by Baron Lee 5th. Some choice pigs by Choice Woods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

BERKSHIRE HOGS.

I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.
JOHN C. MILLER, - Harlan, Iowa

GALLOWAY CATTLE.

PURE BRED GALLOWAY CATTLE
FOR SALE. 8 Bulls, 6 Cows and 3 Heifers, at prices that will make them move. Write to
S. D. Miller, Wellman, Ia.

SHORT-HORN CATTLE.

JONES COUNTY HERD OF REGISTERED SHORT-HORN CATTLE
SCOTCH and Scotch topped bulls for sale. Four straight Scotch bulls good enough to head herds. All sired by Sittytown Sort 173649. One deep Red Scotch bull, 14 months old, the picture of his sire and from a daughter of Baron Montrath 24, the noted Michael bull. This bull is one of the best we ever owned and compares well with Wampum of Wayside, the new herd bull we have purchased at a long price, to head Sittytown Sort heifers which are an exceptional lot. Address,
G. P. Tyrrell & Son, Oxford Junction, Iowa.

ARDMORE SHORT-HORNS

HERD headed by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 206904 (both Missies) and Superbus 224710, our Scotch Secret Junior yearling. We would sell one of these herd bulls, and also have a choice lot of young bulls 12 to 24 months old, mostly Scotch. Also a few cows and heifers in calf to the herd bulls, for sale.

ARDMORE STOCK CO., Holstein, Iowa.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd headed by Imp. Lord Mount Stephen 206904, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysle and other Cruickshank families.

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GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

Wildwood Short - Horns
ALL REDS AND DEHORND

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 238043 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,
HENRY MATERN, - LOSTANT, ILL.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.

Pleasant Dale Stock Farm.
GEO. F. DORSCH, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 28, 1906, at farm.

.... PUBLIC SALE

OF REGISTERED
Short-horn Cattle and High Grades.

I WILL offer at my farm two and one-half miles northeast of Newton, Iowa, on October 8, 1906, twenty-two head of registered Short-horn cattle, eleven yearling bulls and eleven cows, six of which have calves at foot, the remainder bred to the Cruickshank bull, Victor Alexander 2d. I will also sell twenty high-grade Short-horns, fifteen cows and heifers, all bred, and five steers. This will be the farmers' opportunity of a lifetime. Address for catalog

GEO. A. HANS, - NEWTON, IOWA.
Col. Al P. Mason, Auctioneer.

30 HEAD MAPLE GROVE HERD
of DUROC JERSEYS

SALE AT JEFFERSON, IA., on OCTOBER 8, 1906.

Sires of a great portion of these boars, Son of Proud Advance 44225 by Proud Advance, Hambleton Lad 33731 by Hambletonian 21837, sire of the balance. All spring boars farrowed in March and April. Also four fall boars by Hambletonian Lad. Dams of these four came from Hero Boy blood. Catalog ready. Some of these boars sprang from Eclipse 25171, Gilbert Van Patten breeding and out of sow Gold Miss F. Have been raising Durocs for seven years and have placed orders satisfactory.

J. C. DANNER, Hotel arrangements at Jefferson. YALE, IA.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horns. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE THE STANDARD." LYNDAL SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndale head Short-horn herd. Females are Victorias, Secrets, Butterfys, Lavenders, also a few Young Marys and Rose of Sharon. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

A. F. GRAVES, Visitors always welcome. KING CITY, MO.

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SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. Prince Oedic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

N. P. HALGREN, - VINTON, BENTON CO., IOWA.

Bargains in
Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

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SHORT-HORNS

TWO straight Scotch bulls for sale; one four years old, by Imp. Red Light out of an imported cow. The other will be one year old in August, a Brawith Bud. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Scotch Bulls

Got by Imp. Mutineer 172547
A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 167th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

A. C. BERRY, - UNIONVILLE, MO.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old May 18th, sire Nonpareil Courtier 2d; also Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,
J. H. MOYER, - NEWTON, IOWA.

I WILL SELL
AT my farm 2 1/2 miles northeast of Newton, Ia., on October 8th, 22 head of registered Short-horn cattle: 11 bulls, 11 cows and heifers. Also 20 head of high grade Short-horns: 15 cows and heifers and 5 steers. Address, for catalog,
GEO. HANS, - NEWTON, IOWA.

Scotch and Scotch-topped Short-horn Bulls
TWO sired by the international champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,
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SHORT-HORNS
DISPERSION SALE

October 18th, at Washington Court House, Ohio. Write for catalogs to

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IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

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BULLS

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4 Good Young Short-horn
Bulls For Sale.

Sired by Victor Maple 203379 he by Grand Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

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BARON FOXGLOVE
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I WILL sell at a bargain the superb 2-year-old Scotch herd bull Baron Foxglove. Sired by Imp. Fancy's Pride. Dam Cherry Foxglove. He is very smooth and in this breeding form weighs 1,500 lbs. He is of the Cruickshank Brawith Bud family.

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REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov- at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address,
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BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade, fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.

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ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

A GOOD YOUNG SCOTCH BULL FOR SALE
SENATOR 241887, two years old in July; sired by Imp. Bashon Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.
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WALNUT Grove Short-horns and Poland Chinas. Clear the Way 23432, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa.

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WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

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Model Herd
Chester Whites

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I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.

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MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, Mo.; Fisher Medium II, best son of Fisher's Medium. 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Willie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R.R.1, Neponset, Ill.

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address, KERR'S O. I. C.'S, O. L. KERR, INDEPENDENCE, MO.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captulin 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at Interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.

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150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captulin 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection. FISHER LIVE STOCK CO., P. O. BOX 2, HASTINGS, NEB.

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The oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, L. Box 85. Samuel Bone, Montezuma, Ia.

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200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed. J. F. HALL, Mechanicsburg, Ill.

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CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers write for descriptions and prices. N. A. RANCK, NIOTA ILLINOIS

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FOR sale ready to ship. Also my herd header Gold Chief record No. 1297. Write me German or English. J. M. Janssen, P. O. Box 627, Sibley, Iowa.

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70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy. V. A. LATHROP, MARION, IOWA.

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BRED right and led right. Prices will surprise you. Try me. E. J. Trumbauer, Patterson, Ia.

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A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices. JNO. CHAMER, BEATRICE, NEB.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester A. White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address, W. M. MERCER, AURORA, ILL.

I PAY EXPRESS CHARGES

AND ship C. O. D. choice improved Chester White pigs of both sexes. Write for illus. catalog free.

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30 CHESTER WHITE BOARS 30

A extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa. A. A. ROGERS, Owner.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

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...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maplehurst Proterus 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Buster Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address, WHEATLEY & WARD, King City, Missouri.

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WE have a few good young bulls and cows of good families for sale at fair prices. Many of these animals were sired by our Blackbird-topped Pride bull. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

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OF the Blackbird, K. Pride, Trojan and Queen Mother families ready for service. Will be priced right. Herd headed by Prince of Elsen 59249, weighing 2020 lbs. and as active as a cat, sired by Crane-wood Black Knight 39477, sold at the Miller sale for \$2,000. Address, WHITE BROS., PERRY, IOWA.

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THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201, August of Cottage Grove 2d 19066, Lowlander 21889 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa, De C. R. 1 & P. R. 1.

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BLACKBIRD to the first prize yearling bull at the World's Fair heads the herd, composed of the best families of the breed. We invite you to see them on Springdale Stock Farm joining this city.

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FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King 1to by Prince 1to. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

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Pleasant Hill Herd of Aberdeen Angus.

STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275. J. Nissen, Meservey, Cerro Gordo County, Iowa

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The Joe Young Herd Poland Chinas.

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50 HEAD CHOICE BOARS AND GILTS 50
all spring and fall farrow,
Sired by Grand Mosa Chief 39875 and S. My Price 34574, one of the biggest-boned hogs in the state. Write for catalog.
YOUNG & DUNCAN, MADISON, NEB

WELLMAN HERD OF RECORDED POLAND CHINA

SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99355. Pigs to head herds a specialty. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170782. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

200 March Pigs: Highest Average on Poland in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enter-prise and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99993, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address, WM. RAY & SON, DEFIANCE IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

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WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrow which we will price at reasonable figures. Also a few extra good fall boars; strong, vigorous, heavy-boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

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IF you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.

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CORRECT I KNOW JR. 111629.

FALL males of Tec. and Perf. breeding; weight 300 to 450 lbs. Spring boars by Hustle On 105337, he by On and On. Serviceable S.H. bulls, S.L. Wynndotte and R. C.B.L. Leghorn cubs. Inter-State phone. F. Ebenfort, Strawberry Point, Ia.

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O FALL boars, 2 yearling boars, 60 spring boars, O sired by Kiever's Gay Lad. J. W. Knowles & Son, Craig, Neb.

When writing please mention this paper.

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44 SPRING BOARS, 3 YEARLING BOARS.

IF you want a Poland China Boar that will weigh a half-ton, when matured, I have him. My sows farrowed on an average 11 pigs to the sow, and raised on an average 8 pigs to the sow. I have yearlings that weigh 600 lbs., two-year-olds that weigh 775 lbs., and three-year-olds that weigh from 800 to 900 lbs. My prices are low. Try me. In writing state whether you want Duroc Jerseys or Poland Chinas. W. W. Wheeler, Box H, Harlan, Ia

LARGE Growthy Poland.

I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan R by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

MY herd of Poland Chinas are of the pig type.

My herd boar, Major Blain by Blain's Tec. is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Dodo, and Blain's Tec. Everything guaranteed a breeder. Robt. J. Peckham, Pawnee City, Neb.

POLAND CHINA HOGS.

HERD HEADED BY THREE GREAT
POLAND CHINA
HERD BOARS.

L's Chief 34055, won first in aged class at Iowa State Fair in 1896, and grand sweepstakes over all breeds and classes by a unanimous vote of all exhibitors. He weighed 900 lbs. at two years old and 1,000 lbs. at three years. He is the greatest hog living today. L's Tecumseh Again 51211, the largest boar and the best all around son of the World's Fair hero, L's Tecumseh 20499. J. H. Sanders' Best 43981, the first choice get of the great show hog, J. H. Sanders, that won four first premiums, including sweepstakes, awarded at the Chicago World's Fair in 1893. 100 Top Spring Pigs for sale at \$12 each, sired by the above herd boars. Catalog free. Reference—Montezuma Savings Bank.

REUBEN E. SANDERS,
Proprietor Full Moon Herd Poland Chins.
R. E. D. I., MONTEZUMA, IOWA.

EVERGREEN
Fine Stock Farm.

O. R. Phelps, Taintor, Iowa.

OFFERS some richly bred Poland Chins sired by Chief Sunshine 98689 and O. R. Phelps, 91651. Also pigs by Perfect Shine 9915 4th prize in class at Iowa State Fair 1905, and other good sires. I guarantee satisfaction. Write me for prices. Fall sale October 18th.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE,
IOWA STATE COLLEGE, AMES, IOWA

CHOICE
POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

Pioneer Herd Poland
China Swine.

W. Z. Swallow, Booneville, Ia., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

TOPS.

HAMAKER'S large, rosy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs notakin. If you want size and finish with the blood lines, I have it. The farmer's cry for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

DORR'S POLAND CHINA BOARS.

115 SPRING pigs, 17 cracking good fall boars sired by Dorr's Tecumseh, Keep On and Indiana King. My prices are within reach of all.

HENRY DORR, REMSEN, IA.

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.

DR. H. PRITCHARD, - WISNER, NEB.

Poland China Boars

AT Mike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92453. Address,

T. A. DAVENPORT, HELMONT, IA.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines. Unceda Thickset, a son of this noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Hamilton's Royally Bred Poland.

MY last sale averaged over \$30. My type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Perfection 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.

L. W. Hamilton, Kearney, Neb.

Choice Lot of Spring Boars for Sale.

POLAND Chins sired by Dude's Wonder by Nemo 1's Dude. These pigs are very choice. Also pigs by Moulton and sweetest boar of Nebraska, 96. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall.

Jno. J. Schmal, Sutton, Nebraska.

10 GOOD FALL BOARS

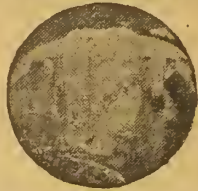
I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as any sows needs. Am pricing spring pigs.

GEO. E. PATCH, Brandegeeville, Illinois.

When writing please mention this paper.

Annual
Offering of **HEREFORD CATTLE** At
Steward, Ill.,

Wednesday,
October 3rd



Wednesday,
October 3rd

60 HEAD--45 FEMALES--15 BULLS

We will present for public appraisal the best lot of Hereford cattle we have ever offered. Breeding cows safe in calf or with calf at foot, heifers safe in calf and a cracking good lot of young bulls. The cattle are from the herds of W. E. Hemenway & Son, Morris Cook and J. M. Grimes, and are a strictly good lot and fully guaranteed in every way. A large number will be the got of the International winners, Masquerader and Disturber. Catalogs on application if you mention this paper.

W. E. Hemenway & Son, Steward, Ill. Cols. R. E. Edmonson, Carey M. Jones and C. E. Gardner, Auctioneers.

WATSON BROTHERS'

DUROC JERSEY SALE Creston, Ia., Wed.,
October 3, 1906.

45 Head in the sale. Fifteen choice Boars, the pick of our herd. Twenty of 45 our very best gilts. The rest brood sows with litters.

The boars that we offer are as good as we have ever raised and there are some herd headers among the bunch. These are sired by Echo, one of the very best sons of Echo King; W. L. A's Choice Goods, and Harding's Proud Advance and the prize-winning boar, Keep On. The gilts are sired by Keep On, Parnell Banner, Red Lack, Harding's Proud Advance, Matchless Chief and Addy's Choice Goods. We are also putting in some good sows with litters by Echo.

Headquarters at the Arcade Hotel. Write for catalog and come to the sale.

WATSON BROTHERS, CRESTON, IA.
COL. DUNCAN, AUCTIONEER.

The Tighe-Wallace Duroc Jersey Boar Sale

Wisner, Neb., Oct. 2, '06. 50 Head. The "tops" of these two herds. A grand lot of fall and spring boars in our sale. 50

JOHN TIGHE'S OFFERING: Twenty-one March and April boars sired by Surprise Chip 37597, Glendale Critic 33293, Echo King, Belle's Echo Prince and Crimson Tom, out of Orion, Proud Advance, Malcolm's Model and Crimson Wonder sows. They are a splendid lot of stretchy, good-boned and growthy boars.

CLARENCE WALLACE'S OFFERING: Nine fall boars, good-backed and big-boned fellows, all sired by Col. Van Patten 37523 by Van's Perfection. These are mostly out of Jumbo Red strain of sows. Fifteen top spring boars by Col. Van Patten, Billy K. Jr., Hamilton's Improver, Red Chief Protection and other good boars. These are out of sows carrying the blood of Red Chief I Am, Indicator and Jumbo Red.

JOHN O'KANE, Bancroft, Neb., puts in a few choice spring boars sired by a son of old Duroc Challenger. For catalog address,

John Tighe, Stanton, Neb. Clarence Wallace, Wisner, Neb. Col. J. L. Luther, Auctioneer.

PUBLIC SALE of Burr Oak Poland Chinas
at Burr Oak Farm, Monday, Oct. 8

40 Head. Seven fall boars, five spring boars, seven mature sows with fall 40 litters, three fall gilts, eighteen spring gilts.

These are the get of Fillmore 29736, got by Chief Tecumseh 3d, and Oak Post 34462, a grandson of Harry Wilkes. The blood of the Tecumseh, Wilkes, Perfection, Black Chif and U. S. predominates. Burr Oak Farm is four miles northwest of Fillmore and about eight miles from Maltland or Nodaway on Burlington Ry., or Rosendale and Savannah on Great Western Ry. If you want the big kind with quality, come and see me. Catalogs sent on request. Address,

JOHN TUTTLE, FILLMORE, MO. J. West Jones, Auctioneer.

POLAND CHINA HOGS.

F. C. Thackaberry,

TAMPICO, ILLINOIS

BREEDER of Poland China swine of the most fashionable strains and popular families. 50 spring pigs of exceptional merit for sale at reasonable prices. Oxford Down rams from imported sire and dam will be priced right considering quality and breeding. Correspondence and inspection solicited.

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by R's Keep On 92218, half brother to Prince Alert and Impudence, sweepstakes boars Iowa State Fair '04 and '05, and Iowa Chief by Ed Klever's Thickset. The best Thickset boar in the west. These pigs are from mature dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn Bulls, 12 to 14 months old, cheap. Bred Sow Sale, Feb. 12, '07.

RUEBEL BROS., ROCKWELL CITY, IA.

ESCHER'S BIG POLAND CHINAS.

I AM now ready to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.

E. F. Escher, Manning, Iowa.

Sandquist Bros.,

OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chins. A splendid lot of boars for sale. Write us for prices.

Males and Gilts for Sale.

FALLS, males weigh 250 to 300, early spring pigs weigh 130 to 150, they are in good breeding condition and healthy. They are bred right and priced right. Farm sold. Write us. Will please our trade. C. C. Drake & Son, Terre Haute, Ill.

PAPILLION HERD POLAND CHINAS.

WE offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 26439. Write for price and catalog.

Wm. Lee & Sons, R. 1, South Omaha, Neb.

POLAND CHINA HOGS.

WALNUT Grove Herd Poland. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are 41 boars

J. C. Hoag, - - Manson Ia.

DUROC JERSEY HOGS.

DUROC JERSEY BOARS

Sired by Carmine Wonder, half brother to Crimson S Wonder, Scarlet Wonder by Pericles, out of a full sister to Crimson Wonder and Belle's Perfect King, son of the great Nebraska Belle. Forty-five of the best boars I ever saw on one farm. Prices low. Try me. In writing, state whether you want Duroc Jerseys or Poland Chinas.

W. W. Wheeler, Box H., Harlan, Ia.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address,

W. A. RANKIN, CARSON, IA.

35 DUROC JERSEY BOARS, sired by Bar None 3530241, Bar None 2d, Grant Hero, and Critic's Echo, out of Gold Dust Jim, Surprise and Glendale Chief sows. I only ship the best. Carl Hansen, Herman, Neb.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd Red Bull Expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.

SETTING SUN Herd of Duroc Jerseys. 20 head of 5 Fells and March boars at prices that will sell them. Address, I. C. Welch, Bedford, Iowa.

DUROC JERSEY HOGS.

ROYAL RUBY

HERD OF DUROCS.

I NOW have a line lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.

GUS A. PEDERSON, OCHEYEDAN, IOWA.

MAPLE AND LAWNSDALE
DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

SHELDON BROS.,

A NEW FIRM. BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS.,

Shannon City, Iowa. Successors to H. C. Sheldon & Sons.

Greene County Herd Duroc Jerseys. OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A's Choice Goods. Write at once.

F. A. STRONG, ORIENT, IA.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,

A. B. Enster & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

Sired by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods. Public sale, October 3d.

Shadelands Durocs

100 SPRING and fall boars by the undefeated 100 sweepstakes, American Royal 15463, and fifteen other leading sires at prices that are right.

Edmonds, Shade & Co., Kingsley, Ia.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head mv herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

CLOVER Blossom herd of Durocs. Herd headed by I. J.'s Chief 12458, 45747a first in aged class at Ind. State Fair 1905. Col. Perfection 16185a, 4575b for sale will make a good fall yearling show. Choice tried sows for sale bred to I. J.'s Chief. Pigs of either sex for sale. Guaranteed. Correspondence promptly answered. I. J. Lorton, Route 35, Union City, Ind.

ENTERPRISE HERD DUROCS

CHOICE spring males by five prize-winning sires for the season's trade. I am now booking orders for future delivery. Address,

A. E. FOUSH, - - CHARITON, IOWA

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings Billy K. Jr., and Frank's Choice by Belle's Echo Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of Golden Pericles, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

EDGEWOOD HERD DUROCS.

FOR SALE, 75 good spring pigs, by Arlon, Junior Jim, Walter G. and others, out of sows by Golden Perfection, Allx Advance, carrying the blood of Proud Advance, Ben Hur H. and others. Edgewood Chief, an Orion hog by Arlon, heads herd. What do you want? Write H. C. Poston, Corydon, Iowa.

FOR SALE.

I AM offering a few Duroc Jerseys, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lehighville Iowa.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. J. RUSSELL, - BLAIR, NEB.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality, F. H. HERRING, R. E. D. 7, Iowa City, Iowa.

DUROC JERSEY HOGS.

MULBERRY GROVE
HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also, Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money.

F. A. HAM, SARONVILLE, NEB.

NOTHING FOR SALE UNTIL OCT. 26.

WHEN I will sell 40 head sired by Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am and other noted sires. Send for catalog.

H. B. GRIFFITHS, BOWEN, ILLINOIS.

Prizeview Herd of Duroc Jerseys. SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell you bred sows for one-half what they cost at public sales last winter. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

State Road Herd Duroc Jerseys

NEW choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

35 DUROC JERSEY BOARS

Sired by my \$300 boar Glendale Jim 33291. S 2d prize boar at the Iowa State Fair. Prices reasonable.

J. S. GOLDER, SCRIBNER, NEB.

GRAND VIEW DUROC JERSEYS.

BOARS by Crimson Wonder Jr. 41103 and Chief I Am. Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.

F. M. HUFF, R. 2, AFTON, IOWA.

DUROC JERSEY BOARS AND GILTS.

Sired by Iowa Chief 37453, King Perfection 16235, Rosewood 31345, Cracker Jack and Roy Advance. Write your wants or come and make your own choice.

W. S. Penn, East Linn Farm, Springville, Ia.

I HAVE THE TOPPIEST
OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

ALL OUR OHIO CHIEF PIGS

Reserved For Our Sale, October 15th. At which time we will offer a grand lot of herd headers. We will sell our herd boar Corn Cracker 14202.

A. L. & D. S. G. LYNCH, MT. AYR, IOWA.

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther R., by Hambletonian (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

PILOT LAD 15153.

QD prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryan, R. R. 1, Neponset, Ill.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great Wineshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - - KENNARD, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

L'S SUNSHINE 37308.

SECOND prize yearling Duroc boar at Sioux City. S heads my herd, assisted by Onward 106001, a son of Keep On. I have a few choice Poland China boars for sale.

A. C. LANHAM, BATTLE CREEK, IOWA.

T. L. LIVINGSTON'S DUROCS. I am offering 1 choice Duroc pigs, sired by Combination Valley Chief, etc., at prices to sell. If you want size and finish, write me. T. L. Livingston, Burchard, Neb.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

EVELAND'S Duroc Jerseys. Four fall boars and a few spring boars for sale, sired by King David 11. 34759, and Modeler's Boy 46359. Also Lad for Me 39335. R. F. D. 1. E. J. Eveland, Jamaica, Iowa.

Boars! Boars! Boars! \$25. Address, Roycroft Stock Farms, Des Moines, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeston, Iowa.

CHOICE Duroc Jersey pigs on approval at \$12.50 and \$15. Eligible to register. Pairs not akin. Address, J. C. Jay, Mount Pleasant, Iowa.

MIDLAND Durocs. 80 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

HILLCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$4 each; pairs not akin \$11.00; trio \$15.00. Hillcrest Farm, Greenwood, Mo.

OCTOBER 2, 1906,

I will sell the TOPS of my BOAR CROP at
... PUBLIC SALE ...
Together With Some Sows With Litters And Open Gilts.

THE Spring Boars in this offering are mostly sired by PROUD ADVANCE 40997, the sire of my 1st prize gilt and 2d prize litter at the IOWA STATE FAIR this year. My herd is strong in the blood of Orion, Proud Advance, Ohio Chief, Top Notcher and other noted sires and the offering will be up-to-date in every respect. A choice pig out of S. E.'s Model IX 114526, sired by Proud Advance 23549, will be sold that day. I will also sell my herd boar Audubon 21969, a three-year-old hog of great substance and finish and as vigorous as a pig. Twice a winner of sweepstakes over all breeds, two consecutive years at the Audubon County Fair. This offering will consist of 8 sows with litters, 7 open gilts, 11 yearling boars and 23 spring boars. Will be pleased to answer all inquiries and to see you here sale day. Bids may be sent to Auctioneer or Clerk in my care. Free accommodation at Park Hotel, Audubon; free livery to farm sale day.

JOHN WEIGHTON, - - AUDUBON, IOWA.

Col. F. F. Luther, Auctioneer. John A. Nash, Clerk.

Maple Grove Short-horns

AT AUCTION
.... Saturday, October 6th, at Lafayette, Illinois

45 HEAD---35 Cows and Heifers, 10 Bulls.

A very nice lot of heifers by Baron's Champion, one of the best sons of Baron Gloster, should prove valuable additions to Short-horn herds.

I am offering for sale my two herd bulls, Baron's Champion and Gwendoline Victor, both Scotch bulls of exceptional merit. Gwendoline Victor was a winner at world's fair and International, and was the highest-priced short-horn bull sold at 1904 International. A number of the cows have calves at foot or are safe in calf to above-named bulls. Write for catalog, mentioning Homestead.

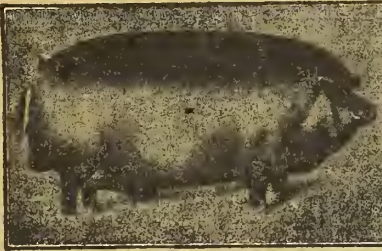
A. M. Janes, - - Lafayette, Ill.

GEO. P. BELLOW, AUCTIONEER.

DUROC JERSEY HOGS.

OHIO CHIEF 8727, THE GREATEST LIVING DUROC JERSEY SIRE. OWNED BY

R. J. Harding,
Macedonia, Ia.
PUBLIC SALE,
October 3, '06



AT which time I will offer a splendid lot of Ohio Chief, Orion and Proud Advance boars for sale.

O. E. Osborn,
Weston, Ia.
PUBLIC SALE,
October 4, '06

AT which time I will offer a grand lot of Ohio Chief boars for sale. Remember the dates.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads G herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

G. T. ROGERS, PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's 1st, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

CRIMSON WONDER I AM 34697

CHAMPION AND SIRE OF CHAMPIONS. A choice lot of boars and gilts by this great sire for sale. Some excellent prospects in the herd. Address,

U. G. DAVIDSON, - - - MANSON, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 114526b. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Boar Sale Oct. 2. Bred Sow Sale Jan. 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WEIGHTON, AUDUBON, IOWA.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Critic. Prospective winners here for next year. Write at once.

A. W. LAMB, - - - MONROE, NEB.

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Echo. }
W. A. STAPLES & SONS, } Sow sale February 25. } Inspection invited. 125 pigs. Write us. }
GLIDDEN, IOWA.

DUROC JERSEY HOGS.

GOLDEN DUROCS
HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

BUDDY K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, ILL.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On 1137331, Gen's Top Notcher 34039, A Top Notcher 25723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12345a, Choice Goods 22851, J. I. C. 38339, Buddy K. IV 20861, Indiana 20753, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40793, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11889, J. B. J., Big I Am 29895. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.

MCNEIL BROTHERS, BOWEN, ILL.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

2D prize boar in 18 months class Iowa Fair, 1905. 2 Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tientien, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

40 HEAD
FALL & SPRING
DUROC JERSEY
BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausa, Neb.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address

ALBERT BELL, LAKE CITY, IOWA.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm Lawn Top Notcher and Elm Lawn Orion. The dams are equally as well bred. If you want good, useful Durocs write me.

Chas. Sobotka, - - Calvesville, Mo.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices.

M. A. McWilliams, Wall Lake, Iowa.

112 CHOICE DUROC JERSEYS 112.

Sired by Duroc Challenger's Wonder 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

WELCH'S
POPULAR
PRICED
DUROC
JERSEYS

I HAVE 90 choice spring pigs sired by a grandson of Proud Advance and a son of Pericles out of Polstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address,

S. I. Welch, Cherokee, Ia.

ALFALEA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection, 11571; some tried sows bred to Royal Prince 41911; that raised good litters last spring and are due to farrow in September, and a few full boars by Van's Perfection and Jumbo Chief 19899, for sale.

F. ALLDRITT, FRIEND, NEBRASKA.

PIONEER HERD DUROCS.

ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, Arch Brown & Sons, Waterloo, Nebraska.

Peek & Putman's Durocs, Tecumseh, Neb.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Ed's Improver, Gifford's Orion, Chicago Kid. Fall sale Sep. 20th. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.

W. J. East & Son, Clay Center, Neb.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address,

Norriah & Bevington, Kingsley, Ia.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced head leaders. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

THREE DAYS SALE OF PURE BRED CATTLE

AT SPENCER AND DICKENS, CLAY CO., IOWA.

Aberdeen Angus

Wednesday, Oct. 10, 1906.

I will sell fifty Angus cattle---forty-five females and five bulls, at my farm one mile from Dickens.

Wm. Hansen, Prop., Dickens, Iowa.
Wm. Mincer, Mgr., Spencer, Iowa.

COLS. SILAS IGO, PINNEO AND SHARTLE,
Auctioneers.

Short-horns

Thursday, October 11, 1906.

I will sell at my farm 6 miles north of Spencer, 50 Scotch and Scotch Topped cattle. Some choice bulls, 33 females, 6 Scotch Dorothys. For catalog write,

J. H. Graham, - - Spencer, Iowa.

COLS. WOODS, RITCHEY AND PINNEO,
Auctioneers.

Short-horns

Friday, October 12, 1906.

The Clay Co., Iowa, Poor Farm will disperse its herd of 50 registered Short-horns---10 bulls and 40 females. For catalog write,

A. McConnell, - - Spencer, Iowa.

COLS. WOODS, RITCHEY AND PINNEO,
Auctioneers.

DUROC JERSEY HOGS.

Fall Sale Oct. 31, 1906.

Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Firm three-fourths mile from depot. Fagan, Brownling, Hess & McCabe, Hershman, Ill. Sale Average \$116.48.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Beat, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 18th.

JOHN M. MORRISON & SONS,
COLLEGE VIEW, NEBRASKA.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address, J. E. WEHR, PORTSMOUTH, IOWA.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, rooney type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY G. WARREN, INLAND, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

30 DUROC JERSEY BOARS 30

Sired by Duke of Ohio 39529, Geo. Hur 40451, Al-Son 40819, and by a son of Crimson Wonder. Pigs by Ulster Chief 11423. Low prices for the quality.

M. M. ELMENDORF, LACONA, IA.

Minnesota's Prize Winning Duroc Jerseys

I WON eight and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable.

Wm. Malcolm, Blaglow, Minn.

MAY & PORTER,

REMINGTON, IND.
MAYOR'S CHIEF 40727 and Top Notcher Best 37685 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 24, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

Shamrock Herd of Duroc Jerseys

OF prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief 11, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,

GEO. W. SECKMAN, RIPLEY, ILLINOIS.

40 DUROC-JERSEY BOARS 40

Sired by 1st prize yearling boar at the Nebraska State Fair. Litter brother to the great sweepstakes sow Alix 20, that sold for \$740. 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair.

Pigs by other well-known boars. If you want a herd header, write me.

AUSTIN RENSJAW, BLAIR, NEB.



TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN, LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY, - - OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 25793, by Orion 5393; dam Rose Bud 50188 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sons of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains. Address,

T. A. McMAHON, - - CRAIG, NEBRASKA

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WON more prizes at Indiana and Ohio state fairs 1906 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We cull closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 23, 1906. Kindly mention Homestead when writing.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG, LINCOLN, NEB.

Thos. Bennett,

Rossville, Ill.

HOMES again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

DUROC JERSEY PIGS FOR SALE.

80 MARCH pigs by Roy Advance, Malcolm's Model 2d, and Gold Standard. Also have four good fall boars and will sell Gold Standard, two years old. I have one litter by Manley Orion. Brood sows mostly by Billy K. W. J. Hartung, Maxwell, Ia.

MINNESOTA'S HERD OF DUROCS

FOR SALE--One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars--herd headers among them. Let me hear from you. Harmon Gruber, Brewster, Minn.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee, Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

ETHELWIND 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimson Wonder), Lott's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.

W. J. WENDT, MARCUS, IOWA.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others.

CHAS. VAN PATTEN, SUTTON, NEB.

When writing please mention this paper.

TWO GREAT OHIO CHIEF SALES

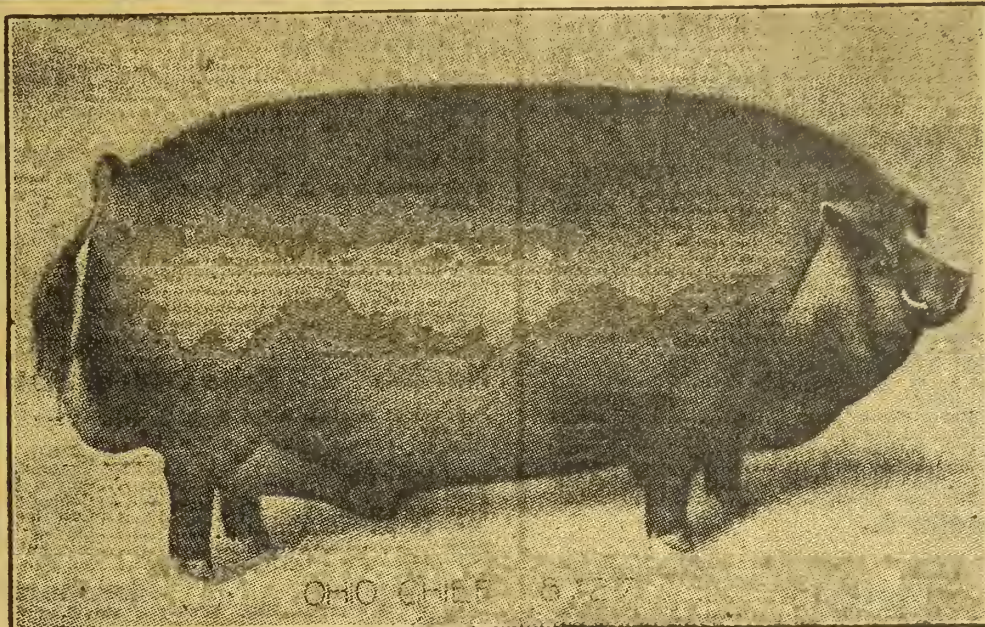
The Cream of the Duroc Jersey breed
will be offered in these two great sales at

CARSON, IOWA, WEDNESDAY AND THURSDAY, OCTOBER 3 AND 4, 1906.

HARDING'S OFFERING

35 HEAD TOPPY
... BOARS ... 35

10 Spring and fall gilts
sired by Ohio Chief, Orion,
Proud Advance and Bell's
Perfect King, out of
Proud Lady, the 1,200 lb.
sow, Nebraska Bell, the
great sweepstakes sow,
and other great sows that
are noted in my herd.
For catalog address.....



The noted show and breeding boar. 1st prize winner at the great World's Fair. Considered one of the greatest living Duroc Jersey sires.

OSBORN'S OFFERING

40 HEAD OF MY
.... TOPS 40

30 boars, 6 fall boars,
rest spring boars, 3 year-
ling sows bred to the
great Ohio Chief, 1 aged
sow bred to Ohio Chief,
8 Ohio Chief spring boars
and 2 Ohio Chief spring
gilts. The rest of the
boars will be sired by
Indicator, Brigg's Prince
and Miss Bob's Wonder.
For catalog address.....

R. J. Harding, Macedonia, Ia. - - O. E. Osborn, Weston, Ia.

Col. T. C. Callahan, Auctioneer---When writing for catalog kindly mention Iowa Homestead.

Dispersion of Woodland Short-horns

AT WASHINGTON C. H., OHIO, THURSDAY, OCT. 18th.

100
..HEAD..

Cattle of the
useful sort to
suit any breed-
er. For catalog
write to



CONSISTING of imported
and home bred Scotch,
Scotch Topped and pure
Bates sorts, including the get
of Imported First-in-the-Ring
162100 (sire of Master-of-the-
Ring sold for \$1,705; Choice-
of-The-Ring sold for \$1,550,
and Lord-of-The-Ring for
\$1,000, the three highest
priced bulls, the get of one
sire, bred and sold in United
States in 1902). Choice-of-
The-Ring 187237, Nominee
(champion over all breeds at
Omaha 1898), Imported
Scotsman 195164, Bapton
Admiral 157704, Scottish King
177889, Imported Scotch Mist
157620, Woodland Sultan
214546, and other noted bulls.

W. I. WOOD, - - WILLIAMSPORT, OHIO.

COLS. WOODS, BARCLAY AND URTON, AUCTIONEERS.

SIXTH ANNUAL SALE OF SHORT-HORN CATTLE

From the Wayside Herd of Geo. H. Burge, Mt. Vernon, Ia., October 5th.

On the above date I will sell 44 head of the choicest Short-horns ever offered in Linn County. Thirty-five head are females and 9 head are bulls, the larger portion of the females being straight Scotch or of Scotch extraction. Included in this sale will be the major portion of my show herd at the Iowa and other State Fairs for 1906. I will sell the get of and cows bred to the 2d prize winning bull at the Iowa State Fair of 1906, Money Musk. As this is the best offering of cattle that I have ever been able to put before the public I trust that lovers of Short-horns will find time to attend this sale and if they cannot help me, they will at least help themselves to some of the many plums that I am listing in this sale. I have no apology to make for this sale. I simply need the money that these cattle represent and trust that all my friends and neighbors, as well as my enemies, will come and buy these cattle just as cheap as they can. All parties from a distance will be entertained at the beautiful Altoona Hotel at Mt. Vernon and will be taken to and from the farm free of charge. Dinner will be served at noon at the farm. Sale will commence at 1 o'clock sharp.

Herd Bull. Acrobat 152554. For Sale.

Red; calved Sept. 5, 1899. Bred by S. H. Thompson & Sons, Iowa City, Iowa. Owned by G. H. Burge. BREEDER.

SIRE Got by Victor Mysie 2d 12471. S. H. Thompson & Sons
Lord Mysie 104121. S. H. Thompson & Sons
Royal Duke of Pleasant Ridge 36839. R. Milne
Imp. Favorite 56041. W. Duthie
Imp. Favorite 56041. W. Duthie
Duke of Chalmers (36052). J. Outwaite
Prince Alfred (27107). T. E. Pawlett
Caesar Augustus (35704). A. Cruickshank

No. 7. Nonpareil of Wayside 6th.

Red; calved Jan. 12, 1905. Bred and owned by G. H. Burge. BREEDER.

SIRE Got by Money Musk 186542. G. H. Burge
Orange Chief 124199. A. Harrah
Prince President 2d 116890. G. Lyle
Prince President 77023. A. Cruickshank
Vermont (78225). J. Bowman
Borough Member 64872. Mr. Lambert
British Prince 64874. S. Campbell
Duke (22612). A. Cruickshank
Diphthong (17681). A. Cruickshank
Lord Sackville (13249). A. Cruickshank

No. 10. Princess of Wayside.

Red; calved Dec. 27, 1904. Bred and owned by G. H. Burge. BREEDER.

SIRE Got by Money Musk 186542. G. H. Burge
Imp. Lauderdale 99020. A. Cruickshank
Imp. Thistle Top 83876. A. Cruickshank
Orange Lad 46673. John Dryden
Scotland Pride (25100). A. Cruickshank
The Czar (20947). A. Cruickshank

No. 16. Lavender B.

(Recorded in Vol. 64.)
Red; calved Aug. 25, 1903. Bred by C. S. Barclay & Sons. Owned by G. H. Burge. BREEDER.

SIRE Got by Iowa Champion 175584. C. S. Barclay
Banner Pro 124047. Cookson Bros.
Lord Lancaster 8h 116299. Barr & Son
Double Gloster 85526. Wm. McGill
Gondolier (62956). A. Cruickshank
Dunbrane (47792). A. Cruickshank
Pride of the Isles (35072). A. Cruickshank

Write for catalog to

COL. GRIFF JOHNSON, AUCTIONEER,
ASSISTED BY E. S. JOHNSON.

No. 26. Beauty 55th of Maine Valley.

Red; calved Aug. 27, 1904. Bred by Chandler Jordan. Owned by G. H. Burge. BREEDER.

SIRE Got by Prince Nonpareil 131222. J. R. Crawford & Sons
Golden Crown 98258. J. I. Davidson
Royal Prince of M. V. 113628. C. Jordan
Confessor 65542. A. Cruickshank
Royal Brampton 94949. A. Cruickshank
Stanley 2d 21128. John Dryden
Beauty 7th of M. V. A. Cruickshank
Breadalbane (28073). A. Cruickshank
Beauty 5th of Maine Fairy Duke 19741. J. Snell
Beauty 3d Glen Dhu 18721. Wm. Miller
Imp. Nerissa 11th Hamlet (8126). J. Booth

No. 20.

Mysie Gem 3d.

(Accepted for Record.)

Red; calved May 15, 1904. Bred by C. S. Barclay & Sons. Owned by G. H. Burge. BREEDER.

SIRE Got by Allison 2d 172459. W. S. Bell
Commodore 118477. H. D. Parsons
Home Secret 103632. Cookson Bros.
Pro Consul 54510. A. Cruickshank
Baron Glencoe 65120. A. Cruickshank
Village Boy 25099. J. I. Davidson
Crown P. of Athelstane 2d 16585. D. Christie
Scotland's Pride (25100). A. Cruickshank
Champion of England (1756). A. Cruickshank

No. 22. Rose 24th of Maine Valley.

Red, white marks; calved Sept. 21, 1904. Bred by Chandler Jordan. Owned by G. H. Burge. BREEDER.

SIRE Got by Victoria's Pres. of M. Valley 208996. Jordan
Golden Crown 98258. J. I. Davidson
Golden Crown 98258. J. I. Davidson
Confessor 65542. A. Cruickshank
Stanley 2d 21128. John Dryden
Breadalbane (28073). A. Cruickshank
Prince of Worcester (20597). W. Fletcher

No. 1. Floradora.

Red; calved Sept. 16, 1903. Bred and owned by G. H. Burge, Mount Vernon, Iowa. BREEDER.

SIRE Got by Money Musk 186542. G. H. Burge
Gwendoline Lad 149009. E. B. Mitchell & Sons
Gavenganze 144786. John Isaac
Breadalbane 144787. R. Thompson
Imp. Venturer 125274. S. Campbell
Sir T. C. Booth 110263. Wm. Leentlin
Imp. Beauty 15th Heir of Englishman 21505. G. R. Barclay

GEO. H. BURGE, MT. VERNON, IOWA.

Sweepstakes Boar Offering

IMPROVE YOUR HERDS BY INVESTING HERE.

The Brown & Mickey sale of **Choice Durocs**
AT OSCEOLA, NEB., OCT. 10th.

Choicely Bred Lot of Boars & Gilts

Offering Strong in Blood of

Sweepstakes Boar, Red Knight 25199.

The Tops From our Two Herds. Profitable Offering in all Respects.

E. J. Brown consigns offering strong in blood of Red Knight, Crimson Wonder, Belle's Echo.

O. E. Mickey's offering strong in blood of Homestead Gold Dust, sired by Gold Dust Jim, Belle's Echo, and Red Knight.

Our offering of Duroc Jerseys on Oct. 10th will be the tops from our two herds. We have decided to make this sale one to be remembered by all and to do this we realize that the tops must be included. Our boar offering will give ample opportunities to select choice prospects. The offering will represent as much prize winning blood as will go through any sale this season. Red Knight was first and sweepstakes winner at Nebraska State Fair 1905. Belle's Echo is the son of Echo King and is out of the great Nebraska Belle. Homestead Gold Dust was sired by Gold Dust Jim. We would be pleased to mail you one of our catalogs. If unable to attend the sale send your bids to G. W. Segrist, representing this paper, or the auctioneer. Look up field note.

E. J. BROWN,

T. C. Callahan, Auct.

O. E. MICKEY,

Osceola, Neb.

F. A. Schaefer & Sons

Scotch and Scotch-topped

SHORT-HORN SALE.

Raleigh, Ia., October 17, 1906.

50 HEAD. 40 Cows and Heifers and 10 Bulls.

About 16 head of Scotch cattle, including the imported cow, Celia 9th, and our Scotch bull, Bridal Archer.

IN our sale will be found some of our very best cattle representing such choice and well known families as Duchess of Gloster, Orange Blossom, Miss Ramsden, Gwendoline and other popular families. There will be a choice lot of young heifers in the sale, and some good young bulls, including Sittytton Archer, a son of our great herd bull, Choice of Archers. We think here is the best young bull we have ever raised. The rest will be Scotch-topped on the very best foundations. Several of the cows will have calf at foot by Choice of Archers and the most of them will be bred to him. Those who are looking for good cattle are invited to attend our sale. Write for catalog at once and mention Iowa Homestead. Address,

F. A. SCHAEFER & SON,

RALEIGH, IA.

Col. Geo. BELLows, Auctioneer.

B. G. Stark, Livermore, Ia., sells a choice draft from his herd at Humboldt, Ia., October 16. Parties can attend these two sales very conveniently.

Draft Sale of Short-horn Cattle

At SOLON, IA., OCTOBER 4th

42 Head From Waveland Herd

Scotch and Scotch Topped, Lavenders, Gwendolines, Columbia or Claret, Miss Ramsden, Lovelys, Acanthus, Raspberry, Orange Blossom, Princess Royal, etc. Have been breeding short-horns 20 years. My entire Show Herd is included, 30 Females 12 Bulls. The best lot of bulls I ever offered. Sale will be held at the farm 4 miles southeast of Solon.

Royal Scot.			
Red; calved Oct. 31, 1904. Bred by Waveland Farm.			
DAM.	SIRE	BREEDER.	
3d Princess R. of Cherry G.	Got by Golden Rod 150479	C. E. Clarke	
Princess R. of Cherry Grove	Imp. Spartan Hero 77932	A. Cruickshank	
Imp. Princess Royal 6th	Royal D. of Pleasant Ridge 36889	R. Milne	
Geranium	Border Chief (37874)	W. S. Marr	
Garland	Pride of the Isles (35072)	A. Cruickshank	
Graceful	Scotland's Pride (25100)	A. Cruickshank	
Grandiflora	Baronet (15614)	A. Cruickshank	
Flora	Lord Sackville (13249)	A. Cruickshank	
Jessica	Fairfax Royal (6987)	W. Torr	
Venus	Premier (608)	Capt. Barclay	
Dairymaid	Saturn (6080)	Hon. J. Simpson	
	Favorite (6997)	Not given	

Waveland Gwendoline.			
Red; calved Oct. 18, 1903. Bred at Waveland Farm.			
DAM.	SIRE	BREEDER.	
Gondola's Gift	Got by Golden Rod 150479	C. E. Clarke	
Gondola	Gaveston 112058	W. A. Harris & Son	
Genevieve	Minatour 112944	D. Shehan & Sons	
Imp. Gwendoline	Double Gloster 85526	Wm. Magill	
	Baron Violet (47444)	A. Cruickshank	

Waveland Lovely 4th.			
Red and white; calved Jan. 10, 1905. Bred at Waveland Farm.			
DAM.	SIRE	BREEDER.	
Waveland Lovely 3d	Got by Sunrise 22422	W. P. Nichols	
Lovely Lassie of Maine Valley	Golden Rod 150479	C. E. Clarke	
Lovely Lassie	Golden Crown 98258	J. I. Davidson	
Imp. Lovely 25th	Imp. Favorite 56041	Wm. Duthie	
	General Windsor (28701)	T. Willis	

Royal Victor 243018.			
Red; calved April 23, 1903. Bred by S. H. Thompson & Sons, Iowa City, Iowa.			
DAM.	SIRE	BREEDER.	
3d Princess R. of Cherry G.	Got by Victor Raphael 162935	S. H. Thompson & Sons	
Princess R. of Cherry Grove	Imp. Spartan Hero 77932	A. Cruickshank	
Imp. Princess Royal 6th	Royal D. of Pleasant Ridge 36889	R. Milne	
Princess Royal 2d	Border Chief (37874)	W. S. Marr	
Princess Royal	2d Heir of Englishman (34128)	W. S. Marr	
	Grand Prince (26308)	A. Cruickshank	

Waveland Louisa.			
Red; calved Oct. 12, 1905. Bred at Waveland Farm.			
DAM.	SIRE	BREEDER.	
Louisa 3d	Got by Golden Rod 150479	C. E. Clarke	
Louisa	Sunset 121296	John McHugh	
Pride	Duke of Gloster 111662	A. & G. Davidson	
Louisa 8th	Statesman 105632	C. Jordan	
Louisa 3d	Athelstane 21st 78748	J. I. Davidson	
Louisa 2d	Prince Arthur 46779	Joseph Moffat	
Imp. Louisa	Proud Duke 8879	J. O. Sheldon	
	Nobleman (26967)	S. Campbell	

Waveland Acanthus.			
Red; calved Sept. 22, 1905. Bred by E. Funke, Greenfield, Iowa.			
DAM.	SIRE	BREEDER.	
Acacia 10th	Got by Prince Missile 178131	J. D. McDermott	
Acacia 4th	Golden Champion 135500	Forbes Bros.	
Acacia	Royal Wimple 120988	W. Cummings & Son	
Acacia	Imp. Earl Marshal 92167	Wm. Duthie	
Acacia	Imp. Favorite 56041	Wm. Duthie	
Imp. Canthus	Barmpton 45246	A. Cruickshank	

Waveland Rose 2d.			
Red; calved May 18, 1893. Bred at Waveland Farm.			
DAM.	SIRE	BREEDER.	
Rose 17th of Maine Valley	Got by Golden Rod 150479	C. E. Clarke	
Rose 12th of Maine Valley	Prince Noparell 131222	J. R. Crawford & Son	
Rose 5th of Maine Valley	Golden Crown 98258	J. I. Davidson	
Rose 2d	Imp. Confessor 65542	A. Cruickshank	
Rose	Stanley 2d 21128	John Dryden	
Imp. Raspberry	Breadalbane 11429	Wm. Torr	
	Prince of Worcester (20537)	W. Fletcher	

Orange Blossom 8th.			
Dark roan; calved April 27, 1902. Bred by A. S. Brown, Solon, Iowa.			
DAM.	SIRE	BREEDER.	
Orange Blossom 3d	Got by Star of Riverside 151408	T. Russell & Son	
Orange Blossom of Cedar Pk.	Home Victor 113636	Cookson Bros.	
Orange Blossom C.	Ben Lomond 96317	John Norris	
Orange Blossom A.	Statesman 95338	C. W. McCune	
Orange Blossom of Cedar 15th	Duke of the Lake 19616	Geo. Murray	
Orange Blossom of Cedar 5th	Duke of Kent 2d 41796	O. W. F. S. Assn.	
Imp. Orange Blossom 18th	O. Blossom's Br'stplate 42282	A. E. Kimberly	
	Viceroy (32764)	A. Cruickshank	

Gondolier.			
Red; calved Jan. 22, 1905. Bred at Waveland Farm.			
DAM.	SIRE	BREEDER.	
Gondola's Gift	Got by Golden Rod 150479	C. E. Clarke	
Gondola	Gaveston 112058	W. A. Harris & Son	
Genevieve	Minatour 112944	D. Shehan & Sons	
Imp. Gwendoline	Double Gloster 85526	Wm. Magill	
	Baron Violet (47444)	A. Cruickshank	

Prince Ramsden.			
Red, little white; calved May 10, 1905. Bred by E. Funke, Greenfield, Iowa.			
DAM.	SIRE	BREEDER.	
Miss Ramsden 16th	Got by Golden Champion 138530	Forbes Bros.	
Miss Ramsden 12th	Prince President 2d 116820	Geo. W. Lyle	
Miss Ramsden 11th	Lord Lavender 99196	Wm. Duthie	
Miss Ramsden 9th	Royal Booth 2d 94957	Chas. Morgan	
Miss Ramsden 8th	Prince 100032	J. Thomson	
Miss Ramsden 6th	Royal Duke 49224	S. Campbell	
Imp. Miss Ramsden 3d	Breadalbane (28073)	A. Cruickshank	
	Nobleman (26967)	W. Smith	

J. B. BROWN, Owner, Solon, Iowa.

COL. GRIFF JOHNSON, AUCTIONEER.

E. Cosgriff sells Short-horns at Clarence, Ia., Oct. 2d.
G. H. Burge sells at Mt. Vernon Oct. 5th.

Double Standard POLLED DURHAM CATTLE

To be Sold at

Public Auction

OCTOBER 5, 1906

In the Stock Yards, South Omaha, Nebraska, at

1 O'clock P. M.

50 Head of Cows and Bulls

M. Rau, Harlan, Iowa; D. L. Pond, Inman, Neb.; John Renswick, Boyden, Iowa; Shaver & Deuker, Kalona, Iowa, Contributors.

**L. G. Shaver, Kalona, Ia.,
MANAGER.**

Cols. Woods, Walker, Shaver, Auctioneers.

A. J. Podendorf's Great Iowa Sunshine Offering

at the KIEHL LIVERY BARN.

COUNCIL BLUFFS, IOWA,

Friday, October 12, 1906.

**20 CHOICE
BOARS**

Iowa Sunshine 22985

**My very
best Sows 20**

INCLUDING my entire show herd, together with my second prize Iowa Sunshine boar pig at the Iowa State Fair, with fifty-two in the ring. This is one of the greatest pigs of the year, and here is a herd-head-er and a show hog for some good breeder next season. Nearly all of my offering will be sired by my great sire of prize-winners, Iowa Sunshine, considered to be one of the greatest sires of show stuff in the West. I am putting in this sale some of my very best sows, many of which have been winners at the Iowa and Nebraska State Fairs. I am also putting in the dam of some of my best winners. Iowa Sunshine boars have made a reputation for themselves and I am putting in my very best in this sale. Send bids to M. T. White, of The Homestead, in care of Mr. Podendorf. Catalog now ready. Address,

A. J. PODENDORF,

**J. WEST JONES & J. A. BENSON,
Auctioneers.**

LOGAN, IOWA.

DISPERSION OF
R. G. Robb & Son's
HERD OF

SCOTCH SHORT-HORN CATTLE

AT SALE PAVILION IN MORNING SUN, IOWA.

On October 18th, we will disperse our entire herd of 50 Head of Scotch and Scotch Topped Short Horns, to dissolve partnership, R. G. Robb retiring. T. J. Robb & Son will start again in the business. 23 Scotch, (3 Imp.) 30 females, 12 cows, with calves at foot, 2 herd bulls. Imp. Clan Craibstone 227550 and Graceful Archer 224034. The following sample Pedigrees will show the character of our breeding:

Lot 14 GRACEFUL OF ORCHARD FARM.

Red, little white; calved June 2, 1898. Bred by C. S. Barclay.
Got by Iowa Scotchman 124038.....Cookson Bros.
GracefulGaveston 112058W. A. Harris & Son
Grace DarlingChieftain 102159John McHugh
GenevieveDouble Gloster 85526Wm. McGill
Imp. GwendolineBaron Violet 90446A. Cruickshank

Lot 4 GOLDEN BEAUTY

Roan; calved Jan. 4, 1903. Bred by R. G. Robb & Son.
Got by Imp. Golden Archer 149821.....R. Copeland
Imp. Craibstone Beauty 6th.....Craibstone 135226.....A. C. Pirie

Lot 18 LAVENDER BLOSSOM OF BEAVER CREEK.

Red; calved Aug. 22, 1899. Bred by A. P. Downs.
Got by Duke of Oakland 2d 118945.....Crawford & Son
Lavender Blossom of BluffviewGaveston 112058W. A. Harris
Imp. Lavender 52dGondoller (52956)A. Cruickshank

Lot 17 ORCHARD FARM VICTORIA 3d.

(Accepted for Record.)
Red; calved Jan. 10, 1904. Bred by C. S. Barclay & Sons.
Got by Iowa Champion 175588C. S. Barclay
Victoria 15thGaveston 112058W. A. Harris
Victoria of Glenwood 10thImp. Earl Marshal 92167Wm. Duthie
Victoria VeechImp. Favourite 56041Wm. Duthie
Imp. Victoria 73dRoan Gauntlet (35284)A. Cruickshank

Lot 7 IMP. AUGUSTINA 3d.

Red; calved Nov. 23, 1899. Bred by Lady Cathcart, Aberdeenshire, Scotland.
Got by Royal Pride 187633Wm. Duthie
Augusta 37thBanadullae (56843)J. Bruce
Augusta 11thCetewayo (49244)A. Cruickshank
Augusta 7thPrivy Seal (50268)A. Cruickshank
Augusta 2dLe Premier (56010)J. Bruce
Augusta 1stDauphin (49366)G. Shepherd
AugustaPremier (56298)J. Whitehead
AugustaLord Adolphus Fairfax (4249).....Whitaker

Lot 6

PLEASANT VIEW VICTORIA.

Red; calved June 24, 1891. Bred by Thompson & Sons.
Got by Blue V'y Duke 3d 96402.....W. P. Higginbotham
Victoria Veech 4thImp. Earl Marshal 92167Wm. Duthie
Victoria VeechImp. Favourite 56041Wm. Duthie
Imp. Victoria 73dRoan Gauntlet (35284)A. Cruickshank

Lot 48 (Bull)

EXEMPLAR.

(Sent for Record.)
Roan; calved Aug. 31, 1905. Bred by J. T. Carithers, Mgr., Morning Sun, Iowa.
Got by Exemption 232105A. Alexander
Imp. AnemoneSir William (71630)Jas. Thompson
Roan; calved March 1, 1902. Bred by George Argo, Crichnielead, Fyvie, Aberdeenshire, Scotland. Imp. by Arthur Johnson, Greenwood, Ont.

Lot 44 (Bull)

IMP. CLAN CRAIBSTONE 237550.

Got by Clan Forbes (78596)A. Watson
Imp. Craibstone Beauty 6thCraibstone 135226A. C. Pirie

Lot 45 (Bull)

GRACEFUL ARCHER 224034.

Red; calved Jan. 1, 1904. Bred by R. G. Robb & Son.
Got by Golden Archer 149821R. Copeland
Graceful of Orchard FarmIowa Scotchman 124038.....Cookson Bros.
GracefulGaveston 112058W. A. Harris & Son
Grace DarlingChieftain 102159John McHugh
GenevieveDouble Gloster 85526Wm. McGill
Imp. GwendolineBaron Violet 90446A. Cruickshank
GeraniumPride of the Isles 45274A. Cruickshank
GarlandScotland's Pride (25100)A. Cruickshank
GracefulBaronet (15614)A. Cruickshank
GrandifloraLord Sackville (13249)A. Cruickshank
FloraFairfax Royal (6987)Mr. Torr
JessicaPremier (6308)John Simpson
VenusSaturn (5089)John Simpson
DairymaidFavorite (6997)Mr. Smith
Grindon (3942)Mr. Smith

JONES, BELLOWS and BROWN, Auctioneers.

R. G. ROBB & SON,

FREE ENTERTAINMENT AT HOTEL HUNGATE.

MORNING SUN, IOWA.

SALE OF SHORT-HORN CATTLE

BY J. Z. WILLSON AT

...MORNING SUN, IOWA, OCTOBER 10, 1906...

On the above date I will sell in the new pavilion 57 head of Short-horn cattle, 47 of which are females and 10 bulls. These females are all reds and all well Scotch Topped. They are largely of the Ruby family, topped out with such grand good bulls as Scotchman 128117, Lord Nonpareil 225698, Village Prince 161575, Darnley's Best 232104, Lord Darnley and Plumed Knight, the last named being the best Cruickshank bull that ever did service in or around Morning Sun. He was got by Knight of Orleans, a son of Craven Knight and out of Imp. Gwendoline by Baron Violet. It will be thus seen that the bulls in the top of these pedigrees are some of the best Scotch bulls that the country has seen in many years. These cattle will be sold fresh from the pasture without any special fitting and no surplus flesh. The writer has had the pleasure of looking over this entire offering quite recently and regards them as a very rapid breeding herd as well as being heavy milkers throughout. Mr. Willson guarantees all females breeders when properly cared for. A certified copy of each and every lot sold will be furnished on day of sale signed by the Secretary of the American Short-horn Breeders Association. Mr. Willson is a plain, practical farmer and breeder and has made no effort to place these cattle in strictly thick, fancy sale condition. However, they are in condition to breed rapidly and to give best results to their new owners. One seldom sees a bunch of cows of like number with as many calves at foot or just ready to drop calves as can be seen in this offering. The herd is in thrifty breeding condition and will afford a golden opportunity for the young breeder to start a herd cheap, as well as getting into a family of very rapid breeders and heavy milkers. It is this same family that Mr. W. T. Clay, of Plattsburg, Mo., made his reputation on. Mr. Clay started with one Ruby cow and in 17 years from her and her produce, had produced 237 head. Fully 15 of the cows listed have calves at foot and a number of others will have calves by sale day. Concerning the milking qualities of these cattle, one of the cows listed in the sale gave 1100 pounds of milk in 30 days. This cow was Ruby 3d by Dick Bly 2d. The present bull to which these cows are bred is Prince Joyful 262020. He is a son of Emma's Prince and he out of the great \$1700 cow Emma 17th. The dam of Prince Joyful was Anemone 2d by Count Joyful. As has been before stated, it is pre-eminently a red offering. We do not speak of this because of the reds being superior to the Roans or Whites, but because of the fad for Reds in the minds of some. To any one who is tenacious for the red colors Mr. Willson's offering affords them a splendid opportunity to secure the color of their choice. His catalog is out and ready for distribution and may be had for the asking by simply mentioning The Homestead. In our next issue we shall have something to say concerning the bull offering and particularly some Scotch bulls that are listed in the sale.

ANNUAL SALE

of 55 Short-horn Cattle

AT OUR FARM, 3 MILES EAST of

CHARLOTTE, CLINTON COUNTY,

IOWA, ON OCTOBER 11, 1906.

WE will sell 43 cows and heifers and 12 bulls. Four sons of Imp. Merry Hampton. Ten yearling heifers, 8 two-year-old heifers. A large number of cows with calves at foot. Nine of our 12 show cattle are included, which we won with at Dubuque and De Witt, Ia., and Morrison, Ill. The chance of a lifetime to get good cattle cheap. Address for catalog,

Lanaghan Bros., Charlotte, Ia.

Col. Griff Johnston, Auctioneer.



HOG CHOLERA A GERM DISEASE.

If any animal disease is to be skillfully combated, half the battle is in knowing the nature of the disease. In the case of hog cholera we have to do with a disease that is communicated through the medium of germs. This is a fact that should be pondered over by every man who keeps hogs. These germs, or bacilli, can live in the ground for a period of three months. They are not visible to the naked eye, though the action of some men we have known would indicate that because the germs do not trip them up when they are going around the yards they are not there.

It should be borne in mind that cholera germs are carried about from place to place by such agents as wagons, men, dogs, birds, etc. A case was called to our attention recently where a farmer who had lost his hogs by cholera about the first of August hitched up his horse two weeks later and drove two miles into the yard of another farmer who had a big herd of healthy hogs. The individual who owned the healthy hogs immediately became nervous when he saw the neighbor drive into the yard, and at once asked the visitor if he did not think there was danger of bringing the disease into his herd. "None at all because it is more than two weeks since I lost the last hog, and anyway I do not see how disease germs could stick to the buggy wheels after coming through all this mud."

That is just the point. The average man has little faith in the scientific side of many of these things. When it comes to the matter of diseases, or, indeed, anything else, the scientific is simply the common sense of the thing and it takes sometimes the loss of two or three thousand dollars, and even more than that, to knock this phase of the question into the intellect of certain men. They not only lose their own hogs in many cases on account of ignorance, but succeed in propagating it to others.

We have in mind another individual who holds to the theory that there is no such disease as hog cholera; that all the losses attributed to that disease are due to the presence of worms. Nothing could be more absurd, or farther from the truth. We admit that worms cause an immense amount of loss among the hogs of the corn belt, but we have known instances where healthy herds were swept away by hog cholera when a post mortem revealed not a single worm in the intestines. We must educate ourselves to accept the evidence that is given out by the highest authority in our land. When the department of agriculture at Washington, with dozens of scientific men working on the subject, are able to isolate the cholera germ, to inoculate it into a healthy hog and produce cholera, that ought to be evidence enough to convince the average man that the disease is caused by a germ. Much is yet to be learned about the subject, but the germ theory we know with much certainty. A more ideal means of communicating disease from one herd to another can scarcely be thought of than driving a wagon or buggy through a contaminated yard and in turn going onto the premises of a neighbor where cholera did not exist. This simple act might be the means of distribut-

ing millions of germs in the yards of the neighbor, and yet of course not a single one of these is visible, nor is there the slightest indication made as to their presence until disease breaks out and then it is too late.

CURING SORGHUM FODDER.

The acreage of sorghum fodder in the corn belt is not large, but here and there you will find that dairymen, as well as other stockmen, are growing a few acres to supplement their supply of roughage. It requires but little experience to enable one to cure sorghum, but for the benefit of those who have never had experience with it we will say that sorghum ought to be allowed to stand until the seed is fairly well developed. In case it has been seeded late, which is sometimes practicable, it might not be possible to have it come into this stage of maturity before frost. But in such a case the matter should be delayed as late as possible. Where only a small acreage is involved one could not go far wrong if he actually waited until frost had nipped the leaves, but if this is done it should be cut within a few hours after the freezing.

Where land is rich and the growth of sorghum is large, there is only one implement that will cut it, namely, the mower. After cutting, it is generally advisable to leave it on the ground without more labor for a period of several days. So much the better, if a good, strong hay tedder can be put over it after three or four days. This lets the air into the heavy swath and prevents the surface from bleaching out. We have known instances where sorghum was actually too heavy to be handled by the hay tedder, in which case it was allowed to remain after cutting for a week or ten days without being touched. If rains come some damage will be done of course, but sorghum will stand more hardship than almost any other roughage crop.

A week or ten days of drying weather will reduce the weight of the sorghum about two-thirds. In other words, a crop that would weigh twenty tons per acre at the time of cutting would in favorable weather reduce in weight down

to six or seven tons. A lighter crop would even shrink more because its drying out would be more complete. It is then ready to be put in shock. First rake into windrows; after that some hand work will be necessary. Put it into large, round shocks about ten feet in diameter and about four or five feet high. If these are properly rounded off on the top very little water will enter and the fodder will keep in the field until it is ready for use in the feed yard.

Where it is the desire to store the fodder it can usually be put in a stack or mow after about one month's curing in the field, providing, of course, that the fall weather is reasonably dry. There is little danger of it mildewing or spoiling in any way because the curing has taken place in the large shocks.

There are those who advocate putting it directly into shock as soon as it is cut. True, it will cure it if handled in this way and really make a superior kind of fodder. The objection to the plan in this day and age is the amount of labor that it involves. No man who has ever been called on to shock a heavy crop of green sorghum will ever advocate such a plan. There is not one farm in fifty where labor is sufficiently plentiful to carry out this plan.

RATIONS FOR BROOD MARES.

The following communication has been received from one of our Wisconsin subscribers:

I would like a little advice on the feeding of brood mares during the fall and winter. My oat crop was very light, though I have an abundance of corn. I realize that corn is not an ideal feed for brood mares, but would like to have you inform me what I could use in connection with it and also what proportions should be used.

If brood mares are not working during the late fall and winter and there is a reasonably good supply of roughage on hand they need comparatively little grain. When they can have the run of corn stalks, and in addition, a good winter pasture, a ration of five pounds of grain a day ought to bring them through in good shape. Of course, for a considerable time after they are first turned into the stalk field no grain need be fed, as the corn found there will be sufficient to answer the purpose. A little later, however, when there is noth-

ing left but the dry fodder it will pay to use some grain.

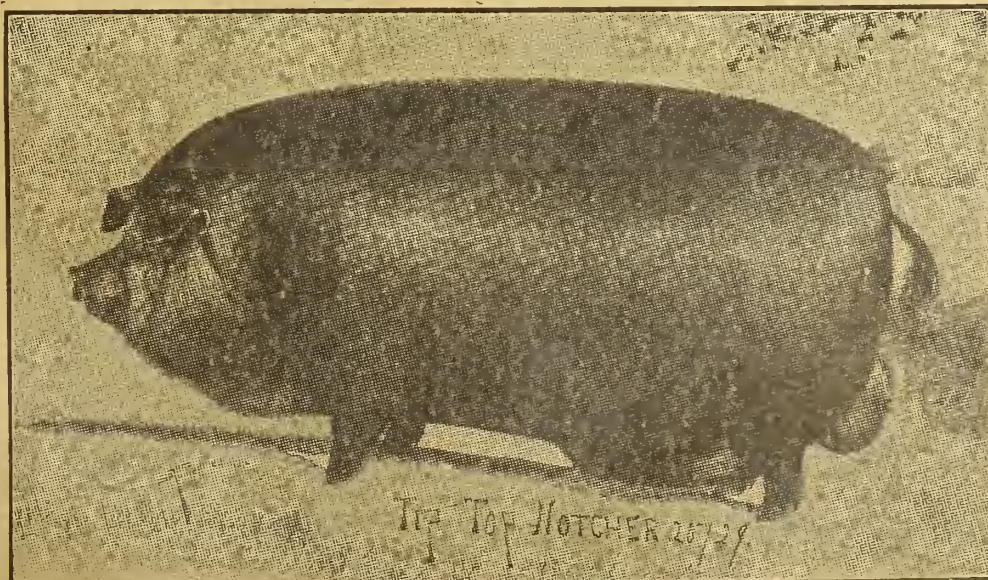
It is doubtful if there is any better food to use along with corn for breeding animals than oats, though in this instance oats are comparatively scarce, so that we would substitute bran. At the present price of mill feeds, as well as oats and bran, we believe that the following ration would be reasonably inexpensive and would answer the purpose well: Fifty pounds of corn, twenty-five pounds oats and twenty-five pounds bran. As corn is the cheapest feed of the three we have put it into the ration in the largest quantity. The oats and bran will supply flesh-forming constituents, the bran alone giving the whole ration a somewhat laxative effect and consequently contributing to a state of ideal health.

A little oilmeal fed daily or at least three or four times a week will give good results. However, this cannot be made to comprise any considerable proportion of the ration, and our opinion is that a single handful once a day is enough for a brood mare.

WHY CORN SHOULD BE PICKED EARLY.

There are many good reasons that voluntarily come to one's mind supporting the plan of picking seed corn early as compared with that of leaving it in the field until freezing weather or storing it in the crib, to be selected at leisure during the winter. Each season brings its own surprises, and this year there have been some heavy rains over a considerable part of the corn belt just at the time when corn was maturing.

As a result of these rains many of the husks contain a good deal of water at this time. Theoretically, we ought not to select ears that do not turn over and point to the ground, but when it comes to actual practice the man who selects his corn from the field is compelled to take a good ear wherever he finds it, providing it grows on a reasonably suitable stalk. The ears of some varieties grow more erect than others, and it is not difficult to find fields of corn this year where a very considerable percentage of ears weighing as much as a pound point upward—if not directly upward, at least at an angle that will admit rain into the husk. The presence of this water will no doubt injure a considerable percentage of corn, if not for feeding purposes, at least for seed. Even though it gradually evaporates it will tend to keep the seed wet, and as a result the germ will be injured just as soon as freezing weather commences. Because of this, we insist that it will pay our readers to stop all other forms of work for at least a day and pick the corn. We realize how urgent fall plowing, potato digging, fencing, hauling manure, etc., are at this time of year, but they will all be out of the way even though a day is taken off to select the seed corn. Formerly, we went through our fields with baskets and carried the corn to each end. It was then placed in a wagon and hauled to the racks. In order to save labor we have adopted a different plan during the last year or two, namely, in going to the best part of the field with team and wagon. One row is broken down, of course, but this is husked



Tip Top Notcher, grand champion boar World's Fair, recently sold by Mr. Geo. W. Seckman, of Ripley, Ill., to Messrs. Thomas & Hogsett, of Golden, Ill., and Fagan, Browning & McCabe, of Hersman, Ill., at the record price of \$5,000. The get of this boar have been winners at the leading fairs and a large number are included in the Grand Champion Sale Circuit, October 22d-29th, inclusive.

out into the wagon as we go along and seed is selected from adjoining rows into the baskets or sacks and then carried to the wagon. One can radiate out for a distance of forty or fifty rows from the wagon, and even then it will not be necessary to carry the seed very far. Two or three times across the average corn field in this way will usually mean a sufficient supply of seed.

CATTLE FEEDING EXPERIMENT.

Experiment II, as described in Bulletin 93, recently issued by the Nebraska Experiment Station, deals with the feeding of wheat bran, oilmeal, cottonseed meal, and alfalfa, each with corn and prairie hay, to test their relative efficiency as supplementary foods.

The cattle were two-year-old grade Short-horns and Herefords averaging about 1150 pounds each. They were in a half fat condition owing to their having been used in an earlier experiment where grain was fed sparingly for three months. The lots were redivided to give uniformity throughout.

The rations fed were as follows:

Lot 1, shelled corn and prairie hay.
Lot 2, shelled corn 75 per cent, bran 25 per cent, and prairie hay.

Lot 3, shelled corn 90 per cent, oil meal 10 per cent and prairie hay.

Lot 4, shelled corn 90 per cent, cottonseed meal 10 per cent, and prairie hay.

Lot 5, shelled corn and equal parts of alfalfa and prairie hay.

Lot 6, corn and cob meal and equal parts of alfalfa and prairie hay.

It may be said in explanation of Lot 6 that this ration was introduced in order to secure data on the value of corn and cob meal as compared with shelled corn.

As the cattle in the experiment had previously been fed as high as seventeen pounds of grain per day, they were started on that amount in Experiment II, February 15, 1906. Near the close, eight weeks later, the steers in the several lots were each receiving a daily allowance as follows: Lot 1, twenty-two and one-fourth pounds; Lot 2, twenty-seven pounds, and Lots 3, 4, 5 and 6, each twenty-five pounds. All lots except 1 and 6 could have been fed twenty-seven pounds. The steers in Lot 1, given corn and prairie hay, were not as hearty feeders as others, which has also been true in former experiments, no doubt because of the one sided nature of the rations. The presence of ground cob in Lot 6 seemed also to prevent that lot from eating as much corn as they might otherwise have done. The bran lot was purposely fed two pounds per day more than Lots 3, 4 and 5, because the larger proportion of the bran, 25 per cent of the ration, would have reduced somewhat the actual amount of corn fed that lot had all been fed the same number of pounds of the mixture.

The largest daily gain was made with oil meal, 2.52 pounds per day, while the smallest was made on corn and prairie hay without a supplemental food, 1.27 pounds per day. Lots 4 and 5, the former cottonseed meal and the latter alfalfa, each gained 2.29 pounds per day, while the lot fed bran gained 1.98 pounds per day and that fed corn and cob meal gained 1.95 pounds per day. While a smaller daily gain was made on corn and cob meal than on shelled corn, less of the former was consumed for each pound of gain. The corn fed as corn and cob meal proved in this experiment to be worth two and one-half cents per hundred more than shelled corn, not enough difference to pay for the grinding.

With wheat bran costing \$15 per ton, oil meal and cottonseed meal each \$32 per ton, and alfalfa and prairie hay each \$6 per ton, with all other expenses except labor included, the net profit or loss on each steer by lot is as follows:

Lot 1, corn and prairie hay, loss forty-six cents.

Lot 2, corn 75 per cent, bran 25 per cent, and prairie hay, profit fifty-seven cents.

Lot 3, corn 90 per cent, oil meal 10 per cent, and prairie hay, profit \$1.43.

Lot 4, corn 90 per cent, cottonseed meal 10 per cent, and prairie hay, profit forty-seven cents.

Lot 5, corn and equal parts of alfalfa and prairie hay, profit \$2.53.

Lot 6, corn and cob meal and equal parts of alfalfa and prairie hay, profit \$2.05.

It should be stated in this connection that the cattle were worth \$4.15 per hundred at the beginning and all lots, except Lot 1, \$4.60 at the close,

eight weeks later. The market value of Lot 1 was \$4.50 per hundred.

In comparison with corn and prairie hay without a protein supplement, the bran returned a value of \$20.80 per ton, the oil meal \$59.60, and the cottonseed meal \$45.60. The fact that oil meal returned a value nearly three times as great as bran may be partly accounted for by the higher protein content of oil meal, which amounts to nearly that difference. On the other hand, cottonseed meal is richer in protein than is oil meal, and in tests elsewhere it has sometimes proved the

equal of oil meal. In this experiment the pigs behind the cottonseed meal lot made much smaller gains, which accounts for a part of the difference in favor of oil meal, inasmuch as the pork was included in the net profits on all lots.

This experiment, as has been true with former tests, emphasizes the importance of using a protein supplement with corn and prairie hay, but it indicates in a very pronounced manner that alfalfa at its present market value may be used instead of a protein concentrate with greater profit.

Water Under Pressure For The Farm

By D. E. Chappell, Wisconsin.

In response to a request in your paper some time ago for a detailed description of a hydro-pneumatic water system, by a person having such in satisfactory operation, I will say for the benefit of the readers of this paper that we have such a system (air pressure) in active operation on our farm, and one that we would not be without again for any consideration. We have all of the conveniences and none of the undesirable features, such as impure water, etc., that our city friends enjoy.

We probably have a more elaborate system than some would think necessary, inasmuch as our 1,000 gallon pneumatic tank is located in the basement and water forced into it by the windmill which supplies other tanks on the farm, thereby doing away with the hand labor necessary with a smaller system. It will probably be proper to state that this 1,000-gallon tank is air-tight, being tested to 140 pounds cold water pressure, and tapped so that the intake and outlet pipes are both on the bottom. The tank is then closed at all openings except the intake, and the windmill started, which forces water into the tank, compressing the air until by the time the tank is two-thirds full of water you have a pressure registered on the gauge of forty to fifty pounds, which will elevate water over 100 feet high, affording service wherever you care to install fixtures.

We, of course, have in connection with the above system a complete sewerage system connected with a cess-pool, and if the readers of this paper could be made familiar with the convenience and labor-saving features of one of these systems I candidly believe every house

which can be would be equipped without delay.

We have what we call the three-pipe water system which serves hot and cold soft water wherever needed, as well as water from the well for drinking and flushing, and they are so arranged that in case the soft water gives out or the pneumatic supply is crippled, either system can be switched into the other, thereby affording constant service come what will.

As regards the expense of an outfit, it is governed wholly by the amount of service and kind and quality of bath-tub, closet, lavatories, sinks, range boiler, traps and faucets used. But I may add that when once properly installed of good materials, etc., a system of this kind is enjoyed without further expense, such as water rental and broken fixtures caused by flushing hydrants, and at times of fires such as one who is attached to city service must meet. And I wish to say right here that as a rule the people in the country are not awake to the amount of genuine pleasure that we can enjoy if we would but keep abreast of the times and realize the resources and the possibilities before us, available by means of a little thinking, planning and figuring. It would be impossible for me to commence at the beginning and describe fully the manner of installing such a system on account of space in this paper, but will state that the entire work was done by the writer and farm labor, with the exception of skilled labor amounting to \$2. But the work must be well done or it will not be a success, as compressed air is hard to control, but very serviceable when fully controlled.

THE DOUBLE-EARED CORN PLANT.

One of our subscribers sends the following communication:

I notice in going through my corn fields that a certain percentage of the stalks bears two ears. In a number of instances of course one of the ears is smaller than the other, though it is possible to find a good many pair of twins that are quite uniform in size and shape. What I would like to ask is, would it pay me to select my seed corn from the plants bearing two ears? Could one eventually, by selecting always in this way, fix this characteristic in this strain of corn? There is no question in my mind but what a plant bearing even two medium sized ears produces more than the single-eared plant, and because of this it appears to me that one would get more corn if he could succeed in fixing the "twin" characteristic.

We do not favor the practice of selecting seed corn from stalks that bear two ears, although in individual cases the weight of grain from a double-eared stalk might be more than from those producing single ears, yet as a rule there is more good sound corn on the one good ear than on the two small ones.

If we had reached that time in the improvement of our corn where every stalk was so well bred and the soil so well handled that the hundred per cent yield could be obtained, it would then be time to take up the question of fixing the two-ear characteristic. One good ear weighing a pound to the hill makes a yield of fifty bushels per acre. Considering the fact that the average yield of corn in the central West is about thirty-five bushels per acre, it must be apparent that we have much yet to learn about growing single-ear varieties before maximum yields are produced.

We would therefore, instead of advising the selection of ears from plant-producing pairs, recommend that they be passed by in every instance and that seed be selected from typical plants producing one ear. We do not deny that there might be an important field in which our experiment stations can work along this line, but out of our own ex-

perience we make the above recommendations.

RELATION OF SOILS TO GOOD CROPS.

Much interest has been revived during the last few years in the question of grain improvement, notably corn. Every experiment station in the corn belt is vying with every other station in its effort to publish something on this subject. Sometimes it is based on painstaking experiments, while in other cases it is largely a matter of guess-work.

Our desire at this time is to call attention to the relation of the soil to crops, especially when we are making efforts to improve the character of the crop. You may take the best bushel of seed corn that has ever been grown and plant it on thin land, or land that has been cropped for many years, and you may not be able to identify the corn at husking time as the same variety you planted.

A little experience we had recently emphasizes this idea with some force. On the poor farm in one of the counties in Iowa was planted a large number of varieties of corn, these having been secured from farmers scattered here and there throughout the county. Most of the seed obtained was planted in two or three different parts of a given field, this being done in order to give every variety a fair show. The field in question was not very uniform, so we traced down a few varieties in order to observe the character of the growth on light as well as on heavy soils. What was the result?

In one instance where a farmer had sent in a large late corn, part of the seed was sown on second-bottom land and about twenty rods away the balance was planted on light upland, though in the same field. The corn on a given date that had been planted on the second-bottom land was still green and would require at least three weeks to mature, while that on the upland was practically ripe. The stalks on the upland was not



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as tall as the other by at least three feet, and yet the seed planted in each instance was the same and the work was all done in a single field. Certain persons interested in the experiments protested that there had been a mixing of the labels, as the difference in the soil could not possibly account for the difference in the character of the growth. There was no mixing, however, as those in charge had adopted every precaution against this.

The difference was due to the soil, and to the soil alone. There was more sand in the upland than on the second-bottom soil and it looked as though vegetable matter was entirely lacking. The corn produced on this upland was simply nubbins and nothing more, and no man could identify the variety. There was not a single ear more than six or seven inches long, while on good land the same corn grew nine, ten and even eleven inches long. The small corn was flinty, while the other was a clearly defined dent.

The lesson to be drawn from this instance is simply this: that as much pains must be taken to keep up the fertility of the soil if we expect to grow good corn as is taken with the selection of the seed. We are not sure but what scrub corn will give better results on poor land than the improved varieties, just the same as scrub animals will be more profitable if they are to be carelessly handled than will the pure-breds. Incidentally, therefore, the agitation about improving corn will do good by way of introducing better farming methods, because one's success in the production of good corn will be more largely in proportion to the skill employed in keeping up the supply of soil fertility.

Long Hours on the Farm.

To the Editor of The Homestead:

Regarding this question will say that my views coincide with those of Mr. W. C. Baldwin, of McPherson county, Kansas. Progressive farmers of all states are realizing the truth he expresses and plan their work accordingly. In fact, long hours have been the bone of contention for years and the length of same has gradually been reduced in all lines of labor. I myself can do as much work in a short day, working with some vim, as I can by dragging along two or three hours more. United States labor statistics prove the same thing for all lines of labor throughout the country.

For two years in the past I was a mental and physical wreck, caused by the greed of a long-hour man. I didn't know enough to look out for myself then. As for a two-hour noon, no hired man wants it. He wants to do his day's work and then quit. The employer who desires night work should hire a man to work in the night only and let the day shift work in the day. I am unalterably opposed to night work, and will not do much of it for anybody, including myself.

This summer I have talked with many progressive farmers and they all said their aim was to get everything done before dark. Besides, the five a. m. to nine p. m. plan allows absolutely no time for mental advancement, and today the hired man of average mentality will have something of that kind.

Our happy, contented farmer belongs to the 6:30 class. The other class is not satisfied after working day and night. In answer to Mr. Kelley's compliment for the 6:30 class, I will answer in kind and say that the five to nine deal is merely acting the hog.

Adair County, Iowa. C. J. Richmond.

The Litchfield serial story on page 5 explains this week how to top dress your corn with their new style three-horse hitch. This is worth reading.

VERY LOW RATES TO AK-SAR-BEN FESTIVITIES AT OMAHA, NEB.,

Via the North-Western Line. Excursion tickets will be sold October 2d to 6th, inclusive, limited to return until October 8th, inclusive. Apply to agents Chicago & North-

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THE CHICAGO GREAT WESTERN RAILWAY will on Oct. 5th and 6th sell tickets to Dallas and return at rate of one fare plus \$2 for the above occasion. Inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Farm Furrows

Turned by a Practical Farmer.

If someone about the household loses his temper, there are others that find it at once.

Potatoes do well after clover or buckwheat. I have found this out by actual experience.

This is a busy time for the manure spreader. It ought to be kept busy at least ten hours per day these days.

A farmer needs a nice house that will keep out the cold and he needs an ice house that will keep out the heat.

Now that cheap alcohol seems to be in sight some are asking about how cheap it can be made out of fifty cent corn.

Valley land that is really dry is a good proposition. When dry it has many advantages over the hilly land.

If a dog has to be tolerated he should be properly trained. It is as necessary to train the family dog as it is to train the children.

Weed-killing bees should be arranged for now for next year. Weeds usually perpetuate themselves very readily if not prevented.

It is a wonder to me that we do not have more failures in business when we see on every hand so many placards of "selling below cost."

If I were ready to sow winter wheat and could not get a drill, I believe I would pass the business up. This is how much I believe it pays to drill in the wheat.

King Corn has been giving Jack Frost the race of his life, and while Jack has been industrious in some quarters, he has had to "go some" to catch the corn in some parts of the corn belt.

High-priced labor cannot be made to count on low-priced land. On low-priced land the owner must perform his own labor. At all times it will be necessary to keep the cost of production down as low as possible.

In our report of the Nebraska State Fair the ownership of the two-year-old Hereford bull was credited to A. J. Firkins, while as a matter of fact he belonged to G. G. Clement of Ord, Neb. We are pleased to correct this mistake.

Nearly everywhere the trees are hanging full of fruit and some attention should be paid to marketing them. No good excuse should be offered for letting apples go to waste. In many orchards there is great waste. Profit comes in being able to turn them to account.

Not long since I saw a nice growth of weeds being very much damaged and retarded by a sparse growth of small corn stalks. The weeds were wild sunflowers, and since there were no ears on the stalks the variety of corn could not be ascertained. It was probably some earless variety.

Ben Davis has broken into Scotland and the people there are glad to receive him. Enemies of Ben have said that the hardy Scotchman who has been living on oatmeal, perhaps does not mind the bran-like taste. That's all right, so Ben gets there with both feet. The American producer of the Ben Davis apple is not going to inquire about that so long as they sell well.

A man in looking over a paper saw the prices of hogs and he said to himself, "Why haven't I a few hogs to sell?" In another part of the same paper he read of the cholera being very bad in one locality and he mused, "I am glad I have no hogs to die with the cholera." So, after all, it may be well enough that this man did not have any hogs. This is a good time to be in the hog and sheep business.

Apparently the proxy business has run riot in some of our live stock associations. One instance comes to mind where the secretary of one important association cast through the proxy 73 per cent of the vote cast at the annual meeting, and did this for a period of twelve years. Men who go to the expense of attending a meeting have no show against a man

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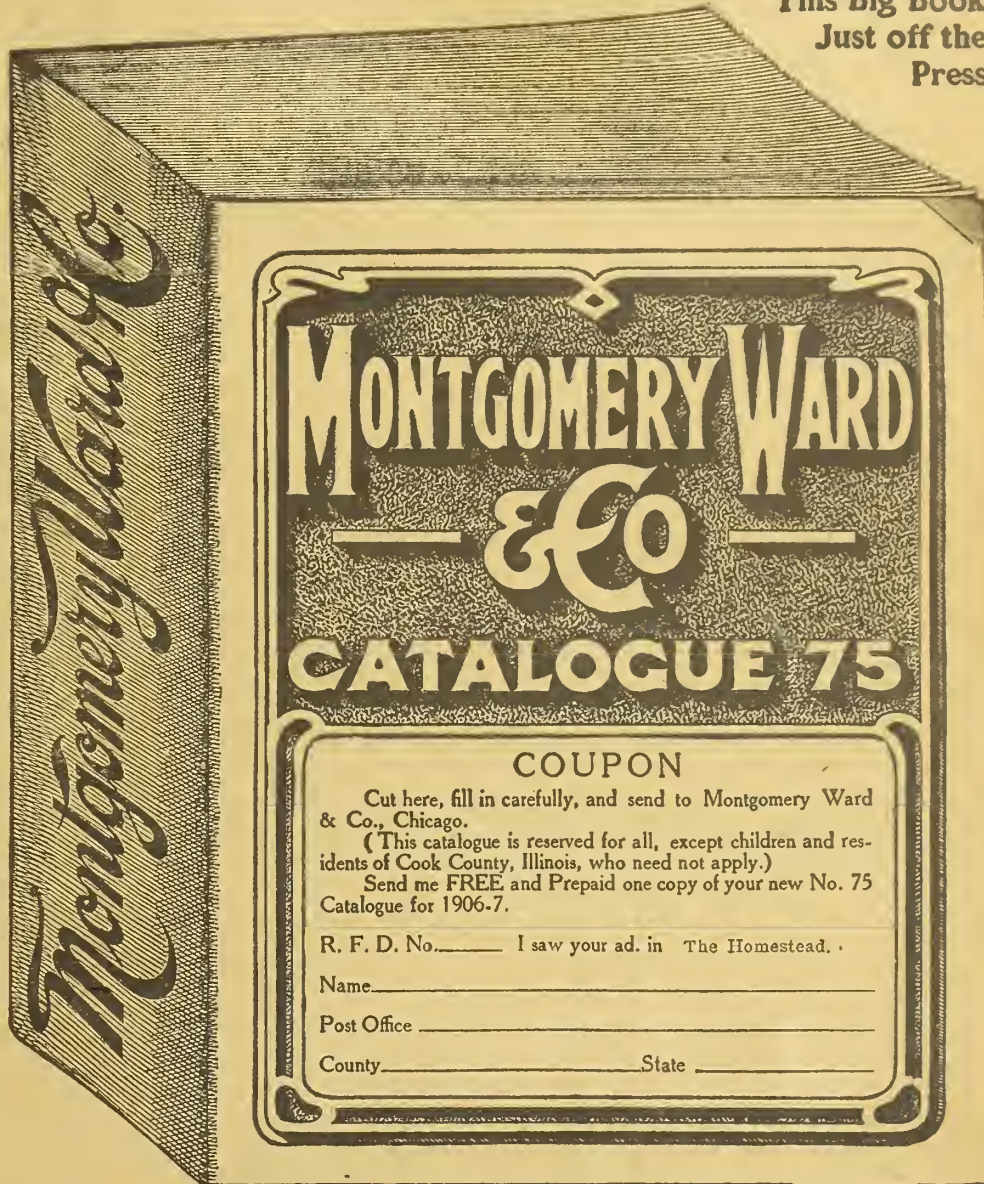
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eline of that kind. Such a system should be downed—it will be downed.

We plant but one crop of corn a year and it is well to have it right. To whatever extent we fail, to that extent will there be a failure in the yield.

Thrashing on a hot day is a hot job. The combined, concentrated rays of a summer's sun while laboring on a strawstack, associated with a "peek of dirt," prevents it from being a picnic job.

It is always an indication of a dry spell or the neglect of somebody when the pump handle sticks up, pointing obliquely at the sky. It makes one weary to look at a pump in this predicament.

Growing walnut timber is a doubtful industry. It requires almost a lifetime for the product to come into use and one crop is the limit. Then, there is a chance that the style of furniture may change. Some of the imitations of walnut lumber nowadays seem to be finer than the genuine. I have walnut trees

that have been planted about thirty years and the lumber in them amounts to but little.

Unloading a forty-bushel load of ear corn on the west, or hot side of a tall corn crib in August in the middle of the afternoon is liable to set a man thinking on real husking time. I have had that experience.

A stalk of corn was heard to say to the weeds growing in the field, "What are you doing here; you don't belong here?" and upon close listening the weeds were heard to answer, "We are here at the sufferance of your master; he invited us by his negligence, and we came."

I never see a large cottonwood stump but what I think that some man is wrestling with the warped and twisted lumber made from the timber taken from the stump. A neighbor of mine says he once had a wagon box made of cottonwood lumber and it was most convenient and obliging. The warping

would make the box turn wrong side out occasionally. Once he drew in a load of potatoes on a hot afternoon and left it stand while he went to dinner. The box took its usual turn and dumped the potatoes in the pit.

The two-row cultivator is here to stay and is one of the implements that hurries up the cultivation when the hay is getting ripe. A field of corn that can be cultivated in one day has the advantage over a field which requires two to go over it. To the corn grower this is evident.

A friend of mine, Mr. C. S. Buckley, of Iowa, says that the best solution of the weeds in a fence row problem is to seed a strip of ground around all the fields to clover and timothy. He has all his fields equipped in this way. There is no trouble or loss in opening up a field of small grain and the grass can be made into hay and the stock will graze these strips when turned in the stalks thus minimizing the liability of cornstalk disease or compaction of the stomach. This is a splendid plan.

THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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SELECTING FINE LOOKING SEED CORN.

We desire to again refer to the practice of selecting seed corn according to what some term "the empirical standard," the so-called score card. A few weeks ago Prof. Clifton Smith, of the Michigan Station, presented some strong arguments in these columns denouncing the plan of selecting corn in this way. Among other things Professor Smith said:

We have known farmers to select corn, taking the best ears they could find each fall, year after year, and yet have not noted much improvement in the quality of the crop. Now come our corn improvement associations offering large prizes at fairs and elsewhere for the bunch of prettiest ears and we have known men to invest considerable money in a lot of ears for seed simply because those ears conformed to an empirical standard, a so-called score card. This is utter folly.

Let us examine the first statement in the above quotation. Professor Smith says we have known farmers to select corn, taking the best ears they could find each fall, year after year, and yet have not noted "much" improvement in the quality of the crop. If he had said not noted "any" improvement in the quality of the crop then his argument would have been consistent. If selecting good looking corn year after year will increase the yield perceptibly, then the system is not wholly wrong.

We do not deny the merit in the system of planting corn from one ear in each row and afterwards saving for seed the grain from the largest-yielding rows; but we want to again assert, as we have heretofore, that until individual farmers here and there are ready to take up this more scientific plan it will pay, and pay well, to put some skill into the matter of selecting corn.

We need no experiments at our stations or elsewhere to demonstrate that a bushel of corn composed of uniformly good ears, that is, ears that are good according to score-card standards, will outyield, when planted, another bushel that is selected just as it comes in the field—as it were, by the scoop-shovel plan. We have in mind a number of instances where men started five years ago with improved corn, selected only by the score-card method. They have been putting considerable pains into its selection year after year since by the same plan, and as a result today it is almost impossible to find a barren stalk in these fields. Furthermore, this corn is yielding from ten to twenty-five bushels more per acre than common corn. Unquestionably, if these same growers had started with a seed supply five years

ago selected from a singularly productive mother ear, they would have made much greater advancement; and in this respect no corn grower who has made a study of the business would disagree with Professor Smith.

We have no apologies to offer for the work that has been done by stations in the corn belt by way of stirring up the interest of farmers in good corn, that is, corn that is good according to the score-card standard. The work along that line has done more by way of interesting young men in the work on the farm than anything that has ever been taken up by the stations, and, incidentally, it has increased the yield of corn in every case where men have taken up the work with a desire to learn.

Soil almost wholly lacking in sand will grow good potatoes, if the season has been right, but it does not do to let them remain long in the ground after ripening, especially during wet weather. Here on this farm we have soil, on the other side of the creek that divides the farm in two, that has some sand in it. Here is where we raise potatoes for winter use, but those on the all-clay soil must be dug earlier, or they become watery, "soggy," as some call them. After all, it takes some sand to produce a clean, smooth potato.

The seed of English blue grass is cheaper than it has been for years, with a shorter crop. Why it is so cheap, no one knows, and many more than half believe the buyers are taking an undue advantage of most folks' ignorance as to the real market value of the seed. Take hogs, wheat or corn, and every farmer knows the present market value in all the principal market centers; the newspapers have educated us along this line, but very few farmers, if any, know the export price of blue grass seed.

W. A. Merryman's Sale of Herefords.

The sale of pure bred and high-grade Hereford cattle held by Mr. W. A. Merryman, of Laredo, Mo., on September 28th, was one of the most successful sales held in northern Missouri for some time past. Mr. Merryman had advertised his sale well, both abroad and at home and the attendance bears out the statement that advertising pays, and pays well when the man behind the gun is known among his fellowmen as one of the true blue sort. Fully one thousand people gathered at the Merryman home to attend the sale and to spend the last day with this estimable couple on their farm preparatory to their moving into town. Even the

schools in the neighborhood closed that the children might attend. Colonel Merryman learned of their coming and a merry-go-round was erected for their amusement. The writer at no time in his rounds ever saw more carriages in attendance at a sale than was seen on approaching the farm. Farmers came for twenty miles around and young men with their best girls possibly traveled farther in getting to the sale. Yet with all the crowd Col. George P. Bellows and his assistants kept order throughout the sale. The only accident of the day was the falling of one tier of seats loaded with some 300 men and women. For a time it was thought some were seriously hurt, but fortunately only a few were slightly bruised. The grade cattle and horses were sold in the forenoon and after dinner Colonel Bellows made one of the most forceful talks in behalf of the "white face" that has ever been our privilege to listen to. Buyers were present from Missouri, Iowa and Kansas and the forty-two head of pure bred averaged \$30.25. Mr. H. K. Philson, of Harlan, Iowa, was the most liberal buyer, taking a full car load of the better cattle. Among the other good buyers and bidders were: C. L. Browning, of Laredo, Mo.; T. H. Wells, Bedford, Iowa; L. E. Fuller, Humphreys, Mo.; J. W. St. Clair, Humphreys, Mo.; I.

CULTER & PROCTOR STOVE COMPANY.

We show herewith an illustration of the Celebrated King Bee Air Blast, a heating stove manufactured by the Culter & Proctor Stove Co., of Peoria, Ill., makers of high grade steel ranges, steel cooks, cast ranges and cooks and heaters of all kinds. This company enjoys a very large trade on the King Bee Air Blast. It is a wonderful stove and is giving universal satisfaction wherever used.

The King Bee Air Blast is an up-to-date stove in every respect, embodying all of the latest improvements of practical value in hot blast stoves, and has more individual features of real merit than any stove of its class made.

The King Bee is designed to burn soft coal, hard coal, lignite, slack, wood, cobs or any kind of fuel, with equally good results, and will give more heat with the same amount of fuel than any stove made.

The features of holding fire, burning gas and smoke, operate to perfection in the King Bee. It is as simple as can be, the cleanest stove in the market, a genuine pleasure to operate.

This stove is built air-tight, so you have your fire under perfect control. This, combined with the many other valuable features, will enable you to get results not obtainable from any other stove.

The King Bee Air Blast has an exposed fire pot, which with their heat deflecting ring, makes it a perfect and powerful base heater, equal to, if not surpassing any hard coal base heater made. The fire pot, being exposed, will outlast a dozen enclosed fire pots and give ten-fold better results.

The cast base is perfectly fitted; has the faced ash pit door with two genuine screw registers; lathe faced, tight fitting grate shaker door. No dust can escape into room when shaking down the ashes. This base is positively air tight and is provided with a large, roomy bailed ash pan.

Each King Bee Air Blast is mounted with an anti-buckling ring, which prevents the buckling or warping in of the drum at top of fire pot, effectually preventing any possible draft getting in between fire pot and drum, however long the stove may be used. All stoves without this anti-buckling ring will, in a short time, become open between fire pot and drum and become uncontrollable and of no value as a fire keeper, or gas and smoke consumer. Their anti-buckling ring positively prevents this buckling. Loose rings or castings around top of fire pot will not do, as they will bend or warp by heat and are of no value.

Their Patent Perforated Puff Preventer, in top of feed door effectually prevents all explosions so common in other makes of stoves of this class.

The King Bee Air Blast is a genuine fuel saver and will pay purchaser better dividends than any investment he can make.

They, without hesitation, recommend the King Bee Air Blast as the cleanest, most economical, most perfect operating and best all round stove of its class on the market. (See page 18 for coupon offer.)



Sectional view showing the latest improved King Bee Air Blast, unsurpassed as a Gas and Smoke Consumer. Manufactured by Culter & Proctor Stove Co., Peoria, Ill. See page 18.



Mayer HONORBILT

SHOES FOR MEN

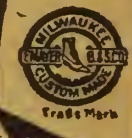
The highest degree of style, fit and workmanship are embodied in these splendid shoes. There are none that equal them in appearance and wearing quality at the price. They are

BUILT ON HONOR

That's what the name means. That's what a trial will prove. By all means wear "Honorbilt" shoes. Demand them of your dealer—INSIST. Sold everywhere. If you cannot get them write to us.

We also make the "Western Lady," and the "Martha Washington" comfort shoes and a full line of men's, women's and children's shoes. Our trademark is stamped on every sole.

F. Mayer Boot & Shoe Co.,
Milwaukee, Wis.



EDUCATE YOURSELF AT HOME

Forty courses of study in Normal, Academic, Commercial and Pharmacy Departments. No other school can offer advantages of affiliation with a great university, courses of such strength that they receive university entrance credits, annual scholarships in the university for best work in correspondence courses. Instructors are college graduates who give their entire time to our work. Inquiries invited.

Interstate School of Correspondence

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\$60 A Boy or Girl can run it Send for catalogue

GOES LIKE SIXTY SELLS LIKE SIXTY

For Pumping, Cream Separator, Churn, &c. GILSON MFG. CO. Port Washington Wisconsin

106 PARK ST.

J. Kilbourn, Laredo, Mo.; L. G. Shrock, Browning, Mo.; W. R. Smith, Laredo, Mo.; Lloyd Louder, Chula, Mo.; A. B. Anderson, Lucerne, Mo.; Dette Bros., Dickson, Mo.; and W. G. Swinney, Bois D'Arc, Mo., the latter gentleman being represented by mail order bids to Colonel Bellows. The herd of grade cattle brought \$2,324.75, and the horses something over \$1,000. Col. Harry Graham deserves much credit for the management of the sale as do Colonels Carpenter and Bailey, who assisted in the ring. Following is a list of all sales of \$100 and over:

Lot.	FEMALES.	Price.
1	Blossom, five years, H. K. Philson,	105
2	Harlan, Iowa	125
3	Lucy, five years, same	125
4	Belle Donald 24th, seven years, C. L. Browning, Laredo, Mo.	150
5	Florence, three years, T. H. Wells, Bedford, Iowa	130
6	Belle Donald 49th, and b. c. by Prince, Cow to C. L. Browning	150
7	Calf to L. E. Fuller, Humphreys, Mo.	80
8	Lady Briton 3d, seven years, H. K. Philson	120
9	Nina, three years, L. G. Shrock, Browning, Mo.	130
10	Gipsy Girl, two years, H. K. Philson	140
11	Midget, three years, same	115
12	Bessie, three years, same	125
13	Lassie, two years, same	100
14	May 2d, three years, same	130
15	Prince, three years, H. K. Philson	205
SUMMARY.		
36	females sold for.....	\$3,340; average, \$93.00
6	bulls sold for.....	450; average, 75.00
42	head sold for.....	3,790; average, 90.25

Lost in Humanity.

We see by the notices that the Litchfield Mfg. Co., of Waterloo, Iowa, are sending out to prospective customers that they are afraid the dense crowd around their machines at the Illinois State Fair will prevent some of their customers from finding them. They state that the modern improvements on this machine have attracted so much attention at some of the fairs that the people who went there to see them thought the machines were not on the ground at all. They were simply buried in the center of anxious crowds of people who were striving to see and examine these modern spreaders. Read the continued story of this modern machine which will be found on page 5.

Horse Owners! Use

GOMBAULT'S

Caustic Balsam

A Safe, Speedy, and Positive Cure

The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle, SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE-WILLIAMS CO., Cleveland, O.



OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in the department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

A WORD OF ADVICE.

The editor of the legal department earnestly desires to answer all questions which are of any interest to the readers of the paper. Some legal inquiries, however, must remain unanswered. Occasionally correspondents complain of this, and want to know the reason why their questions are not answered. The space devoted to the legal department is limited, and the questions are numerous. They come in troops during some portions of the year, and it is impossible to keep up with the procession of them. It requires some power of condensation and discrimination to be fair and just to all demands upon the space allotted to the department. Too much space given to a single correspondent would be infringing upon the rights and privileges of others. Sometimes a correspondent desires information, which, if given, would fill several columns of the paper, to the exclusion of other matters equally interesting. Recently a subscriber asked us to publish the complete fish law of Wisconsin. This law is very long and complicated, with much detail of statement. It gives the names of four bays, seven lakes and seven rivers, besides Bonnet's Point and Squaw Island; and designates twelve counties where the law has more or less varied force and effect. It specifies twelve different kinds of fishes, to which the law affords protection of some kind or another at various seasons of the year. This law must have engaged the undivided attention of ambitious statesmen for a long time. It is most too much of a task to publish it, besides it can readily be found in the office of any justice of the peace or attorney, in the state of Wisconsin.

Another correspondent wants to know what right he has to fish in an Iowa lake. He says that an adjacent land-owner claimed that he was trespassing on his

land, and tried to drive him away. He says there is a government stone about four rods from the lake, and wants to know how much land the government owns around the lake. He omits entirely to state the main facts upon which any legal opinion might be based, so his questions cannot be answered. Still another wants this paper to publish a suitable form of articles for incorporating a telephone company, the only safe and proper way in such a case being to employ a competent attorney to prepare the articles and see that they are duly executed and properly filed, and start the company right, by drafting by-laws and attending the first meeting of the board of directors. Very often correspondents who ask questions involving legal points of great importance omit to mention the state where the transaction in question took place. As a general rule, when this happens it is impossible to give a reliable answer, for the reason that the laws of the various states differ widely upon many subjects. Correspondents can greatly aid us, and insure answers, if, when preparing their questions, they will carefully observe the directions contained in the note kept standing at the head of the legal department, and never fail to mention the state where the transaction occurred.

LAW QUESTIONS CONSIDERED.

PAYING TAXES TWICE.

Mr. John Wadle, Lacona, Iowa.—I have receipts for paying taxes every year. Recently I had to pay \$10 delinquent taxes for 1904. How can they collect taxes for a long time back?

If you had a receipt for the payment of the taxes of 1904, you should not have paid again. When you pay once, refuse to pay for the same thing again.

TRESPASSING STOCK—NEGLIGENCE.

A Subscriber, Cedar Falls, Iowa.—If a man is negligent and purposely leaves his fences open on the public highway and his neighbor's cows break out of their pasture and get into his crops through the open fence, can he recover damages from the owner of the cows?

Answer.—He cannot, because his own negligence was partially the cause of the injury to his crops. Generally, a man cannot recover damages for the trespass of animals unless they get upon his premises through a lawful fence.

PUBLIC NUISANCE.

A Subscriber, Savannah, Mo.—The boys of this neighborhood have been playing base ball across the road in front of A.'s house for some time. He objects to it and is angry and threatens to have them arrested. Can he cause the boys trouble, and, if so, how much?

Answer.—He can cause the boys trouble. They are guilty of committing a public nuisance, which is a misdemeanor under the laws of Missouri, punishable by fine or imprisonment in jail. The degree of punishment is largely in the discretion of the justice of the peace where the case is tried.

HUSBAND AND WIFE—WILL.

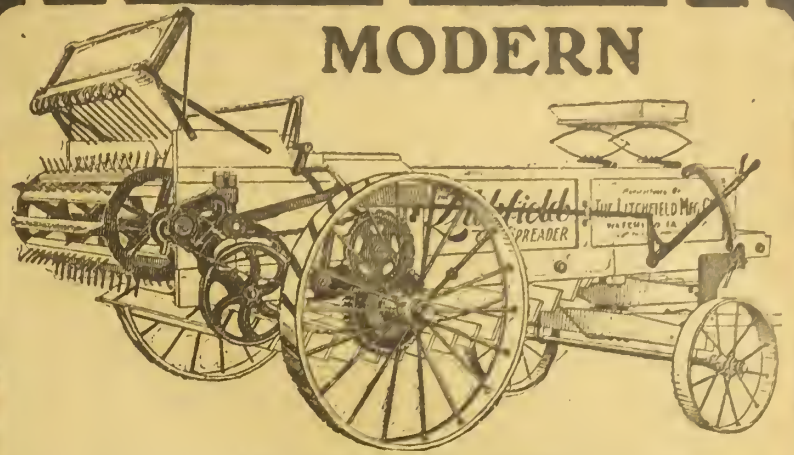
A Subscriber, Brighton, Iowa.—A. and B. are husband and wife. They have no children. They own no land, but have considerable personal property, consisting principally of live stock. The wife had some money of her own at the time of marriage. This money was invested in stock. (1) In case A. should die first, how would the property be divided? (2) Could the wife lawfully claim the stock which was bought by her own money as her separate property? (3) Can a will be made to last for years without changing?

Answer.—(1) The widow would be entitled to one-half of the property which A. owned at the time of his death. The other half would go to A.'s parents. (2) B. would be entitled to the stock which was bought with her own money as her separate property. (3) A will properly drawn takes effect when the testator dies, no matter when it was made. It does not become invalid by age.

A PRODIGAL SON.

A Subscriber, Merriman, Neb.—I have a son past sixteen years old. He left home and is now in Wyoming. I do not think he is doing anything and am afraid he will get into bad company. (1) Can I have him sent to the reform school in Nebraska? (2) Where is the school located? (3) Would he be treated right there and be taught something useful? What would be the cost of having him sent there?

Answer.—(1) You have not stated any facts which would warrant a court in sending your son to the reform school. Some cause must first exist. It must be proved to the court that the boy has committed some crime—or that for want of paternal care he is growing up in mendicancy and vagrancy, or that he is incorrigible. You may be to blame yourself. Give the boy a chance. A reform school is a kind of penal institution. A right-minded father ought not to willingly allow his son to go to such a place. Give the boy a chance. (2) The



MODERN

TOP DRESS THE CORN.

THE MANURE SPREADER of today is developing modern ideas and perfecting principles of modern farming, perhaps more rapidly than any other existing condition. "Top dressing" of the different growing crops is becoming a matter of very important consideration, and one that is being made possible on various crops and under various conditions with the modern manure spreader and which under other circumstances would not be practical.

Our best farmers are beginning to realize that the distribution of the manure, daily, where this is possible, especially on the large dairy farms, is coming to be an important matter.

To do this there must always be some place on the farm at all times of the year where this fertilizing is needed and where it is adaptable to the conditions.

For top dressing meadow land and small grain crops, thorough and uniform distribution is of vital importance. This is what you get with the Litchfield Manure Spreader. It is also essential that the wheels on the machine shall not cut through the surface, and this is another important and leading point with the Litchfield Spreader, by reason of its six-inch round-edge tires on the traction wheels.

It is only recently that the value of top dressing corn ground has come up for favorable consideration. It is becoming very popular and that quite rapidly. There is no way to do it except with a Spreader that is designed and adapted for this class of work.

The Litchfield Spreader with its three-horse hitch will do this work to perfection. It places the center horse in the center of the machine and all three horses walk between the corn rows. The wheels of the Spreader also travel between the corn rows. This is made possible with the new style adjustable pole as used on this machine. Keep in mind the distribution on corn ground before fall plowing also. It is the same improvement that gives the uniform equalization with the three horse hitch. No side draft, but all three horses pulling straight ahead and absolutely equal in their work.

A personal examination of this modern principle will be necessary to thoroughly appreciate it, as well as other valuable points on this modern machine, which must appeal to every man. All we ask is an opportunity to demonstrate the strength of our statements. Read next week!

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

1/2 THE PRICE IS WHAT YOU SAVE

WHEN YOU BUY A RANGE, COOK STOVE OR HEATER FROM US



We have all kinds from the smallest laundry stove to the largest range and the finest base burner. We can supply any need in the stove line at the lowest factory prices. You save all the jobbers, dealers or peddlers profits by buying direct from us.

30 DAYS FREE TRIAL

If you wish, in your own home; an opportunity to judge of the high quality and the low prices. You take no risk. We will pay all the freight charges if you are not satisfied with your purchase. We have our own big factory making our stoves and every one is

GUARANTEED FOR FIVE YEARS

You do not have to wait: we have all our stoves in Kansas City. We are ready to fill your orders the same day they are received. We guarantee safe delivery. Our big catalog is ready for you. Do not buy before getting our catalog and prices.

Kemper-Paxton Mercantile Co. 913 Hickory St. KANSAS CITY, MISSOURI.



Big Catalog Mailed Free—Write Now

Genasco Ready Roofing is a permanent protection from every kind of weather

Whether your house and barn are secure from the zero-cold of winter, the hot sun of summer, and the most searching wind, rain, hail or snow storms, will depend on what you get in your roofing.

The genuine Trinidad Lake Asphalt—the greatest waterproofing material known—goes into Genasco and gives it life and resisting power through a valuable process we have developed in twenty-five years' experience.

Your Genasco roof will be in good condition long after your neighbor's roof of shingle, slate, tin, coal-tar, or other substitute, has gone to pieces.

Genasco is easy to apply—and it stays applied.

Ask your dealer for Genasco Ready Roofing. Smooth or mineral surface. Write us for Book V and samples.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt in the world PHILADELPHIA

New York San Francisco Chicago

reform school is located at Kearney. (3) The purpose is to treat the inmates right, and teach them something useful. (4) We do not know—probably more than it would cost to welcome home a prodigal son, even if fatted calves are high-priced.

HEDGE ALONG HIGHWAY.

A Subscriber, Goffs, Kan.—(1) Can the present hedge law of Kansas be enforced if the township board refuses to enforce it? (2) How can a land owner who has a hedge along the public highway be compelled to trim or cut it back?

Answer.—(1) The trustee, clerk and treasurer of a township constitute the fence viewers of the township. The law provides that any fence viewer who neglects any duty required of him shall forfeit and pay ten dollars. (2) It is the duty of the road overseer to give a land owner thirty days' notice to trim or cut back his hedge fence along the public highway, to the height of five feet from the ground. Upon the failure of the landowner to comply with such notice, the road overseer may do it and report the expense of it to the county clerk, and the amount is entered on the tax rolls against said land, and collected as other taxes.

Mild Home Treatment for Cancer—Time Tried and Successful is the Record of Cancerol.

Anyone who really wants to know if he can be cured can readily determine this by a little investigation. A valuable book, full of interesting information and containing records of unmistakable cures of cancer in most every situation on the body, sent free to those interested. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

AKIN HUSKER

Now, husk corn in comfort. Send 25c for the Akin Husker that fits the hand snug and solid. New adjustable peg is made of cold drawn steel and mounted with a spring.

NO BLISTERED HANDS

and fingers. Relieves strain on wrist and hand. You can husk rapidly and easily. If your dealer hasn't it send 25c right off and learn how to enjoy husking more. Sent postpaid.

SMITH AND DAVIS
Box 2 Ames, Ia.

THIS-STOVE-FREE

BOYS, GIRLS, LADIES

Don't go to bed in freezing room or get up in the morning and shiver your head off when you can get this splendid stove FREE. Made of smooth finish sheet steel—screw draft damper—clean-out door—picket urn—pipe collar. Lined with heavy sheet steel. Wood burner. Every Boy—Girl or Lady can keep warm all winter. Be sure to write at once. You can have one free. Send no money, just your name and address.

L. F. M. CO., 136 Tenth St., Des Moines, Iowa

ROYAL FITNESS WAGON SCALE

SOLD on 30 days free trial. For catalog and discounts, address, Monarch Grubber Co., Lone Tree, Ia.

ST. JOSEPH INTERSTATE FAIR



The Interstate Live Stock and Horse Show held in St. Joseph, Mo., last week was an experiment, but the outcome of the project spells success with double-scored capitals. Never in the history of fairs have forces been more effectively united in order to bring things to pass than was the case last week. The people of St. Joseph combined with the Stock Yards Company to make this the first event of its kind in that city a success, and their efforts were rewarded by results beyond expectations. The non-acceptance of the date set apart by state fair officials for the Illinois State Fair by the officers of the Springfield institution furnished St. Joseph's opportunity. There was one blank week in the western circuit and this was taken up. St. Joseph, therefore, was suddenly placed upon the fair circuit map and it will be no surprise if its place is a fixture.

No fair in the circuit has quite as good facilities for unloading show stock and getting it into quarters as St. Joseph. Exhibitors, therefore, were pleased from the start and nothing occurred during the week to disconcert them. On every hand could be heard loud praises for the fair management and many were the compliments directed to the general manager, M. B. Irwin. The "little things" that contribute so much to make a fair educational in effect were looked after by Mr. Irwin just a little better than at any state fair this season. The catalogs, for example, were up to date, were printed without error, included all needed information, and they were freely distributed to visitors; animals were numbered in the ring and all awards in every class announced for the benefit of visitors; parades were made at various intervals during each day to break the monotony of judging. What more could

one ask for at the hands of a fair just starting?

The general character of the stock exhibited was good; it was above the ordinary. This was not surprising. Adjacent to St. Joseph is one of the finest improved stock territories of the West, and in it you will find some of the best herds of all breeds. Many of these were exhibited last week, though other states besides Missouri were strongly represented in some of the classes. The premiums were liberal, far beyond what one would naturally expect in a first event of this character. The horse show feature of the evening proved a popular feature during the whole week, and the mammoth tent was taxed to its capacity more than once. As said before, the program of judging and parades carried out during the day was superb, but there was lacking one of the most important features of the fair, namely, the people. Possibly 1,500 to 2,000 people could be found in the judging ring at one time during the day, but this was the limit. A beginning has been made, however. The fair has been a demonstrated success, and we have little fear but that the people will support it in the future. This at least has been the history of the American Royal. With but a small beginning in the way of attendance a few years ago it has grown until now it is one of the mammoth expositions held on the continent.

One of the interesting features of the Interstate Live Stock Show was the draft from the Royal stud of King Edward VII., of England, composed of nine head of Shire stallions and mares. These are personally owned by the king of England and were sent by him to Canada to be exhibited at the principal fairs in that province. The exhibit was the crowning feature of the Canadian fairs, and it proved no less the center of attraction in St. Joseph. This group of famous horses will be exhibited but once more in the United States, namely, at the American Royal, held in Kansas City, October 8th to 13th. They will then be disposed of to American and Canadian breeders. We congratulate the management of the Interstate Live Stock Show on securing this most instructive exhibit of the famous English draft horse.

In addition to King Edward's display was a notable six-horse entry made by Swift & Co., together with a Percheron stallion recently imported by the Crouch & Son firm for Louis F. Swift for the betterment of draft horse breeds in St. Joseph and adjacent territory. The Swift six-horse hitch constituted an interesting feature of each day's program.

In the yard and stable equipment, in managing ability, in the enthusiasm of its people no other fair surpassed St. Joseph this season. Breeders on every hand were free to express themselves as believing that there is need for just such a fair at that point, and the support given this year by exhibitors indicates that faith in this case is backed up by works. It was established, not in jealousy, nor in envy, but for the definite purpose of encouraging the use

of more good blood on the farms located in the territory adjacent to this prominent live stock center.

CATTLE.

SHORT-HORNS.

The Short-horn show raised a high standard for the future displays of this breed at South St. Joseph and the herds and classes furnished a strong attraction to visitors and an interesting study to breeders and stockmen. No Short-horn admirer can leave the grounds without feeling well repaid for the effort he made to see the show, for there was on exhibition a very evenly-balanced collection of some of the best stock the country furnishes. Competition was keen throughout, as will be testified to by the judge, Mr. H. C. Duncan, of Osborn, Mo., who found many perplexing situations in some of the large classes where it was practically a drawing of straws to secure the winner. Under such conditions opinion is generally divided, which allows for future reversals, as will probably follow. The quality and uniformity of several herds made them the object of very favorable comment. In the aged bull class some noted sires were represented by their get, these being Imp. Bapton Ensign 172542 and Lavender Viscount 124755, shown for many years by C. E. Leonard, of Bell Air, Mo., with great success. Orange Viscount, of his get, was able to get only third, and while he is a trifle off in quality he is of a splendid, low-set, meaty type. Much Choice Goods stock was evident, especially in two-year-old bulls, where the first three were his get and were worthy representatives of his name. T. K. Tomson & Sons' quartet of red females maintained their place. They have won prestige and blue ribbons at every show this season. They are grand animals, uniform in all respects, with all the femininity and character that could be desired. Bellows Bros. showed in their usual style and among their many winnings took first on a very even calf herd which presented some good, vigorous types of youngsters with splendid manners for their age. The show was well supported by breeders of the red, white and roan and Short-horn men will most presumably make St. Joseph fair a strong center for their contests in the future. While it makes the third fair in a small area, it fills out an undesirable vacancy and will make it possible for western exhibitors to remain on the circuit without going out of their way. The ten-year-old female, Golden Abbotsburn, a winner of past years, was only able to get third in her class, much to the surprise of the spectators, and while her age may be against her in the minds of some, it would seem that a cow of her size, holding her form so splendidly, would have been better favored. Last year she was grand champion at Kansas City. A list of the breeders and their showings are herewith attached: Bellows Bros., Maryville, Mo. (9 head); C. E. Clarke, St. Cloud, Minn. (13 head); T. J. Wornall, Liberty, Mo. (15 head); T. K. Tomson & Sons, Dover, Kan. (10 head); A. F. Graves, King City, Mo. (2 head); J. F. Stodder, Burden, Kan. (9 head); Fred Case, Harrisonville, Mo. (1 head); J. W. McDermott, Kohaka, Mo. (2 head); E. D. Ludwig, Sabetha, Kan. (2 head); Thomas, Jamison & Mitchell, Allen, Kan. (11 head).

AWARDS.

Aged Bull—First, Clarke, on Bapton Favorite 231750; second, Tomson & Sons, on Silvery Knight 206653; third, Thomas, Jamison & Mitchell, on Orange Viscount 157352; fourth, Clarke, on Nonpareil Stamp 188487.

Two-Year-Old Bull—First, Bellows Bros., on Good Choice 227852; second, Wornall & Sons, on The Conqueror 215051; third, Thomas, Jamison & Mitchell, on White Goods 234975; fourth, Stodder, on Lord Filbert 223307; fifth, Huse, on Lord Butterfly 258435. This was a contest of Choice Goods' get which bore strong evidence of the prepotency of their sire.

Senior Yearling Bull—First, Stodder, on Royal Orange 243113.

Junior Yearling Bull—First, Wornall & Sons, on Careless Conqueror 24515; second, Tomson & Sons, on Gallant Lavender 24423; third, Graves, on Champion of Lyndale; fourth, Huse, on Prince Butterfly 263390.

Senior Bull Calf—First, Clarke, on Choice Knight 253397; second, Bellows Bros., on

Commodore, Vol. 68; third, Tomson & Sons, on Victor Archer 264156; fourth, Wornall & Sons, on Oakwood Conqueror 233251; fifth, McDermott, on Fair Goods 253391. Some splendid patterns came forward in this class and a Choice Goods calf was again honored, being especially good over the back and hind parts. Commodore, sired by Hampton's Best, shows future promise. The Choice Goods calf in last place would have stood more finish and condition, otherwise he represents a good type.

Junior Bull Calf—First, Bellows Bros., on Lord Hampton, Vol. 68; second, Clarke, on Knight Commander 263720; third, Graves, on Hampton Hero, Vol. 68; fourth, Stodder, on Standard Lavender; fifth, Stoddard, on Valentine Duke 263916.

Aged Cow—First, Clarke, on Welcome of Meadow Lawn 9th; second, Tomson & Sons, on 3d Elder Lawn Victoria, Vol. 57; third, McDermott, on Golden Abbotsburn, Vol. 42; fourth, Wornall & Sons, on Glosterina, Vol. 53; fifth, Thomas, Jamison & Mitchell, on Rose Victor, Vol. 59. Clarke held first place quite easily, but in choice for next place there was a difference of opinion and some favored the large red cow finally given third place.

Two-Year-Old Cow—First, Tomson & Sons, on Cherry Lass, Vol. 60; second, Clarke, on Dorothea 2d, Vol. 64; third, Clarke, on Duchess of Lancaster 13th, Vol. 59; fourth, Wornall & Sons, on Choice Violet 2d; fifth, Tomson & Sons, on Thorny Bud, Vol. 63. A splendidly-fitted class throughout. Cherry Lass is a neat block, showing quality and an attractive bearing that is captivating. Dorothea is a March Knight calf of great type.

Senior Yearling Heifer—First, Clarke, on Lady Mysie 2d, Vol. 64; second, Thomas, Jamison & Mitchell, on 4th Duchess of Gloster, Vol. 62; third, Wornall & Sons, on Sweet Tone, Vol. 63; fourth, Tomson & Sons, on Lavina, Vol. 64; fifth, Wornall & Sons, on Clear Right, Vol. 63. Considerable surprise was created in the choice for third place and a much smoother and better proportioned heifer was thrown down in her favor. However, the strength and growthiness of Sweet Tone may have been a strong card for her.

Junior Yearling Heifer—First, Tomson & Sons, on 5th Elder Lawn Victoria, Vol. 64; second, Clarke, on Alice of Meadow Lawn, Vol. 64; third, Thomas, Jamison & Mitchell, on Lavender Bud 2d, Vol. 62; fourth, Wornall & Sons, on Snow Queen, Vol. 66.

Senior Heifer Calf—First, Bellows Bros., on Hampton's Tea Rose, Vol. 68; second, Clarke, on Lady Dorothea 3d, Vol. 65; third, Clarke, on Dorothea 2d, Vol. 65; fourth, Bellows Bros., on Model Maid 2d, Vol. 68; fifth, Tomson & Sons, on Delightful, Vol. 68. This was a strong line up and ten heifers of very even merit made the first places highly appreciated by those who finally captured them. Hampton's Tea Rose is a very square, well-formed calf and held her place from the start, though at times was in danger. Clarke's Lady Dorothea is somewhat shorter in body, but deeper and fuller in the rounds, while both are finished to perfection.

Junior Heifer Calf—First, Bellows Bros., on Parkdale Queen of Beauty 2d, Vol. 68; second, Clarke, on Molly 3d, Vol. 68; third, Wornall & Sons, on Glad Smile, Vol. 68; fourth, Tomson & Sons, on Rose Archer, Vol. 68.

Senior Champion Bull—Clarke, on Bapton Favorite. The handsome silver cup offered by Swift & Co. was won by this bull.

Junior Champion Bull—Clarke, on Choice Knight.

Senior Champion Cow—Clarke, on Welcome of Meadow Lawn.

Junior Champion Heifer—Bellows Bros., on Hampton's Tea Rose.

Grand Champion Bull—Bapton Favorite.

Grand Champion Cow—Hampton's Tea Rose.

Aged Herd—First, Clarke; second, Tomson & Sons; third, Wornall & Sons; fourth, Thomas, Jamison & Mitchell. Some difficulty was experienced in choosing the third place, as the competition was about even, though the decision satisfied the majority.

Young Herd—First, Clarke; second, Wornall & Sons; third, Tomson & Sons; fourth, Thomas, Jamison & Mitchell.

Calf Herd—First, Bellows Bros.; second, Clarke; third, Wornall & Sons.

Four Animals Get of Sire—First, Tomson & Sons, on get of Gallant Knight; second, Bellows Bros., on get of Hampton's Best;

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third, Clarke; fourth, Wornall & Sons, on get of Imp. Conqueror.

Two Animals Produce of Cow—First, Clarke, on produce of Dorothea; second, Tomison & Sons, on produce of Victoria of Maple Hill; third, Wornall & Sons, on produce of Nonpareil of Meadow Lawn 5th; fourth, Thomas, Jamison & Mitchell, on produce of 4th Duchess of Gloster.

ABERDEEN ANGUS.

The Angus show was one of the strong features of the initial stock show at St. Joseph and if breeders have felt any lack of enthusiasm over the showing of this breed at preceding fairs they can now easily forget it in view of the numbers and general excellence that was typical of the herds appearing for honors. Breeders of this, and others breeds as well, are to be highly commended for the manner in which they responded to the call of the fair managers and the result has been that an enviable record has been made in the start. While some classes were not as close as they might have been, it was due to the superlative excellence of some animals shown and not to any falling below the standard set by the supporters of the blacks. In the aged bull class Jim Delaney, owned by A. C. Binnie, of Alta, Iowa, the champion of the season, was able to maintain his place without any danger. For smoothness and symmetry this bull is without a peer among the winners of late years. He represents some of the most valuable characteristics of the breed. Herds all through were well fitted and came with the intention of showing to their best advantage, so that Mr. McWhorter, of Alamo, Ill., found it not an easy task to place all classes in accordance with general opinion. It is probable some changes will be made in a few places at the next meeting. Eighty-six animals in all were shown by the following breeders: W. J. Miller, Newton, Iowa (25 head); Davis Bros., Maryville, Mo. (4 head); C. D. Hooker & Son, Maryville, Mo. (5 head); A. C. Binnie, Alta, Iowa (11 head); F. L. Sullivan, Afton, Iowa (3 head); Parrish & Miller, Hudson, Kan. (12 head); Wheatley & Ward, King City, Mo. (12 head); P. M. Culverton, Edgerton, Mo. (5 head); J. B. Withers, Missouri City, Mo. (11 head); Geo. Kitchen, Jr., Gower, Mo. (8 head).

AWARDS.

Aged Bull—First, Binnie, on Jim Delaney 62767; second, Sullivan, on Vala's Rosegay 63745; third, Withers, on Erroline's Rosegay 49763; fifth, Wheatley & Ward, on Maplehurst Proteros 47351; fourth, Wheatley & Ward, on Hale Lad 2d 42497. Two Rosegay bulls at second and third were strong individuals, but the reigning champion of the season was easily first.

Two-Year-Old Bull—First, Hooker & Son, on Blackbird Bentou 69611; second, Kitchen, on Louis of Meadow Brook 72459; third, Miller, on McDonald Lad 66952; fourth, Parrish & Miller, on Key 73172. A very uneven class in size; a ton bull was put second, however his weight was well placed. First choice was 200 pounds the lighter, with a trifle stronger lines and fine quality. Third choice had hardly sufficient refinement to crowd the winners.

Senior Yearling Bull—First, Culver, on Questor Lad 83369; second, Withers, on Bluegrass Ridge Ajax 76732; third, Kitchen, on Melbert 2d 84169; fourth, Davis Bros., on Heather Eraste 85412; fifth, Wheatley & Ward, on Lone Rock Leo 2d 77196.

Junior Yearling Bull—First, Culver, on Don of View Point 87199; second, Parrish & Miller, on Albertas 1st 77563; third, Binnie, on Elmar Lad 84122; fourth, Culver, on Royal Hypens 84120; fifth, Miller, on King Donald 80599.

Senior Bull Calf—First, Sullivan, on Beau Ito 94175; second, Davis Bros., on Elite Lad 95018; third, Miller, on Newton King Dodo; fourth, Kitchen, on Intensified 93993; fifth, Withers, on Miss Erie's Rosegay 94793. Quite a few of the nine calves that lined up here were rather plain and out of form for show. The most difficulty seemed in placing W. J. Miller's young bull, a strong calf, but a trifle off in his finish. Beau Ito was a much better appearing bull from the front. Intensified is a short-legged type and attractive, though a bit small.

Junior Bull Calf—First, Withers, on Dalgarno 94796; second, Binnie, on Even Lad 95008; third, Miller, on Erica Prince M. 94355; fourth, Kitchen, on Helmet A. 88992; fifth, Hooker, on S. O. Prime Lad. First

was an easy winner for being next to the ground with an evenly-covered, hocky form.

Aged Cow—First, Miller, on Snowflake 2d of Kirkbridge 61016; second, Binnie, on Gustie of Kirkbridge 61008; third, Kitchen, on Mina of Alta 3d 33589; fourth, Parrish & Miller, on Rutger Mina 2d 61094; fifth, Parrish & Miller, on Sunflower Happy 3d 54371. Tribute to the noted bull, Lotterer, was paid in the selection of first and second in this class. Not enough scale and finish in the last choices placed them at a disadvantage.

Two-Year-Old Cow—First, Kitchen, on Driftwood Rose 72992; second, Binnie, on Mina of Alta 5th 73111; third, Withers, on Grapewood Odessa 7th 72590; fourth, Parrish & Miller, on Sunflower Fairy 79585; fifth, Parrish & Miller, on Sunflower Happy 4th 70008. A very strong line with the most competition at the head of the list. Some, favored Mina of Alta for first, however. She had hardly as smooth a finish nor as inlaid a frame as the choice for first. The third placing is out of McHenry King 18th.

Senior Yearling Heifer—First, Binnie, on Blackbird Lassie of Alta 83368; second, Binnie, on Coquette Lass of Alta 83367; third, Miller, on Metz Ogarita 3d 83825; fourth, Sullivan, on Pay Ito 80350; fifth, Kitchen, on Beulah Brown 79012. Four out of the seven in this class were strong rivals and called for a close decision. Binnie's pair, however, are hard to heat for quality, condition and form, although Metz Ogarita had more weight to her credit, though she was a bit short of the required quality and finish to put her up.

Junior Yearling Heifer—First, Withers, on Bluegrass Ridge Dorcas 83095; second, Parrish & Miller, on Sunflower Happy Ito 83320; third, Sullivan, on Eoleon; fourth, Withers, on Bluegrass Ridge Dora 82676; fifth, Miller, on Metz Modesty 85687.

Senior Heifer Calf—First, Hooker & Son, on Erica Pride 2d 93787; second, Binnie, on Enna Lassie 2d 95002; third, Hooker & Son, on Blackbird Perfection 2d 93788; fourth, Binnie, on Coquette Lass of Alta 2d 95003; fifth, Miller, on Metz Labelma 4th 94352. Ten heifers made this a strong class and opinion was divided, many doubting the right of Messrs. Hooker's calf to be put ahead of at least two good ones below her. Mr. Binnie's two calves were reversed at Des Moines and the placing there was generally sustained.

Junior Heifer Calf—First, Binnie, on Queen Lass of Alta 3d 95007; second, Binnie, on Proud Lass of Alta 95009; third, Miller, on Snowflake's Queen 94354; fourth, Miller, on Metz Heather Bloom 94356; fifth, Hooker & Son, on Queen of South Oaks 2d 93795.

Senior Champion Bull—Binnie, on Jim Delaney 62767.

Junior Champion Bull—Culver, on Questor Lad 83369.

Senior Champion Cow—Kitchen, on Driftwood Rose 72992.

Junior Champion Cow—Binnie, on Blackbird Lassie of Alta 83368.

Grand Champion Bull—Jim Delaney.

Grand Champion Cow—Blackbird Lassie of Alta.

Aged Heifer—First, Binnie; second, Kitchen; third, Miller; fourth, Withers.

Young Heifer—First, Binnie; second, Withers; third, Parrish & Miller; fourth, Miller.

Calf Heifer—First, Binnie; second, Hooker & Son; third, Miller.

Get of Sire—First, Binnie, on get of Heather Lad of Emerson; second, Hooker & Son, on get of Eraste; third, Parrish & Miller, on get of Hale Lad; fourth, Withers, on get of Rosegay.

Produce of Cow—First, Hooker & Son, on produce of Blackbird of Denison 33; second, Parrish & Miller, on produce of Sunflower Hope; third, Culver, on produce of Alpha's Queen; fourth, Miller, on produce of Ogarita.

HEREFORDS.

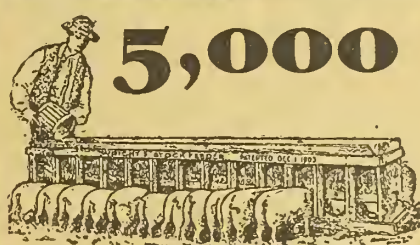
The showing of white faces was all that could be desired and was just what might be expected from the noted herds that were present. It is a great thing to produce a few animals of the desired type and quality, but when it comes to bringing out herds which were uniform throughout in type and quality it would seem as if the breeder had achieved his highest purposes. This was justly descriptive of several of the herds exhibited. Cargill & McMillan, of LaCrosse, Wis., made their usual consistent winnings and won new admirers as in the past, although their aged bull was not shown. For champion cow, Heliotrope, the aged female, was turned down and the place given to Miss Filler 2d, a Fulfiller heifer from the



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P. S. Remember my sale of Duroc Jerseys October 18th. My prize-winning hoar under six months at Iowa and my other winners go in this sale.

same herd. This caused some surprise. Mousel Bros. brought out a very uniform herd, the get largely of Princetps 4th. These are their own breeding and were fitted to stand in good company. S. L. Brock made a good display with his herd which was notable for its uniformity and this partly accounted for its consistent winnings. Classes were interesting and brought out some perplexing problems for the judge, Mr. Harris, of Harris, Mo., who did the placing in a very business-like and satisfactory manner. The handsome silver cup offered by Morris & Co. went to Bonnie Brae 3d after a contest with Privateer. The breeders appear herewith: Cargill & McMillan, LaCrosse, Wis. (18 head); Mousel Bros., Cambridge, Neb. (10 head); Cornish & Patton, Oshorn, Mo. (8 head); B. E. Carpenter, Helena, Mo. (7 head); Hugh Whitford, Guilford, Mo. (7 head); Yates Bros., Agency, Mo. (7 head); Klaus Bros., Bendena, Kan. (5 head).

AWARDS.

Aged Bull—First, Yates Bros., on Columbus 49th 125888; second, Whitford, on Imp. Kensington 111886; third, Carpenter, on Onward 12th 140941.

Two-Year-Old Bull—First, Cargill & McMillan, on Privateer 2d 182133; second, Mousel Bros., on Princetps Dictator 185082; third, Cornish & Patton, on Admiral Dewey 184255; fourth, Klaus Bros., on Fulfiller 3d 184731; fifth, Carpenter, on He's Columbus 185455.

Senior Yearling Bull—First, Cargill & McMillan, on Bonnie Brae 3d 203317; second, Cornish & Patton, on Weston Anxiety 242862; third, Cornish & Patton, on General Gomez 49th 242856.

Junior Yearling Bull—First, Brock, on Discoverer 212231; second, Mousel Bros., on Loyd's Bully Boy 211167; third, Yates Bros., on Gold Brick 210178; fourth, Carpenter, on Onward Lad 21st 214466; fifth, Klaus Bros., on Major 2d 227309.

Senior Bull Calf—First, Cargill & McMillan, on Fulfiller 3d 230508; second, Mousel Bros., on Princetps 1 Am 234599; third, Cornish & Patton, on Weston's Perfection 245126; fourth, Brock, on Discharger 233122; fifth, Cornish & Patton, on Anxiety Stamp 3d 245125. In the eight calves brought out for this class it was easy to see which ones were out of the money, being off in type compared with the short-legged, compact built of those taking places at the top of the list. The Fulfiller bull is hard to improve on and had a reasonably easy time to hold his place against a dark red, hardly as good as one might expect for being out of Princetps 4th. Third choice was a rather small calf, but a tidy one.

Junior Bull Calf—First, Mousel Bros., on Alto Hesiod 236293; second, Cornish & Patton, on Admiral Weston 245124; third, Brock, on Disporter 238025; fourth, Cornish & Patton, on Admiral Dewey 2d 245123. A close ring, though a small one, but setting forth some neat, hocky types. The first choice

is a bit at a disadvantage for being a trifle too high behind, which detracts from a strong top line, making the smooth-fashioned, low-set calf in second place a strong rival.

Aged Cow—First, Cargill & McMillan, on Heliotrope 159451; second, Cargill & McMillan, on Twilight 167464; third, Mousel Bros., on Mery Helming 180194; fourth, Carpenter, on Bessie Real 163636; fifth, Klaus Bros., on Ruby 93832. Three great types of beautifully-covered, massive females made this class a feature of the female showing. For second place the contest was close and both animals had their admirers. However, the Twilight cow was somewhat the better fitted. A large, hocky cow was given fifth place, being somewhat below the standard of the class in quality and symmetry of parts.

Two-Year-Old Cow—First, Cargill & McMillan, on Miss Donald 17th 184573; second, Cargill & McMillan, on Golden Lassie 182126; third, Mousel Bros., on Princetps Lassie 185083; fourth, Carpenter, on Miss Fairy 191488. This class was practically a counterpart of the one preceding; three elegant individuals that made it impossible for a plainer type like Miss Fairy to endanger their positions.

Senior Yearling Heifer—First, Brock, on Lady Ann 204905; second, Cargill & McMillan, on Ethel 2d 203170; third, Brock, on Lady Ruth 217109; fourth, Cargill & McMillan, on Crocus 2d 203169; fifth, Cornish & Patton, on Poinsettia 242860. Spoils as well as general opinion was about evenly divided in this class and competition was earnest.

Junior Yearling Heifer—First, Brock, on Lady Lucy 212289; second, Mousel Bros., on Princetps Flossie 207877; third, Mousel Bros., on Claud's Princess 211164; fourth, Klaus Bros., on Miss Donald 29th 208944; fifth, Carpenter, on Miss Fairy 2d 214458. A much less attractive class, from lack of uniformity in size and condition for the ring.

Senior Heifer Calf—First, Cargill & McMillan, on Miss Filler 2d 230514; second, Brock, on Disturber's Lassie 233124; third, Brock, on Lady Elfin 233127; fourth, Cargill & McMillan, on Miss Filler 4th 230516; fifth, Brock, on Lady Welmore 233131.

Junior Heifer Calf—First, Cargill & McMillan, on Miss Filler 6th 239659; second, Mousel Bros., on Princetps Lady 234597; third, Cargill & McMillan, on Miss Filler 5th 230517.

Senior Champion Bull—Privateer 2d.

Junior Champion Bull—Bonnie Brae 3d.

Senior Champion Cow—Heliotrope.

Junior Champion Heifer—Miss Filler 2d.

Grand Champion Bull—Bonnie Brae 3d.

Grand Champion Cow—Miss Filler 2d.

Aged Heifer—Cargill & McMillan won first with Privateer at the head. He was somewhat below the standard of the females, not having the type nor smoothness. Mousel Bros. won second with a strong bull at the head.

Young Heifer—First, Cargill & McMillan; second, Brock; third, Mousel Bros.

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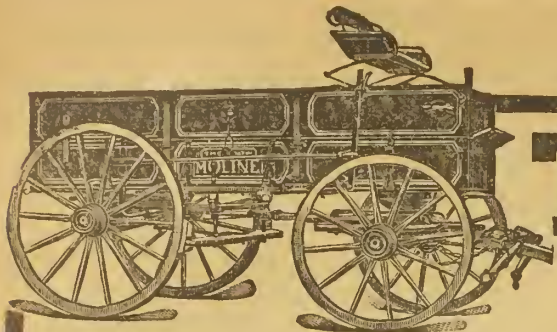
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Calf Herd—First, Cargill & McMillan; second, Brock.

Two Animals, Produce of Cow—First, Cargill & McMillan, on produce of Belle Donald 2d; second, Cargill & McMillan, on produce of Misties Pride; third, Brock, on produce of St. Anne; fourth, Cornish & Patton, on produce of Pansy 4th.

Four Animals, Get of Sire—First, Cargill & McMillan, on get of Fulfiller; second, Brock, on get of Disturber; third, Mousel Bros., on get of Princess 4th; fourth, Cornish & Patton, on get of Weston Stamp 16th. This last class was a good one and Mousel Bros. were strong rivals for second place, which was held by four animals somewhat in higher condition and a trifle more smooth and typy.

GALLOWAYS.

The Galloways came out with a showing that spoke well for the exhibitors, and an uncommonly strong lot graced nearly every class. If this breed continues to improve in this country as it has been doing, it would not be safe to place estimate on their future popularity. The young classes were the most striking, and quality with a most splendid robustness and sweetness of character were evident throughout this stuff. The C. E. Clarke herd, of St. Cloud, Minn., attracted much attention and took all the blue ribbons with the exception of the first two bull classes, where they made no entries. Worthy 3d, a bull bought in Scotland by Leslie Smith, sired the larger part of this herd and has reflected most excellent judgment on his purchaser. Pat Ryan of Red Cloud was an easy winner for champion bull, and is a strong individual. The superintendence was in good hands and the judging done by Marion Parr, of Harristown, Ill., passed off without a hitch, although competition was not lacking by any means outside of one or two classes. The list of breeders is as follows: L. W. Lindsey, Red Cloud, Neb. (10 head); C. E. Clarke, St. Cloud, Minn. (11 head); A. F. Craymer, Morris, Ill. (11 head); S. M. Croft & Sons, Bluff City, Kan. (12 head).

AWARDS.

Aged Bull—First, Lindsey, on Pat Ryan of Red Cloud 20038; second, Craymer, on Scottish Samson 23542; third, Croft & Sons, on Randolph 2d of Thornhill 19302.

Two-Year-Old Bull—First, Lindsey, on Ned of Red Cloud 26253.

Yearling Bull—First, Clarke, on Prince of Meadow Lawn 26343; second, Craymer, on Protector of Rivers 27193; third, Lindsey, on Nume of Red Cloud 27588; fourth, Clarke, on Gay Knight 26841.

Bull Under One Year—First, Clarke, on Meadow Lawn Meadalist 28750; second, Clarke, on Victor of Meadow Lawn 28746; third, Croft & Sons, on Randolph C.; fourth, Craymer, on Grandee of Rivers 28774; fifth, Croft & Sons, on Advancer. Six lads made this a handy class and while several showed a tendency to fall away over the crops and be too open on the shoulders, the line up was first class in quality and type.

Aged Cow—First, Lindsey, on Favorite 16th of Lochenkit 21205; second, Croft & Sons, on Miss Midget 23502; third, Croft & Sons, on Lady Hutchinson 23174; fourth, Craymer, on Princess Mable 23484. The blue went to a very good handler, low set and blocky, and quite an easy winner. Not as much size nor condition was evident in the others.

Two-Year-Old Cow—First, Clarke, on Loucy of Meadow Lawn 24818; second, Lindsey, on Lady Charlott 24814; third, Croft &

Sons, on Randolph Pride 25013; fourth, Craymer, on Prudie of Rivers 25413. Four first-rate patterns of the low-set, plump kind with a good showing of quality especially characterized the first placing.

Senior Yearling Heifer—First, Clarke, on Cora of Meadow Lawn 26833; second, Croft & Sons, on Blackie of Greenbush 27073; third, Craymer, on Standard Pet 27190; fourth, Lindsey, on Mollie C. of Red Cloud 26239. A very strong rival for first was placed second, being just a little too upstanding.

Junior Yearling Heifer—First, Clarke, on Beauty of Meadow Lawn 26830; second, Clarke, on Sadie of Meadow Lawn 26834; third, Craymer, on Mischief of Rivers 27191; fourth, Croft & Sons, on Midget of Greenbush 27071; fifth, Lindsey, on Nettie D. of Red Cloud 27584.

Senior Heifer Calf—First, Clarke, on Lady Belle 4th 28740; second, Craymer, on Darletta of Rivers 28762; third, Croft & Sons, on Trixie; fourth, Croft & Sons, on Viola of Greenbush. This made a very striking quartet of rich-coated lassies, which was a feature of the calf classes.

Junior Heifer Calf—First, Clarke, on Lady Douglas 3d 28745; second, Lindsey, on Lady Elgin 28843; third, Clarke, on Floss 2d 28741; fourth, Craymer, on Defender's Pet 28761; fifth, Croft & Sons, on Flossy Lee.

Senior Champion Male—Pat Ryan of Red Cloud.

Junior Champion Male—Meadow Lawn Meadalist.

Senior Champion Female—Favorite 16th of Lochenkit.

Junior Champion Female—Lady Douglas 3d.

Exhibitor's Herd—First, Lindsey; second, Craymer; third, Croft & Sons.

Young Herd—First, Clarke; second, Craymer; third, Croft & Sons; fourth, Lindsey.

Get of Sire, Four Animals—First, Clarke; second, Lindsey; third, Croft & Sons.

Produce of Cow, Two Animals—First, Clarke, on produce of Saturn of Wavertree; second, Clarke, on produce of Sony of Kilquhanity; third, Lindsey, on produce of Cherilee of Red Cloud; fourth, Croft & Sons, on produce of Midget of Wavertree.

Best Bull Any Age—Pat Ryan of Red Cloud.

Best Cow Any Age—Favorite 16th of Lochenkit.

FAT STOCK.

Although this department of the show was not extensive, it brought out some splendid types of good gainers and well-finished blocks. Competition was close enough, however, to give the classes considerable inter-

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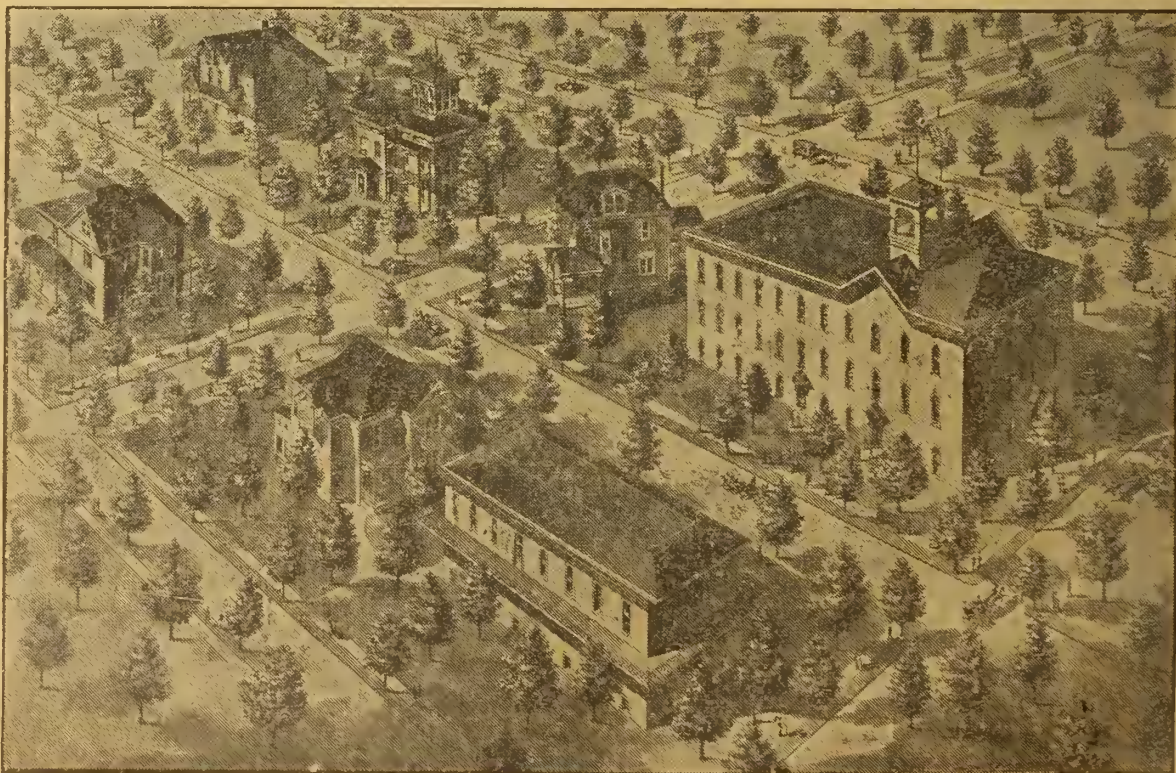
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est from spectators and study from the judges. Awards were made by local talent in a very satisfactory manner. Fred Stemm, Jas. Wyness and Levi Spencer, all of St. Joseph, acted on all the breeds and made the following decisions:

SHORT-HORNS—PURE BREDS.

Tim, a coming three-year-old, was the only entry in his class and was shown by the Kansas Experiment station. In the yearling



Southern Iowa Normal College. A Great School Surrounded With Unusual Advantages.

As this is the season of year when farmers' sons and daughters are casting about for a good place to attend school where a normal or business course may be secured at the minimum cost, the Southern Iowa Normal looms up as the one place where superior advantages are offered. This normal school was established at Bloomfield, Iowa, through the enterprise of public-spirited citizens in 1870, and since that time has been a potent agency in helping thousands of young men and women to prepare themselves for various useful positions in life. This school prepares the student for teaching, as well as giving a thorough common school, college preparatory, scientific, literary, classical, business, shorthand and musical course of instruction. The location is an ideal one. Bloomfield is the county seat of Davis county, Iowa, and is surrounded by a good moral influence, as well as being healthfully located. The present management, Profs. J. M. Hussey and H. C. Brown, are among Iowa's foremost successful educators. Both these gentlemen are old and experienced instructors and have the right ideas of conducting a normal business school. They have studied to bring the cost to the student down to the minimum. A representative of this paper has recently inspected the dining room and the cuisine is furnished to the students at from \$1.60 to \$2 per week, which is practically cost to the faculty. This board is maintained solely for the accommodation of the student. However, students may board wherever they like, as there is no compulsion about dining at the college dining hall. President Brown and his family dine at the same table as do the students, as well as other members of the faculty. The subject of our illustration represents the college buildings at Bloomfield, which are delightfully located and well lighted and ventilated. The new catalog, or complete bulletin for 1906-7, is now ready to mail to all applicants who say they saw this school advertised in this paper. Students from a distance have their railroad fare paid. Certainly this is a point not to be overlooked by scholars who wish to attend from a distance. As soon as corn husking is over there will be some four months that farmers' sons could well devote in securing a business course at the Southern Iowa Normal College. Write the Southern Iowa Normal College, Bloomfield, Iowa, for the new bulletin.

The "DEAN" Ear Corn Slicer

Any Farmer or Cattle Raiser should appreciate the advantage of slicing or chopping ear corn for stock. The health of all animals requires it. Feeder today know that grain should be mixed with "roughness." The cob is the best mixture for calves and steers. "The Dean" Slicer soon saves its price in cob feed alone. Also saves time. Chops ears in 1/2 to 2 1/2 inch slices and cuts from 30 to 40 bushels an hour. Calves thrive on the small slicing. It's so easily geared that even a boy can run it or any power can be attached. Elevator attachment to bin or wagon. Prices and terms very reasonable. Write today, for your stock's sake.

Soon Pays for Itself

Enterprise Wind Mill Co., 24 Main St., Sandwich, Ill.

class Thomas, Jamison & Mitchell won over Lord Hanna shown by the Kansas station, with Coleridge, sired by Orange Viscount. Colonel Harrimon, shown by the station was the only entry for the class under one year.

Sweepstakes—Kansas Experiment Station, on Tim.

GRADE SHORT-HORNS.

Two-Year-Old Steer or Heifer—First, Leeper Bros., Maitland, Mo., on Judge Leeper.

Yearling Steer or Heifer—First, Kansas Experiment station, on Pride of the Maples. Steer or Heifer Under One Year—First, J. F. Stodder, Burden, Kan., on Thomas. Sweepstakes—Pride of the Maples.

HEREFORDS—PURE BREDS.

Two-Year-Old Steer or Spayed Heifer—First, Cargill & McMillan, on Roundup; second, Brock, on Dispersion.

Yearling Steer or Spayed Heifer—First, Cargill & McMillan, on Fair Lad 1st 203171; second, Kansas Experiment Station, on Meryman 209605.

Under One Year—First, Cargill & McMillan, on Fulfiller 6th 230511; second, Brock, on Rare Roast; third, Mousel Bros., on Principal 234601.

Best Steer or Spayed Heifer—Roundup.

GRADES.

Two-Year-Old Steer or Spayed Heifer—First, C. V. Hull, Platte City, Mo., on Mitchell; second, Yates Bros., on Sunny Jim; third, Hull, on Pride of Platte.

Yearling Steer or Spayed Heifer—First, Cornish & Patton, on Goggles; second, Yates Bros., on Dobber.

Steer or Spayed Heifer Under One Year—First, Cargill & McMillan, on Bonnie. Sweepstakes—Hull, on Mitchell.

ABERDEEN ANGUS.

Two-Year-Old Steer or Spayed Heifer—Miller, on Dutch Lad 1329.

Yearling Steer or Spayed Heifer—First, Hooker & Son, on South Oaks Chance 1333; second, Miller, on Metz Prince 1336; third, Miller, on Highball 1426.

Steer or Spayed Heifer Under One Year—First, Kansas Experiment Station, on Ideal; second, Davis Bros., on Valley Home; third, Miller, on Proud Lad 1450.

Sweepstakes—Dutch Lad.

GRADES.

Two-Year-Old Steer or Spayed Heifer—First, Miller, on Louie; second, Kansas Experiment Station, on Kansas Laddie; third, Miller, on Wild Tom.

Yearling Steer or Spayed Heifer—First, Miller, on Black Prince; second, Miller, on Black Victor; third, Hooker & Son, on South Oaks Eber.

Steer or Spayed Heifer Under One Year—First, Hooker & Son, on South Oaks Josie; second, Miller, on Novice; third, Miller, on Victor.

Sweepstakes—Black Prince.

GRADES AND CROSS BREDS.

SPECIAL PREMIUMS, SWIFT & CO.

Steer or Spayed Heifer, Two Years and Under Three—First, Hull, on Hereford; second, Miller, on Angus; third, Leeper Bros., on Short-horn.

Steer or Spayed Heifer One Year and Under Two—First, Miller; second, Kansas Experiment Station; third, Cornish & Patton.

Steer or Heifer, Six Months and Under One Year—First, Cargill & McMillan, on Hereford; second, Davis Bros., on Angus; third, Stodder, on Short-horn.

Championship Cup—For best steer, open to all classes, given by Swift & Co., W. J. Miller, on Dutch Lad.

Hammond Packing Company—\$50 to best car load fat steers or heifers, any breed, one year and under two, Wertz Bros., Alma, Neb., on Short-horns.

Davis & Son Specials—For best carload fat cattle any age or breed: First, Wertz Bros., on Short-horns; second, Thomson, Bohart Ranch, on Herefords.

Beside these specials the Lee Live Stock Commission Company offered prize on best car load fat cattle any age or breed, won by Wertz Bros.

The St. Joseph Cattle Loan Company offered prize of \$25 to best car load feeders any age, won by Thomson, Bohart Ranch.

CAR LOTS.

In the Short-horn classes Wertz Bros., of Alma, Neb., had a car load of prime red steers and one of spayed heifers equally as good. Both loads were bought at the Colorado fat stock show in February and have been on feed since, being under two years of age. They are range-bred stuff and their uniformity in size, quality and color made them a very attractive lot. The steers were awarded the following prizes by the same

talent that made the fat cattle awards Best car load steers or heifers under three years, also same two years and under three. The lot of heifers were given second place in the former class.

Among the Herefords, Drake Bros., of Frankfort, Kan., won first in the car loads under three years. These were S. M. S. stock, bred right next to the ground and well fleshed. Second to C. V. Hull, Platte City, Mo., on a load of older steers possessing more scale, but a trifle less finish and quality.

The car load of feeding cattle went to the Thomson, Bohart Ranch, on a load of white faces sired by bulls from the ranch of Governor Sparks, of Reno, Nevada.

David Rankin, the noted steer feeder and corn grower, of Tarkio, Mo., made the awards on the feeder car loads.

SALE OF CAR LOTS.

Mr. Gross, of St. Louis, auctioned off these cattle and incidentally sold before commencing that the show at St. Joseph was one of the best he had ever seen for the first attempt.

Drake Bros.' Herefords, seventeen in the lot, sold for \$6.35 to Swift & Co.

A load of Wertz Bros.' steers, which have the reputation of being market toppers, brought \$7.25. Their heifers were sold for \$6.30.

Thomson, Bohart Ranch got \$4.25 on a load of Hereford feeders.

Dispenser, the fat Hereford steer shown by S. L. Brock, was bid up to \$7.60, while Rare Roast brought \$10.

HORSES.

PERCHERONS.

Mr. A. C. Hood, of Westerville, Ohio, judged this breed and although the classes were small he found some very difficult decisions to make. McLaughlin Bros. made the largest showing, among which was Faison, a winner at the French Government Show, but unplaced in the aged stallions here. Competition in this class was strong and it was a long while before the judge was satisfied with his decision. Lamplon, owned by Louis F. Swift, the pride of St. Joseph horsemen, met defeat at the hands of Dagada, and opinion was varied in regard to this decision, as the former stallion is about correct in conformation and straight and strong in his underpinning. Those showing were McLaughlin Bros., St. Joseph, Mo. (10 head); Louis F. Swift, Chicago (1 head); Schwalen & Son, Clarksdale, Mo. (2 head); Finch Bros., Joliet, Ill. (1 head); J. F. Rolifson, Maryville, Mo. (1 head).

AWARDS.

Aged Stallion—First, McLaughlin Bros., on Dagada 41293; second, Swift, on Lamplon 40309.

Three-Year-Old Stallion—First, McLaughlin Bros., on Negrillon 4137; second, McLaughlin Bros., on Brutus 41233.

Two-Year-Old Stallion—First, McLaughlin Bros., on Clochtran 41301; second, McLaughlin Bros., on Van Dyck; third, Rolifson, on Phoenix.

Champion Stallion Any Age—Dagada. The Percheron Registry Special added \$100 to this prize.

BELGIANS.

A. B. McLaren, of Chicago, made the Belgian awards and placed much stress on quality and action. But three classes were brought out for adjudication and in the aged stallion group there was considerable rivalry between a massive roan finally placed second and a horse of less size and compactness, but combining quality, scale and action very harmoniously.

AWARDS.

Aged Stallion—First, Finch Bros., Joliet, Ill., on Franceour; second, McLaughlin Bros., Kansas City, Mo., on Pierre de Baron 2214; third, Finch Bros., on Pequavine.

Three-Year-Old Stallion—First, Finch Bros., on Fraseur.

ENGLISH SHIRES.

Finch Bros., of Verona, Ill., were the only exhibitors, and Barnfield All Fours, the champion at Minnesota this year, was unable to show, allowing the championship to go to Stuntney Bounder. Mr. A. B. McLaren, of Chicago, Ill., placed the awards.

CLYDESDALES.

But one stallion, Baronmeter, owned by McLaughlin Bros., was entered, and given the two prizes offered in this breed. He is a horse of wonderful quality.

MULES AND JACKS.

Only a few of these were shown. However, they were all good specimens and classes should have been better patronized in one of the greatest mule raising states of the union. S. B. Utz, of St. Joseph, made the awards, which were as follows:

Best Mule Any Age—First, Frank Sweet, St. Joseph; second, Peter Podvant, St. Joseph.

Best Pair Mules Any Age—First, Frank Sweet; second, Peter Podvant.

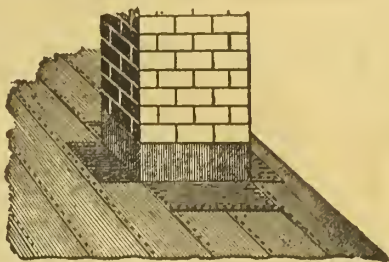
Best Jack Any Age—First, Donovan & Swift, Chicago, on Geo. Waller; second, Yates Bros., Agency, Mo., on Dewey.

SWINE.

The exhibit of swine was limited in respect to numbers, but for quality it equaled the highest expectations. It was hinted before the show was opened that there might be danger of loss from faulty sanitation. However, those who inspected the quarters could not ask for a better situation or a safer guarantee against such a contingency. The best breeders have patronized the show with their best stock, which points to better things for the future. The three-judge system was in force. The judges were J. J. Ferguson, Chicago; W. E. Spicer, Bushnell, Ill.; and L. H. Roberts, Paton, Iowa. Judging passed off nicely and classes were generally interesting. Three head of Hampshires were shown by G. S. Lawson, Ravenwood, Mo., and eighteen head of Berkshires by Etzler & Moses, of Decatur, Ind. These were good

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FLASHING RUBEROID ROOFING AROUND CHIMNEY

strip of ROOFING about twelve to fourteen inches wide. Straight-slit this strip about half-way up at the point where it goes around the corner of the chimney. Coat thoroughly with RUBERINE the underside of the strip and, pressing closely into the angle, bend it around the chimney.

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The pliability of Ruberoid especially adapts it for all work where bending or folding is necessary. Stiff roofings crack when bent, and create leaks.

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the same as Ruberoid. Do not accept any roofing that is not put up in rolls bearing a black-and-white label exactly like that shown in cut. As a further safeguard, we stamp our registered trade mark "RUBEROID" on the underside of every sheet, every four feet. We are the sole manufacturers of Ruberoid Roofing, and it can only be obtained from our authorized agents. Write and we will tell you who is our nearest agent to you. There is only one Ruberoid. Contains no tar or paper. Will outlast metal or shingles. Easily applied.

The first Ruberoid Roofs laid, fifteen years ago, are still giving satisfactory service. It costs no more than a poor roofing. Needs no paint when applying.

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representatives of the breed. The total number shown of all breeds was 140.

DUROC JERSEYS.

Two score of the popular red hogs made up the showing of this breed and were very representative of the refined type of long, smooth-sided, fat back now being sought by the best breeders. Most of the firsts were carried away easily by J. E. Mendenhall, of Fairbury, Neb., while C. A. Wright was a close rival in some of the classes.

AWARDS.

Boar Twelve Months and Under Eighteen—First, Mendenhall, on Butter Orion 48579; second, Wright, on Blue Valley King.

Boar Six Months and Under Twelve—First, Mendenhall, on Leander; second, Wright.

Boar Under Six Months—First, Mendenhall; second, Wright.

Sow Two Years Old—First, Wright, on Little Beth 61032.

Sow Over Twelve Months and Under Eighteen—First, Mendenhall, on Blue Valley Queen; second, Mendenhall, on Carroll Lady; third, R. W. Murphy, on Ohio Lady.

Sow Six Months and Under Twelve—First, Mendenhall, on Marti Lady; second, Murphy; third, Mendenhall, on Lolita.

Sow Under Six Months—First, Wright; second, Murphy; third, Mendenhall, on Inter Lassie.

Champion Boar One Year or Over—Blue Valley King.

Champion Boar Under One Year—Leander.

Champion Sow One Year or Over—Little Beth.

Champion Sow Under One Year—Lodi Marti.

Four Animals Get of Sire—First, Mendenhall, on get of Belle's Chief; second, Wright, on get of Challenger.

Four Animals Produce of Sow—First, Mendenhall, on Miss Crimson; second, Wright, on Cerle.

POLAND CHINAS.

Dawson, Bros., of Endicott, Neb., had the largest exhibit in this breed and on account of the excellent type and uniformity of this herd their winnings were consistent, taking first in nearly every class. This herd included Hunch 82237, the 1,000-pound boar that attracted so much attention at this year's Nebraska fair. Many firsts at that fair were secured by this herd. They were closely seconded by Gates & Hunt, of Ravenwood, Mo., with eighteen very useful head. The sequel of the awards are presented in the championship prizes, which are as follows:

AWARDS.

Grand Champion Boar Any Age—Dawson Bros., on Grand Look.

Grand Champion Sow Any Age—Dawson Bros., on Wansee.

Four Animals Get of One Sire—First, Dawson Bros.; second, Gates & Hunt.

Four Animals Produce of Sow—Gates & Hunt.

Boar and Three Sows Over One Year—First, Dawson Bros.; second, Gates & Hunt.

Boar and Three Sows Under One Year—First, Dawson Bros.; second, Gates & Hunt.

CHESTER WHITES.

This breed sustained its reputation for ex-

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We sell these splendid buggies direct to you, at lowest factory price. Saves you one-half.

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"Old Hickory" buggies have quality, have style, have finish, and that lasting quality that no other buggy can equal. You will be surprised at the low factory prices. Write for Catalog today.



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cellence with a nice display of well-bred and fitted animals and merit is accurately reflected in the following awards:

Grand Champion Boar—J. J. Hall, on Missouri Chief 13466.

Grand Champion Sow—S. D. Frost, on Gretchen.

Get of Sire, Four Animals—First, S. D. Frost & Co., on get of Missouri Chief; second, Hall, on get of Missouri Chief; third, L. L. Frost, on get of White Oak 10029.

Produce of Sow, Four Animals—First, Frost & Co., on produce of Curly Girl 16322; second, L. L. Frost, on produce of Pink 3924; third, Hall, on produce of Greedy Bet.

Boar and Three Sows Under One Year—First, S. D. Frost; second, Hall; third, L. L. Frost.

Boar and Three Sows Any Age—First, Hall; second, S. D. Frost; third, L. L. Frost.

FAIR NOTES.

Chandler Bros., of Kellerton, Iowa, made the only sheep exhibit with eleven head of their Shropshires. Their great show ram attracted considerable attention.

C. E. Clarke cleared nearly \$800 in prize money with his two herds, Short-horns and Galloways. No stinting prize money was shown anywhere by the management and aside from the regular premiums there was about \$1,000 offered by commission firms and packers, while the French Coach Horse Registry Association put up prizes amounting to over half that sum.

The new railroad rate law is working much mischief by compelling exhibitors to pay special rates on chests and other paraphernalia needed to accompany them. It would seem as if the spirit rather than the letter of the law could well be substituted in this case.

A commendable part of the stock display was the grand parade of winners at the close of the contest. The great tent arena was crowded with the best stock in the country.

The posters for the show had for the central figure, the picture of Lamplon, the pride of St. Joseph horsemen. Five photographs were taken to secure his correct conformation, after which a painting was secured for \$150. From this the original cut was made in colors for \$480.

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A Subject of Interest to All Feeders.

EXPERIMENT Station Bulletins are unanimous in their claims, based on many careful tests, that a good tonic or Stock Food is both profitable and positively necessary to the feeders of today, but the great objection is "they cost too much." "Should be bought for about one-half of the usual price." Farmer's Bulletin 73 and 144, Dept. Agt., Washington, D. C., show how Stock Foods are usually made, using about 90 per cent cheap "filler." You have a good "filler" of your own. We give you here a formula proven and guaranteed as The Best Stock Food Ever Known.

Formula:

50 lbs. Common Bran, Chop or Meal.
5 lbs. Common Salt. Mix and add a
50 cent package of Arabian Stock Food Tablets. Costs you only 50 cents for 50 lbs.

Arabian Stock Food Tablets are made from the seeds of wild flowers—the most reliable remedies known to medical science—reduced to extract form for economy. Send 50c to The He-Saw Chemical Co., 835 Schofield Bldg., Cleveland, O., for Trial Order (sent prepaid and guaranteed) including a Co-operative Advertising Certificate good for a free order and other premiums in return for recommending the Tablets, if you like them.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

EYE DISEASES OF CATTLE.

I have four head of cattle, three yearlings and one two-year-old, that have sore eyes. Some of the neighbors call it pink eye. Is there any such disease and if so, what is the treatment?

So-called "pink-eye"—properly termed "contagious ophthalmia"—presents the following effects:

Symptoms.—Adult, young cattle and calves first show swelling of the eyelids accompanied by weeping. Redness of membranes of eyelids and "haw" becomes apparent, creamy discharge follows and in three or four days a clouded spot shows in center of eye and gradually spreads until "sight" of eye becomes milk-colored. Changing from milk-color to pearl tint eye may become yellow, bulge, show blood-shot streaks, form an abscess and burst, leaving a ragged ulcer, or commence to clear up and finally recover. Slight ulcers may heal by granulation, but extensive ruptures and ulcers often lead to loss of sight. Fever and some loss of appetite is present, especially in young cattle, for a week or more from time of first attack and dairy cows may shrink in milk production.

Treatment.—The disease being "catch-

Lump Jaw

The first remedy to cure Lump Jaw was

Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in

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Kills Hog Lice

FROM the great hog raising state of Iowa, where they have made a special study of the plague, comes this unequivocal testimony:

Iowa Agricultural College

"We had an outbreak of hog cholera but we stopped it. We attribute our success in no small way to the use of Zenoleum."

W. J. Kennedy, Prof. of Animal Husbandry.

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Why should you? If the cholera attacks your herd you may lose them all. Forty-three of the Agricultural Colleges, whose business it is to find out the best methods of dealing with this plague, are now using and recommending Zenoleum. Is it not just common sense for you to follow their advice?

Write Today for Piggie's Troubles.

This is our 64-page free book which shows you why Zenoleum is used by the Agricultural Colleges, why it renders hogs immune to cholera, why it checks the disease when it has once taken hold, why leading hog raisers and feeders everywhere as well as the Agricultural Colleges are using it.

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One Gallon Zenoleum, sent prepaid, \$1.50.

Five gallons, prepaid, \$6.25

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A SAFE CURE is what I will give you beyond doubt if your case is curable; if not, I will not accept your money and promise to do anything for you. The best reference I could give as to professional reliability is the many cured, satisfied patients I classify, and prove that my Pelvic Methods cure when others fail to even benefit.

Guarantee to Refund Money—No Chance to Lose if You Do Not Get Value Received.—My patients receive a written agreement that I shall return what they pay me for services if they do not receive a complete, permanent and satisfactory cure, and my guarantees are secured by a deposit of \$500 in the Century Savings Bank of Des Moines, Iowa. Consultation Free, Confidential and Invited, both at my office and by correspondence. My charges are reasonable, and I make terms that enable my patients to conveniently pay me. Do not treat elsewhere until you have investigated my methods and terms. Office hours during week, 9 a. m. to 8 p. m. Sundays, 10 to 1. Address or call on

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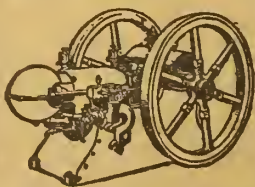
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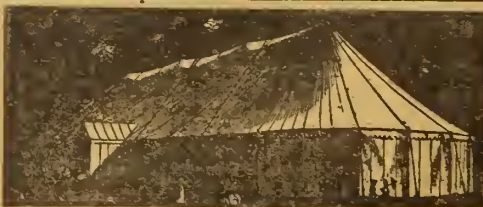
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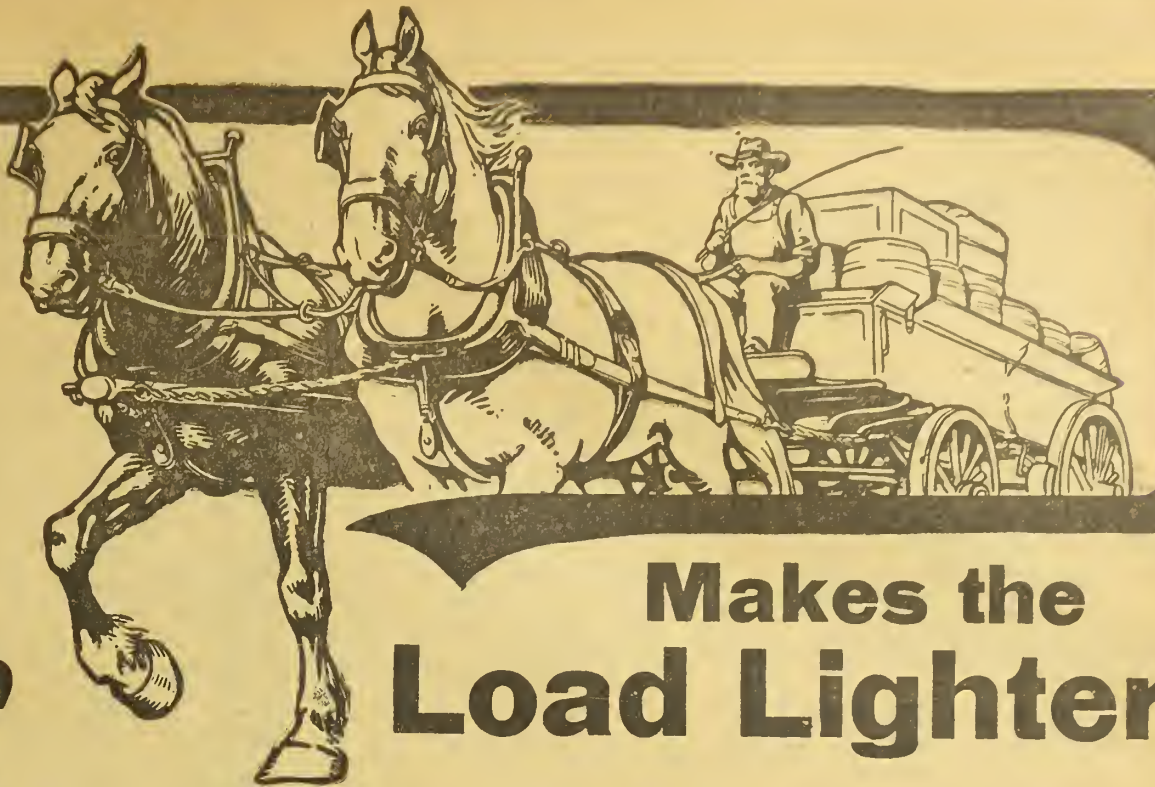
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MARRY Photos and addresses of rich and handsome people who want to marry, sent free, sealed. Write to day. THE PILOT, Dept. 24 168 N. Hemlin Ave., Chicago, Ill.

When writing please mention this paper.

Mica Axle Grease



Makes the Load Lighter

An ounce of grease is sometimes the ONLY difference between profit and loss on a day's teaming. YOU KNOW you can't afford a dry axle--do you know as well that Mica Axle Grease is the only lubricant you can afford? Mica Axle Grease is the most economical lubricant, because it ALONE possesses high lubricating property, great adhesive power, and long-wearing quality. Hence, the longest profitable use of your outfit is to be had ONLY when the lubricant is Mica Axle Grease.

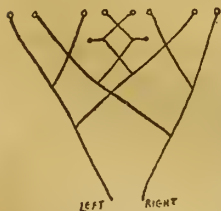
Mica Axle Grease contains powdered mica. This forms a smooth hard surface on the axle, and reduces friction, while a specially prepared mineral grease forms an effective cushioning body between axle and box. Mica Axle Grease wears best and longest--one greasing does for a week's teaming. Mica Axle Grease saves horse power--consequently saves feed. Mica Axle Grease is the BEST LUBRICANT IN THE WORLD--use it and draw a double load. If your dealer does not keep Mica Axle Grease we will tell you one who does.

STANDARD OIL COMPANY



HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

Mr. Hugh Minnich, of Wisconsin, sends the Breeders' Gazette the following device for arranging the lines for four horses abreast. He writes: "I have read with interest the articles about driving four horses abreast that have been in recent issues of your journal. I have tried all the different ways mentioned and find that some work all right when going straight ahead with old steady horses. The trouble comes in turning around, or when you have one or more fast horses you wish to hold back. I have a way which is satisfactory with all horses and in all places. Hitch each team as ordinarily. Put a spreader strap with a snap on it on the outside of each inside horse. Run their outside lines through the rings in the spreader straps, then snap the spreader straps in the opposite hame rings. This allows horses more freedom in turning around than when tied together, and are always under the control of the driver. Have the harness maker make two lines three feet long with buckles on each end. Buckle these to the inside horse's lines instead of the long team lines. Cross them and buckle to the outside long lines. This sounds rather complicated, but is very simple, as I have used it exclusively in driving four horses abreast, three of which were green colts, though of the more gentle breeds, being purely bred Percherons and French Draft. To make it more clear, I send you a drawing of how the lines are arranged."



Several devices have been invented for bringing the mail from the farmer's gate to the house, but a Virginia correspondent in the Rural New Yorker seems to have carried off the plum thus far. As shown in Fig. 1 he has attached the rear

wheel, sprocket and frame to a post. The tire has been removed from the wheel so that the felly or rim carries the No. 9

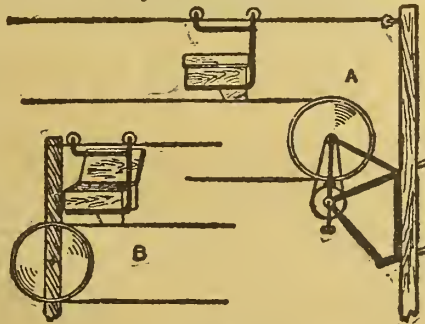


Fig. 1.

galvanized belt wire to the other wheel at the gate. Above the belt wire is heavy No. 9 wire that supports the mail box. It will be readily seen that the use of the bicycle wheel and sprocket is useful since considerable speed may be given to the mail box with comparatively little effort. A. A. S. reports that this device carries his mail from the gate some 250

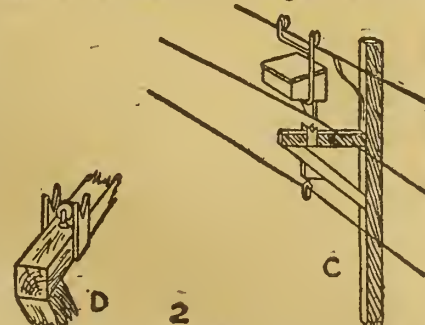


Fig. 2. Details of Mail Box on Wire.

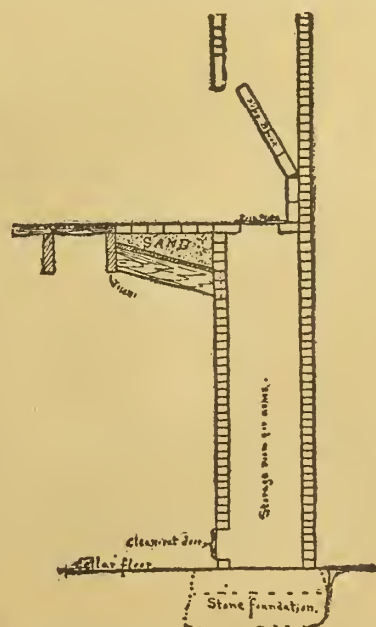
yards distance from the house. Owing to the distance intermediate posts are placed at every 50 or 60 yards. One of these is illustrated in Fig. 2 and shows how the support is given to both trolley and belt wire. The inventor states that he did all of the work himself, and necessary material did not cost more than \$5.00.

Frequent inquiry about the construction of a fireplace, which is again coming into style, calls out the following from the Rural New Yorker, by J. M. Drew,

of Minnesota: "The lower cut, a section of chimney and fireplace, shows how the fire brick should be set to make a narrow throat toward the front of the fireplace. This throat or opening should extend across the entire width of the fireplace, from side to side, but should be not more than two or three inches wide. This has the effect of making a strong draft at the front and will not allow any smoke to get past it. If the whole size of the flue is left open, some of the smoke is almost sure to roll out, as the flue gets enough draft without making a very strong pull at any one place. Narrowing the opening into a flue has the same effect as using a nozzle on a hose; it gives more force where it is



wanted. In a flue a certain amount of air is continually rising; by narrowing the opening a strong draft is caused through the opening. This sketch also shows the way the sand box is supported under



ported by pieces of two-by-six spiked to a joist and let into the chimney. The hollow foundation of chimney is used as a storage place for ashes. This is a great convenience, as the fireplace may be cleaned in a moment by moving the iron plate and sweeping the ashes into the hole. The clean-out door at the bottom is large enough so that a common shovel is used to get the ashes out. A fireplace should have a flue in the chimney separate from that used for furnace or stoves. An inside chimney, that is, one built in the middle of the house, always has a better draft than one built into the outside wall, as it is kept warmer. An outside chimney often does not draw well when fire is first started, but does better after it becomes warm. The first cut shows how the fireplace looks from the front. The inside is lined with fire brick set in fire clay mortar. The other brick work is of gray pressed brick. The arch is almost straight and rests upon two pieces of channel iron which are let into the wall on each side."

Belgians at Iowa State Fair.

Our attention has been called to the fact that in our report of the Iowa State Fair some injustice was done this notable draft breed of horses. Our representative considered the Belgians on the whole a little rough and expressed himself as believing that some of them were unsound. He did not take into consideration the fact that nearly all the Belgians at the Iowa State Fair were newly imported. Some of them, it seems, came directly from the sea-coast to Des Moines. They were therefore gaunted up, somewhat chafed and in a few instances bruised. A representative of this paper has since looked over these same horses and pronounces them as smooth a lot as have been brought out in recent years.

Farmers are now talking more about alfalfa than in years past. The belt in which this valuable grass can be grown is widening annually and more farmers are becoming converts yearly. The value in this crop can only be known by those who have been successful in its production.

The Iowa gate - FOR THE FARM -



A small child
can open or close it

IOWA gates are more than a convenience if women or children ever use them for being so simple they are very light and can easily be swung either way.

The Rolled Steel Tubing Frame makes them strong; not gas pipe or common steel but an extra hard steel tubing that will not bend out of shape.

The IOWA gate is made to last—no castings to break—no wearing parts—even the wires have galvanized stretchers to tighten them. Will raise over the snow in winter—will not blow down, burn or rot out.

Made any length and any kind of wire. Cheaper Than Wood. So write today for our low prices.

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SCHIFFMANN'S ASTHMA CURE
Instantly relieves the most violent attack and insures comfortable sleep. NO WAITING FOR RESULTS. Being used by inhalation, its action is immediate, direct and certain, and a cure is the result in all curable cases. A single trial convinces the most skeptical. Price, 50c, and \$1.00 of any druggist, or by mail. Samples Free for stamp.
DR. R. SCHIFFMANN, St. Paul, Minn.



PATENT YOUR IDEAS

\$100,000 offered for one invention; \$8,500 for another. Book "How to Obtain a Patent" and "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense.
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IT CURES ROUP

AND other poultry diseases. Cholera, canker, inflammation of the throat, frosted combs, chicken pox and gapes. That is what Morris' Antiseptic Amalgamation will do. This great poultry remedy is guaranteed. Wanted, one person in each community to try it. Also agents. Write
Jos. Morris & Son, Mfgs., Montezuma, Ia.



THE FAMOUS OLD TRUSTY

More than your money's worth in incubators during the summer. We have them all beat; 40, 60 or 90 days to prove it. 5 year Guarantee.
Now is the time to write to
M. M. JOHNSON, The Incubator Man,
Clay Center, Neb.

POULTRY.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.
FOREST HOME POULTRY FARM,
Box 253, Audubon, Iowa.

400 SINGLE and Rose Comb Brown Leghorns, Silverlaced and White Wyandotte cockerels, hens and pullets, bred from prize winners, at \$3 to \$10 per dozen. Guaranteed as represented. Indian Runner ducks and Buff Cochins bantams. Mrs. Will Michael, Selma, VanBuren county, Iowa.

ROSE COMB WHITE LEGHORNS.
EGGS 75c, per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, lending strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia

SILVER LACED WYANDOTTES.
EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

SINGLE Comb Brown, White and Buff Leghorn cockerels for sale at 75c each, from pure winners. F. E. Garrett, Lohrville, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings. \$1.50 to \$3 each. Mrs. L. M. Estes, Audubon, Ia. Route 2.

DOGS.

English Fox Terriers

I AM pricing very fine pups of either sex, all bred from recorded parents. Best strains known. All nicely marked. Write me.
S. J. MILLER, KIRKSVILLE, MO.

THOROUGH-BRED fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATSI My Scottish Terriers will make them git. Very fine female puppies from recorded parents for sale. S. W. Harr, Riverside, Iowa.

When writing please mention this paper.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

Albumen For Poultry.

To the Editor of The Homestead:

People who have trouble with their hens not laying in winter should feed them albumen. Albumen is an organic substance found in the composition of the bodies of all animals. It is more or less fluid in its natural condition, and is coagulated or hardened by the action of heat, alcohol, mineral acids and metallic salts. It is most familiar to us in the white of eggs, which is nearly pure albumen. It is also found in the blood of man, and all other animals, in the chyle and lymph, and in various other fluids of the animal body.

At some of the great packing houses which slaughter hundreds and thousands of cattle, sheep and hogs each day, large manufactories are established for working up those parts of the animal not marketable as food. The hoofs, horns, etc., are all used for various purposes. Pepsin and other substances used in medicine are made from the stomach, pancreas, etc., and what is left is turned into fertilizer. The blood is either dried as a whole, or the albumen is taken out and prepared in a dry state. It constitutes something over half of the solid portion of the blood. We are told that it is difficult to remove the red coloring matter entirely, so the prepared albumen still retains that color and hence is sometimes called "red albumen."

Otherwise it is called blood albumen. The genuine article resembles onion seeds. I have seen a red powder called "red albumen" which I think was a fraud. The directions for feeding, according to my method are as follows:

Take one pound of albumen and one pound of finely ground black pepper, mix and keep in a closed receptacle in a thoroughly dry place. Every morning for every twelve hens take one pint of wheat bran and one pint of corn meal well mixed; add to this two teaspoonfuls of the mixed albumen and pepper, then add enough hot water to dampen the food without making it sticky. Mix thoroughly with the hand and feed hot. Of course the fowls should have gravel or oyster shells, green bone, scraps of meat and green food, such as cabbage leaves, etc., and plenty of fresh water. For scours in calves we found albumen the best remedy we have ever tried giving one tablespoonful in their milk every evening. Two or three evenings have usually proven to be all that was necessary, but remember first to dissolve the albumen in a cupful of hot water, before putting it in the milk.

Dannebrog, Neb. A. F. Sorensen.

Runner Ducks.

My flock of fifteen Indian Runner ducks averaged 120 eggs last year, beginning to lay in February and laying through September, says Mr. M. G. Feint, of Cortland county, N. Y. They had no especial care or attention, having generally one feed a day when the weather was warm enough to get on their runs.

The average was greatly lowered by the presence of two ducks that were hatched in October, 1905, and never got to be of good size. They did not begin to lay until May. I could tell their eggs by the size and did not allow any of them to be used for hatching.

I am still as sure as ever that they are the most profitable birds for the farmer to keep, and only regret that it is not convenient on account of the range to keep hundreds of them. They are so cheaply fed, while producing such a number of eggs that may be sold at fancy prices. I know of two flocks of early spring hatch that laid all the fall, their eggs being shipped to New York for five cents more per dozen than fancy hens' sold for.

My flock averaged about \$6 each, the eggs nearly all being sold for hatching, except what we used in the family. This does not include any of the young ducks and independent and the eggs are very large and of the finest quality.

Use for Fowls in the Philippines.

In the Philippines every man, woman and child has a fighting cock and some of them possess a dozen. At Ma-

Rex Flintkote ROOFING

"Making Poultry Pay"

is the title of a valuable illustrated book, written by P. H. Jacobs, Editor of the "Poultry Keeper." It tells how to care for all kinds of poultry, how to get the best results in chicks, eggs and market fowls. It tells how to prevent and cure poultry ailments, and how to properly house and yard poultry to keep them in prime condition. It also shows the peculiar adaptability of Rex Flintkote Roofing for roofs and sides of poultry houses, and gives photographs of many successful poultry houses where it is used.

This book will be mailed to any address upon receipt of 4c. in stamps simply to pay postage and packing. Rex Flintkote Roofing is long-wearing, water-proof, fire-resisting and a non-conductor of heat and cold. It can be laid by an ordinary farm hand.

Send for Free Samples

If your dealer hasn't the real Rex Flintkote with the "Look for the Boy" trade mark on the roll, stop, sit down and write to us for the name of a dealer who has. We will send you also samples to test, and a complete booklet on roofing. Everything to lay comes in the roll. We make a special red paint for Rex Flintkote if you prefer a red roof.

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WE WANT NAMES.

WE want YOU to send us the names and addresses of from ten to twenty-five farmers living in the United States, having a few head of stock (cows, horses, pigs). You can send us the names from any number of different post-offices. If you will send us these names we will send you TWO BEAUTIFUL COLORED PICTURES FREE. These pictures are reproductions of the most celebrated paintings in the world, and they are of high quality, and we know that you will be pleased and delighted with them; no pictures will be given for a list of less than ten farmers. We want to send a sample copy of the RURAL HOME to a lot of farmers who are not now taking our paper, and for that reason we want these names. Send us immediately a list of at least ten farmers and we will send you, postpaid, ABSOLUTELY FREE, TWO REPRODUCTIONS OF THE WORLD'S FAMOUS PICTURES, in beautiful colors, size 15x20 inches. Address THE RURAL HOME, 22 North William St., New York, N. Y.

THE ONLY HOG AND SHEEP WATERER.



SIMPLE, DURABLE AND RELIABLE.

THE ONLY has every good feature of other waterers and none of their faults. Besides it is guaranteed to run in weather 4 degrees below zero. Send 10 cents for the inventor's experience in hog raising, contained in the little booklet "How I Raise 1,000 Hogs a Year" by a man who does it. Write for prices today.
THE ONLY MFG. CO., HAWARDEN, IA.

nila the amphitheater around a cock pit will seat 2,000 people. The birds are trimmed and armed with big steel gaffs and the fight is always to a finish with one dead warrior. The Christian churches attempted to stop this sport, but they soon learned that the enlightened Tagalogs would prefer cock-fighting to psalm-singing, and that they would not embrace religion unless they were allowed to fight chickens after the sermon.

KNIGHTS OF PYTHIAS BIENNIAL MEETING SUPREME LODGE, NEW ORLEANS, LA.

For the above occasion the Chicago Great Western Railway will sell round-trip tickets to New Orleans at rate of \$25.00 from Des Moines and from other stations at proportionately low rates. Tickets will be on sale October 11th to 14th, having limit to return of October 30th, with extension privilege to November 30th. For complete information inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

AMERICAN ROYAL LIVE STOCK SHOW, KANSAS CITY, MO.

For the above occasion THE CHICAGO GREAT WESTERN RAILWAY will sell round trip tickets to Kansas City and return at rate of one fare plus \$2 for the round trip, tickets being on sale October 5th to 9th and good to return until Oct. 15th and by an additional payment of 50 cents until Oct. 31st. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

\$4 Hog Trough for \$1.75

HERE IS the strongest, best and most durable each hog trough ever made—18-inch thick Soller steel, four times as thick as ordinary sheet iron.
6 ft. long x 13 inches wide x 7 inches deep. Weight 40 lbs. Write for free circular and catalog fully describing this trough. Every owner of hogs should write us. Write today.
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CHAMPION HAY PRESS

4 Horse Mounted Power or Gasoline Engine. 6 strokes of plunger to one round of horses. Side and end hitch. 2 to 3 tons per hour. Self feed. Automatic Block Dropper and Scale. Full line of belt power presses.
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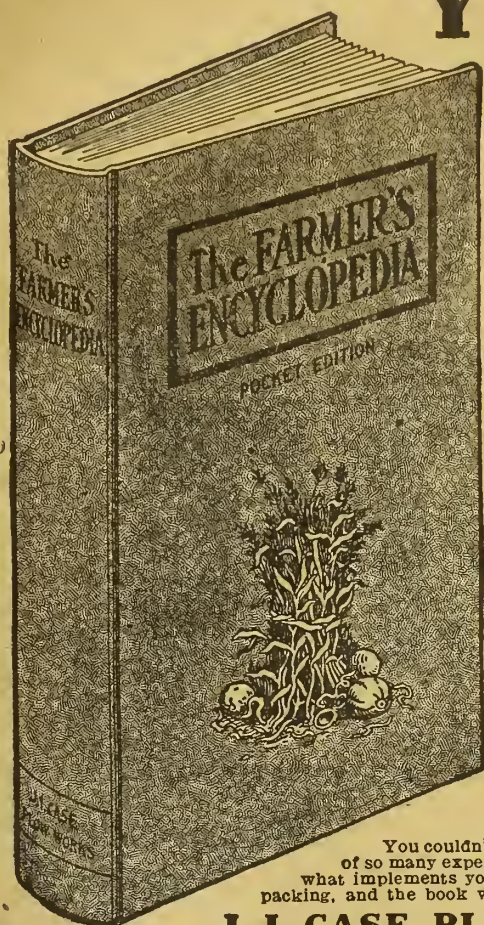
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Wanted mento learn Telegraphy; write J. P. Tighe, cure Santa Fe Rx., Arkansas City, Kan.

When writing please mention this paper.

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A Book of 146 Pages, full of money-making ideas for farmers

At a cost of thousands of dollars and with the aid of the most noted experts, we have had compiled, especially for us, this unique, compact, vital Farmer's Encyclopedia. We are now giving it away Free while the small supply lasts. And remember that this book is not merely a vest pocket guide—it is not an advertising book, but a complete boiled-down farm Britannica, consisting of 146 pages, 7 x 4½ inches, bound in cloth. If sold at retail it would cost you \$1.00. It deals not merely with one department of farming, but with all departments. It tells about the selection of all sorts of seeds, grain and grasses; just how to plant them, how to cultivate them, how to harvest them. It tells how to breed and raise all kinds of live stock and poultry; how to run the dairy; how to keep and manage bees—besides many miscellaneous topics, tables, veterinary suggestions, etc. In fact, it is packed from cover to cover with just the hints you most need to make more dollars out of your farm. And all this information is **absolutely reliable, practical and up-to-date.** Below is a mere suggestion of the contents and a few unsolicited words of praise.

THINGS YOU OUGHT TO KNOW

PART 1—Field, Crops and Grasses.

This part covers 41 different crops. CORN is discussed at length and edited by Prof. P. G. Holden, Iowa State College and Experiment Station. The WHEAT section is edited by C. P. Bull, Asst. Agriculturist, Minnesota Experiment Station.

COTTON by Prof. R. L. Bennett, Cotton Expert, Texas Experiment Station.

PART 2—Garden Crops.

Covering 44 different subjects, compiled from the most reliable sources.

PART 3—Live Stock and Dairying.

Covering 6 kinds of live stock. HOGS are discussed at length and edited by A. J. Lovejoy, Roscoe, Ill.

SHEEP by Jos. E. Wing, author of the "Winter Lamb" and "Sheep Farming in America."

PART 4—Poultry and Bees.

Covering 5 kinds of Poultry by Miller Pulvis, Peotone, Ill. Bee-keeping by Holverson Bros., Durand, Ill.

PART 5—Miscellaneous.

Gives valuable tables, information regarding insects, veterinary suggestions, data regarding breeding, etc.

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"Your little book, 'Farmer's Encyclopedia,' is simply a jewel and I want my neighbor home-steader in North Dakota to have one to study during the long winter evenings. I enclose 10c in silver for the same (it is worth ten times that for the article on corn breeding). Will you kindly forward one to Ole R. Knudson, Oberon, N. D." HENLEY FALLS, MINN. W. M. BECK.

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You couldn't gain in lifetime's practical experience and research one-tenth of the information this book contains. Because it is the result of so many expert minds, condensed, simplified and ready for your immediate use. And all this costs you **practically nothing.** Simply tell us what implements you will need the coming season, and give us the name and address of your dealer, enclose 10c in stamps for postage and packing, and the book will be sent you Free. You must act promptly. Our limited supply of books will not last long. Write today. Address,

J. I. CASE PLOW WORKS,

Department K22,

RACINE, WISCONSIN

The Week in Kansas.

To the Editor of The Homestead:

Nothing has happened to mar the "dull sameness" of the weather since our last report. There has been no rain, but a little wind, and just cool weather enough to make a person feel like work. Last evening it was real cool, and today the daily told of a probability of frost in Nebraska this evening. There is no danger of it here. It is not as cool this evening as it was last.

The work of this week has been a continuation of the work of last. Wheat drills are still on the move, and their work will not be entirely done this month. This lack of help is putting many of the best farmers further behind each day. The help problem is a greater one than any political question.

The time for harvesting the crop of winter apples is here. There is a great crop to be harvested, so great, in these parts at last, that there is almost no sale for them. A neighbor took several barrels of fine Jonathan apples to market, and the average he got for the load amounted to four cents a bushel. There have been hundreds of thousands of bushels of apples rotted under the trees from central Kansas to the eastern line this summer and fall. It seems a shame to think that all this fruit should rot, when there are people not so far distant that have to pay \$1 a bushel for all the apples they use.

The earlier sown wheat and grass is coming up in fine shape. On this farm, both wheat and grass is making the fields put on a tinge of green. Very little wheat is being marketed now. Several farmers have all of this year's crop stored up, and say they will not sell for less than seventy cents a bushel. Some have begun feeding it to hogs. One neighbor says none will go out of his yard for fifty-five to fifty-eight cents a bushel, when he has hogs on the place. He feeds it soaked, but aims to grind it as soon as the farm work will allow time for doing the grinding.

The feeding season will soon be here. Its coming has already been marked by several sales of cattle. Three or four bunches of from forty to eighty head have been disposed of by public sale within driving distance of here, within the past week, with bills of future dates still tacked to the telephone poles along the road. It seems that those who did not "quit" cattle a year and

two years ago are doing it now. Soon there will be no large bunches of breeding stock left. When the cows and heifers go, the time will not be far distant until cattle will be scarcer than now.

Henry Hatch,

Coffey Co., Kan., Sept. 27th, 1906.

Collecting Agricultural Data.

The farm crops section of the experiment station of the Iowa State College is making an investigation of the methods of farm practices with the object in view of outlining the practical systems of farm management which are found in this state. One of the problems in which we are especially inter-

ested is that of high-crop yields, also highly-profitable feeding experiments. It is believed that by studying the practices of the best farmers it will be possible to obtain some material which we can present to the farmers of this state that will lead to improved methods and raise our standard of farm practices.

Accordingly, we would like very much to hear from any who have been unusually successful with crops or live stock in this or preceding years. In making a report of the crops, state value of land per acre, number of acres in each crop, character of the soil, previous crops grown, methods of tillage, cost of production as near as possible, and net profit per acre. In making a

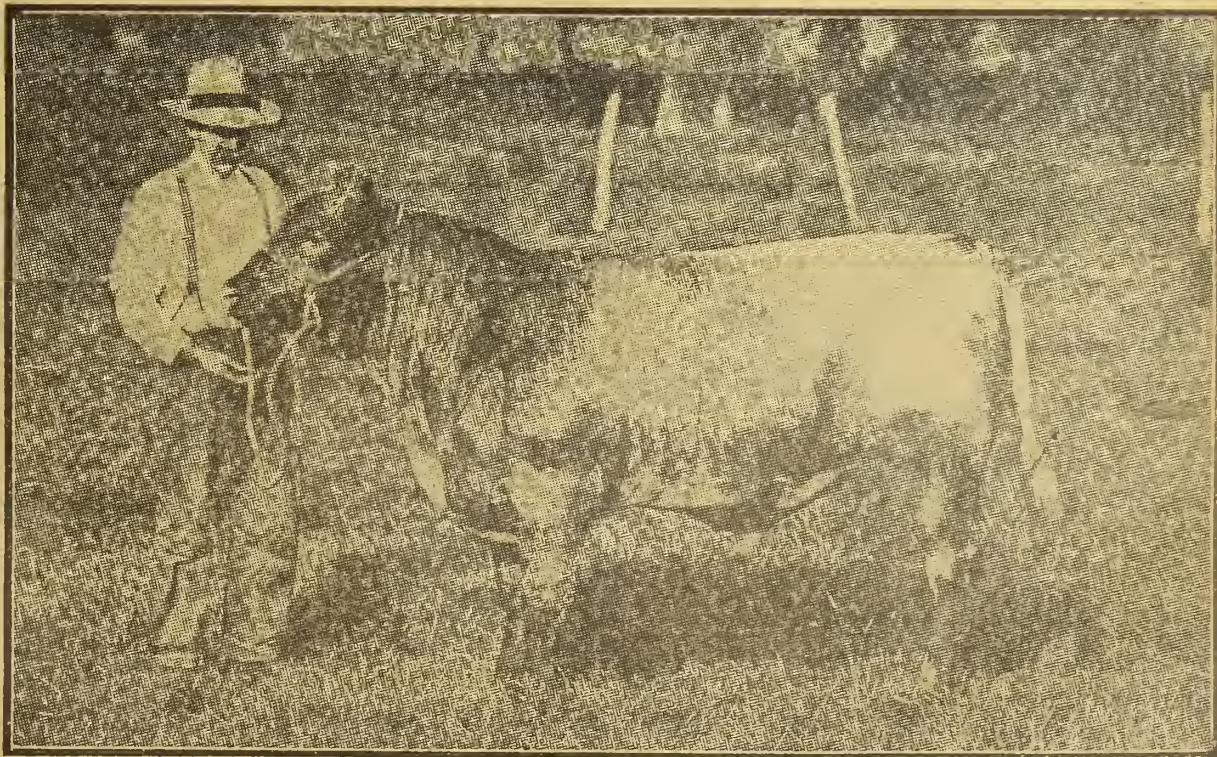
report of feeding experience, state quality and cost of stock handled, methods of feeding, cost of gains and net profit. Kindly reply at your earliest convenience.

M. L. Bowman.

Experiment Station, Ames, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



Woodland Fame 248787, One of the Short-horn Bulls Included in the W. I. Wood Dispersion Sale. See Page 36.

Buy Roofing Direct from the Mills



Better Barn Roofing

There is no building around your premises that requires a better roofing than your barn. On the quality of its roof depends the protection of your stock, grain, feed, machinery, etc., which is of vital interest to you. One leak during a heavy rain is liable to cause more damage than a new roof of BEACON-ITE would cost.

When you put a new roofing on your barn, why not use a material that will not leak? BEACON-ITE LONG LIFE ROOFING is made of materials that make it absolutely water-tight. Isn't this the kind of roofing you want for all of your buildings, one that you will not have to patch after every rain?

About the cost, BEACON-ITE is the only roofing you can buy direct from the mills; thereby saving the dealers' profit. We pay all the freight charges.

Write to-day for FREE samples of this water-proof roofing and our wholesale prices. Then judge for yourself.

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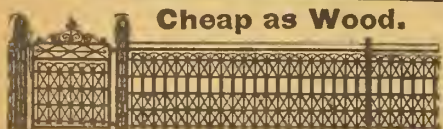
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(Sold with or without elevator)
CRUSH ear corn (with or without shucks) and GRIND all kinds of small grain. Use Conical Shape Grinders. Different from all others.
LIGHTEST RUNNING.
Handy to Operate. 7 Sizes—2 to 25 h. p. One size for wind-wheel use.
Also make Sweep Grinders; both Geared and Plain.
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30 Days' Free Trial of Advance Fence

Send for as much as you need and use it 30 days. If it isn't satisfactory in every way, return it. We pay all freight. Buying fence this way makes sure of getting exactly what you want or it costs you nothing. We sell direct to you, which saves you the retailer's profit. Our peculiar method of weaving makes the stay wire a part of the whole fence. We don't cut the stay at top and bottom, or anywhere else, but weave it in for many rods without end. That puts giant strength into the fence. Get our fence book and factory prices.

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COILED SPRING FENCE

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed.
30 DAYS FREE TRIAL
and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its truthful facts. You should have this information. Write for it today. Its Free.
KITSELMAN BROS.,
Box 290, MUNCIE, INDIANA.

GINSENG ROOTS and seeds for sale. Prices low.
JOHN VILES & SON, - - VINTON, IOWA

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

On a Loess Farm in Missouri.

To the Editor of The Homestead:

When I bought the large farm with a large mortgage, I knew little of its soil or capabilities. I knew this much—that there were several kinds of soil in that county and that this farm lay in a streak that produced good clover. That settled the question with me, as I had unlimited faith in any soil that grew luxuriant clover and on my visits to this farm I had seen great vigorous stools of clover growing on the sides and in the bottoms of washes. The soil was not very prepossessing. It looked like common red clay—exactly like some soils that I knew were unproductive. Afterwards I discovered that it was what is called loess formation, underlain by limestone, and was already beginning to be recognized by some of the advanced horticulturists of the state as of a very superior quality not only for fruit, but for almost every variety of cereal and grass.

For years the farm I purchased had been in the hands of renters. They paid rent in produce, giving a third, and it amounted to but little more than enough to pay the taxes. The fences were rotting down and the rows overgrown with briars and vines. Stock of all kinds were breaking in and helping themselves to what they could find, which I am bound to say, was not much. The renters were shiftless and impecunious. They expected little from the soil, did little, and got little.

At that time my farming was largely theoretical as regards practice, but it was theory that was much better than blank ignorance. My theory for this land was deep plowing. From what I could learn it had never been stirred deeper than six inches and a good deal oftener three or four. This farm was well known in the country and neighboring town. It was settled early in the last century by one of the first pioneers from the south, and had been part of a large estate worked by slave labor. Once it had been covered by giant poplars, always indicative here of a fertile soil. Several of them, worthless through being hollow or growing in inaccessible places, were still standing, and a number of immense stumps still defied the plow. The old log barn, badly dilapidated, still preserved sound its splendid logs forty feet long.

I found that everyone who knew the farm was of the opinion that it was worn out and worthless. For years the crops had made only a bare living for the renters. Ten bushels of wheat to the acre were accounted an excellent crop, but oftener it was only six or seven.

My own case would have been considered desperate by many. I had gone in debt for a large farm and had not reserved enough working capital; and there is nothing more crippling, as I afterwards found, than insufficient capital. Among my assets was an old Oliver sulky plow that had been little used. I determined to use it in breaking my wheat ground and to plow deeper than I guessed had ever been plowed before. Selecting one of the old fields, we put three good horses to the sulky and provided it with a sharp coulter. While my man plowed, I carried the mattock and grubbed the sprouts so much deeper than they were used to that it must have astonished them. Occasionally the brush-scythe would be needed for a patch of briars. I was pleased with the appearance of the soil. Parts of the field, especially the north hillsides, which were invariably the most fertile, had a top stratum of dark brown loam that seemed to show the presence of humus.

The sulky did good work. We set it to run about eight inches deep and it turned a smooth, clean furrow. Everything was buried good and deep, but the soil brought up looked red and poor. I was convinced it had never seen day light before. Across the road from my farm were the farms of several prosperous Germans. Their land was in a high state of cultivation and produced regularly large crops. Their yield of wheat was very seldom less than twenty bushels per acre. These men shook their heads when they saw my deep plowing and the red subsoil. One of them argued with me that I was ruining any chance I might have had to produce a good



YOU WANT THIS FREE BOOK

Here is a book—yours for the asking—which should be in the hands of every progressive farmer in America. From cover to cover it is brim-full of facts of vital importance to you. It comes from the greatest independent telephone house in the world—the house that has been most instrumental in bringing the blessings of the telephone to hundreds of thousands of farm houses all over the land. It shows you how simple and easy and inexpensive it is to own a

Stromberg-Carlson Telephone

system—a system that is a money-saver every hour in the day—a convenience and comfort you shouldn't even try to do without, and a protection against sickness, robbery, danger and fire that pays back its trifling cost over and over and over again. You owe it to your business and your family to get this book at once and read every line in it. Your letters will get personal attention and you'll have the help of experts from this great factory in every move you make toward owning a telephone. Sit right down now and say: "Send me your 52 page booklet G12 'How the Telephone Helps the Farmer.'"

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When You Plant Trees Plant the Best

For over fifty years we have grown and sold the best and sturdiest nursery stock that good soil can produce. We now have the largest business of its kind in the United States. To protect our name and reputation and as a guarantee of high quality, all

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is labeled with the Red Tag, with lettering as shown in the illustration. Look for this tag on every Phoenix tree, it is your protection and our guarantee. Order your stock for Spring planting from the oldest and largest growers in the country. We have a great variety of fruit trees, ornamental trees, evergreens, shrubs, plants and novelties. Write for free catalogue. It tells why Phoenix Nursery Stock is best. Fifty years' experience insures careful packing and safe delivery. Phoenix Stock is exactly as represented and flourishes everywhere. Write to-day.

PHOENIX NURSERY CO., 200 Park St., Bloomington, Ill.

crop. But I was not daunted. I had all the self-confidence of inexperience guided by theory and their advice did not shake me in the least. We plowed, harrowed, compacted the soil well and sowed good clean seed. The wheat came up well, grew off vigorously, and in May was attracting attention from all the passing farmers by its promise. Best looking wheat, they would tell me, that had been seen on the old farm for many years. At thrashing time they opened their eyes still wider. The field—thirty acres—averaged twenty-three bushels to the acre. Theory for once was vindicated. Cape Girardeau, Mo. L. R. Johnson.

THE NECESSITY FOR GOOD TOOLS.

The old, battered hammer or hatchet—the discarded saw or chisel, are silent witnesses of the necessity of buying good tools for the home. A good job cannot be done without good tools, and nearly every day something turns up about the house that could be improved or repaired if the proper tools were at hand.

The Keen Kutter Tool Cabinets are designed for the convenience of the home. The assortments of tools were carefully thought out by men who know tools and their requirements.

Every tool has a place of its own in the cabinet, so it will not be damaged by contact with others. Every tool belongs to the famous Keen Kutter brand, which means they are the best you could buy.

Keen Kutter Tool Cabinets are made in various sizes, costing from \$7.50 to \$100.00, according to the assortment of tools.

All Keen Kutter Cabinets are complete in every detail within the limits of the requirements for which they were designed. All contain in various numbers and varieties, Saws, Braces, Bits, Chisels, Gimlets, Awls, Planes, Hammers, Hatchets, Files, Pliers, Screwdrivers, Wrenches, Nail-sets, Reamers, Rules, Squares, and everything that is needed.

Nothing is forgotten—you don't have

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

TREE MEN WANTED To represent us in Iowa and adjoining states. Good winter's job and steady employment for 200 honest hustlers. Outfit free. Liberal terms. Pay weekly. Reference required. Des Moines Nursery Co., Des Moines, Iowa.

TIMOTHY SEED Either by single bags or car lots. All this season's crop; be sure and buy new seed, all reclaimed. Can ship the day your order arrives. Reference any bank or business man in the county. Write for prices. Address, Bosserman Seed Co., Murray, Iowa.

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

SAVING shrink is saving money. Use "Thornhill's Anti-Shrink." Enough for four cars for \$5. E. C. Thornhill, Joy, Ill. No agents.

to send out in the midst of your work for some trifle. The drawers are filled with the necessary accessories, such as glue, steel wire, screws, sand paper, etc. It would be difficult to collect so useful an outfit by buying each piece separately, and impossible to secure tools of any other make so satisfactory for home use.

Keen Kutter Tool Cabinets and Boxes are the only ones containing a complete set of tools under one name and trademark, guaranteed to be perfect in every respect.

The Keen Kutter Tool Cabinet Booklet will be sent free to anyone who would like a copy, by Simmons Hardware Company, St. Louis and New York, U. S. A.

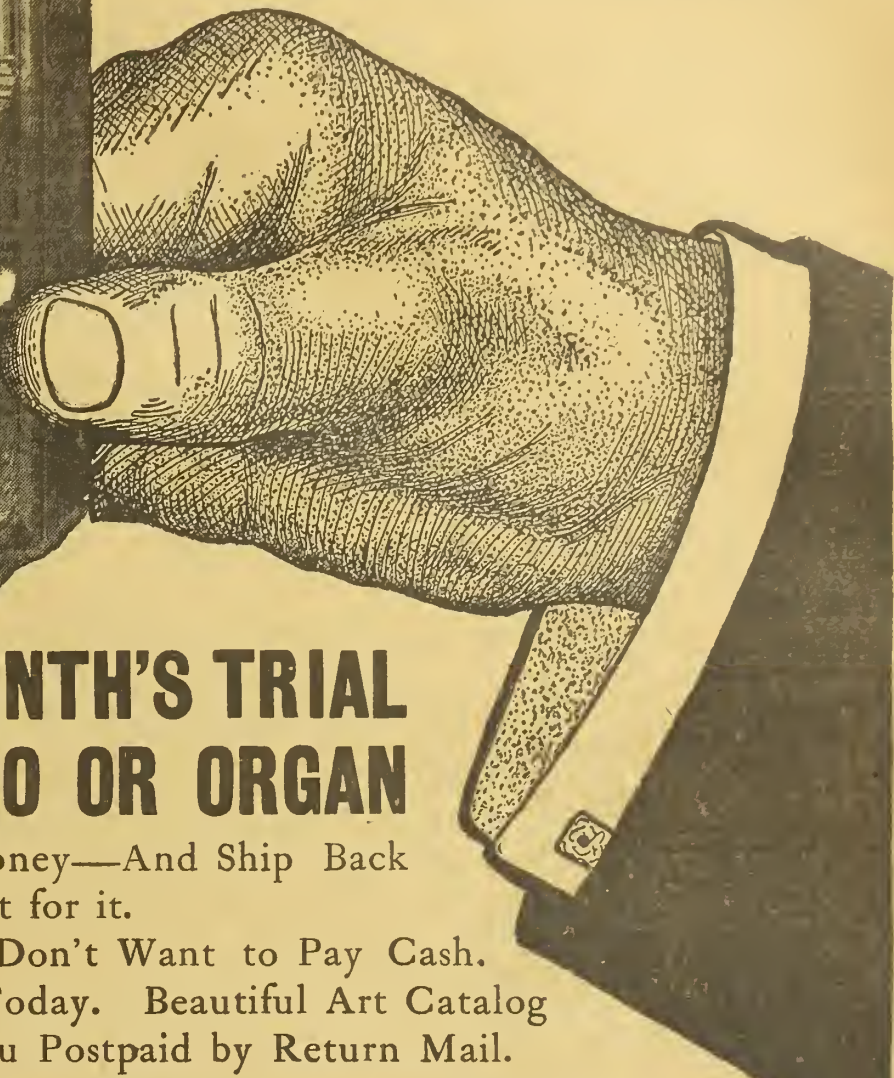
BUFFALO, N. Y.
On October 10th, 11th and 12th the Chicago Great Western Ry. will sell round-trip tickets to Buffalo and return at rate of one fare plus \$2.00. Return limit October 19th. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ARE YOU GOING ABROAD?
To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.



Thiery Piano, Style 20, as it appears in Fine Antique Oak Case.

PUBLISHERS NOTE—We are pleased to recommend J. B. Thiery to all subscribers to our paper. We are personally acquainted with him and the manner in which his business is conducted. Many of our readers have transacted business with him and we have never received any complaints of any nature



DIRECT TO YOU--ON ONE MONTH'S TRIAL A BEAUTIFUL THIERY PIANO OR ORGAN

No Risk—No Deposit—No Advance Money—And Ship Back at My Expense if You're Not Glad You Sent for it.

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Cut out Coupon Below and Mail to me Today. Beautiful Art Catalog and complete information will be Sent to you Postpaid by Return Mail.

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THE PIANO and ORGAN MAN

I want every reader of this paper to get my special offers and the handsome art catalog which I have just completed. I am anxious to send it postpaid to every home that writes for it. I want to show you how you can secure direct from me, a fully guaranteed piano or organ in any style you desire, at half the usual prices. I will explain about my easy payment plan. How I trust any reliable home with any instrument selected and allow over 1 year to pay for any Thiery Organ and over 2 YEARS TIME to pay for any Thiery Piano. If you are going to supply your home with a Piano or Organ, you will find my catalog and buying plan a revelation to you in more ways than one. You will quickly see the reasons why so many readers of this paper **BUY DIRECT FROM ME**. My plan explains all. Write me now.

J. B. Thiery
The Piano and Organ Man.

Milwaukee - - - Wisconsin

READ THESE LETTERS WRITTEN TO ME BY MY PLEASED CUSTOMERS

WABAUNSEE, KAN., May 12, 1906.
We have just received the handsome organ with stool and book. Much pleased with it. Gives us entire satisfaction. Comes up to your claims in every particular. Wishing you continued success, I remain,
MRS. J. S. RHODEMAN.

CECIL, NO. DAK., July 17, 1906.
I got the Piano a week ago today and it is certainly a beautiful instrument. Everybody who has seen and played on it says it is the best they ever saw. I am sure there isn't another piano in this vicinity that can come up to it in any respect. I will certainly be pleased to recommend you at any time. Yours truly,
E. MCCHESNEY.

SPRING VALLEY, MINN., March 24, 1906.
Dear Sir:—The Organ reached here all right and we are satisfied. It is better than we expected for that amount of money—all who see it say the same. Yours respectfully,
MR. CHAS. NORTHWAY.

HOUSTONIA, MISSOURI.
Dear Sir:—Your Organ at hand. It is just as you recommended it and will say we are well pleased. Several friends have called to inspect it and they say they prefer it to any other Organ they have ever seen. Yours,
WM. RAYL.

SHAVER, MINNESOTA.
Dear Sir:—Everybody who has seen or tried the Organ proclaim it excellent in both tone and finish. I will recommend your Organs to everybody thinking of buying around here. Yours truly,
OSCAR T. NELSON.

BAYOU GOULA, LOUISIANA.
Dear Sir:—We have now had your Piano on trial one month. It has been tested thoroughly and considered perfect in material, tone and workmanship. We therefore will keep the instrument. Thanking you for your honest dealings with us, we remain,
Mrs. B. A. LAUDRY.

CAVOUR, SO. DAK., Aug. 26, 1906.
Mr. J. B. Thiery, Dear Sir:—We are highly pleased with the Piano ordered from you on trial. Our neighbors and friends like it very much. The finish is perfect. One of our near neighbors have a new Piano they bought here, but it is nowhere near as pretty or nicely finished as ours. We consider ours much superior and we're glad we ordered from you. **WE ALSO FIGURE WE SAVED OURSELVES \$150.00 BY DEALING WITH YOU.** Resp.,
MRS. MINETTA MEDBERRY.

GETTYSBURG, SO. DAK., June 2, 1906.
The Organ bought from you gives entire satisfaction. In richness of tone and general appearance, it far surpasses any other Organ around here. We are more than pleased.
The Misses WESTMAN.

FRAZEE, MINNESOTA.
Mr. J. B. Thiery, Dear Sir:—I thought I would write you a letter letting you know that we are well pleased with your fine Piano. It has a clear, beautiful tone, is finely polished and designed. I don't think there is another Piano in this county that we would trade for it, so you can imagine what we think of your instrument and how glad we are that we decided to order from you. Yours respectfully,
ROSE A. SCHNEIDER.

OSSEO, WISCONSIN.
Dear Sir:—The Organ we ordered from you has been received and we are all delighted with it. It goes clear ahead of any we could have purchased here at same price. HATTIE RIPHENBURG.

EDGERTON, WISCONSIN.
Dear Sir:—I am glad I didn't get my Organ from somebody else. Yours is a beauty—better than any other Organ around here at double your price. JOHN LIEBER.

I supply more homes with Pianos and Organs than any other man in the country. I ship **DIRECT TO YOU**, selling to you at factory price. You have no agents' big profits and commissions to figure in and pay for. You have no risk to run. I SHIP ON THIRTY DAYS FREE TRIAL and cheerfully ask you to ship back at my expense if for any reason whatever you are not pleased or glad you sent me your trial order. I ask no security. No deposit. No guarantee from third party. No advance money. And I guarantee to save you money and furnish you with a finer instrument than you ever before examined at the same price.

J. B. Thiery
The Piano and Organ Man
Milwaukee - - - Wisconsin



CUT OUT THE COUPON PRINTED BELOW

and send to me. Fill out carefully and be sure and mention which you prefer—a Piano or an Organ.

J. B. THIERY, The Piano and Organ Man, Milwaukee, Wis. Dear Sir:—You will please send to me postpaid your new catalogue, buying plan and your special offers, to the address as written below, as per your advertisement in the Iowa Homestead, Des Moines, Iowa.

Name

Address

I want.....Cash Buyer.....

PIANO OR ORGAN

Credit.....

MENTION YES OR NO

OUR HOME DEPARTMENT

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

In early days in this country the people were mostly of British extraction. They were accustomed to what is known as the Puritan Sunday. They asked nothing different, desired nothing better, than to use the day for church-going and quiet home pleasures. The incoming of foreigners introduced an entirely different element. In Spain, Sunday is the favorite day for bull fights; in Italy, after mass, the day is given up to amusements of all kinds; in France, for over a hundred years the day has been one of the widest license; even in Protestant Germany the day is not observed with the religious strictness of more northerly countries. As is natural, people coming from the continent have brought the continental Sunday. America, which used on Sunday to be like a vast-aisled cathedral, bids fair to become a great amusement park with

vaudeville, beer-hall and base-ball attachments.

Playing on Sunday means working on Sunday. Let us bear that well in mind. And that the more opportunity there is for some to use the day for pleasuring, the less there is for others to have the day for rest.

When I was quite a young girl a cultured man made a remark in my hearing which rather shocked me at the time. What he said was, "Things are not true because they are in the Bible, they are in the Bible because they are true."

The remark of this man recurred to me when I read that France had passed a Sunday observance law.

For ages Frenchmen blindly did or refrained from doing certain things because they were so bidden by the Bible. Then came a time when the authority of the book was questioned, doubted, scoffed at and rejected. The French people would not have God to reign over them. The Goddess of Reason was enthroned, and such a carnival of crime was inaugurated as the world still shudders at. France has suffered many things since then. She has been taught wisdom in a hard school. She has profited somewhat by her lessons. One thing she has learned is that certain commands of God are not arbitrary; that they are commands because of facts in human nature and society. She would not have a rest day in seven because God commanded it. She has found out for herself, like many another naughty child, that her Father was wiser than she; that His command was for her good. She has discovered that the protection of society, if not her preservation as a nation, calls for a Sunday observance law, and so there is to be a great change in the country. The law she has passed enacts that no industrial or commercial establishment of any kind, whether public or private, lay or religious, even those for education or benevolence, shall be permitted to work an employee more than six days a week. And the weekly period of rest except in certain specifically stated cases, is to be for twenty-four hours, and to occur on Sunday.

One person rarely learns from the experience of another, nations sometimes do. It is devoutly to be hoped that America will learn from France in this matter; that she will awake to the fact that encroachment upon Sunday for pleasuring leads to the gradual secularization of the day and brings about a state of affairs fraught with peril to the best interests of the nation.

AMONG OURSELVES.

Last week I announced that the discussion provoked by Aunt Ruth's protest against girls working in the fields would be continued this week, and that we should hear among others, from a middle-aged woman, sad of heart and broken in health. I have decided to give her first place upon the program. "A Missouri Mother" gives as her reason for writing that her "heart bleeds for those who cannot see any good in a wife or mother who will not work out-of-doors," but her private letter is so eloquent and so supplements the one intended for the circle that I shall give extracts from it also, the private letter last:

Dear Sisters of the Home Band: I have been a silent reader for a number of years, and as I am one of those wives who has always worked out of doors, as well as performed all of my own house work, I have had no time to write, but now I feel I must defend Aunt Ruth a little. Thirty-four years ago, in my first married years, I was stout and healthy; now at fifty-three I am sickly and too old for my years. You mothers who are teaching your daughters that they must work out to save, don't let the almighty dollar be the means of risking health. No wife and mother can work out doors, do her work in doors, rear her children and do justice to any of them. Let me say that when a woman begins working out, doing chores, as well as field work, to help John or Jack, she has it to do. I have seen too many such. John will go to town and there will be no need to hurry home—might as well stay and chat a while; Mary Jane will do the chores, cut the wood to get the supper and breakfast. Don't misunderstand Aunt Ruth. I know whereof I speak. I have only two children left. The daughter is sickly and has been from a child. The reason of so many sickly children is the overworked mothers. God gives children to us to care for. When we do men's work we neglect what God gave us to do. If the good man is sick it is all right to help; if not, I say don't do it, sisters. You will soon be old and worn and your husband will not respect you any more than if you had done your work and he had done his.

I was stout when I married, and as I had not much to do in doors, I began to help out. I am free hearted and willing to divide in any good cause, so I thought I must help to get along, but when a wife begins there are not many men but what will expect more than a wife's strength can bear without crushing her, and she does not realize the

UP THE CHIMNEY

Is Where Half Your Fuel Money Goes In Winter

When the Ordinary Stove is Used

NOW, that's a big amount to waste in expensive coal every year.

But that is what you can expect with stoves—as the majority of manufacturers build them.

The joints of the ordinary stove are plastered up with stove putty in an endeavor to make them air-tight. Then it isn't long before the putty dries up, contracts and falls out—cold air is sucked in through the cracks—and the valuable gases which should be burned, and a large part of the heat is allowed to escape up the chimney.

You are wasting DOLLARS in high-priced hard coal through leaky joints and poor radiating surface. You also waste HALF the Gas Half, the best heating half of soft coal, by imperfect combustion.



A hat full of the Cheapest Coal, cost 1 cent, holds fire over night.

Our free Booklet on Scientific Combustion explains fully. Send postal for it today. It tells you all about the nature of soft coal and hard coal and other fuels, and how you can save the cost of a Cole's Original Hot Blast Stove in fuel each winter.

COLE MANUFACTURING CO., 3234-3244 S. Western Av., Chicago

COLE'S Original Hot Blast Stove

SAVES all wasted with other Stoves



This great fuel saver gives cleanliness and even heat day and night with soft coal you never dreamed possible. Uses less hard coal and gives more heat than any base burner.

Half a Million in use that have been sold on our guarantee as follows, which cannot be made on any other heating stove in the world. Your home dealer will set one up in your house on our guarantee, backed \$10 and by his guarantee, at prices, \$10 up

GUARANTEE:

- 1—We guarantee a saving of one-third in fuel over any lower draft stove of the same size with soft coal or slack.
- 2—We guarantee Cole's Hot Blast to use less hard coal for heating a given space than any base burner made with the same size fire-pot.
- 3—We guarantee that the rooms can be heated from one to two hours each morning, with this soft coal or hard coal put in the stove the evening before.
- 4—We guarantee that the stove will hold fire with soft coal thirty-six hours without attention.
- 5—We guarantee a uniform heat day and night, with soft coal, hard coal, or lignite.
- 6—We guarantee every stove to remain absolutely airtight as long as used.
- 7—We guarantee the feed door to be smoke and dust proof.

Built on Honor

Cole's Original Hot Blast was invented after 12 years' continuous experimenting to find a way to save the enormous waste in fuel through the escape of gas and heat up the chimney in the ordinary stove. Our reputation as manufacturers of the Original Successful Hot Blast goes with every stove; and will not be sacrificed by the use of inferior material or cheap workmanship.

Would You Lose \$50.00 in Fuel to Save \$1.00 on the Cost of Your Stove?

That is what you do when you buy a cheaply constructed, putty jointed, showy made stove.

Like all successful inventions, Cole's Original Hot Blast has many inferior imitations, avoid them. They all lack our patented top Hot Blast construction, the patented steel collar connection for the elbow casting to stove body, making an everlasting tight joint which cannot open by action of the fiercest heat; the patented compound hinge for ash door, the guaranteed smoke-proof feed door, which prevents dust, soot or smoke from escaping when fuel is put into the stove, and other patented features which are essential to the success of our stove.

The big expense of heating your home is in the fuel and not the first cost of your stove! Do not let any dealer persuade you to buy anything but Cole's Original Hot Blast which we guarantee to remain always airtight and to be just as economical after 10 years' use as the first day set up.

CAUTION—See the name "Cole's Hot Blast from Chicago" on the feed door of each stove. None genuine without it.

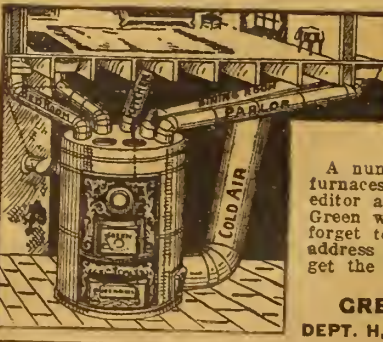
The best dealer in every town generally has the agency for Cole's Original Hot Blast Stove. Write us for name of local agent and for FREE BOOKLET on the scientific combustion of fuel, which also tells about Cole's Hot Blast. In towns where there is no agent, mail order purchasers are protected by the above guarantee.

The Rue Washer Washes.

THIS Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 60 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$8 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.

ARE YOU READY FOR WINTER?



HAVE YOU A FURNACE IN YOUR HOME?

We have some valuable information for you about heating your house, so don't get your furnace till you write us. You will be well repaid for your trouble.

A number of the employees of this paper have Green furnaces in their homes and we would refer you to the editor as to their good points. A good furnace like the Green will last a life time if properly handled. Now don't forget to write us today giving us your address and the address of your dealer. We will tell you just how to get the Green furnaces.

GREEN FOUNDRY & FURNACE WORKS, DEPT. H, DES MOINES, IOWA.

condition she is in until it is too late. I have wood to chop and perhaps a fence to fix and weeds to mow at my age. I suffer all night, night after night, but "mother" has always done these things. I would never teach my daughter to do what I have done. My children were all sickly. The doctors have told me it was from too hard work before and through nursing. A few mothers may get through and keep their health and strength, but we have moved around a good deal and I have seen too many cases of the overworked wife and mother, not to know.

A letter sometimes makes a lump gather in my throat; this one did, but what shall I say about it? One point made by "Missouri Mother" should be

emphasized. Many of the letters received have incidentally alluded to the fact that a man has no idea when a woman is overtaxing herself and she, in her anxiety to help, is so buoyed up that she overdoes unconsciously. All through this discussion women have shown themselves so desirous to be helpful to the men that there are evidently plenty of kind, considerate, appreciative men in the home represented in this circle. While we rejoice in this, let us not dream for a moment that all men, or even the great majority of men, are

W. L. DOUGLAS

\$3.50 & \$3.00 SHOES FOR MEN
W. L. Douglas \$4.00 Gilt Edge Line cannot be equalled at any price.



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so. "Missouri Mother" speaks not for herself alone—more's the pity. The average man is a thoughtless creature, and too many of him gives very little consideration to the comfort of women. That is why it is so often unwise for a woman to begin working in the field. As a letter which we are to have one of these days will further illustrate this point we shall leave it at this time and make room for Mrs. Cornelius.

Mrs. Cornelius looks at the subject in a large way. Her view is worthy of careful consideration:

Do I believe in women working in the field? Yes and no. I believe in the inalienable right of the American woman to do as she pleases, because she usually pleases to do right. At least the class of women who form this circle do, and there is no use in talking as some preachers do, to the absent audience. Circumstances alter cases, wholly. To begin with the girls: There may be farm girls who consider out-door work degrading, but I never remember knowing one. I have known many who preferred farm and garden work who, at the same time, were fully proficient in "woman's sphere." I have in mind now a young woman who was housekeeper for a neighbor in time of need. She was proud of having done almost all kinds of field work, while the family had no praise too high for her abilities as housekeeper and cook, and at the same time her "pick-up work" was a dainty dolly. (Now, bachelor brethren, don't write for her address—we have plenty of worthy young men here.) I think, on the whole, the girl who likes field work is healthier, happier and altogether sicker for a reasonable amount of it. And the girl who doesn't—well, the probabilities are she has never been interested in it. Likely her brother hates it, too. I think it would be a risky thing for her to marry a farmer. Which brings us to the wife. She who is not a mother may enjoy helping outside, and perhaps prefer that to the extra housework made by a hired man. If she can give John a lift occasionally without neglecting the home or overtaxing her strength, well and good. I think John will be willing to beat a carpet or carry wash water when he is not rushed. But to return to the mother—especially while the children are small. Can she profitably do regular field work? I think not. She might, like one who wrote some years ago, bury five out of seven and do a man's work. She may rob the older ones of their childhood to take her place indoors. But to bear, rear and properly train the average sized family, as our present civilization demands, is sufficient tax on time, strength and nerve force. The children are surely the most valuable product of the farm, hence they should have the first consideration, and surely no one else could fill mother's place in any family. Among Ourselves. I don't mean she should flatly refuse to head off the frisky calf, or turn the grindstone or look after the poultry and lighter garden work when able. Too close housing is as disastrous to health and harmony as neglected babies and hastily-prepared meals. When the mother has so trained her children that they are able to look after their own needs and relieve her of part of the house work, she may enjoy helping father potter about, just as she did in that well-remembered first year, but it is likely he, too, will have turned over much of the farm work to the boys, if they have them, or be renting most of the fields. Now you see why I do and don't.

When this discussion shall have run its course Among Ourselves I shall sum it up, pro and con, With the Editor, and shall have something to say on the in-

terference of field work with the work of a mother. In passing let me say that graves are not the saddest testimony to the evil of neglecting the duties of motherhood.

Mrs. Jenny Lind comes, bubbling over with good spirits. She is just home from a little outing which it is worth our while to hear about:

Well, I have been attending chautauqua. The first day I heard Mr. Towne, of New York. His speech was fine. The second day I heard the great Sam Jones. He is a man that I always wanted to see and hear, and I heard him in all of his glory. His wit and humor are something wonderful. I wish the mothers who have been discussing the right way of raising children could have heard his ideas. He told about Mrs. Wesley's method of raising children. He said she raised nineteen children and she never allowed one of them to cry out loud after it was a year old, and that two of the sons she raised revolutionized the world. I would like to tell all that Sam Jones said, but you would not have room for anything else. I wish every mother who reads the Home Department could attend the chautauqua. It is so good and uplifting and one feels better for a whole year. It is something to think about and to talk about when one has company. Instead of talking about the neighbors and the school teachers and the hired girl we can give them a good rest and be better ourselves. I attended one week last year and two days this year. It is so nice to get away from the work and see fine, intelligent people. Now don't say, "Oh, she neglected her family," for I did not. We took our turns going. I just baked and prepared food for them and lunch to take along with me, and how good it was to eat it out in the park. Mrs. Charles E. Risser conducted the C. L. S. C. round table. Her talk was on the chautauqua course and I am going to read the four books for this year and also the magazine.

Chautauquas and state fairs are often-er than not a means of grace to home-staying women. It seems a pity that they cannot be more generally enjoyed. Part at least of the benefit of the chautauqua may be enjoyed at home, as Mrs. Lind suggests. I wish that she or someone else would give us a little talk about the chautauqua course of reading and the cost of the books, etc.

A request and a reply to a request are noted for this week's program:

Would some of the sisters please give me a good recipe for green tomato pickles, and is it possible to keep them in open jars instead of having to seal in fruit jars? There was such an abundance of peaches in this part of the country that everyone has their fruit jars mostly filled. And if our pickles and butter could be kept in open jars instead of having to seal them it would save buying more, for it isn't likely we will be blessed with another such a fruit crop soon. —Mrs. J. C. Danielson.

A subscriber asks how to make wine out of wild grapes, and as I have been quite successful with mine I will tell how I make it. Take any amount of the grapes and look them over and wash. It does not matter whether you pick them off the stems or not. Put in a pan and mash with a wooden potato masher and squeeze through a cloth. Then measure one cup of juice, one cup of water and one cup of sugar. Mix well together and put in a tall stone jar and cover closely.

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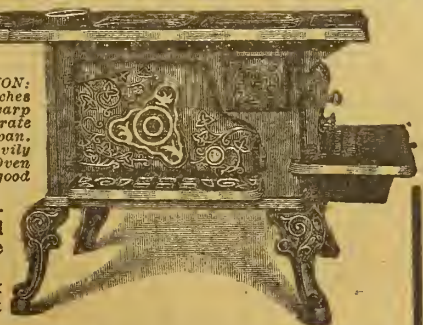
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Stir twice a day until the sugar is dissolved. —Mrs. Grafton Wilson.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Not they who soar, but they who plod Their rugged way, unhelped, to God Are heroes; they who higher fare, And, flying from the upper air, Miss all the toil that hugs the sod— 'Tis they whose backs have felt the rod, Whose feet have pressed the path unshod, May smile upon defeated care, Not they who soar.

—Paul L. Dunbar.

What a multitude of threads make up a fringe; and yet how beautiful and costly when completed! And here is found a beauty of the real Christian life—the highest, truest, Christian life. There are not a few who may be willing upon rare and notable occasions to do or suffer some great thing for Christ, but the ten thousand little things of life are entirely beneath their notice, as they also suppose them to be beneath the notice of the Lord—P. S. Henson.

SHE'S A WISE WOMAN

Who keeps in mind that a little credit is a dangerous thing.

Who is able to mend both her husband's clothes and his ways.

Who has learned the paradox that to have joy one must give it.

Who can tell the difference between her first child and a genius.

Who acknowledges the allowance made by her husband by making allowances for him.

Who manages to keep not only her house and her temper, but her servants and her figure as well.

WORK-BASKET HINTS—SOME SUGGESTIONS ABOUT MENDING AND REPAIRING.

The difficulty in mending large holes in fine old linen is found in keeping flat and not drawing it up. This is much more easily accomplished if a piece of fine tulle is basted over the hole and the darn then made in the meshes of it. The best thread for darning is that pulled or drawn from another piece of linen. This will be found preferable to flax, as it is much more even.

When the skirtband or placket hole keeps wearing out and much strain is put on the band, a piece of leather cut from an old glove should be stitched down the back of the placket and to the inside of the waistband. This will keep it firm and make a good foundation for sewing on hooks and eyes.

A HEALTH HINT.

Many persons, says a well-known doctor, though not actually sick, keep below par in strength and general tone, and we are of the opinion that fasting during the long interval between supper and breakfast, and especially the complete emptiness of the stomach during sleep, adds greatly to the amount of



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emaciation, sleeplessness and general weakness we so often meet. Physiology teaches that in the body there is a perpetual disintegration of tissue, sleeping or waking; it is, therefore, logical to believe that the supply of nourishment should be somewhat continuous, especially in those who are below par, if we could counteract their emaciation and lower degree of vitality; and as bodily exercise is suspended during sleep, with wear and tear accordingly diminished, while digestion, assimilation and nutritive activity continue as usual, the food furnished during this period adds more than is destroyed, and increased weight and improved general vigor are the results.

FOR THE COOK.

Bread Cakes With Cornmeal.—Soak stale bits of bread in one quart of sour milk, over night. In the morning rub them through a colander, add the yolks of four eggs, well beaten, two teaspoonfuls of soda dissolved in a little water, one tablespoonful melted butter and enough cornmeal to make it the con-

istency of griddle cakes. Beat whites to a froth, and stir in just before baking. If sweet milk is used, take two tablespoonfuls of baking powder instead of soda.

Salmon Croquettes—I will tell you a new way of preparing salmon for the table. Remove salmon from the can as soon as opened. Pick out bones and skin. Mash fine, and put just enough corn meal in it to make it stick together. Season with pepper and salt. Make into long balls, about the size of an egg. Roll in beaten egg, then in meal, in egg again, then in meal. Fry in hot lard a nice light brown. Dish up on a platter and garnish with parsley. It makes a pretty dish, and is almost as good as fresh fish.

Chicken Pie—This is a dish too well known

to require specific directions, but the following is a good recipe for a biscuit crust, which is much more orthodox than regular pastry. Mix through one pint of sifted flour one teaspoonful of salt and two heaping teaspoonfuls of baking powder. Chop in two level tablespoonfuls of butter and the same of lard; then add sweet milk for a soft dough. After covering the par-boiled chicken, make a deep cross in the center of the paste, turn back the corners and insert a cone of buttered paper. Bake forty minutes. A large handful of hickory-nut meats, slightly chopped, is a most acceptable addition to the ordinary stuffing for a roast chicken.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson I. Mark XII, 28-34; 38-44 October 7, 1906.

The Two Great Commandments.

The Herodians joined the Pharisees in asking Jesus a catch question concerning the tribute money, which he answered in such a way that they were filled with wonder and went away discomfited. Then the Sadducees tried a similar question about the resurrection to which Christ's answer was again triumphantly successful. During this last interview the word went out that Jesus had put to silence the Sadducees and the Pharisees came hastening to see and hear. Finding the Sadducees utterly silenced, one of their number, a scribe, or lawyer, proposed a new question, "tempting him." At this point the lesson begins.

Question after question was pressed upon our Savior, now by Sadducees, now by Pharisees, now by Herodians. He consults no authorities; he asks no time. Prompt as the sun, quickly as a flash of lightning, he answered whatever question was asked, and always so completely as to leave his enemies silent or furious, or both.

This question on which the schools of Hillel and Shammai were disagreed, the lawyer put, tempting our Lord, hoping that he would commit himself as an enemy of traditions. The Rabbinical school taught that there were important distinctions between the commandments, some being great and others small, some hard and weighty, others easy and of less importance. Great commands were the observance of the Sabbath, circumcision, minute rites of sacrifice and offering, the rules respecting fringes and phylacteries. Indeed, all the separate commandments of the ceremonial and moral law had been carefully weighed and classified, and it had been concluded that there were "248 affirmative precepts, being as many as the members of the human body, and 365 negative precepts, being as many as the arteries and veins or the days of the year; the total being 613, which was also the number of letters in the Decalogue." It must have seemed to the Pharisees that no matter which Jesus called first, he would make enemies of those who advocated others.

In his answer had he stopped with the first half of his answer, presenting simply the love of God, they were prepared to attack him for making himself the equal of God. But when he added the love of neighbor as side by side in importance with love to God, he elevated humanity to a high plane of importance, and said in effect, "as the second commandment is subordinate

to the first, and yet like unto it, so the Son of man is subordinate to the Father, and yet like unto Him." The Pharisees felt at once that his addition of the love of man had traversed their whole design.

When we remember the legalism of the whole Rabbinical fraternity, the stress they had put on the minutest acts in and for themselves, the practices that had led Jesus to charge them with tithing garden herbs while neglecting judgment, mercy and truth, we must realize the immense stride this man took in this explicit endorsement of Jesus. The form in which he states it was especially calculated to displease his companions, and bears testimony to the enthusiasm which must have filled his heart at the moment.

Longfellow was constant in his protest against anything which savored of religious formalism, or substituted creed and ritual for the simple life of faith and love as it was revealed in Jesus. To the monks of Saint Bernard, who each day said their oft-repeated prayers, he cried "Excelsior!" Higher! There was only a degraded form of religion, such as was never seen in the life of the Master. He taught us to live a life of love, that loving service was the only true worship, and that any religion which was lacking in this quality was hypocrisy. Expressive of the thought Longfellow said:

I am in love with Love,
And the sole thing I hate is Hate;
For Hate is death; and Love is life."

There is no duty more pressing right now than that of loving your neighbor as yourself. If carried out in all its bearings and ramifications, it would speedily revolutionize mankind. It would not be hard to trace a majority of the evils, social, political, industrial, ecclesiastical, that afflict our race to the neglect of this great duty. No wonder the scribe said unto Jesus, "Well, Master, thou hast said the truth."

Analysis And Key.

I. Jesus' moral agony greater than physical; cause of it. Contradiction of sinners against Himself. Effort to entangle Him in His words. Refusal to accept Him or His message. (1) Particular instance: Pharisees' covert attack. Effort to elicit a criminating statement. The chief commandment; mooted because of number and variety. (2) Jesus' answer; partisanism avoided. Substance of religion, a Life. Characteristic of that Life—love; toward God, toward man.

II. Questioners questioned. No Scrip-



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ture conundrum proposed. A clew of faith proffered. Rejected. Questioners silenced.

The Teacher's Lantern.

Technicality in religion finds its burlesque in Phariseism. They taught 613 commandments, one for each letter of the Decalogue; 365 of these were negative—one for each vein in the body, or day of the year. They also commanded (Numbers xv, 38) fringes to be worn on the corner of their tallith, bound with a thread of blue; each fringe had eight threads and five knots—thirteen; and the letters of the word tsitsith (fringes) makes 600 plus thirteen equal 613. Absurd! Yes; but so is salvation by legalism.

No doubt Jesus pointed to the shema which the lawyer wore in the phylactery between his eyes. How near, and yet how far, the answer was from the lawyer's mind!

We are so familiar with the incident we are apt to lose the power of it. How easily the answer seemed to glide from Jesus' lips! Yet, under most trying circumstances, it was the instantaneous enunciation to order of the fundamental principle of religion. It was a Scripture quotation. Yes; but from passages sundered far. (Deut. vi; Lev. xix.) And nowhere are they spoken of as the First and Second Commandments. Jesus' answer was no abstraction, but a concrete reality. "He simplifies the whole sweep of the Ten Words in brief and easily remembered principles." (Geike.) "He sets out two great guiding stars which all the hosts of lesser commandments follow." (Ibid.)

St. Paul, in his noble Ode to Love, gives us the expansion of the commandments Jesus enunciated.

Charles Kingsley says admirably: "There can be no real love of God which is not based upon the love of virtue and goodness, upon what our Lord calls a hunger and thirst after righteousness."

These two commandments are the noble and sufficient guide of the religious life.

On loving God with the whole heart, mind and soul, Burkitt quaintly remarks that the measure of loving God is to love Him without measure.

Dressmaking and Millinery—No. 536.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Quantities of buttons are used on the season's garments, many of these being used simply in the way of adornment, and not in the way of fastenings. Covered buttons in color to match the material are used in groups of any desired number on skirts and waists. These may be bought ready for use, or one may have them covered with the garment material or silk similar to it, but I do not recommend attempting the work oneself, for there are likely to be unsatisfactory results. Usually a dressmaker will take your order for it and will send material to one who makes a business of this line of work. On skirts that simulate a front closing there are buttons in groups of any fancied number each side of the center line, loops of braid or cord, "seaming," to hold the parts together. On points, on tabs and straps, and wherever buttons are placed that do not suggest a closing the buttons are used without the loops. There are fancy buttons in metal, gilt, silver, jet, etc., used in the same way, and these may be selected to suit either the material or the trimming. The numbers used will decrease as the size increases, as one would not use the larger buttons except with wide spaces between, and even then they are largely confined to the outer garments.

Among the popular coat designs No. 5461 is one of the leaders, and it is one that may be used for the costume coat or for the separate garment, being adapted to any of the materials usually selected for either purpose. When desired to complete a costume the material of coat and skirt may differ, but the color should be the same, as we find many of the suits made up after this idea this season. This permits one to select for the coat a heavier fabric than would be desired for the skirt. It permits also the selection of material that will make it suitable for wear with any skirt or cos-

tume, thus saving the necessity of an extra coat. The coat is semi-fitted, the long lines afforded by the seams from shoulder to hem giving a suggestion of slenderness. The sleeves are in the full-length coat shape,



[5464—Double Breasted Tourist Coat, 32 to 42 bust.]

without cuffs, stitching simulating these. There are patch pockets. The roll collar is faced with velvet, but may be of the material if preferred. If desired the garment may be in full length by adding to its length equally all about the lower edge. Be careful in making this alteration not to change the shape. Pattern No. 5464 is

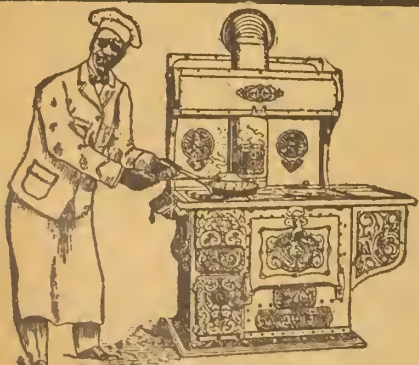


[5468—Fancy Waist with Girdle, 32 to 40 bust.]

cut in size for 32, 34, 36, 40 and 42 inches bust measure.

No. 5468 shows a fancy waist with girdle that will be a charming design for the waist that is to be worn as a dressy garment, it being rather elaborate for the ordinary occasion waist. However, it may be used as a costume design when a waist like the skirt is desired. The girdle may be of silk, of velvet or of the costume material trimmed in any tasteful manner. The hertha may match the girdle, but does not necessarily. Groups of buttons are seen on the girdle and on the pleat extension that finishes the lower part of the sleeve. The waist is made with a yoke to which the full portions of the garment are attached. If the fitted lining is used (pattern provides for this) the yoke is faced on the lining and may be of any material liked for the purpose. Pattern No. 5468 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure.

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did. You can't afford to lose the price of one or more cows each year—there's no reason why you should. Get a Tubular and get more and better cream out of the milk; save time and labor and have warm sweet skimmed milk for the calves. Don't buy some cheap rattle-trap thing called a separator; that won't do any good. You need a real skimmer that does perfect work, skims clean, thick or thin, hot or cold; runs easy; simple in construction; easily understood. That's the Tubular and there is but one Tubular, the Sharples Tubular. Don't you want our little book "Business Dairymen," and our Catalog A. 12 both free? A postal will bring them.

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Cleveland Cream Separator.

You get a fair, square deal on the only high grade machine made that is sold at a reasonable price. No Money in advance.

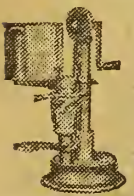
The Easy Running Separator.

Because:

The Cleveland is the only all ball-bearing machine made. Do you need to have us prove to you that the ball-bearing is the easiest running bearing ever made? Every other separator manufacturer would use them if he could. We can. We do. The aluminum skimming device and the fact that the Cleveland has the fewest parts of any separator made, make it the easiest to clean and the longest-lived. The fewer the parts, the less wear, the less repairs. The Cleveland is a guaranteed perfect skimmer.

Don't take our word. Try a Cleveland. It won't cost you anything. The new free catalog tells you how. Write for it. Address

The Cleveland Cream Separator Co.,
Dept. C, 33 Michigan Ave., N. W. Cleveland, Ohio.



How's Your Separator?

WE will take your old separator in exchange on purchases of either new or second hand machines. We also sell you direct, a good as new second hand, or a new separator, any make, cash or time and save you money. Write for list and prices.

Richmond Cream Separator Co.
Richmond, Missouri

BUTTER-BRED Holstein bull calves, 6 to 8 months old, sired by Prince Inka, (18 A. R. O. daughters), and out of A. R. O. dams, \$50 each. No females now for sale. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

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THE NEW Hotel Albert NEW YORK

A Modern FIRE PROOF Hotel—a dining room that is famous for its excellent food and moderate prices. Special Club Breakfasts, 30c, 35c, 50c—Lunches, 40c; and our Famous Course Dinners, 75c.

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With Private Bath, \$2.00

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Quiet and Comfort! Within easy walking distance of the Great Department Stores, Wanamaker's two minutes; Siegel Cooper's, eight minutes, etc. Easy access to all points of interest. Also close to WHOLESALE DISTRICT.

The Best Hotel in New York City
Guide Book of N. Y. City sent FREE on Request.

When writing please mention this paper.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

Something About Milk Veins And The Udder.

A few years ago we thought we would see what percentage of the farmers out of 100 believed that the large veins on the belly of the cow, which are called milk veins, were really veins for conveying milk to the udder. So without expressing any opinion of our own on the matter we simply asked the following question of one farmer after another:

"Why are those veins called milk veins?" The answer from ninety out of 100 was in effect, like this: "Because they carry the milk to the udder." Of the remaining ten, five could not give any answer except that they did not know, while only five had the right idea, viz., that these veins were in reality great blood veins returning blood from the udder to the heart. Afterwards we conversed with several of the original ninety on the subject, and stated to them what science had really found out and as to the purpose of these veins. In almost every instance, however, we found them adhering steadfastly to their former ideas. One of them declared that he had cut into the veins on a dead cow and has seen the milk flow out.

Now, this is but one of the several errors concerning the physiology of a cow which are strongly believed in by the farmers. To be really intelligent and well informed, to believe in the truth and not a mass of errors, on any questions concerning living beings, one must make a study of them. Can we afford as farmers to be harboring a mass of unfounded notions about so important an animal as the cow?

If we believe the truth as it really exists, that these veins return the blood to the heart, it will teach us several valuable lessons:

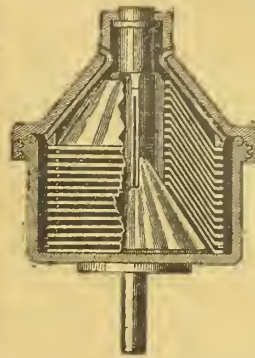
First, it will show us the enormous circulation of blood that is required to produce milk in a good cow. Second, it will teach us that we must take good care of the udder, for with such a heavy influx and outpour of blood the organ is very sensitive to abrupt changes of heat and cold. This is the reason that cows are very apt to have garget by lying on cold ground late in the fall; also by lying on stone or cement floors. Third, it will teach us the folly of tying cows in the common stanchion whereby it is easy for a standing cow to step onto the teats or udder of the cow that is lying down next to her. We should wisely provide a system of tying cows

in the stable that will prevent such serious injuries. Fourth, a knowledge of the true physiology of the udder will teach us the importance of careful and gentle usage of it in milking and the great importance of attending to any derangements at once, which may take place.

There is no reason on earth why every farmer who keeps cows should not be a well-informed man on the physiology and function of the dairy cow. Such knowledge would prove a very profitable guide to the wisest and best methods of handling the cow. We should always remember that the highest profit from

THE "DISC" SYSTEM OF CREAM SEPARATION

Judging outward appearances alone, it might be reasonably assumed that one cream separator is as good as another. However, as the outside of the machine does not do the separating, we must look deeper for the real merits of the separator. Upon the construction of the gearing depends durability and operating ease which, of course, should be carefully examined, but the really important feature is the construction of the bowl. This is what does the work, be it good or bad. Exhaustive tests have



proven that the best results can only be obtained when the separator bowl contains a series of conical shaped, imperforated discs, dividing the milk into strata or thin layers. Bowls which do not contain discs of this particular kind do fairly good work with warm milk and by running a thin cream, but where a heavy cream is desired, or cold or thick milk is to be separated, as frequently happens in farm use, these separators lose a big percentage of the butter fat and consequently the profits. The original "disc" system as today used exclusively in building the DE LAVAL cream separators, is just as important to the separator as the guards are to the sickle bar of a mowing machine. The DE LAVAL "disc" system assisted by the "split-wing" device, both of which are patented and used only by the DE LAVAL Company, has in thousands of tests proven far superior to any other style of bowl construction. Other manufacturers have tried to imitate the DE LAVAL bowl, but have never anywhere near equalled its efficiency. That is why over 98 per cent of the world's creameries today use nothing but DE LAVAL machines. Creamerymen know that the DE LAVAL bowl is the only one which will secure all the milk-profits. This fact should mean much to every dairy farmer who intends buying a separator. A De Laval catalog which explains separator bowl construction in detail is sent free on request. Write today.

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No matter how you handle your milk,
No matter what separator you may be using,
No matter what separator you may be thinking of buying, for your own convenience sake, and your pocket-book's sake, don't fail to see and examine

The Improved Frictionless

EMPIRE Cream Separator

Without doubt or chance of question, it is as far ahead of the old style cream separators as the cream separator itself is ahead of the deep-setting system.

It is the simplest in construction, has the lightest bowl, turns more easily and is more easily cleaned than any other cream separator made.

Its improved bearings make it as nearly absolutely frictionless, as it is possible for a machine of any kind to be built—it almost "runs itself."

Why put up with a machine of the heavy, hard-to-turn type, when you can get the Improved Frictionless EMPIRE?

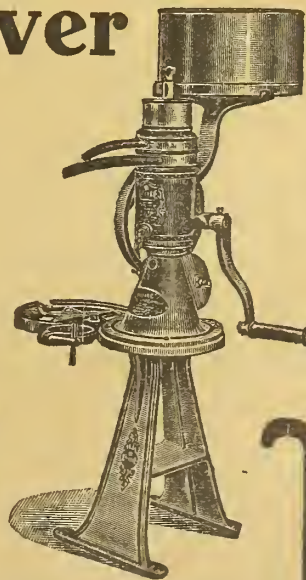
At any rate why not examine it?

That is all we ask:—You certainly want the best separator you can find; the EMPIRE, always the leader, is now better than ever.

We know, for experience has proven, it is to your advantage to put our claims to the test.

The great present army of Empire users made up their minds that way.

Send for our catalog and our valuable free dairy books. You will be interested in learning how the EMPIRE is made—why it does such good work, and how it will make dollars for you.



cows can only come through the use of the best judgment and the best methods. To have good judgment we must have sound knowledge, for as said the ancient proverb:

"Woe unto him who believeth a lie."
—(Hoard's Dairyman.)

Keeping The Churn Sweet.

The best method of keeping churns in good condition is to rinse them in two sets of scalding water at the end of each churning, then rinse in cold water and drain. Some prefer to turn the churn over with mouth down. Others prefer to allow the coverhole to turn up. Neither of these methods is considered the most desirable. When it is turned with the coverhole down, the remaining steam on the inside of the churn will not escape. It will condense inside of the churn, and cause it to remain in a damp condition over night, or even longer. By turning the churn with the coverhole up the dust and other impurities from the atmosphere are likely to fall into it. The best method is to turn it over so that the coverhole points to one side.

The churn should be thoroughly drained first, otherwise some water will remain in the bottom. Some makers do not rinse the churn with cold water. They simply scald it, or steam it, and then let it stand and dry. If this method is followed for any length of time the churn is likely to be short-lived. The wood will, in a comparatively short time, get spongy. Such conditions will cause it to rot in a shorter time, and it will also allow the cream to enter the cracks and pores of the wood, making it more difficult to keep the churn in a sweet condition.

If the churn is rinsed with cold water the major portion of the heat has been removed and still enough left to effectively dry it on the inside.

Some makers prefer to keep the churn in a good condition by sprinkling salt on the inside after washing. This is not to be recommended, as all churns contain more or less iron ware on the inside. Salt, while a good germicide, causes the formation of rust on all iron with which it comes in contact. After a time this rust will scale off to a certain extent and become incorporated in the butter.

If the churn is treated daily in the manner described above and then at the

EMPIRE CREAM SEPARATOR COMPANY,
Chicago, Illinois,

Bloomfield, N. J.

end of the week treated with slacked lime, it can be kept in a good, sweet condition. The lime should be freshly slacked and in a liquid condition when put in the churn. A pailful or two of this fluid will be sufficient for each churn. By rotating the churn a few times the lime will be spread all over the inside. Let the churn remain in this condition until ready for use again. When ready for use, put in some warm water and the lime will readily come off. But if it has been allowed to remain in the churn too long it will form a lime carbonate, and will be more difficult to remove.

Lime is one of the best disinfectants and deodorizers that can be used in a creamery. Some of the best butter-makers use it every day on all the wooden utensils, such as on butter workers, churns, etc. Many creameries would be in a much sweeter and purer condition if they were given a good coat of whitewash on the inside once a month. Refrigerators, wooden utensils, and rooms of any kind can be kept in a good, sweet and pure condition by whitewashing or sprinkling a little lime on them.—(McKay and Larsen's Manual.)

The Rood-Fessenmeyer Poland China Sale.

The annual sale of Fred M. Rood, of Clearfield, Iowa, and H. Fessenmeyer, Clarinda, Iowa, has become one of the great events in Poland China circles, but never before have their sales attracted as many buyers from a distance as this year. It was one of the most representative breeders sales that has been held in the state in many a day, and every man that came was there to buy. The offering was a most excellent one, especially to those who were wanting a little scale combined with finish. It was a better offering than they sold last year and that was then considered one of the best that was ever sold in the state. Their sale this year

was again held at Clarinda, Iowa, on the 27th of September and when Colonel Duncan opened the sale he looked into the faces of some of the very best breeders from the state of Iowa Missouri and Nebraska, and the bids on hand came from as many as fourteen different states. It was a foregone conclusion that it would be a record breaker and the offering merited the prices that were paid. It was one of those very even, well balanced sales, there being no very high prices nor any very low ones. The highest price was \$146 for the yearling sow, Longfellow Mald, a daughter of Longfellow Jr., and she was purchased by Mr. J. H. Wintermute, Blockton, Iowa. The highest priced spring boar was a son of P. W. Perfection and he went to Mr. F. W. McIntyre, of Red Oak, Iowa, at \$126. Another spring boar of March farrow, a son of Rood's Tecumseh and out of the famous old sow, Giantess, sold for \$105, and was purchased by Mr. P. P. Smith, Chariton, Iowa. The entire sixty head averaged \$55.40. The thirty head belonging to Fred Rood sold for \$1,805, or an average of \$60.28. Eleven boars averaged \$59.28, and nineteen sows averaged \$60.89. Mr. Fessenmeyer's thirty head averaged \$50.53. His eighteen sows averaged \$49 and twelve head of boars averaged \$52.83. All in all it was one of the great sales held so far this year, and the beauty of it is that every man bought because he wanted the stuff. Mr. Harvey Duncan cried the sale, assisted by his brother, Jim, and the boys deserve great credit for the success of the sale. Below we give a complete list of the entire offering:

ROOD'S OFFERING—SOWS.

No.	Name	Price.
1	Wm. Lentz, Ankeny, Iowa.....	\$111.00
2	Williams Bros., Villisca, Iowa.....	117.50
3	Bergren Bros., Stanton, Iowa.....	100.00
4	Geo. White, Emerson, Iowa.....	79.00
5	C. Q. Miller, Conway, Iowa.....	50.00
6	J. R. Triggs, Dawson, Neb.....	60.00
7	D. D. Stitt, Clarinda, Iowa.....	73.00
8	C. Q. Miller.....	55.00
10	E. M. Smith, Union, Neb.....	39.00
11	W. D. Fulton, Villisca, Iowa.....	40.00
13	Jno. O'Connell, Malcolm, Neb.....	46.00
14	J. R. Triggs.....	61.00
15	Alvin Windom, Nodaway, Iowa.....	50.00
24	H. Fessenmeyer, Clarinda, Iowa.....	50.00
25	Wm. Lentz.....	50.00
27	A. Falk, Clarinda, Iowa.....	39.00
28	N. S. Fisher, North Loop, Neb.....	36.00
29	Lorence Davidson, Clarinda, Iowa..	35.00

BOARS.

16	C. R. Hanna, Tarkio, Mo.....	72.50
17	C. Q. Miller.....	81.00
18	W. Scarlett, Milton, Mo.....	48.00
19	Geo. White.....	45.00
20	D. D. Stitt.....	40.00
21	P. P. Smith, Chariton, Iowa.....	105.00
22	Jno. H. Snook, Shenandoah, Iowa..	66.00
23	C. R. Hanna.....	65.00
30	S. E. Sprigg, New Market, Iowa..	41.00
0	C. H. Porter, Eagle Grove, Iowa..	37.00
00	J. O. Berry, Atlantic, Iowa.....	51.00

FESSENMEYER'S OFFERING—SOWS.

31	J. H. Wintermute, Blockton, Iowa..	146.00
32	Roy L. Morgan, Shambaugh, Iowa..	75.00
33	J. O. James, Braddyville, Iowa....	55.00
34	C. R. Hanna.....	52.00
35	W. Scarlett.....	52.50
38	J. O. Berry.....	50.00
39	P. P. Smith.....	41.00
45	Geo. White.....	41.00
46	J. E. Gibson, Stanton, Iowa.....	40.00
50	W. E. Biggs, Clarinda, Iowa.....	36.00
51	Jno. McNay, Silver City, Iowa.....	37.00
52	P. P. Smith.....	37.00
53	N. S. Fisher.....	37.00
54	J. R. Sullivan, Fontanelle, Iowa....	35.00
55	J. W. Pfander & Sons, Gravity, Ia..	36.00
56	Lorence Davidson.....	30.00
57	Henry Wiggin, Coin, Iowa.....	31.00
60	Smith Brooks, Clarinda, Iowa.....	51.00

BOARS.

40	F. W. McIntyre, Red Oak, Iowa.....	126.00
41	T. A. Pote, Bridgewater, Iowa.....	60.00
42	Jno. O'Connell.....	50.00
43	Jno. Sunderman, Clarinda, Iowa....	50.00
44	Same.....	45.00
47	L. E. Anderson, Hepburn, Iowa.....	40.00
48	H. Goecker, Clarinda, Iowa.....	38.00
49	A. Falk, Clarinda, Iowa.....	35.00
49½	Jno. Goecker.....	35.00
58	Albert Willhensen, Clarinda, Iowa..	48.00
59	N. S. Fisher.....	77.00
58½	Henry Wiggin, Coin, Iowa.....	26.00

Pfander's Poland China Sale.

The sale of Messrs. J. W. Pfander & Son, Gravity, Iowa, brought out a good crowd of breeders, mostly from southern Iowa, and an average of \$28 was made on forty-three head. It was a good offering, mostly of the famous Giantess strain, and should have brought more money. The high price was \$105, for their noted brood sow, Model Giantess, and she was purchased by Messrs. Chilcote Bros., of Conway, Iowa. She is one of the cheapest sows sold this season. As a brood sow she ranks among the very first, and she has been a gold mine to her former owners. Below we list those selling for \$25 and above:

No.	Name	Price.
1	Model Giantess, Chilcote Bros., Conway, Iowa.....	\$105.00
2	J. O. James, Braddyville, Iowa.....	30.00
4	J. M. Hipsley, New Market, Iowa.....	25.00
11	H. B. Moats & Son, Villisca, Iowa.....	40.00
12	O. M. Healy, Bedford, Iowa.....	45.00
13	H. C. Pfander & Co., Clarinda, Ia..	40.00
14	Fred L. Rood, Clearfield, Iowa.....	55.00
15	A. B. Wakeman, Bedford, Iowa.....	27.00
18	Alex John, Bedford, Iowa.....	52.00
19	G. H. Harvey, Maryville, Mo.....	41.00

Cut off that cough with

Jayne's Expectorant

and prevent pneumonia, bronchitis and consumption.

The world's Standard Throat and Lung Medicine for 75 years.

Get it of your druggist and keep it always ready in the house.

PAID FOR ITSELF IN 30 DAYS

"COHOES, N. Y., Sept. 14, 1906.

"About three years ago I was selling my milk at 2 1-2 cents per quart to a creamery, but I thought that I could do better by selling the cream and keeping the skim milk on the farm for feeding pigs and calves. I set the milk in coolers and skimmed with dippers. The best I could do was about 20 quarts of cream per day from 20 cows. I sold the cream for 12 1-2 cents per quart.

I made up my mind to get a No. 6 U. S. Separator and try it.

By keeping an accurate record I found that with the U. S. I was getting about 40 quarts of cream per day from 20 cows, a difference of \$2.50 in favor of the

U. S. CREAM SEPARATOR

making a gain of \$75.00 in 30 days. Then I value the skim milk at 33 1-3 cents per hundred quarts for feeding purposes on the farm, amounting to \$15.00 for 30 days at 150 quarts per day. As the total amount gained by the U. S. paid for it in 30 days, I will say that it is the best investment I ever made.

If those who may read my experience with the U. S. Separator have any questions to ask or want any information other than what I have given, if they will write me, I will answer and do it with pleasure.

R. A. SHUFELT, R. F. D. No. 1."

If you are keeping cows for profit, a United States Separator will help you "do better",—as it has Mr. Shufelt and many thousands of others. He has told you how. Let us tell you why. Mr. Shufelt's experience proves it is at least worth your investigation. A letter, or just a postal card with your address on it, and "Send new illustrated catalogue No. G 81," is sufficient. Will you write us?

VERMONT FARM MACHINE CO.

Bellows Falls, Vermont.

Eighteen distributing warehouses centrally located in the United States and Canada. 449

24	C. E. Sapp, Sharpsburg, Iowa...	26.00
25	J. H. Hamilton, Gulde Rock, Neb...	40.00
26	Ed Combs, New Market, Iowa...	27.00
27	A. J. Woodward, Gravity, Iowa...	25.00
32	M. S. Combs, New Market, Iowa...	25.00
36	H. Fessenmeyer, Clarinda, Iowa...	27.00
38	Williams Bros., Villisca, Iowa...	40.00
41	Same.....	26.00
44	J. H. Harvey & Son, Maryville, Mo.	50.00

The Peterson Short-horn Sale.

The dispersion sale of Messrs. Peterson Bros at Lamoni, Iowa, on the 27th, was a decided success, and the forty-eight head averaged \$92.50. A fair sized crowd of breeders and farmers from the surrounding country were on hand, together with Mr. D. J. Cronin, of O'Neill, Neb., who was the most active buyer in the sale. Imp. Crescent 6th sold for \$260 and was purchased by Mr. Cronin, and the herd bull, Gay Hampton, a son of Hampton's Best, also went to the same party at \$200. Imp. Crescent Fame and cow calf went to Mr. Asa Terrill, of Blockton, Iowa, at \$200, and Mr. A. C. Merritt, of Kellerton, Iowa, purchased the Bates bull, Fairholm Jewel, at \$200. The cattle were sold right off grass and it was one of the best sales held in that section of the state this year. Below we print list of those selling for \$100 and over:

COWS.

Spicy of Oak Grove, eight years, A. J. Knott, Hatfield, Mo.....	\$185
Imp. Crescent 6th, eight years, D. J. Cronin, O'Neill, Neb.....	260
Crescent Baby, one year, I. M. Taylor, Derby, Iowa.....	205
Imp. Princess Fame, five years, Asa Terrill, Blockton, Iowa.....	200
Stakeholder Princess, two years, J. J. Peterson, Lamoni, Iowa.....	150
Duchess of Waterloo Oxford, five years, Al Meteer, Weldon, Iowa.....	110
Kirklevington Princess of El Maiz 5th, six years, D. J. Cronin.....	130
Red Rose Lee, three years, same.....	110
Lady Sharon El Maiz, eight years, same.	125
Tulip, eight years, A. J. Knott.....	100
Moss Rose, three years, D. J. Cronin...	135

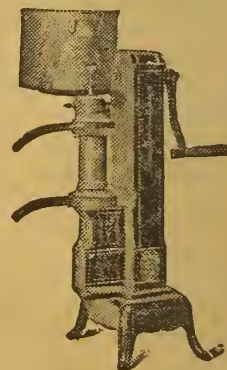
BULLS.

Gay Hampton 212202, three years, D. J. Cronin.....	200
Fairholm Jewel 223970, two years, A. C. Merritt, Kellerton, Iowa.....	200

Rankin's Duroc Jersey Sale.

The Duroc Jersey sale of W. A. Rankin, at Carson, Iowa, brought out a fair-sized crowd, and everything was sold at an average of \$23. The highest-priced boar in the sale was a son of Ohio Chief, and he brought \$37.50. Below is a list of those selling for \$25 and above.

No.	Name	Price.
1	R. J. Harding, Macedonia, Iowa...	\$37.50
2	Same.....	45.00
3	M. F. Gillispie, Oakland, Iowa.....	26.00
4	Sam Morgan, Jr., Henderson, Iowa.....	86.00
7	Ed McKay, Griswold, Iowa.....	26.00
8	Same.....	26.00
11	T. W. Dungan, Carson, Iowa.....	36.00
13	Albert Jasthman, Trainor, Iowa...	32.00
16	L. L. Farrington, Silver City, Iowa.	31.00
24	A. J. Bott, Elliott, Iowa.....	25.00



You Want All The Cream

Therefore You Want the

Iowa Dairy Separator

No other Separator made extracts every particle of cream. Some is always left, and this "some" is your loss.

The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time. A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write today and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

The Iowa Dairy Separator Co., Waterloo, Iowa.

26	Harry Holse, Taylor, Iowa.....	25.00
30	M. F. Gillispie.....	32.00
45	A. J. Bott.....	53.00
46	W. H. Rhodabaugh, Macedonia, Ia..	30.00
48	A. H. King, Oakland, Iowa.....	25.00
49	Fred Smith.....	25.00



HARD WEAR

is what the SECURITY BOOT was made for. Try it.

DURABILITY

is what you are seeking. Get it by insisting on having

the **SECURITY LYCOMING DUCK BOOT.**

It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

SNAG PROOF.

LYCOMING RUBBER BOOTS and SHOES are the best money can buy. QUALITY in every inch of them. If your dealer can't supply you, ask us how to get a pair of SECURITY BOOTS. HAMILTON BROWN SHOE CO. ST. LOUIS.



DAY BY DAY

Agricola

There seems to be a great demand for horses these times. They are shipped east. A good horse is a thing to love, but a balky, good-for-nothing nag is a very large nuisance.

Digging potatoes and cutting up corn is now the common industry on the farm. It is a comfortable feeling to know that we have an abundance of feed for the approaching winter.

Yet there are farmers who get tired before they have enough, and spring finds them running about the country buying feed.

Such farmers have missed their vocation. They were doubtless created to work the roads as they seem to be at it all the time.

A good way to catch rats is to fill a barrel full of corn and then set a couple of spring traps on it. It is our practice and the most successful we ever tried.

We are tinning the cribs to keep the wretched vermin out. To have bushels of shelled corn to feed with the germs eaten out, would provoke a saint, of which we are not one.

Pumpkins are a good cow feed this time of year. Some say they dry the cows up. But we have not found it the case with ours. They are increasing the flow of milk.

Men are selling hay and corn down town. We do not remember ever having sold a fork full of hay.

We always aimed, too, to have enough stock to consume the corn.

Sparrows are now gathering in flocks. When they rise all at once, it sounds like mimic thunder. They consume lots of farm stuff.

We husked a load of corn yesterday. The shucks are dry as ever they will be, but we wouldn't care about piling up very much.

Never had better corn. It is the second crop on a piece of sod. The season has been exceptionally favorable and the yield promises seventy bushels per acre.

Stock should fare well this winter. However, we knew a man who, it mattered not how plentiful feed was, had cattle on the lift towards spring, and invariably some died.

He saved at the spigot and spent at the bunghole.

Took some old roosters to town this morning and received four cents a pound for them. It strikes us a man will need sound teeth to chew them.

Eggs are nineteen cents. The biddies are paying for their keep; that is, the hens which are laying.

There are laying strains of poultry, as well as milk strains of Short-horns.

Pumpkin pie is strictly an American pie. We are told that in England they cannot grow pumpkins worth a cent.

A nation is much to be pitied that

cannot have pumpkin pie in the fall of the year.

They are having trouble in Cuba, it seems. Why don't this country at once annex it? That would put an end to insurrections there.

We, as a people, have large enterprises there and would soon have more had we possession of it.

For us to take possession might cause talk among other nations, but it would end in talk. The result would be of immense benefit to its common people.

Lincoln said, "The Lord must love the common people, He made so many of them."

This being so, the common people should love the Lord.

Agricola receives many letters from his readers. Received one this morning. It was from a gentleman who was raised four miles from the town where we were raised.

We try to keep our eyes and ears open to everything of a public nature going on in the world. This world is doubtless the second best that ever we shall be acquainted with.

Humming birds and turtle doves are yet with us, Oct. 1st. The little bird examines the tuberous flowers, such as cannas, running their long bills down in them for what insects they contain.

Another year we will plant more flowers which are tuberous and thereby have more humming birds.

This little bird soon learns its friends. Those who frequent our place have nested in our trees. They know us also, for they feed so near that we could lay our hands on them. But we never disturb them and they seem to know it.

FOUR YEARS OF AGONY.

Whole Foot Nothing But Proud Flesh—Had to Use Cuticura Remedies the Best on Earth."

"In the year 1899 the side of my right foot was cut off from the little toe down to the heel, and the physician who had charge of me was trying to sew up the side of my foot, but with no success. At last my whole foot and way up above my calf was nothing but proud flesh. I suffered untold agonies for four years, and tried different physicians and all kinds of ointments. I could walk only with crutches. In two weeks afterwards I saw a change in my limb. Then I began using Cuticura Soap and Ointment often during the day and kept it up for seven months, when my limb was healed up just the same as if I never had trouble. It is eight months now since I stopped using Cuticura Remedies, the best on God's earth. I am working at the present day, after five years of suffering. The cost of Cuticura Ointment and Soap was only \$6; but the doctors' bills were more like \$600. John M. Lloyd, 718 S. Arch Ave., Alliance, Ohio, June 27, 1905."

HIGHLAND PARK COLLEGE, DES MOINES, IOWA.

We have frequently called the attention of the patrons of this paper to the advantages offered at Highland Park College, Des Moines, Iowa, for gaining a thorough, up-to-date and practical education. We have done so in the belief that it was one of the most reliable institutions in the country, and that it furnished practical courses of study not

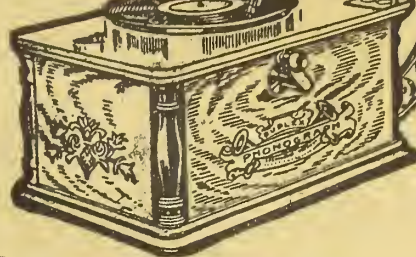
Let us Send You This Two-Horn

DUPLIX

Phonograph On Trial

Direct from our Factory to your own home.

We Pay the Freight.



SAVE ALL the DEALERS' 70% PROFIT

Each horn is 30 inches long with a 17 inch bell.

An Entirely New Principle in Phonographs

- Two vibrating diaphragms to reproduce the sound.
- Two horns to amplify and multiply all the sound from both sides of both diaphragms.
- No tension spring, and no swing arm to cause harsh, discordant mechanical sounds.
- Consequently, the Duplex produces a sweeter tone and greater volume of music than any other phonograph and is absolutely free from all metallic sounds.

Size of cabinet, 18 inches by 14 by 10 inches high

Double Volume of Sound.

THE Duplex is the first and the only phonograph to collect the vibrations and get all the sound from both sides of the diaphragm.

Because the reproducer or sound box of the Duplex has two vibrating diaphragms and two horns (as you see) to amplify the sound from both sides of both diaphragms.

The Duplex, therefore, gives you all the music produced—with any other you lose one-half.

Compare the volume of sound produced by it with the volume of any other—no matter what its price—and judge for yourself.

Purer, Sweeter Tone.

BUT that is not all, by any means. For the Duplex Phonograph not only produces more music—a greater volume—but the tone is clearer, sweeter, purer and more nearly like the original than is produced by any other mechanical means.

By using two diaphragms in the Duplex we are able to dispense entirely with all springs in the reproducer.

The tension spring used in the old style reproducers to jerk the diaphragm back into position each time it vibrates, by its jerking pull roughens the fine wave groove in the record, and that causes the squeaking, squawking, harsh, metallic sound that sets your teeth on edge when you hear the old style phonograph.

In the Duplex the wave grooves of the record remain perfectly smooth—there is nothing to roughen them—and the result is an exact reproduction of the original sound.

Direct From the Factory.

WE ask the privilege of proving to you that the Duplex gives a double volume of music, of purer, sweeter tone than any other phonograph made. We want to prove it at our expense. We ask you to let us send you one at our expense—under an arrangement mutually satisfactory—for use in your home one week.

Write today for catalog and full particulars of our FREE trial offer.

You'll never regret it. Please address

The Duplex Phonograph Co., 179 Patterson St., Kalamazoo, Mich.

found in other institutions of learning. Many of our patrons have sent their children to this school and have invariably been pleased with the education that their children have received there. We feel that in bringing the advantages of Highland Park College before our patrons that we are doing both patrons and school a favor, for it is often very difficult for parents to know just where they ought to send their children to fit them for the obligations and duties of life. No school in the country, probably, has spent more time and money in adapting itself to the needs of the people, and for that reason we feel that we are justified in bringing this school prominently before our patrons. The school was organized sixteen years ago and almost \$700,000 have been invested in buildings and equipments. The merits of the school have been recognized in all parts of the country and students have flocked to it from almost every state and territory in the union. President Longwell, the founder and president of the institution through all these years, in a personal letter states that the new school year has opened with almost 1,000 students in attendance. The first week of the school there were twenty-one states and Canada represented. They were distributed as follows: Illinois, 41; Nebraska, 40; Minnesota, 35; Kansas, 28; South Dakota, 26; North Dakota, 22; Missouri, 21; Wisconsin, 8; Colorado, 6; Montana, 5; Indian Territory, 4; Washington, 4; Wyoming, 3; Michigan, 3; New York, 3; Indiana, 3; Tennessee, 2; South Carolina, 2; North Carolina, 2; Oklahoma, 2; Canada, 1. The balance, of course, are from Iowa. Besides the regular college course there are special associate colleges of pharmacy, engineering, business, stenography, telegraphy, penmanship and drawing, music and oratory. These associate colleges are not simply departments of a literary college, but they are thoroughly equipped schools and maintain entirely separate faculties. The college of pharmacy, for instance, is the largest college of pharmacy in the United States, and graduated 109 students from this one department last year. The college of engineering is complete in every detail, having the most complete machine shops west of Chicago. Besides the regular engineering courses usually offered in engineering schools, the college maintains a trade school to prepare machinists for their work. The business college, including a commercial course, shorthand and typewriting and telegraphy, is known to be the most completely equipped business college in the West. The business exchange room is the finest business exchange room in the United States, and is presided over by one of the most competent superintendents of business college work found in this country, while the college of music and oratory is not equaled by any other school of its kind west of Chicago. The normal training course prepares teachers for all grades of public school work, and has a special department for preparing primary teachers. The course

is equal to that found in any of our state normals. The expenses have all been reduced to the minimum. The accommodations are first-class in every particular, and the faculty, which is composed of about sixty specialists, is probably not excelled in any other college or university in the West. We take special pride in calling the attention of our patrons to this school, feeling that we do them a favor as well as the college, in letting them know of the excellent advantages offered at Highland Park College. The calendar shows that special terms open October 15th, November 27th and January 2d. Our readers may obtain any special information they may wish with regard to the school by addressing the president for a free catalog.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron Mountain Route will sell round-trip tickets to points in Texas and Louisiana for \$20 from St. Louis and \$25 from Chicago on the first and third Tuesdays of each month. Proportional low rates will apply from other points; also one fare plus \$2 to points in Indian Territory, Arkansas and Missouri, and \$25 from Chicago to Pueblo, Colorado Springs and Denver, with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory, which are limited to thirty days, stopovers going and returning.

Mexico: Less than one fare on the first and third Tuesdays, with stopovers.

California: Low round-trip rates on sale daily to September 1st.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2, good thirty days, on sale daily.

Remember the Missouri Pacific Railway and Iron Mountain Route reach the principal points in the above-named states without change of cars.

For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

REUNION ARMY OF CUMBERLAND, CHATTANOOGA, TENN.

The Chicago Great Western Railway will on October 14th, 15th and 16th sell tickets to the above point at rate of one fare plus \$2.00 for the round trip. Tickets will be limited to October 30th to return, with privilege of extension to November 30th on payment of fifty cents additional. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

VERY LOW RATES TO NEW ORLEANS, LOUISIANA.

Via the North-Western Line. Excursion tickets will be sold October 11th to 14th, inclusive, with favorable return limits, on account of K. P. Supreme Lodge. Apply to agents Chicago & North-Western Ry.

What's Wanted Here?



A good reliable tonic that will keep this litter free from worms, keep them healthy, increase the appetite, increase the digestion, increase the power of the assimilate and appropriate more food, keep them in a growing condition, get them to market forty days sooner and get bigger hogs. You can do all this with

PRUSSIAN STOCK FOOD.

The gain will cost less than a tenth of the feed you save or what you make in extra weight. Prevents cholera and other disease. "A Wonderful Flesh Producer." Hogs gain 3 lbs. a day each. John Herbers, one of my customers, fed Prussian Stock Food to his hogs that he was fattening and weighed them several times while feeding it, and they made an average gain of three pounds per day to each hog.

25 lb. Pail, Over 1200 Feeds, at Dealers or Prepaid.

Hogs safe from Cholera if Prussian Stock Food is fed regularly and pens disinfected with Prussian Knapo-Curo. IF YOU LOSE ANY HOGS AND have been using Prussian Stock Food for thirty days as directed and disinfected with Knapo-Curo, WE WILL REFUND for all the Prussian Stock Food used. Knapo-Curo kills hog lice and all germs. Send for our book and direction, they are Free. Mention this paper when writing.

PRUSSIAN REMEDY CO., St. Paul, Minn.

Manufacturers of Prussian Hog Worm Powders, Heave Powders, Etc.

ADVERTISING NOTES.

Mr. Lewis Hogue, of Weiner, Ark., has 20,000 acres of desirable prairie and timber land for sale in tracts to suit purchaser. His advertisement will be found on this page.

Messrs. White & Shroot, of Palmyra, Mo., are offering good corn, wheat, clover and blue grass for sale on easy terms in their advertisement which appears on page 23 of this issue.

Any of our readers who are interested in the great Panhandle country of Texas should write to Mr. Thos. J. Pugh, Omaha, Neb., who will furnish them full particulars of lands he has for sale there.

Messrs. J. M. and Carl Stingily, of Pelahatchee, Miss., have 480 acres of land which they are offering for sale in an advertisement found on this page of this issue. For particulars and terms address the owners.

The Gilson Gasoline and Alcohol Engine, an illustration of which appears in the advertisement of the Gilson Manufacturing Company, of Ft. Washington, Wis., can be run by a boy or girl. The company states that it goes like "60," sells like "60" and sells for "60." It is sent on trial and can be used for such purposes as pumping water, running a cream separator, churning, etc. In writing the company please mention The Homestead.

The Big Bend Land Company, of Wilbur, Wash., make the statement on page 23 of this issue that opportunities to secure a home in the wonderful Big Bend land country of eastern Washington are passing away, and Homestead readers should not delay. The Big Bend land country is a section free from electrical and other destructive storms, cinch bugs and other pests, and failure of crops are unknown. The above company are making special low prices to those who wish to buy this fall. Write them for illustrated booklet and map.

Mr. H. J. Davis, dealer in farm lands and ranches, of Burns, Kan., has a number of improved farms located on the south line of Butler county of that state which he is giving descriptions and prices on in his advertisement which will be found on this page of this issue. He has also a 2,800-acre ranch located within six miles of a good town, for sale. Four hundred and sixty acres of this ranch are under cultivation. Homestead readers contemplating making investments in Kansas farms should write Mr. Davis, or go and inspect his farms.

We desire to call the attention of our readers to an advertisement by Messrs. Smith & Davis, of Ames, Iowa, that appears on page 23 of this issue. They have a number of good farms located in Story and Worth counties on which they are quoting prices. The Story county farms are located within two to four miles of the Ames Agricultural College and are all special bargains, well located and good tiled land. The two farms which they have for sale in Worth county belong to an estate and must be sold soon. They are considered by the advertisers very cheap at the price asked.

Why pay high prices for merchandise when the Chicago House Wrecking Company will sell you equally good goods for 30 to 50 per cent lower prices? The large advertisement of this reliable house should be read from beginning to end by every reader of The Homestead. Don't miss any part of it, for all the bargains are remarkable. You should also by all means write for their 500-page catalog No. 500 and study it thoroughly, as it will save you a lot of money in a year. This firm buy out exposition buildings and furniture, merchandise at sheriffs' sales, etc., and give the farmer the benefit. Be sure and mention The Homestead when writing.

In the construction of poultry houses no material can be found that will be so well adapted to the wants as the Rex Flincote Roofing. It will be found advantageous for lining, as well as for roofing. This roofing is durable, economical and easily put on. It is suitable for almost all kinds of buildings. If you are interested in obtaining a good roofing material it will pay you to get their little booklet, which can be had free, giving much information that will be found valuable. Send for their booklet, enclosing four cents in stamps, entitled "Making Poultry Pay." Address J. A. & W. Bird & Co., 86 India St., Boston, Mass., or 222 Lake St., Chicago. Their advertisement appears on page 12.

A fine farm in Buffalo county, Neb., is offered for sale by the owner, Mr. W. H. Grassmeyer, of Riverdale, Neb., in his advertisement which appears on page 23 of this issue. Three hundred and fifty acres of this land is under cultivation, the balance being in pasture and wild hay meadow, with eighty acres in alfalfa. There are 10,000 worth of improvements on the land, consisting of a fine, large, new house, two large barns, two granaries, corn cribs, scales, feed yards, etc. He also has for sale twenty acres of which there are good improvements. This last mentioned tract is located near Kearney, Neb. For further particulars read the advertisement and write the owner as above.

The head of every household is interested in cutting down the cost of fuel. Much of the heat supplied by the combustion of high-priced coal goes up the chimney, which is due to a wrong construction of the stove. The joints of an ordinary stove are closed up with stove putty and in a short time they become open and a waste begins by allowing the heat to escape up the chimney. On page 16 will be found the advertisement of the Cole Manufacturing Company, 3234-3244 S. Western Ave., Chicago, Ill., who manufacture a hot blast stove, the virtues of which should be known by every reader. A nice little booklet will be sent to any reader interested in good stoves, giving a good deal of information on scientific combustion. It can be had by sending a postal. Write them.

A choice 160-acre farm, situated nine miles northwest of McCook, Neb., a town of 4,000 population, and six miles north of Perry, Neb., is offered for sale on page 8 of this issue by Mr. E. T. Severns, the owner, of Fairmont, Neb. Mr. Severns, in writing in regard to this farm, says: "This is one of the best farms in Red Willow county and must be seen to be appreciated. There were over 2,000 bushels of wheat raised on it last year, besides other crops. Both spring and winter wheat do well here, as well as corn, for those who have tried to raise it.

One man had over 1,500 bushels of peaches this year which he is marketing at from \$1.50 to \$3 per bushel on the McCook market. Another man raised 4,500 bushels of wheat. One man can farm 320 acres here easier than he can 160 in an older country. This land is advancing very rapidly." For further information read the advertisement and write Mr. Severns, mentioning this paper.

An illustrated advertisement of Lyon's Perfect Hog Trough appears on page 32 of this issue of The Homestead. Mr. M. M. Bay, of Albia, Iowa, proposes, for introductory purposes, to send this trough on two weeks' trial. A careful perusal of the advertisement will give the reader sufficient information, which if acted upon will save him probably many times the cost of this trough.

The Theo. F. Koch Land Company, of St. Paul, Minn., have a large tract of land located in the clover and tame grass belt of Minnesota near two railroads and less than 100 miles from the Twin Cities on which they quote a very low price in their advertisement which appears on page 23 of this issue. They are the owners of these lands and Homestead readers interested should write them for particulars.

A GOOD FENCE TO BUY.

A fence that has stood the test of service for years and always gives satisfaction is the kind to buy. A fence that is even "cheaper than a wood fence" in the end. A fence that looks fine, stands the wear and tear, and one that is worth the price is the kind that the Up-To-Date Manufacturing Company, of Terre Haute, Ind., make. Any reader of The Homestead in need of fence should write to this concern and get their prices before buying. "Money saved is money made." See advertisement on page 14.

SPLENDID POULTRY REMEDY.

On page 12 of this issue of The Homestead appears the advertisement of Morris' Antiseptic Amalgamation, a comparatively new remedy for poultry diseases—especially roup, canker, etc. This preparation is manufactured by Messrs. Joseph Morris & Son, of Montezuma, Iowa. Messrs. Morris are successful breeders of Wyandottes and Mr. Joseph Morris is president of the Powsheik County Poultry Association. They have tried this remedy thoroughly and it has also been tested by dozens of practical poultrymen. It is guaranteed.

THE ONLY HOG WATERER.

One of the devices for watering hogs that has met with a good reception at the fairs this fall is the Only Hog Waterer, manufactured by the Only Manufacturing Company, of Hawarden, Iowa. It is one of those waterers that will not freeze if properly cared for, and it is one that regulates itself when the trough is full. A great many of the Iowa swine breeders placed their orders at the fairs and they all speak highly of it since using it. If any of The Homestead readers are interested in a good hog waterer they should write the Only Manufacturing Company, Hawarden, Iowa, for particulars and prices.

A GOOD PLACE FOR GOOD MEN.

On page 14 will be found the advertisement of the Des Moines Nursery Company, of Des Moines, Iowa, which is anxious to make some good contracts with some good men to work for them the coming year. This is one of the oldest and best nurseries in the country, and their business is always conducted in the most straightforward manner. They do an immense business in nursery stock all over the West, and the trees they put out are the best that can be grown. All their deals are lived up to to the letter and anyone making a contract to work for them will find his position both a pleasant and profitable one. Write them for their terms of employment.

A DIP ON TRIAL.

The Marshall Oil Company, of Marshalltown, Iowa, in order to educate stockmen concerning the great value of Dipolene, will give a thirty days' trial of their product, Dipolene, without cost to the purchaser. In other words, the company will send any quantity of Dipolene over two gallons to any farmer and stockman who will agree to use it according to directions and if it falls short in any way of what is claimed for it the purchase price will be refunded. A booklet has been prepared by this company which states concisely just what Dipolene is good for and how it is used to best advantage. It will be sent on application to the Marshall Oil Company, Marshalltown, Iowa. Read the advertisement on page 7 of this issue.

INFORMATION ON TELEPHONES.

The Stromberg-Carlson Telephone Company, of Chicago, Ill., is the largest independent telephone house in the world. This company have been instrumental in scattering the blessings of rural telephones throughout the length and breadth of this land. A fifty-two-page booklet has been prepared by this company entitled, "How the Telephone Helps the Farmer," and this will be sent free upon application. It will be found to be full of interest from cover to cover, giving as it does a great many scientific facts relating to telephones in particular and electricity in general. It also imparts much practical information relating to the subject of telephone construction, etc. The advertisement will be found on page 14 of this issue. Write for the booklet referred to, addressing your request to Stromberg-Carlson Telephone Company, Chicago, Ill.

A RELIABLE TONIC.

Farm animals are more difficult to handle now than in an early day when they lived largely on grass. Their confinement today and the necessarily heavy grain feeding has weakened the respiratory and digestive systems. In many cases a tonic is needed because of this. Prussian Stock Food, manufactured by the Prussian Remedy Company, of St. Paul, Minn., is an exceedingly well-known tonic. It is not a food in the correct sense of the word, as only a small quantity is needed in the ration. A twenty-five-pound pail contains over 1,200 feeds. Its use increases the ability of an animal to digest its feed, consequently a small ration fed in conjunction with Prussian Stock Food will give better results than a larger ration fed alone. It contains nothing injurious to the animal's system, but, as said before, simply increases the power of assimilation. It is not the food that the animal eats that determines how much it will gain, but what it

Windows 62¢

138 inches thick, glass 10x20, four lights. All sizes equally low. Less than half what you usually pay. Regular Price \$1.50

If you have any use for glazed windows, don't buy elsewhere at any price or under any circumstances until you cut this advertisement out and mail it to us.



You will then receive by mail, postpaid, FREE, Our Grand Millwork Catalogue, a book of the latest and best styles of doors, windows, storm sash, moulding, porch brackets, columns, stair rails, ladders, art glass, etc.

We will explain why we can sell at prices so much lower than were ever before known.

Our prices are next to nothing compared with what you have been in the habit of paying.

Modern Front Door, glazed clear glass, "B" quality, \$1.99
Four-Panel Door, painted, .74
Two-Light Window, glazed clear glass, .63
Storm Sash, glazed clear glass, .64
Art Front Window, Battenberg lace design, 3.35
1/4x1/4 Quarter Round, per 100 ft., .25
Porch Brackets, .05
Colonial Staved Columns, 1.60

Our prices on all other millwork equally low. If you intend to build, or if you need millwork for any purpose, do not think of buying until you get our estimate.

GORDON VAN TINE & CO., Station 25, DAVENPORT, IOWA

LANDS AND HOMES FOR SALE

IOWA FARMS

FOR SALE AND FOR RENT.

WE have over 100 of the choicest Iowa farms for sale from \$55.00 to \$90.00 per acre. We have five or six large farms to rent. Write us for catalog and map of Iowa. It is free.

THE ALLEN LAND & LOAN CO., LAURENS, IA.

7,000 Acres

FARM and ranch lands near Sharon Springs, Kan. Finest land for \$5.50 per acre, you ever saw. Easy terms; small payment down. You'll never miss it. Homesteaders better get full particulars. Next excursion October 18. Write W. F. SHELTON LAND AGENCY, 215 Sheldley Bldg., Kansas City, Mo.

For Price and Terms

ON the best 480-acre highly improved farm in southwest Oklahoma, write L. A. Briggs & Co., 206 Hall Bldg., Kansas City, Mo

assimilates, and it is this that Prussian Stock Food assists. Send for book and directions how to use the food to Prussian Remedy Company, St. Paul, Minn.

HIDES DIRECT FROM FARM TO TANNERY.

The people throughout this section will be interested in learning that a large leather tanning concern have decided to buy direct from farmers, butchers and merchants hides, pelts, furs, wool and tallow. There is a decided disposition these days on the part of manufacturers to buy direct from the producer and sell direct to the consumer, a step in the right direction and one of course that is mutually beneficial. The firm referred to is Messrs. J. S. Smith & Co., of Chicago, who have been in business since 1865 and have branches at Minneapolis, Kansas City, Omaha, Sioux City, Iowa; Detroit, Grand Rapids, Mich.; Indianapolis, Ind.; Springfield, Mo.; Denver, Colo.; Portland, Ore.; Boise, Idaho; Pocatello, Idaho; Nashville, Tenn.; Grand Island, Neb.; Hastings, Neb., and Los Angeles, Cal. See advertisement on page 17.

A GOOD STOVE AT SMALL COST.

Messrs. W. & H. Walker, of Pittsburg, Pa., make an exceedingly liberal offer in their advertisement on page 17 of this issue. For \$6.50 they will ship a cook stove twenty-four and one-half inches wide and forty inches long, with a fourteen-inch grate and an eighteen-inch oven, weighing 24 pounds. The regular price of this stove is \$16.50, but it is reduced to the price mentioned in order to introduce the Walker stoves into the best country homes of the great central West. The firm manufacture and import over 200 household necessities which they sell directly from factory to consumer, thereby cutting out the middleman's profits. A postal card application for the stove catalog and other literature will bring you full information concerning the character of the goods being sent out by this firm, and also the price of same. Address Messrs. W. & H. Walker, Stove Dept. 90, Pittsburg, Pa.

CUTTING DOWN THE FUEL BILL.

Garland stoves and ranges are fuel savers. They are constructed on scientific principles so that just the right amount of air fans the flame. No gases can escape because combustion is perfect in the Garland stoves and ranges. It will pay to cast aside an old stove or range, even if not worn out, and buy a new Garland. The saving in fuel will soon pay for the new stove, saying nothing of the additional comfort experienced in its use. The advertisement of the Garland stoves and ranges will be found on page 17 of this issue. The reader is requested to turn there at once. Notice the place for your name and address. If you are interested in the purchase of a new stove or range, sign your name, as well as that of your stove dealer, and also give your address, enclose in an envelope and address to the Michigan Stove Company, Detroit, Mich., and you will receive free of charge the most interesting book on stoves you have ever examined.

Do you want to buy land in the best part of Kansas?

Come to Burns or So. line of Butler Co., where you can raise all kinds of crops; especially alfalfa. The best alfalfa land in the state. Here are a few bargains that it will pay well to buy. Read them: No. 54-160 A., 110 A. in cultivation, 6 A. orchard, 45 A. pasture, 6 room house, barn, chicken house; all on houses on an improved place. Well and wind-mill. Price \$5,000. No. 133-180 A., 120 A. in cultivation, 6 room house, orchard, well; cave; 40 A. in pasture and meadow. Well and windmill at barn. Price \$5,800. No. 20-2,800 A. Fine ranch 6 mi. from good town. 460 A. in cultivation. House of 6 rooms, all in repair. Well at house. Burn 42x60. Well built; other out buildings, tenant house of 3 rooms. Well and windmill at barn. Springs and plenty of running water. Land is deep black lime-stone soil. Unimproved land can nearly all be cultivated; just rolling enough to drain well, no waste land; one of best ranches in Kansas. For prices and terms write us. H. J. Davis, Burns, Kan.

William Lampmann,

Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send to me, free of charge, full information about

IDAHO IRRIGATED LAND.

Yours truly,
(Name).....
(Town)..... (State).....
(R. F. D.)..... (Box).....

FARM 160-ACRE FARM

NINE miles northwest of McCook, a town of 4,000 population; six miles north of Perry, in Red Willow county, Neb.; all perfectly level land; 160 acres in cultivation, frame house, barn for 8 horses, two good granaries, buggy shed, corn crib, hog shed, etc. Good well, windmill, cistern, young orchard of 70 trees, 8-acre ash grove north of buildings, 70 acres in wheat, 7 acres in rye; half mile to school. If sold in sixty days, \$5,000 will buy it; adjoining 1/4 section, \$10,000; adjoining 1/4 section, \$4,800. For further information call on or address, E. T. Severns, R. F. D. 4, Fairmont, Fillmore County, Nebraska.

A LEVEL, FERTILE FARM.

480 ACRES, one-half cleared and fenced, one-half valuable timber, on two public roads. For price, particulars and terms, address the owners, J. M. & Carl Stingily, Pelahatchee, Mississippi.

IOWA FARM

240 ACRES, good dwelling, 2 barns. Land lies well, but part some rolling; abundance water piped from spring to large tank; has apples, peaches, cherries, grapes, small fruit; about 7 miles to town; line roads; all could be used for corn. Easy terms; this is a snap. Write us, or better come and see this before it is sold.

BOSSERMAN BROS., MURRAY, IOWA.

FOR SALE

20,000 ACRES of desirable Prairie and Timber Land in any size tracts. \$8.00 to \$15.00 per acre. LEWIS HOGUE, Weiner, Ark.

COME TO VIRGINIA.

500 special bargains in farms. Northern farmers send for new catalog. Learn about this country. Percival Bros., Petersburg, Virginia.

In Beautiful Artesian Valley, With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to Miller & James, Meade, Kansas.

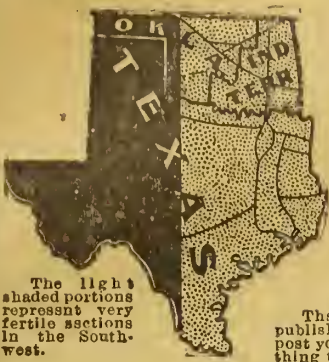
FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

When writing please mention this paper.

....LANDS AND HOMES FOR SALE....

You can make Money in the Southwest



The light shaded portions represent very fertile sections in the Southwest.

Opportunities for making money abound in the Southwest. One of the surest sources of profit lies in the certain increase in land values, within the next five years. Good rich farm land, capable of raising 30 bushels of wheat to the acre, can now be bought in the Southwest for from \$3 to \$10 an acre. The same land 5 years hence will bring \$25 to \$50 an acre. Settlers are going into the Southwest by the thousands and it is only a matter of a few months when the actual demand for this rich land will force the price much nearer to what it is really worth.

Now is Your Opportunity!

You can sell your present farm—pay off the mortgage and have enough left to buy a big farm in the Southwest that will make you independent in a few short years.

The "Coming Country" Free!

This "Coming Country" is a very interesting paper published monthly and devoted to the Southwest. It will post you on conditions in the Southwest better than anything that you could read. I'll be glad to have the publisher place your name on the mailing list and send you a free copy of the paper regularly for one year. Write now to

S. G. LANGSTON, Sec'y., M. K. & T. Land Bureau, 306 Wainwright Bldg., St. Louis, Mo.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 600 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. A good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$90 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, chicken in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers. Capital and Surplus, \$250,000.00. LARIMORE, - - - - NORTH DAKOTA.

CROPS NEVER FAIL.

CALIFORNIA In the beautiful Sacramento Valley, Sunset Colonies offer best opportunity in California for the farmer, fruit grower and stock raiser. Tracts of 10, 20, 40 acres or more of the richest land, all under irrigation. Abundant water at low rates. New model town with building. Two railroads. Good markets for all products. Dairying and stock raising very profitable. Ten tons alfalfa to the acre. Peaches, pears, grapes, figs, etc., pay well. Good roads, good schools, churches, electric lights, etc. A rich and prosperous farming community. Four thousand acres just subdivided and now offered for sale on easy terms. Just the place for a home. Near Feather River, with fine hunting and fishing. This is the land of the Big Oak Trees. Write for free illustrated pamphlet. Mention this paper. Sutter Irrigated Farms Co., 1109 Post St., San Francisco, Cal. (Agents wanted.)

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED. Properties and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF, THE LAND MAN, 415 KANSAS AVENUE, TOPEKA, KANSAS.

CORN LAND.

AN improved quarter section. One and a half mile from Randall on the new M. & St. L. R. R. in Clark County, South Dakota. One of the best farming districts in the state. 50 acres plowed; one-quarter mile from school; R. F. D., etc. If taken at once I will accept the low price of \$17.50 per acre on reasonable terms, no commission to be paid. Write to or call upon the owner.

E. M. KIERON, 311 Nicollet Ave., Minneapolis, Minn.

EASTERN KANSAS. THE PLACE FOR YOU?

160 ACRES all tillable, 120 under plow, 4 roomed house, half mile from R. Station, 6 miles from 2 good towns. It's a dandy. Price \$5000, easy terms. 120 acres, 3 roomed house, good barn, fine orchard, good water on R. F. D., 60 acres broke, all tillable. Price \$4200-\$5000 cash, balance your terms. Call on or address.

F. S. BENNETT, LOCK BOX 16, EMPORIA, KANSAS.

YOU WANT TO INVESTIGATE THESE Lyon Co. farms before buying elsewhere. 180 acres 7 miles from Emporia; 40 acres under cultivation, balance pasture and meadow. All of farm can be put under plow. Good bearing orchard, never failing water, cottage house of 7 rooms, barn, cribs, etc. On R. F. D. and phone line. Price, \$3,600. 183 acres. 70 acres first bottom, balance slope and upland; 90 acres cultivated and balance meadow and pasture. Good orchard, all kinds fruit bearing. Good water, barn for 12 head horses, granary, cribs, feed lots, etc. Dwelling of 7 rooms. Price, \$5,500. Write for booklet on Lyon county and list. All correspondence cheerfully answered. I. N. Wells & Son, Emporia, Kan.

FARMS, STOCK RANCHES, CITY PROPERTY BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank. Hartford Land Co., Hartford, Kansas.

800 ACRES, Keith County, Nebraska, six miles from Ogallala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment. BOX 81, INDEPENDENCE, IOWA

ARE COMING WESTWARD? BUY a home in central and northern Kansas, in the corn, wheat, alfalfa and hog belt. We have the best of soil and an ideal climate. For full description and particulars, address Griffin's Real Estate Agency, Smith Center, Kan.

OUR NEW MAP OF TEXAS SENT free for the asking, shows the location of 5000 farms in Texas, where we have fine fruit and tobacco lands, and some timber, which we can sell now at \$3, \$10, \$15 and upward per acre. Send for our descriptive circular. Address, Geo. H. Henford, 277 Dearborn St., Chicago, Ill.

FOR sale, S. B. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$18 per acre, reasonable terms. Frank Pearce, Fredericktown, Mo.

FOR choice bargains in farm lands in central Neb., the great alfalfa and corn country, address, F. H. Marley, Mason City, Nebraska.

IOWA FARMS FOR SALE.

410 acres at \$35 in Story county. 170 acres at \$85 in Story county. 170 acres at \$100 in Story county. 90 acres at \$95 in Story county. These farms are located from two to four miles from the Agricultural College and are all special bargains; well located, good land, tiled. Also 320 acres at \$70 in Worth county. 180 acres at \$67.50 in Worth county. These two farms belong to an estate and must be sold, and are very cheap at the price asked. Address,

SMITH & DAVIS, AMES, IOWA WHY BUY LAND AT FANCY PRICES

IN the Canadian northwest, thousands of miles from markets, when you can buy good quality land in the Clover and Tame Grass Belt of Minnesota, near two railroads and less than 100 miles from the Twin Cities or 70 miles from Duluth, at \$5 to \$10 per acre, easy terms? Wholesale tracts at dealers' prices. Agents wanted. For particulars apply to the owners.

THEO. F. KOCH LAND CO., 801 Globe Building, ST. PAUL, MINN.

Let Me Sell Your Farm

If it is a desirable property and your price is reasonable, I CAN SELL IT. More homeseekers and land buyers go through and stop off at Kansas City than at any other place. Can send buyers to look at property anywhere if desired and owner can make deal, paying my commission from proceeds. Send description and state cash price. IF YOU WANT TO BUY Write Me Your Wants.

GLENN REALTY CO. 349 K. C. Life Bldg., KANSAS CITY, MO.

RICH CALIFORNIA LANDS

In the fertile Chino Valley, 60 minutes from Los Angeles. Only \$75 to \$150 per acre - 1/2 cash, balance 1 to 4 years. Several crops a year. No cold or frost. Write for illustrated booklets today. CHINO LAND & WATER COMPANY 516 Wilcox Bldg., Los Angeles, Cal.

COME WHERE CROPS NEVER FAIL.

FREE information about irrigated land in the Gridley Colonies, Butte Co., California. No crop failures on irrigated land. Five to six crops alfalfa every season. Dairying and stock raising highly profitable. Peaches, grapes, figs and English walnuts give big profits. Abundant water for irrigation at low rates. A fertile and prosperous section, with good schools, churches and good roads. Two railroads. Good market. One hundred families have settled at Gridley the last year. Many more coming. Write for free printed matter. Chas. K. O'Brien, Gen'l Mgr., 1109 Post St., San Francisco, Cal.

A FINE ALFALFA, CORN & WINTER WHEAT FARM

MY FINE farm located in Buffalo County, 480 acres for sale, all fine black loam land 350 acres under cultivation, balance pasture and wild hay meadow, 80 acres alfalfa. There is over \$10,000.00 worth of improvements on this land, a fine large new house, two large barns, two granaries, two corn cribs, scales, feed yard, wells, windmills and cisterns, tanks and an engine to pump water, two large hog houses, two hog pastures, all fenced and cross fenced, close to four different churches, rural mail by the door, telephone in the house, one mile to school, five miles to Riverdale, twelve miles to Kearney, located in fine neighborhood, one of the finest homes in the state. The owner lives on the land, 100 acres now in winter wheat. This farm bears the highest investigation. Price \$80.00 per acre. Also a fine little house of 20 acres, good improvements close to Kearney. Price \$2,000.00. Address the owner

W. H. GRASSMEYER, RIVERDALE, NEB

IOWA FARMS FOR SALE BY THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address,

HAMILTON BROS., WINTERSET, IOWA

GOOD LANDS

IN Great Platte Valley, Lincoln county, Nebraska. Nice smooth table land of best quality within 5 miles of R. R. town, unimproved, for \$7.50 per acre. Improved farms same locality, \$10 to \$15 per acre. Improved stock ranches, \$6 to \$17.50 per acre. Wild grazing lands from \$2.25 to \$5 per acre. Address Buchanan & Patterson, Land and Im. Ags. U.P.R.R. North Platte, Nebraska.

Oklahoma Lands.

UNEQUALLED opportunities for homeseekers and investors. Millions of acres of the richest farm land in the United States is now owned by Indians who want to sell. Restrictions are being removed so they can sell. Write for particulars and map.

A. J. WALDOCK & CO., OKLAHOMA CITY, OKLAHOMA.

SUNNY COLORADO FREE

BOOKLET about Colorado and other WESTERN STATES, has just been issued, setting forth the advantages and profits of investing in irrigated and non-irrigated lands. Beginning with the question, "Do you want a change?" it leads the reader on through a description of the climate, the farming system, fruit and vegetable crops. If interested, write for free booklet. The W. E. Moses Co., 718 17th Street, Denver, Colorado.

FARMS FOR RENT. 640 acres Wilkin Co., Minn., level land; good improvements. 468 acres Duon Co., Wis.; two sets improvements. 800 acres Keith Co., Neb.; fair small improvements. 740 acres Chautauqua Co., Kan.; one-half plow land, 20 acres orchard; good improvements. All for grain or cash rent. Write for our list of farms for rent.

NORTHERN IOWA LAND CO., INDEPENDENCE, IOWA.

BOTTOM farm, Republican Valley, 1 1/2 miles from town. Raise corn, alfalfa, sugar beets, grain, hogs and cattle. 800 acres at \$25 per acre D. C. BENEDICT, CULBERTSON, NEB

GOOD corn, wheat, clover and blue grass land, in the famous Elmwood belt of Missouri, on easy terms. White & Shrout, Palmyra, Missouri.



Bring This Advertisement

WITH you when you come to the Panhandle of Tex. We have our own lands, and will sell at \$10 per A. Wheat is averaging 20 bushels per acre. Other grains in proportion. The last prairie lands to be had cheap. Address, H. S. Crouse & Co., 213-14 N. Y. Life Bldg., Kansas City, Mo., or Hereford, Texas, Ritchey Hotel.

FARMS IN Eastern Central Kansas, FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices

JAMES SHEERAN, Dickinson Co., Solomon, Kan.

CASH

For your farm, home, business or other property. We can sell it for you, no matter where it is or what it is worth. If you desire a quick sale send us description and price. If you want to buy any kind of property anywhere send for our monthly. It is free and contains a large list of desirable properties in all parts of the country.

C. A. Wilson, Real Estate Dealer, 415 KANSAS AVENUE, TOPEKA, KAN.

740 ACRES, Chautauqua County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. BOX 151, INDEPENDENCE, IOWA

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. DEER, Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

HOMESEEKERS' EXCURSION To Jasper county, southwest Missouri, every two weeks. Write for our free list of lands for sale. M. F. Davison Realty Co., Carthage, Mo.

TEXAS LANDS IN THE PANHANDLE, CHEAP. Thos. J. Pugh, - - Omaha, Neb

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

FEEDING SILAGE TO SHEEP.

Sheep breeders will be very much interested in experience of breeders who have fed silage to sheep. A sheep breeder of Indiana has the following to say on this subject in the Indiana Farmer: "Some sheep growers are enthusiastic in their praises of corn silage as a food for sheep; on the other hand, a large number do not think so well of it. All those who have tried it have agreed with reference to the wisdom of feeding a moderate quantity to the flock when the silage has been properly cured. On the other hand, quite a number have found trouble when feeding it in large quantities. On the whole, it is not to be considered as satisfactory food for sheep as field roots, since, more especially when there is much corn in the silage, it has a tendency to produce a heated condition of the system, which with breeding ewes is not desirable. It is not well, perhaps, to feed corn silage to a breeding flock more than once a day, and when so fed the aim should be to give them clover hay or alfalfa at least once a day in order to produce a proper balance in the ration. In cold weather it is probably wiser to feed the silage at noon than morning or night. When exposed to such weather for only a few minutes the temperature as cool as is frequently found in sheep sheds will freeze more or less, or if it does not freeze it becomes very cold. For this reason it is better to feed it in the middle of the day in cold weather, for at that time the temperature is usually many degrees warmer than in the morning or evening. It is not common to feed more than two to four pounds of silage per head per day to sheep, but some farmers who grow winter lambs feed as much as

that twice a day, more especially after the lambs have been born. A great advantage of silage as a food for sheep consists in its cheapness. It furnishes the cheapest food that may be fed to them, and when properly fed there should be no fear of hurtful results from feeding silage well made."

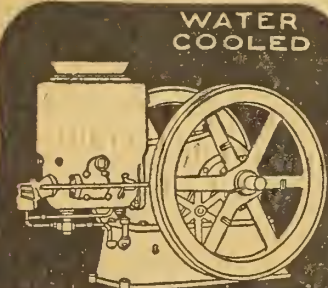
HANDLING WESTERN SHEEP.

Many farmers will this fall for the first time handle western sheep, and a little knowledge of the methods will not be out of place. The following from the Farm, Stock and Home gives some valuable points on this line: "About the first thing a farmer should do upon receiving a consignment of western sheep is to dip them. It costs a little money, but in the end it may save hundreds of dollars. The average farmer cannot tell upon examination of the sheep whether they are infected with scab, unless the disease is quite pronounced; so even if the sheep are said to have been dipped earlier in the season, the safest plan is to dip them again. If they have scab, many of them will die, and those that do not, will fail to fatten well, and hence not be readily salable. So give them all a bath and be on the safe side. Upon arriving, the sheep should be given plenty of water and salt, but should not at once be turned out onto the very succulent green pasture, for this may cause scours. They should be partly filled on rather dry grass or hay. When they are satisfied then they may safely be turned on green grass, or the corn field. With such treatment they may subsequently be turned on rape or clover pasture from time to time without injury. When once used to these crops, little trouble will be experienced in dry weather. Those who start feeding early, or whose sheep have the run of the corn field and learn to eat the corn, will have little trouble in fattening their flock and preparing them for market. If, on the other hand, the pasture is not of the best or the sheep should happen to be slow to eat corn in the corn field, one should not be a bit backward in feeding a small quantity of grain daily. The gains resulting will more than pay for the trouble and the sheep will also steady down to better grazing. Above all supply plenty of salt and water in addition to feed. Western sheep should never be allowed to remain at a standstill, but should be kept constantly on the gain. The feeding season is not long, and if money is to be coined, the most must be made of every minute."

A MARKET FOR GOATS.

Is there a market for goats for meat, or are goats used for meat? I have never seen any market reports giving prices of goats, and I have been in Chicago with stock a good many times. I never saw any goats while there. J. F. V. Marcola, Oregon.

Goats are shipped to all of the principal live stock markets and are sold readily at prices agreed upon without quotation. Although many goats are sold to packers but little, if any, goat meat is placed upon sale as such. It is usually sold as mutton. The flesh of kids is said to be quite palatable



FULLER & JOHNSON'S Frost Proof Gasoline Engine

Is the Engine for the Farm.

Because it can't freeze—you can operate outside with the thermometer 30 degrees below zero. No frozen, bursted pipes to stop you in the midst of some important work.

You do your work where and when you want to, not when the engine wants to.

Besides, it is the easiest engine to understand and operate. This is true because Fuller & Johnson have worked and experimented for 25 years to develop this simple engine for the farmer.

The FULLER & JOHNSON Guaranty back of this engine means absolute protection to you against loss or disappointment.

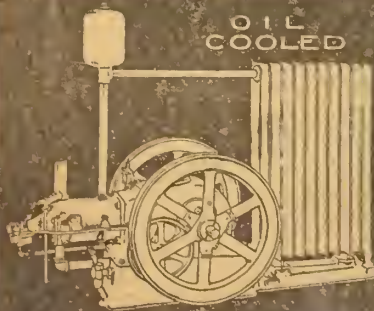
But, before you buy any engine, send a postal asking for our valuable free booklet, "Helpful Hints on Farm Power." It handles the farm power problem from the farmer's standpoint and will prove a valuable guide no matter what engine you buy.

Investigate Fuller and Johnson's Line of Farm Implements

if you want the highest standard of quality in materials, workmanship and design. Various styles of riding and walking Plows, Harrows and Cultivators, Corn Planters, Transplanters and Manure Loaders.

The Fuller & Johnson name plate has meant satisfaction to farmers for the past 45 years. We know the farmers' needs—we can supply your requirements.

Fuller & Johnson Mfg. Co.,
115 Washington St., Madison, Wisconsin.



FREE FOR YOU TO TEST

¶ We are so sure that Amatite is better than any other roofing that we want to send a Free Sample to every one who will mail us their name and address. We know Amatite is a great improvement on the ordinary ready roofings.

¶ It doesn't require painting or coating every year or two to keep it tight.

It has a non-conductive mineral surface, which gives it long life and offers absolute protection against rain, snow, hot weather, cold weather, frost and ice. You can depend upon it under the most difficult conditions.

¶ Any one can lay it. No

skilled labor required. Nails and Cement free with every roll.

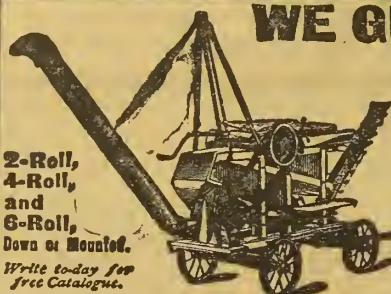
¶ It is a fire retardant. And of importance, its price is very low.

¶ Do not omit this chance to get a Free Sample and Booklet about it.

Address nearest office of the

BARRETT MANUFACTURING CO., Amatite Dept.

New York, Philadelphia, Chicago, Cincinnati, Cleveland, Boston, Minneapolis, Kansas City, St. Louis, New Orleans, Allegheny.



WE GUARANTEE

that under the same conditions as to power and speed applied, condition of corn, etc.,

The Appleton Corn Husker

will do more and better work than any other machine of like character and corresponding size on the market, that it is simpler in construction; easier in every way to operate; easier and safer to feed and to require less power for successful operation. The proof of these claims is sent for the asking. We make also a complete line of manure spreaders, horse powers, shellers, ensilage and fodder cutters, feed grinders, wood saws, windmills, etc. Remember that Appleton quality is the standard of excellence.

APPLETON MFG. CO., 39 Fargo St., Batavia, Ills.

Now or Never

No. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Ewe lamb at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same Ram for sale. 130 to 175 lbs. weight. Herd Boar \$1697, by Chief Perf. 2d 42559, also took 2d at F. C. THACKABERRY, FAIRVIEW STOCK FARM, TAMPIO, ILL.

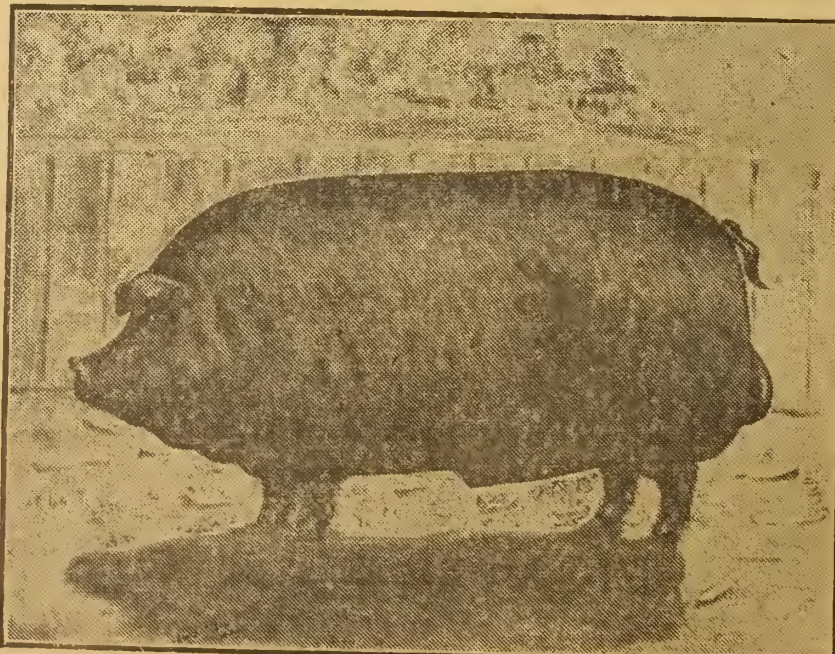
SHROPSHIRE FOR SALE.

CHOICE registered yearling ewes and pure bred unregistered ewes. Also imported and home bred yearling rams. Choice rams suitable for flock headers. Inspection invited. Satisfaction guaranteed. **DANIEL LEONARD & SONS, ADAMS CO., CORNING, IOWA.** 80 miles east of Omaha on main line of the Burlington.

and the meat is said to depreciate in quality as the animals become older.

POPULAR EXCURSION TO TWIN CITIES.

The Minneapolis & St. Louis R. R. has arranged to run their last popular excursion this season to Minneapolis and St. Paul on Saturday, October 13th. The train will leave Des Moines at 8:30 p. m., arriving Minneapolis 7:10 a. m. and St. Paul 7:45 a. m. Round-trip rate \$4.50. Berth rate in tourist sleeper \$1.00. Make your reservation at City Ticket Office, 512 Walnut St.



Schuyler Prince 29749, grandson of Tip Top Notcher, included in the forthcoming Duroc sale of Messrs. M. W. Greer & Son. See field notes.

BIG IMPORTATION

Of England's Tops Just Arrived.

ALSO have a prime lot of home-breds. Big, strong, heavy-boned, heavy-shearing rams to improve any flock. A growing lot of typical ram and ewe lambs. Long-bodied, short-legged yearling ewes, perfection in type. Our offerings and prices will interest you.

CHANDLER BROS., KELLERTON, IA.

LINCOLN RAMS

FOR SALE. ADDRESS,

B. F. Clark, Albia, Iowa

COTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgians stallions at \$1,000 each.

A. LATIMER WILSON, CRESTON, IA.

Allen's Shropshire Rams and Short-horn Bulls

I have a bunch of very fine rams; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.

GEORGE ALLEN, LEXINGTON, NEB.

Shropshire Rams

AT Pike Timber. A good lot of yearling Shropshire rams, all got by the Imp. ram Lord Byron (9889-R) and some of them out of imported ewes.

T. A. DAVENPORT, BELMOND, IA.

Oxford Down Rams FOR SALE.

A number of very choice rams for sale. Also some good Duroc Jersey boars.

S. S. STOLT, KIRON, IA.

GOATS FOR SALE. Polled Angoras, does and bucks. Must be sold at once.

S. S. McKIBBEN, DesOTO, IA.

OXFORD DOWN rams and ram lambs and ewes, sired by a 350 pound ram, for sale.

John Graham & Sons, Eldora, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

Echoes From a Kansas Farm

By Henry Hatch

Anyone who can rapidly peel bark off logs can get work of a similar nature husking Kansas corn this fall.

There is one drawback to farming by machinery, and that is the mud. None of the heavy machines can be used in mud. And this is an era of mud.

Some inventive genius has at last made a manure loader. We never have seen one at work, but if it works at all, the man with several hundred loads of manure to haul in a year cannot afford to hire it loaded by hand, at present wages paid hired hands.

The price paid ordinary day help on the farm has never been higher than now, and never scarcer to get. Thousands of men could get work until winter, right here in eastern Kansas; still, when you go to town, there are about the usual number of loafers on the street corners.

So far this fall the weather has been favorable to the man who has sown seed broadcast. Usually, when broadcasting fails, it is in the fall of the year, but these wet fall months, such as we have been given for the last half-dozen years, only call for getting the seed to touch the ground.

Different localities have their favorite varieties of grain. While living in Nebraska, in the spring wheat section of the state, the favorite for a number of years was the "Blue Helm" variety. Here, where nothing but winter wheat is raised, which yields on an average of double what the spring wheat used to, the favorite is getting to be the Iron Clad.

It depends a good deal on the man, whether or not there is anything in the \$60-a-month job of supplying the mail to patrons of a rural route. Some around here have taken the job for a few months, then given it up as profitless; others have been carrying ever since the start, and say they can lay up \$1 a day above the necessary expenses. One thing is assured, carrying mail six days in the week is no snap.

Some of the high-class stock papers give advice that is too high-class for the ordinary farmer and breeder to follow. For instance, sifting all the hulls out of ground oats before feeding to colts, is the latest from a stock journal. This kind of stuff is eagerly devoured by the man of money, who does his farming by proxy, but the man who farms for profit, not pleasure wholly, cannot afford to be too particular, especially when it means a big bill for hired help.

A farmer can make money by buying all the labor-saving machinery after he has the money to pay for it, when he would lose out by buying on time. This fact calls for taking all advice on buying machinery with a few grains of salt—taking into consideration your own situation. It is the interest that grinds a person down, when everything has been bought on time. A man who has been in a position to closely observe these things for the past twenty years, tells us that the man who has only the farm mortgaged always gets out all right, but when the farm, the stock and about all else is represented by interest, it is grind, grind, without making much impression.

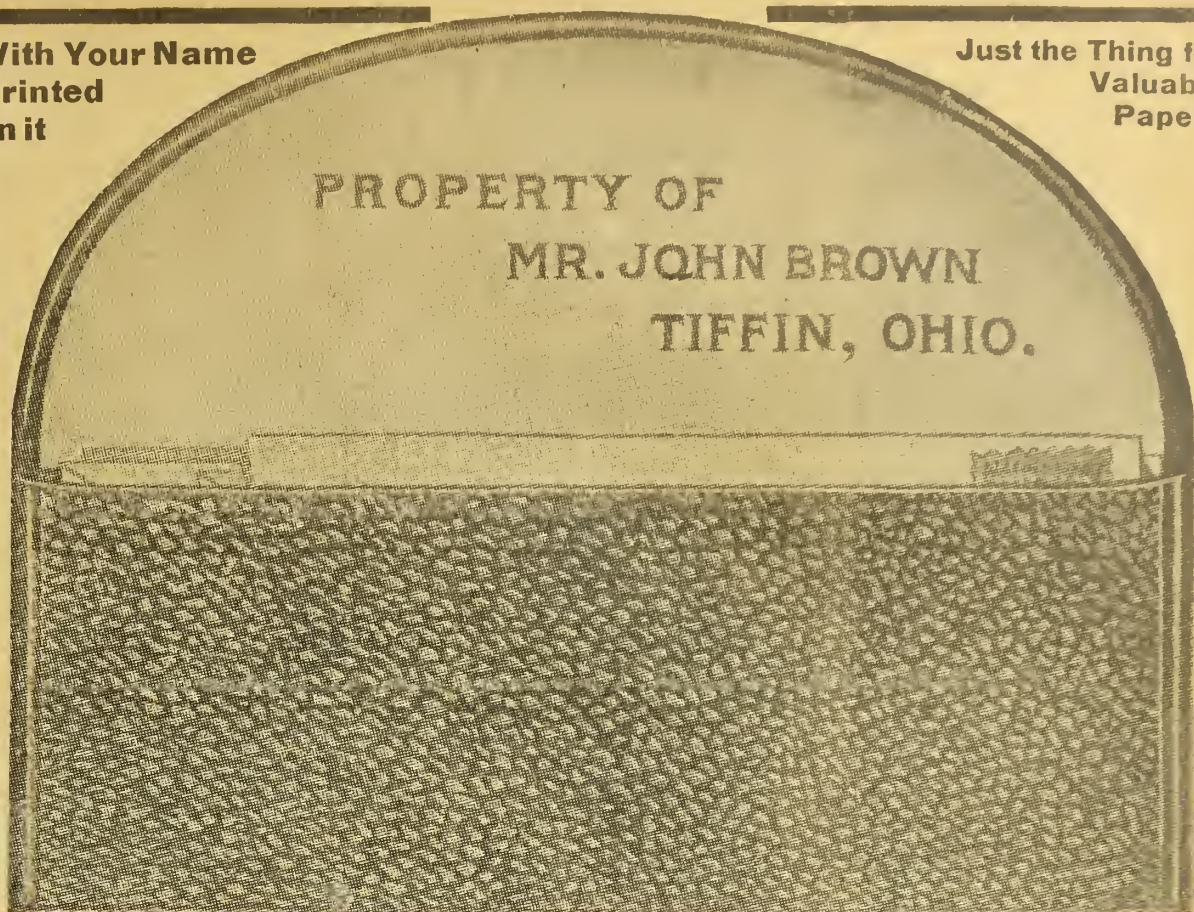
Never before has there been the hunting out of the public lands open for settlement that there is now. A large portion of those who sell their farms here go further west in the state, many clear to the Colorado line, where there is still some public land. In a very few months there will be no public land within the state, either worth having or worthless. The population continues pushing westward at a rapid rate.

A. J. CHILD & SONS.

One of the oldest mail order houses in America is that of Messrs. A. J. Child & Sons, of St. Louis, Mo., which was established in 1874. This firm have built up a splendid business by honest and straightforward dealings and by always giving the customer just what he paid for and at prices that were always reasonable. We have known this firm for a great many years and all the time they have carried an advertisement with us we have never had any complaints of their methods of doing business. They have just issued their new catalog of farm and household supplies and it is one of the most complete books of the kind that has appeared on our desk this fall. One

With Your Name
Printed
on it

Just the Thing for
Valuable
Papers



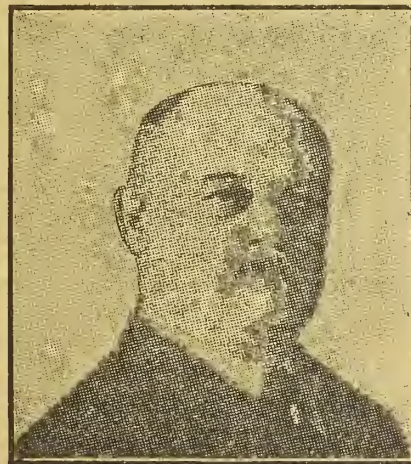
FREE FIVE THOUSAND POCKET BOOKS

I Am Going to Give Them Away

I PUBLISH the greatest Farm Paper in the world—"THE METROPOLITAN AND RURAL HOME." Before I was a publisher, I was a farmer. Now I am intensely interested in both. I believe farming and publishing are the greatest and best businesses going. Sometimes I even think farming beats publishing.

And now—just to show you how I feel toward farmers, I want to give five thousand of them each one of these Pocket Books. If you are a farmer, I want to give you one. I want to give you one of these Pocket Books so you can show it to your friends and say, "My friend Ellis, publisher of the greatest Farm Paper in the world, gave me this." Then you and your friends will think of me and my paper—The Metropolitan and Rural Home—that goes to half a million farmers every month—and you will say among yourselves, "That Ellis must be all right. I want to read his paper and see what he says in it." These Pocket Books I am going to give you are made from genuine Rubber Covered Cloth. They are just the thing to carry valuable papers—such as notes, contracts, Fire Insurance Policies, weight receipts, etc., as well as money. They fold up flat and fit your inside coat-pocket—just the kind of Pocket Book every man likes to own.

Now you don't pay anything for the Pocket Book. It's FREE. I send it to you postpaid and don't ask you a cent. But to show that you are willing to be just as liberal with me as I am with you, I want you to send me 20 cents for The Metropolitan and Rural Home for a year. Now don't say, "that's what I expected." Wait a minute and read the rest. You haven't got the most liberal part of my offer yet. Read this announcement all through. I would do as much for you, if you were me and I were you. If you will do as I ask, I will HAVE YOUR NAME AND ADDRESS PRINTED ON THE INSIDE OF YOUR POCKET BOOK, so if it gets lost, it will be returned to you at once. When I send it to you, I will also send you some sample copies of The Metropolitan and Rural Home and I will continue to send the paper to you for Three Months. Then, if you don't like it, just say so and I'll SEND YOU BACK YOUR 20 CENTS and stop your subscription and you may keep the Pocket Book for your trouble. That gives you the paper three months FREE—to say nothing of the fine Pocket Book. Now—what do you think of that for an offer?



CHARLES E. ELLIS

at once. When I send it to you, I will also send you some sample copies of The Metropolitan and Rural Home and I will continue to send the paper to you for Three Months. Then, if you don't like it, just say so and I'll SEND YOU BACK YOUR 20 CENTS and stop your subscription and you may keep the Pocket Book for your trouble. That gives you the paper three months FREE—to say nothing of the fine Pocket Book. Now—what do you think of that for an offer?

A GREAT BIG ILLUSTRATED MAGAZINE FREE

mind you, The Metropolitan and Rural Home is a great big Magazine Paper. It is printed in clean, plain type on nice paper and there are lots of pictures every month. I just mention these things because they are extras—it's the stock, dairy and farms news, and good stories, that make my paper the best farm paper in the world.

If you don't tell me at the end of three months to stop the paper, of course, I'll keep your subscription—enter your name as a regular subscriber and send you The Metropolitan and Rural Home for a full year.

Now I'm sorry I haven't got more of these Pocket Books, but there are only 5,000 to give away, so you'll have to hurry a little if you want one. They are such good Pocket Books that they'll go like wildfire and you ought to stop right here, fill in the order blank AND MAIL IT TO ME AT ONCE, so as to be sure to get one of these Pocket Books. I put that blank in here so you needn't hunt for paper and ink unless you want to. Use a lead pencil, fill out the blank, inclose twenty cents (stamps or silver) and mail it to me just as quickly as you can. Do it right away, so the Pocket Books won't be gone when I get your subscription.

CHAS. E. ELLIS, Publisher, 22 North William St.,

Metropolitan and Rural Home

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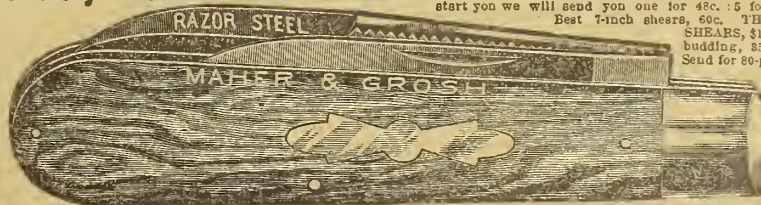
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C. E. Ellis, New York. Dear Sir: Send me THE METROPOLITAN AND RURAL HOME for a year unless I tell you to stop it at the end of three months. Also send me one of those FREE Pocket Books with my name printed on it. I inclose 20 cents (silver or stamps) which you are to return to me if I tell you at the end of three months to stop my subscription to your paper. Yours truly,

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cannot help but find everything one wants in its 225 pages. It is finely illustrated and not only gives the picture of the article offered for sale, but a complete description of it and the uses it is put to, as well as price. The readers of this paper will find this catalog No. 97 a great assistance in getting up their mail orders and the firm will be glad to mail it to any of our readers who may be interested and will write to Messrs. A. J. Child & Sons, St. Louis, Mo., for a copy. Always be sure to mention this paper when writing and your wants will be promptly attended to.

Factory Prices to Farmer Folks



Every M. & G. blade is hand-forged from razor steel, file tested warranted. This cut is exact size of 75-cent strong knife. To start you we will send you one for 48c. 5 for \$2.00, postpaid; Best 7-inch shears, 60c. THIS KNIFE AND SHEARS, \$1.00. Pruning, 75c. budding, 85c; grafting, 25c. Send for 80-page free list and "How to Use a Razor."

MAHER & GROSH CO.
641 A Street
Toledo,
Ohio.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Oct. 5, Arch Brown & Sons, Waterloo, Neb.
 Oct. 6, G. W. Hockett, Manning, Iowa.
 Oct. 8, J. C. Danner, Yale, Iowa.
 Oct. 8, R. E. Williams, Oakland, Iowa.
 Oct. 9, N. J. Hiltabrand and Lewis Bros., at Princeton, Ill.
 Oct. 9, August Voge, Portsmouth, Iowa.
 Oct. 10, F. H. Herring, Iowa City, Iowa.
 Oct. 11, O. E. Mickey at Osceola, Neb.
 Oct. 11, W. S. West, Hanna City, Ill.
 Oct. 11, F. M. Erschen, Odell, Ill.
 Oct. 12, C. Moore & Son, Kellerton, Iowa.
 Oct. 13, Aug. Sonneland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, Claude Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 15, E. Z. Russell, Blair, Neb.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morrison, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, L. W. Cross & Son, Mason City, Ill.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Sheldahl, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Hasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Blainfield, Shannon City, Ia.
 Oct. 20, H. E. Watson, Edinburg, Ind.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Bushnell, Ill.
 Oct. 22, F. Aldritt, Friend, Neb.
 Oct. 23, A. A. & W. G. Karschner, Wilcox, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Marrs, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, J. Coy Roach, Girard, Ill.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weigton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Weber, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundberg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennetbun, Madrid, Iowa.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed. A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Patton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, H. Higgin & T. Roberts, Petersburg, Ill.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Sheldahl, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 23, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 26, THE ONLY WAY DUCOC CIRCUIT.
 Feb. 19, E. H. Deak, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrother & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Oct. 5, G. H. Burge, Mt. Vernon, Iowa.
 Oct. 6, John Hughes, Belle Plaine, Iowa.
 Oct. 6, A. M. Jance, Lafayette, Ill.
 Oct. 8, Geo. A. Hans, Newton, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, J. Z. Willson, Morning Sun, Iowa.
 Oct. 11, J. H. Graham, Spencer, Iowa.
 Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurel, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, at Raleigh, Ia.
 Oct. 18, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 18, W. I. Wood, Washington, C. H., O.
 Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 23, T. A. Davenport, Belmond, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, A. P. Fuhrmeister, Churdan, Iowa, and Theodore West, at Jefferson, Iowa.
 Oct. 30, T. A. Baldwin, Emmetsburg, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 1, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 13, The Shady County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 14, S. H. Thompson's Sons and Wm. Smith & Sons, West Liberty, Iowa.
 Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, W. S. Parsons, Turner & Stewart, Newton, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 March 20, James Stack, Harvard, Neb.
 POLAND CHINAS.
 Oct. 6, D. C. Lonergan, Florence, Neb., at Council Bluffs, Iowa.
 Oct. 9, Ira Cottingham, Eden, Ill.
 Oct. 10, R. A. Samman, Glasford, Ill.
 Oct. 10, W. D. Fulton, Villisca, Iowa.
 Oct. 11, F. J. Green, Early, Iowa, and Ben Broughton, Lake View, Iowa, sale at Lake View.
 Oct. 11, J. O. James, Braddyville, Iowa.
 Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 18, S. R. Patterson, Centerville, Iowa.
 Oct. 18, O. R. Phelps, Taintor, Iowa.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, G. H. & J. L. Mahr, Corning, Iowa.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meese & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 29, B. M. Bell, Beattie, Kan.
 Oct. 30, G. E. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 15, A. L. Meith, Cairo, Neb.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Jan. 22, Roy Rockwell, Paulina, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 13, E. D. Keasey, Wiota, Iowa.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 ABERDEEN ANGUS.
 Oct. 9, Aberdeen Angus Breeders' Association Combination Sale, Kansas City, Mo., W. C. McGavock, Mgr.
 Oct. 10, Wm. Hansen, Dickens, Iowa.
 Oct. 12, G. N. Oxley, Bedford, Iowa.
 Oct. 17, W. H. Jones, Quimby, Iowa.
 Oct. 19, M. D. & C. G. Korns and Wm. Dixon, Hartwick, U. S. Grant, Brooklyn; A. H. Kimball, Ladora, and H. H. Reed, Margengo, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aleo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Oct. 25, McElhinny & Cubit, S. E. Edgar, and others at Morning Sun, Iowa. W. K. Henss, Manager, Wayland, Iowa.
 Nov. 8, M. A. Judy, Beecher, Ill., at Chicago, Ill.
 Nov. 13, Wm. Cash, South Amara, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 May 28, C. J. Martin, Churdan, Iowa.
 HEREFORDS AND SHORT-HORNS.
 Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.
 Oct. 22, L. C. Reese, Prescott, Iowa.
 SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.
 Nov. 27-30, South St. Paul, Minn., D. R. Mills, Mgr.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 13-21, South Omaha, Neb., D. R. Mills, Mgr.
 O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.
 POLAND CHINAS AND HEREFORDS.
 Feb. 14, Peter Mouw, Orange City, Iowa.

Dates Claimed for Live Stock Sales.

HEREFORDS.

Oct. 8, N. J. Hiltabrand and Lewis Bros., at Princeton, Ill.
 Oct. 17, 18, 19, Frank Rockefeller, at Kansas City, Mo.
 Oct. 30, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 11-12, Armour-Funkhouser, Kansas City, Mo.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 THOROUGHbred HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
 GALLOWAYS.
 Oct. 11, American Galloway Breeders' Ass'n Combination Sale, Kansas City, Mo.
 Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
 SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Faucett, Mo.
 Nov. 21, Saddler Bros., Hastings, Neb.
 HOLSTEIN-FRIESIAN.
 Feb. 14, H. C. Glissman, South Omaha, Neb.
 SHORT-HORNS AND DUCOC JERSEYS.
 Oct. 27, A. P. Alsin, Boone, Iowa.
 Feb. 25, W. C. Cameron, Herman, Neb.
 SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
 PERCHERONS AND SHORT-HORNS.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 PERCHERONS.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 CHESTER WHITE AND DUCOC JERSEY HOGS AND SHROPSHIRE SHEEP.
 Oct. 11, Combination sale, J. S. Kennedy, Mgr., Blockton, Iowa.
 POLAND CHINAS, DUCOC JERSEYS AND CHESTER WHITES.
 Nov. 9, Northwest Breeding Company, Emmetsburg, Iowa.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

FIELD NOTES.

M. H. Manley & Co., of Lyons, Neb., will sell at private sale all their boars and sows that they cataloged for their fall sale. Several of these sows will be bred to Junior Jim, the second-prize aged boar at Des Moines.

A highly-improved farm of 480 acres of land, considered the best in southwestern Oklahoma, is offered for sale by Messrs. L. A. Briggs & Co., of Kansas City, Mo., in their advertisement which appears on page 22 of this issue. For prices and terms write them.

Thirty very choice Poland China boars are offered for sale by Mr. Jno. Schneider, of Remsen, Iowa. These are sired by Winning Perfection and Keep On 3d, and are as good as those he was so successful in winning with at the interstate fair. Drop him a line and get his price on one of these.

On page 42 will be found the Berkshire advertisement of that old, reliable breeder, Mr. C. S. Buckley, of Holstein, Iowa, who offers twenty-five or thirty good spring boars for sale. He will also sell some choice gilts or will book orders for bred gilts. If you want Berkshires write Mr. Buckley. He can fill your order.

We make announcement in our date claim columns this week of the public sale of Aberdeen Angus cattle, the property of Messrs. Rosenfeld & Siverly, of Kelly, Iowa, to take place on February 15th. At that time these gentlemen will dispose of some forty head of high-class cattle. Watch The Homestead for future announcements.

Mr. A. W. H. Orr, of Lorimer, Iowa, whose public sale of Duroc Jersey hogs took place recently, writes: "I had a very good sale. The average was \$21.25, the top sow in the sale going at \$37.50 and the highest price spring boar at \$20.50. Rain in the afternoon made it disagreeable for selling the cattle, but the prices obtained were very satisfactory."

Mr. Hector Cowan, of Paulina, Iowa, sells a draft of forty head of Scotch and Scotch-topped Short-horns at his farm on October 23d. He will include his two imported cows, Patience and Miss Law, and they are good enough to attract the best breeders in this country. There will be a grand good lot of Scotch heifers in the sale and about ten Scotch bulls. Watch next week's issue for further particulars.

On October 17th, at Red Oak, Iowa, Mr. T. H. Isaac, one of the well-known breeders in that section of the state, will make a public sale of Duroc Jerseys. There will be fifty boars in his offering, four brood sows and one choice gilt. They will be sired by Educator 41979, a son of Indicator; Robert H. 31461, a son of Pilot J., and Belle's Red Chief 39543, a son of Red Chief I Am and one of the great sweepstakes sows, Nebraska Belle. One of his best litters of boars that go into the sale will be out of his old show sow, Curly, and the pigs will be sired by Educator. There will be some cracking good boars by the others hogs as well. They are growthy, stretchy and well developed, having plenty of length and bone and are one of the best bunches of boars we have seen this season. He also puts a splendid sow in this sale, a granddaughter of the sweepstakes sow, Red Lady, and she has been a

WANTED:

An agent, lady or gentleman, in every town and township, to find buyers for farm lands. 500,000 acres in western Texas, \$5 to \$10 per acre. For particulars address, enclosing stamp, Floyd Land & Immigration Co., 729 N. W. Life Building, Kansas City, Missouri. References: National Bank of Commerce, Kansas City, Missouri; Commercial National Bank, Kansas City, Kansas.

PATENTS
ORWIG & LANE,
DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

winner of second prize a couple of times for Mr. Isaacs. No one will go wrong in attending his sale, especially if he wants a good boar or two. It is a good offering from one end to the other. His catalog is ready. Write for it and mention The Homestead.

Mrs. Will Michael, of Selma, Iowa, is offering Rose and Single Comb Brown Leghorn and Silver Laced and White Wyandotte cockerels, hens and pullets for sale in her advertisement on page 12 of this issue. The prices at which she will sell them per dozen is named. She also has Indian Runner ducks and Buff Cochins Bantams for sale.

Mr. A. L. Mossman, breeder of Duroc Jersey swine, of Radcliffe, Iowa, in ordering the re-insertion of his advertisement to be found on page 23 of this issue, says: "My males are a fine lot, weighing from 150 to 200 pounds. They are sons of Tientsin 17261 and A. L.'s Chief 43327 and are simply immense. Nothing but clear, clean stock as represented, shipped. I solicit correspondence and inspection."

One of the best buyers of good stuff in the Road & Fessenmeyer sale last week was Mr. P. F. Smith, of Charlton, Iowa. He purchased the spring boar, No. 22 of catalog, sired by Rood's Tecumseh and out of that famous old brood sow, Giantess, and he was one of the very best boars in that sale. He cost him \$105 and he was a bargain at that price. He also purchased a good daughter of P. W. Perfection out of a daughter of Molly M. by Chief Price. Mr. Smith got some of the best things in that sale and they should do him lots of good in his herd.

Breeders of Chester Whites will always find a choice individual by writing to Mr. E. W. Richardson, of Ogden, Iowa. A field representative visited with this breeder of Chesters some time ago, and found the prospects exceedingly good. Mr. Richardson can place numerous well-bred Chesters at this time. He is pricing them within reason, so that it affords an opportunity for a new breeder, as well as one engaged in the Chester business for some time. Look up his card on page 32 and when writing to him kindly mention The Homestead.

Choicely bred Durocs are offered to buyers by Mr. E. W. Richardson, of Ogden, Iowa. He has quite a number of growthy pigs ready to go, sired by Bill B 45313. Mr. Richardson is placing them every day and it behooves the admirer of this breed to get in line and write for his prices at once. The smooth, heavy-bodied kind are the only ones raised at this breeding establishment. They all stand up on their toes and are growthy individuals. No mistake made in ordering from Mr. Richardson. See his card on page 32 and mention The Homestead when writing.

Every lover of Berkshire swine will be interested in the Homestead herd of Echerzinger Bros., at Nelson, Neb. Twenty years of careful study and scientific breeding has put this herd in the front rank for high-class breeding animals. The boars used in this herd are Homestead Model 86765, Homestead Premier 94223, Homestead Duke 85261, all premium winners at the Nebraska State Fair. The sows are daughters of the great Lord Premier 50001, Premier Longfellow 68800, Berryton Duke 72946 and other noted sires. A visit to the farm gave an opportunity to see as fine a lot of pigs of this year's crop as will be found anywhere. A guarantee to please goes with every transaction made with the Homestead herd proprietors. Young boars and sows good enough for any herd are now ready to ship.

Mr. F. T. Wells, of Bristow, Iowa, breeder of Poland China swine and Aberdeen Angus cattle, in starting his new advertisement found on page 32 of this issue, writes that he has carefully selected the twenty-five Poland Chinas boars which he is offering for sale out of fifty head. He says: "They are sired by Midwood Perfection and Perfect Keep On 2d and out of matured dams. They are lengthy, deep bodied, good boned, nicely-finished pigs and are all right. I also have a few bulls that will be priced right. These bulls are yearlings past and from matured dams and sires. I can also spare some cows and leifers bred or not bred. Will make a cut price on a bunch of five head or more. Can ship over Chicago Great Western, Chicago & Northwestern and Rock Island railways." Read the advertisement and write Mr. Wells for further particulars.

Mr. Thomas H. Canfield, of Lake Park, Minn., writes: "Our show herd of Large Yorkshire hogs has returned from its summer and fall circuit of fairs. At the North Dakota State Fair, at Fargo, it won nine firsts, five seconds, three thirds and two championships. At the Iowa State Fair, at Des Moines, thirteen firsts, six seconds, four thirds, four fourths, three fifths, four championships and one special. At the Minnesota State Fair, at Hamline, eleven firsts, seven seconds, five thirds, one fourth and two championships. At the South Dakota State Fair, at Huron, ten firsts, seven seconds and three thirds. This is an even 100 premiums, including all championships and herd prizes at each of these fairs and all first premiums competed for except three. It also won at the Minnesota State Fair the most sought for premium of first on best exhibit of swine owned and bred in the state, this being the second successive year that this award has been granted to the Canfield Yorkshires. We made over twice as many sales as usual at the fairs, and the demand is better than ever before. We have already shipped out 125 pigs of this spring's farrow and have around 400 now ready for shipment. While at the fairs we met many of our former customers, all of whom reported good success with their Yorkshires and they were all on the look out for new stock. To all those who contemplate purchasing this fall we would recommend that they write as early as possible, as the chance for a better selection is

enhanced thereby and much is saved in express charges to the purchaser by not waiting until the pigs get heavier."

Mr. Chas. L. Marston, of Mason City, Iowa, changes his sale date from December 12th to December 14th. The sale will take place at Mason City and will consist of about sixty head, including about ten or twelve head of Scotch cattle.

In the advertisement of Mr. J. C. Danner, of Yalo, Iowa, offering thirty head of Duroc Jersey hogs at public sale on October 8th, which appeared in our last week's issue, we stated that the sale would be held at Jefferson, Iowa. This was an error, as the sale will be held at Yalo. Mr. Danner's advertisement in its correct form appears on page 34 of this issue of The Homestead.

Farm and platform scales, wire nails, windmills, lift pumps, heating plants, kitchen, parlor, bedroom and other furniture, fire-proof safes, roofing, fencing, paints, gasoline engines, rope, steel tanks, both tubs, steel tank towers, horse-shoes, portable forges, air-tight heaters, jack screws and numerous other valuable articles are advertised by the Chicago House Wrecking Company at sheriffs' sale and bankrupt prices on our last page today. The Chicago House Wrecking Company are an old, reliable house, who purchase merchandise at sheriffs' sales, buy exposition buildings and furniture and other goods at low prices and give the farmer the benefit. Write for their large free catalog No. 500, mentioning The Homestead. It will save you much money.

Mr. W. B. Seelye, of Mt. Pleasant, Iowa, a breeder of Aberdeen Angus cattle, whose new advertisement will be found on page 41 of this issue, writes as follows in regard to the interest in pure-bred live stock that is being fostered in his city and county: "Mt. Pleasant is destined to be one of the leading sale centers in eastern Iowa, since the southeastern Iowa short course is permanently located here. Several of our young men have within the past year embarked in the breeding of thoroughbred cattle, horses, hogs and sheep. And with the renewed interest that will be taken through the instrumentality of the short course week here, we expect many others to become interested; and with the new pavilion that now adorns the fair grounds, which was built especially for the live stock part of the short course week, this will make an excellent place for holding public sales. A successful horse sale was recently conducted in this pavilion. Our Aberdeen Angus sale on October 24th will be the opening cattle sale. This will likely be followed by a Poland China hog sale on the 25th. Later on will be a Hereford sale and plans are now under way to follow this with a Short-horn cattle sale."

Mr. Reuben E. Sanders, breeder of Poland China hogs, of Montezuma, Iowa, under recent date furnishes the following letters written by two of his customers, which he says are samples of the letters he is constantly receiving: "I received the eight gilts O. K. They are a premium lot of beauties. They have the requisites for large herd sows. I sincerely thank you for sending me just what I have been in search of. I saw Mr. Eugene Churchill's boar pig that you shipped him. He is a hog of great individuality and promises to make a large hog. J. C. Armadale, Canton, Ill." "The last time I wrote you was when I was proprietor of the Walnut Hill herd of Poland Chinas at Blytheedale, Mo. I am now in Washington and want to buy some more hogs of you. I have owned hogs from all the different families, but the best hog I ever owned in my life was the pig I bought of you. I called him Sanders' Wilkes. He was the largest hog I ever saw in my life. He also had the best of finish. Write me what you have and I will give you my order.—Samuel Taylor, Farmington, Wash." Mr. Sanders reports that he has the best lot of pigs to offer this season to his customers that he has ever had. His advertisement appears on page 45.

Mr. F. H. Herring, of Iowa City, Iowa, whose sale advertisement appears on page 45 of this issue, furnishes the following notes in regard to his sale: "In regard to the stock that go into my October 10th offering, there is a litter by Perfection Chief 23367, second at St. Louis and first at Des Moines in 1905, and out of Keepsake II., also a winner at Des Moines in 1905. All of this litter have much scale and finish and are worthy a place in the best herds; three boars and a gilt by Invincible 15143 and out of Nellie's Lady, a full sister to Top Notcher Chief, the St. Louis champion. These four can go in fast company and feel at home. A boar in the litter by Grand Chief 1983, by Ohio Chief, the noted hog, dam Minnie S. and grandam Xenia Queen, has every indication of developing into a great hog. A very nice bunch go in the ring by old Sensation and out of Miss Keep Ahead, an I. J. Chief sow. Boar No. 29 of this litter should command attention. He is a full yearling by Reliance and out of Kant's Lulu, and won seventh place at Des Moines in 1906, and will go in the sale. Others of much promise will go through the sale ring at Iowa City, October 10th." Write Mr. Herring as above for catalog giving full particulars.

Mr. Geo. C. Mosher, proprietor of the Hillcrest Farm Herd of Holstein-Friesian cattle, whose farm is at Greenwood, Mo., reports recent sales as follows: Florence Jewel 2d, to Mr. W. J. Downing, of Spencer, S. D., and to Mr. S. E. Ross, of Creston, Iowa, Myrtle Gerben Duke, sired by World's Fair Duke and tracing to the great Gerben family; Messrs. Peak & Son, of Parsons, Kan., purchased Daisy Lamb Pieterje De Kol 2d, a half sister to the champion heifer World's Fair Hadria. They also took 'De Kol's Brightest Son, a junior yearling bull. Mr. Mosher is now prepared to ship bull calves sired by his premier bull, Prince Inka Pieterje De Kol 2d, ranging in age from one to eleven months. Among recent inspectors of his herd have been a representative of the Japanese Agricultural Department, accompanied by Prof. Oscar Erf, of the Kansas Experiment Station; Prof. Mueller, of the German Royal Agricultural Commission, and Professor White, of the dairy division of the W. S. Department of Agriculture. Mr. Mosher writes: "Hillcrest Farm is now starting a sanitary milk delivery in Kansas City through Messrs. Guernsey & Murray. Later on modification by the Walker-Gordon process will be added through a properly-equipped laboratory, endorsed by the local medical society. Visitors to the farm are always welcome. It is only necessary to see the class of young stock we have to show to

sell them, but we invite visitors to come and see us whether they want to buy or not. We simply wish them to see the model dairy and sanitary barns with their sixty-five head of black and white, selected from the best herds of the world." See advertisement on page 19.

Mr. Geo. A. Ilans, breeder of Short-horn cattle, New London, Iowa, writes: "Say to the readers of The Homestead for me that Nonpareil 5th, No. 1 in my catalog, and Maud W. 4th, No. 2 in the catalog, to be sold at my sale on Monday, October 8th, will both have fine red bull calves at side. They have both had calves since your representative called on me. My cattle are doing fine." See advertisement on page 35.

Mr. B. A. Shafer, of Sanborn, Iowa, in furnishing copy for his Duroc Jersey swine advertisement that appears on page 23 of this issue, writes: "My stock is good and growthy; the fall boars weigh about 375 pounds and the spring pigs about 175 pounds. They are sired by Waneta Beat 'Em by Beat 'Em All, Waneta King by Duroc King Jr. III. and Waneta Hub Jr. by Waneta Hub 8215, and out of sows of equal breeding. I can satisfy both breeders and farmers."

The attention of hog raisers is called to the illustrated advertisement on page 12 of Messrs. F. K. Bowes & Co., 698 West Lake street, Chicago, which furnishes particulars regarding the hog trough they have on the market. It is made of one-eighth-inch thick boiler steel, is five feet long, thirteen inches wide and seven inches deep, and is declared to be the strongest and most durable trough ever made for the money. Catalog will be cheerfully sent to parties mentioning The Homestead.

Attention is called to the Berkshire advertisement of our old-time patron, C. T. Ayres, of Osceola, Iowa, found on page 28. He has bred Berkshire swine continuously since 1873 and, of course, has found it profitable. His herd is up to date in breeding and quality. The stock is mostly descended from Imp. Sabella, a large prize sow bought in 1836 and through good boars to the present time. The present chief herd boar is a yearling son of Lord Lee 61133 with dam a \$400 daughter of the great \$2,500 Masterpiece. Write Mr. Ayres for what you want.

Messrs. McLaughlin Bros., of Columbus, Ohio, write as follows under date of September 27th: "We are in receipt of a telegram, from St. Joseph, Mo., saying that our Percheron and French Coach stallions won every first prize and every championship at the annual interstate live stock show inaugurated there this year. One of the reasons why we import and sell more stallions than any other firm is because Mr. McLaughlin does not buy anything but the very best. A horse that does not please him he leaves for someone else to buy."

Mr. J. T. Dollison, Sac City, Iowa, a well-known breeder of Duroc Jersey hogs and Short-horn cattle, writes: "My pigs are doing fine, and I have the best lot of young Duroc Jersey boars that I have had for a long time. They are long-bodied, and have good, heavy bone. I have one good yearling Short-horn bull yet for sale. He is a nice calf, and the price is right. I am making a low price on boar pigs at present." Mr. Dollison says he can furnish a good boar pig or a choice gilt for a reasonable price. Anyone wanting a Short-horn bull can also get one very cheap if he sends at once.

On Tuesday, October 16th, Mr. W. S. Penn, of Springville, Iowa, will offer at public sale forty head of Duroc Jersey swine. The sale will take place at the East Linn Farm, four miles northwest of Springville, in Linn county, Iowa. The offering will consist of twenty boars and twenty gilts, sired by Iowa Chief 37453, Rosewood 31345, Crackerjack 33835 and King Perfection, all prize-winning boars and sires of prize winners. Mr. Penn announces in his advertisement on page 23 that these pigs are the tops of his spring crop, nothing being reserved, and that they are an exceptionally good lot of smooth, growthy and strong-boned pigs. Catalogs are now ready.

The advertisement of Mr. A. A. Hummer, breeder of Chester White swine, at Keswick, Iowa, appears on page 32 of this issue of The Homestead. Mr. Hummer has 100 choice March and April pigs of heavy bone, strong backs, good heads and ears, sired by three extra good boars, which he is offering for sale to Homestead readers. A representative of The Homestead recently heard Mr. Hummer price a boar and he advised Mr. Hummer that he was offering the most quality and value for the price of any that he had seen priced this season. Mr. Hummer writes: "As usual my pigs are not fat, but in the best of shape for breeders. I sold over sixty boars last season and every one proved a breeder. My hogs have plenty of pasture, water and shade and are in the best of shape to do a purchaser good."

HUFFMAN'S DUROCS.

On October 15th, at Scranton, Iowa, is where Mr. Claud Huffman sells forty head of his best Duroc Jerseys. Among these will be twenty-two spring hogs, ten spring gilts and a number of brood sows with litters. He will also dispose of his herd boar, Larchwood Echo 40415, in this sale. Mr. Huffman is a young breeder, but has made remarkable success and has won a number of premiums on his herd this season. He is a splendid feeder and a good care taker and he has reserved all his best things for this sale. Write for a catalog and then arrange to attend the sale.

A NEW IMPORTATION OF PERCHERON STALLIONS.

Mr. Chas. R. Kirk, of Chariton, Iowa, has been importing and handling Percheron stallions for a great many years. His name is at all unfamiliar to Homestead readers, as he has been with us for fifteen years or more. Mr. Kirk lays no claims to being the largest importer in Iowa, but does lay claim to being a small importer of strictly first-class Percheron stallions and brings them fresh from the pastures of France to the very doors of the Iowa and Missouri farmer. Mr. Kirk landed seventeen head the last days of August—all young, clean, valuable stallions, possessing unusually heavy bone, well coupled and of proper conformation from the Percheron standpoint. These horses can be seen at Mr. Kirk's barns a block and a half from the court house at Chariton, Iowa, at any time. The Homestead cordially recommends Mr. Kirk as a progressive, energetic and reliable man with whom to deal.

He makes his own selections in the old country and avoids the expense of the middle-man in this direction, which advantage accrues to the buyer. His announcement appears on page 32.

FASHIONABLE DUROC JERSEYS.

On page 45 will be found the announcement of Mr. C. W. Wolf, of Hampton, Iowa, setting forth the beauties of his famous Duroc Jersey pigs. He has a choice lot of male pigs now ready to ship, also a goodly number of gilts of same age. They represent the blood of Proud Advance, Iowa Banker and other desirable strains. Mr. Wolf courts inspection of his herd at all times. Mention The Homestead when writing.

DUROC JERSEY PIGS FOR SALE.

Mr. M. K. Avery, of Mason City, Iowa, whose advertisement of Short-horn cattle appears in these columns, has also 100 spring pigs that he is now offering for sale. They are by such noted boars as Top Notcher Jr., Model Improver, Perfection Chief Again, Jumbo Jack and the great Advance Boy, a full brother to the champion Advancer. Advance Boy, at the present time, heads the Averydale herd of Duroc Jerseys.

WEST'S DUROC SALE.

Mr. W. S. West, of Hanna City, Ill., will hold his annual Duroc Jersey sale on Thursday, October 11th. Fifty head of choicely-bred Durocs have been selected for this sale, representing some of the best families of the breed. The pigs have been grown in a manner which will insure their future usefulness, and breeders will find what they want in this sale, both as regards breeding and individuality. Write for catalog, as per advertisement on page 43, kindly mentioning The Homestead, and plan to be present sale day.

SANMANN'S POLAND CHINA SALE.

Breeders of Poland China swine who are looking for strong, growthy stock will do well to attend the forthcoming sale of Mr. R. A. Sanmann, of Glasford, Ill., on Wednesday, October 10th. Mr. Sanmann has been a liberal buyer from the best herds and is a very good judge and breeder. His offering this year consists of ten fall boars, nine fall sows, sixteen spring gilts, twenty spring boars and seven yearling sows, several of which will have pigs at side on sale day. Write for catalog, as per the advertisement on page 43, and mention The Homestead when writing.

SHROPSHIRE SHEEP FOR SALE.

The well-known Short-horn breeders, Messrs. A. M. Avery & Son, of Mason City, Iowa, are also breeding Shropshire sheep and have at this time a very choice lot of yearling rams. A representative of this paper has seen them and considers them a very vigorous, strong constitutioned lot. They sheared sixteen pounds of wool per head. One of the most prominent prize-winning rams in America has just been placed at the head of the Averydale herd, which will insure the continuance of the present high standard of Shropshires produced on this farm. Anyone desiring a good Shropshire ram should address Messrs. M. K. Avery & Son, Mason City, Iowa.

LYNCH'S DUROC SALE.

On October 15th, at Mt. Airy, Iowa, Messrs. A. L. and U. S. G. Lynch will sell forty head of Duroc Jerseys. They will be composed of both fall yearlings and spring pigs. They will be sired by Ohio Chief, Proud Advance, Alix Pride and Iowa Lad and Top Notcher R. They are selling a good lot of fall boars and sows in the sale, as well as a very choice lot of spring pigs. The Ohio Chief pigs are out of Will's Pride, a sow purchased at the Harding sale. Their sale stuff has been well grown out and they have as good blood as can be found in the hogs. Write them at once for catalog and mention The Homestead.

AN IMPORTANT DUROC SALE.

Readers of The Homestead should write at once for catalog of Messrs. M. W. Greer & Son's Duroc sale, which will be held at Bushnell, Ill., on Monday, October 22d. Messrs. Greer reside at Rushville, Ill., but on account of the superior railroad facilities at Bushnell they have decided to hold their sale at that place. On page 47 of this issue appears an illustration of Schuyler Prince 27479. This boar shows in the under eighteen months class at the Illinois State Fair this week and he should be well up in the money. He is a grandson of Tip Top Notcher and goes in Messrs. Greer's sale. Some breeder looking for a herd boar, bred right and of exceptional merit should plan to attend this sale, the opening of the Grand Champion Circuit. Further details regarding the offering will appear in these columns in our next issue. Write for catalog of this sale at once to Messrs. M. W. Greer & Son, of Rushville, Ill., and arrange to be present sale day.

CHINA SALE.

October 10th, at Villisca, Iowa, is when Mr. W. D. Fulton will again sell a draft from his well-known herd of "big Poland Chinas." The name and fame of Mr. Fulton have crept across the borders of his own community until now he is known as one of the very best breeders of the big fellows. Fifty head will be the number that he is running through his sale and we doubt if that will be enough to supply those who will be there. However, fifty head is what will be sold and they are the kind that the farmer and the western breeder are looking for. The most of the spring stuff will be sired by Miller Boy, a hog that he purchased of Mr. John Miller, and he will now weigh around 600 pounds as a yearling and will measure a nine-inch bone. There are at least four or five of his February and March litters represented in sale catalog. One of these is out of the big, deep-bodied, mellow sow, Zella (75571). Three boars and one gilt will sell. One boar is a "corker." Another sire of some exceptionally good stuff here is Big Klever 35195 by Joe C., a clear outcross from Tecumseh blood lines. One of his extra fine litters is out of Fancy U. S. 89016 by Royal Hiderstretcher—nine pigs (six raised) of this litter. Selling two top boars and one gilt farrowed March 10th. Model Chief 35196 is another sire of some choice young stuff to be sold. A model litter from this bunch is out of Lady Peerless—raising seven out of ten, of February 23d farrow, two boars and two sows in sale. This big sow, Lady Peerless, may also sell with Miller Boy litter at side. A pair of January gilts

"Stunted lamp-light"—smoky chimney, poor draught, imperfect fit, cracking chimney, clouded glass—why do people put up with this when good lamp-light is the best light to read by?

I make and put my name—MACBETH—on lamp-chimneys that are clear as crystal, never break from heat, and fit perfectly.

MACBETH lamp-chimneys give lamps new life.

Let me send you my Index to tell you how to get the right chimney for your lamp; it's free.

Address, MACBETH, Pittsburgh.

that are big and fine, and one boar, got by the Peter Mouw hog, Long Wonder, go in among the tops. Litter out of Fulton's Surprise (94644) by Surprise Chief by Chief Price, her dam, Mollie Jones by Mollie King Jr. You can go a long way and find no better stuff than this. Note the fifty head in sale, including some fine sows with Miller Boy litters at foot. Get the catalog now, and mention The Homestead.

FARM TELEPHONES A NECESSITY.

The utility of the telephone to the farmer is becoming more pronounced every year. The endless satisfaction of being in close touch with neighbors, the railroad station, creamery and city, appeals not only to the farmer, but his family as well. The Jul. Andrae & Sons Co., 219 W. Water St., Milwaukee, Wis., specialize in supplying farmers and independent lines with everything pertaining to telephone systems. The Andrae people, who have been very successful in establishing telephone systems throughout the entire country, make a special telephone for farmers' use. Their instruments are constructed in such a manner as to enable them to be subjected to extra hard usage. We would advise our subscribers to write for the large book that is being given away free by the Andrae Company. See advertisement on page 12.

LAST CALL FOR J. O. JAMES' POLAND CHINA SALE.

The get of the 900-pound boar, Pawnee Lad, and Big Prospect, will go through the sale of Mr. J. O. James, at Braddyville, Iowa, on October 11th. He is selling fifty head, evenly divided as to boars and sows. Fifteen fall sows are by Big Prospect and the spring gilts are mostly by Pawnee Lad. One of the best litters in the sale will be out of Rose Perfection and are sired by Pawnee Lad. Lady Giant, a daughter of P. W. Perfection and out of old Giantess, and she will have five good pigs in the sale. Another good litter is out of Miss Nemo L., a daughter of Nemo L.'s Dude and sired by Pawnee Lad. There will be a good bunch of fall boars in the sale sired by Big Prospect and one by Pawnee Lad. The latter boar has won for himself a reputation in southern Iowa that places him second to no other boar as a sire of great big stuff. Those of our readers who want the large, big-boned kind of Poland Chinas will find them in the J. O. James sale on October 11th. Write him for catalog and mention The Homestead.

WHERE THE HIDES GO.

Shoe men use them up in a way that is appalling. The Mayer factory, of Milwaukee, uses 415,612 annually. Steers, cows, calves, goats, horses, sheep and kangaroos contribute to one of the greatest industries on earth. In the mad whirl of business, people rarely pause long enough to consider the little things of life and how closely they are identified with the greater ones—how inseparable, in fact they are, from and how essential to them. Take for instance the shoe business—did ever anyone ponder long enough to realize the wealth of actual energy and animal life expended in the production of footwear for the human race? As an example, take the Mayer Boot & Shoe Co., a Milwaukee concern that in their 300 working days have consumed no less than 415,612 hides of all kinds during the past twelve months. Here then we have the hides of 60,298 steers, 31,163 cows, 55,704 calves, 196,846 goats, 67,599 sheep, 2,523 horses and 1,479 kangaroos, all consumed and distributed by the great Mayer factory within the period of a year. Stand these animals in a straight line and they would cover a distance of 351 miles, nearly one-sixtieth of the earth's circumference. To bring this livestock to its final point of destination, required no less than 3,000 twenty-six-foot cars, which strung together would cover over fifteen miles of railroad track. It takes the hides of nearly 1,500 animals daily to supply the demands of this monster shoe enterprise and were all of them spread out at one time, it would require an area of over 5,000,000 square feet to accommodate them. Nearly 1,000 skilled artisans are employed by the Mayer Company the year round, making the Honorable shoe for men, Western Lady for women, and the celebrated Martha Washington comfort shoes; also school shoes that wear like iron and work shoes for all classes and purposes. The total capacity of the Mayer factory is 6,000 pairs of shoes a day. The equipment of this factory is as thoroughly modern and up to date as money and experience can make it. Another decidedly favorable feature is that of location, which is in the greatest leather market in the world, thus enabling the company to secure first choice on products con-

sumed. The uniformly excellent quality of all shoes turned out by the Mayer factory is largely attributed to this fact. See advertisement on page 4.

GROUT'S DUROCS.

On October 17th, at Tingley, Iowa, Mr. Z. L. Grout will sell about forty head of very select Duroc Jerseys. He has reserved all of his spring boars and gilts for this sale, and he therefore has some of the best to offer the boys on this occasion. Mr. Grout has been out at the fairs this fall and has demonstrated to the boys that he has some of the good things and many of these will be in his forthcoming sale. There will be some surprisingly good boars in his offering that should go to the head of herds. He has the most up-to-date blood lines and therefore has what the best breeders are looking for. Write for his catalog, which is now ready, and mention The Homestead.

OXLEY'S CLOSING OUT ANGUS SALE.

On October 12, 1906, at Bedford, Iowa, Mr. G. N. Oxley will close out his entire herd of fifty head of Aberdeen Angus cattle. As Mr. Oxley will dispose of everything it will undoubtedly be a good place to pick up some snaps. The families represented are largely of the Drumlin Lucy, Westertown Rose and Rathmay Queen, Nosegay and Jeanette. There will be a good bunch of helpers in the offering and a lot of well-bred cows, many of which will have calf at foot. There will be seven bulls in the sale. Many of the cows in this sale have been sold for as high as \$300, but they all go now. Farmers and breeders can well afford to go to this sale, because there will certainly be some bargains in the offering. Further particulars can be had by addressing Mr. G. N. Oxley, Gravity, Iowa, or Mr. Roy Chambers, Gravity, Iowa, who will be glad to furnish all the necessary information. Write for catalog at once, as it is now ready, and kindly mention The Homestead.

HURLBUTT & RASMUSSEN'S DUROC SALE.

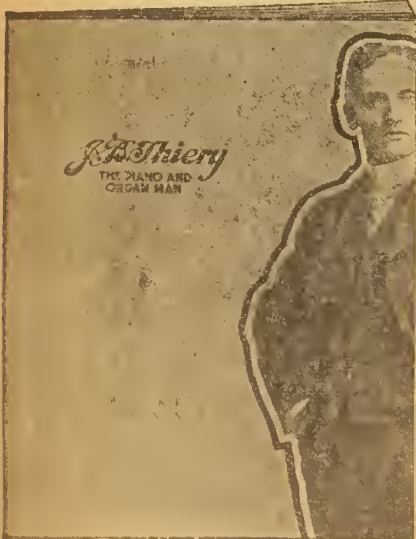
One of the important Duroc sales of the year is that of Messrs. Hurlbutt & Rasmussen, of Taylorville, Ill. These breeders have selected the tops of two herds for this occasion and are sure that their fellow breeders will appreciate the stock. The bulk of the spring pigs are sired by Kraschel's Wonder 37771 by Allison Jr. Perfection 9783 (A.), dam Buddy Beauty II. 70858 by Buddy T. There are also some pigs included in the offering sired by Forest Chief, he by Chief of Indiana by Ohio Chief. Such breeding coupled with individual merit as this lot possesses should induce breeders to arrange to be present sale day. Catalogs are now ready and will be mailed to those who write, mentioning The Homestead, as per the announcement on page 34 of this issue. Bids sent to Mr. D. M. Pierce, in care of these parties, will be properly handled. Full particulars regarding this offering will appear in these columns in our next issue.

CASTLE'S DUROC SALE.

Messrs. E. M. Castle & Son, of Joy, Ill., will hold their annual fall sale of Duroc Jerseys on Tuesday, October 16th. Fifty head have been selected from their herd, including thirty spring boar pigs, five summer and fall boars that will please discriminating buyers, ten fall gilts that will make valuable additions to good herds, and a few choice sows with litters at side. The spring pigs in this sale are sired by De Soto's Model, a prize-winning boar at the Kausas State Fair; Iowa Plummer, Prairie Acrobat, Champion Paul, Major R., Proud Advance and Tip Top Notcher. The offering is one (which as the boars named above indicate) that will please breeders and farmers. They have been grown with the idea of making useful hogs that will please buyers and insure to them a nice profit on their investment. The writer representing this paper is pleased to recommend this sale consignment to Homestead readers. In our next issue we will have more to say regarding this offering, but would advise our readers to write at once for catalog, kindly mentioning The Homestead. Bids sent to Mr. D. M. Pierce, in care of Messrs. Castle, will be properly handled.

THIERY, PIANO AND ORGAN MAN.

We call attention of all our subscribers to the full page advertisement of Mr. J. B. Thiery, the piano and organ man, on page 15 of this issue. This man conducts a remarkable business—shipping his beautiful pianos and organs to hundreds of homes in every nook and corner of the country. Scores of our subscribers have purchased their instruments direct from him, and we have yet to hear of any dissatisfaction from any home dealing with him. We have been informed



by Mr. Thiery that 5,000 Thiery pianos and organs will be sold by him during this fall and winter to homes in the West and middle West alone. And all these instruments will be shipped by him out on thirty days' free trial, which is one of the features of his buying plan. Mr. Thiery has just completed

his new piano and organ catalogs. This book is a work of art, handsomely printed and contains full page illustrations of all the well-known Thiery pianos and organs. We present herewith a reproduction of the cover, greatly reduced. The catalog is 10x19 inches in size, and all the illustrations were made from photographs and expensive drawings, showing all details. We ask all our readers to send to Mr. Thiery for a copy of this beautiful catalog. It will be gladly mailed to you with full particulars of his buying plan and special offers. Simply cut out the coupon appearing in his large advertisement and send to him.

A GOOD CRIMSON WONDER-TOP NOTCHER SALE.

Mr. August Voge will sell a decidedly good lot of Crimson Wonder 1 Am 2d and Top Notcher and Tip Top Notcher boars at Portsmouth, Iowa, on October 9th. He is selling in this sale a very choice lot of Crimson Wonder 1 Am boars. This boar was the third-prize boar at Des Moines this year in one of the strongest yearling boar classes that has ever been seen at that fair. He is a son of the sweepstakes boar last year, Crimson Wonder 1 Am, and he is also a half brother to the sweepstakes boar at the same fair this year. He also offers a few good boars sired by Ohio Chief 2d and they are very good and possess a wonderful lot of quality. Mr. Voge has done wonders in growing this stuff out and they have an abundance of growth, as well as a lot of finish. It is not often that such a bunch of Tip Top Notcher boars can be bought here in the West, but as Mr. Voge went back East and secured some of the very best sows bred to him, he therefore now has his get to offer for sale. If any of our readers want Crimson Wonder 1 Am blood, or the blood of Tip Top Notcher or Ohio Chief 2d they can get it in the Voge sale at Portsmouth, Iowa, on October 9th. Write him at once for catalog and then arrange to be at the sale. Kindly mention The Homestead when writing.

WATSON'S DUROC SALE.

Mr. N. E. Watson, of Edinburg, Ind., breeder of Duroc Jersey hogs, invites the breeders of the central West to be present at his sale on Saturday, October 20th. Mr. Watson is one of Indiana's best breeders. At the head of his herd he is using a son of Ohio Chief called High Chief. The writer has seen much of his breeding and is pleased to recommend it to readers of this paper. The consignment is made up of twenty fall yearlings, all sired by High Chief; five yearling sows by High Chief 13423; one yearling sow by the noted breeding boar, Surc Winner; four fall yearling boars by High Chief; four spring boars by Top Notcher Chief 17583; fourteen spring sows and two spring boars, sired by High Chief, Top Notcher Chief, American Chief, he by High Chief, and Harrison's Chief. Very few herds put forth as good a sale offering as does Mr. Watson. Last year with the exception of one sale, his was the highest sale in the state of Indiana. We wish to advise our readers who are looking for Ohio Chief blood that this sale affords one of the best opportunities of the year. Breeders who want to add a few good fall yearling sows to their herds in order to change blood or strengthen their brood sow sales should send for catalog at once, as per the announcement on page 30 of this issue, kindly mentioning The Homestead. Those who cannot be present sale day may send bids to Mr. D. M. Pierce, representing The Homestead, in care of Mr. Watson.

MANIFOLD'S DUROCS.

One of the Duroc Jersey sales that never fails to have its share of the good things is that of the veteran breeder, Mr. George R. Manifold, of Shannon City, Iowa. His sale takes place this year on October 19th, and he will sell fifty head from his herd. All his state fair winners go into the sale. He will sell some of the best Proud Advance pigs of the year. He writes as follows about his coming sale: "I am going to sell the litter of eight March gilts that showed at Des Moines this year winning fourth place. They have grown exceedingly well since I brought them home—not over fat; have been running out on a fifteen-acre pasture all the time. Also one male out of same litter. This litter is sired by Proud Advance and out of Nan Orion, and the same breeding that won third last year; also sell another litter sired by Proud Advance out of Princess Wonder, in which are four sows and three males, which I think are as good as the ones shown at Des Moines. Also ten sows and five males sired by old Corrector. Five of these sows and one male are out of Iowa Star; then five sows and four males out of Decatur Bell M. A Choice Goods pig is sired by W. L. A's Choice Goods; dam of this pig is Annetta, a litter sister to Addy's Top Notcher, now in service in Mr. R. J. Harding's herd. This is a very promising pig and is worth looking after. We are going to sell thirty-five March and April gilts, four fall yearlings sows, and eighteen March and April boars. This stuff is all in fine condition, and people will not be disappointed when they see it. We make but one sale and the tops go in that. Catalogs will be mailed on application." Write at once and mention The Homestead.

EVERYDALE SHORT-HORNS.

Some good Short-horn bulls are offered for sale by Mr. M. K. Avery, at Mason City, Iowa. One of the good herds of Short-horn cattle in northern Iowa is the Everydale herd, which is not only a great beef producing herd, but a great dairy herd as well. Mr. Avery maintains a private creamery on his farm which is supplied with milk from registered Short-horn cows. Mr. Avery has been in the Short-horn business twenty-five years. He has both Scotch and Scotch Topped cattle of the most approved breeding. The Emmas and Ccellas are perhaps among the best of the Scotch sorts, while the grand, broad-backed, thick-fleshed, Scotch Topped young Mary's are held much in favor at Everydale. Mr. Avery has used the best Scotch bulls obtainable. One of his Scotch herd bulls was Kannuck 96576; he was by Double Gloster, a richly-bred Duchess of Gloster Cruickshank bull. McLauren was another good bull out of Imp. Emma 3d, by Free Lance. Knight of Orleans by Royal Duke of Orleans, Zollikof 2d, a line bred Victoria huli, Prince of Lancaster

PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.
DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

Another Choice Offering

FROM

... VAN PATTEN HERD OF DUROCS ...

TO BE SOLD AT SUTTON, NEBRASKA, OCTOBER 18, 1906.

...THE CHANCE TO BUY REAL HERD HEADERS...

40 HEAD OF TOPS 40

Some choice animals sired by the great Billy K. Others sired by Golden King, Beauty Wilkes, etc. Billy K. sired the prize winners at Iowa and Nebraska this fall. He is now dead. Get some of his get. The strong two-year-old Golden King is included; five choice sows.

My offering will be up to past ones from this herd. I believe my lot of 35 boars are as strong as will be found in any ring this season. The grand sire, Billy K., has passed away, but has left several choice pigs that prove him what we claim. His get, as well as Beauty Wilkes, were winners at two great shows. I am offering some pigs that should be taken by breeders seeking herd headers. Catalog now ready. G. W. Segrist will attend the sale.

G. VAN PATTEN, PROP., - SUTTON NEB.
Col. T. C. Callahan, Auct.

Public Sale of East Linn Durocs.

To be held at

East Linn Farm, 4 miles Northwest of Springville, Linn Co., Iowa, Tuesday, October 16, 1906.

20 Boars---20 Gilts.

Sired by Iowa Chief 37453, Rosewood 31345, Cracker Jack 33885 and King Perfection. All prize-winning boars and sires of prize winners. The pigs are the tops of my spring crop, nothing being reserved, and they are an exceptionally good lot, smooth, growthy and strong boned. My catalogs are ready; let me send you one. Address,

W. S. PENN, Col. J. H. Lathrop, Auct. SPRINGVILLE, IA.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tintin 17261. Imp. Wonder 43861, A. L. Advance 43331, Odebolt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tintin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address,

P. S.—Eight November males of rare quality; three Top Notcher bred. **A. L. MOSSMAN, TELEPHONE 83-3, RADCLIFFE, IA.**

WANETA DUROCS.

35 Choice Boars now for sale, both fall yearlings and spring boars. The "tops" at moderate prices. **B. A. SHAFFER, SANBORN, IOWA.**

and last, the splendid Marr Missie bull, Me-teor 174278. This is the present herd bull and is a very thick-fleshed typical Scotch bull, as richly bred as any Scotch bull living. However, he has been used as long as is convenient and is now offered for sale to some appreciative buyer. Mr. Avery also has a number of young bulls for sale that will be priced right.

SONNELAND'S TOP NOTCHER SALE.

At Harlan, Iowa, October 13th, Mr. August Sonneland will sell fifty head of Top Notcher and Tip Top Notcher Durocs, and those who are after this particular line of breeding will find it in his sale. He sells ten choice boars by old Top Notcher and ten boars by the famous World's Fair boar, Tip Top Notcher. He also sells Top Notcher Chief 2d boars and a few sired by old Orion out of a Dandelion sow. The latter boar won fourth at Des Moines and is not only a good individual, but is also a good breeder. Every man who breeds Durocs should write Mr. Sonneland for a catalog and see what a good line of stuff he is offering. Kindly mention The Homestead when writing.

HOW TO HAUL HEAVY LOADS.

It is said that when common grease is used on the axles of a wagon, nearly half the power necessary to move it is used to overcome friction. If this is the case, the use of the best axle grease is nearly as important as a good horse. On the other hand, an axle grease that "gums" is nearly as bad as none at all. A very clever idea to reduce friction and make it easier to haul heavy loads is a mixture of ground mica and mineral grease which is manufactured by the Standard Oil Company and sold everywhere under the name of Mica Axle Grease. This is the most perfect lubricant for all kinds of wagons. The reason is, that the finely ground mica in the mixture forms a thin surface or coating on the axle that is almost frictionless. It smooths over and fills up any roughness or irregular surface on the axle, making an almost glass-like bearing. The practical result as a load lighter is wonderful. Furthermore, after this coating of mica has formed on an axle, only a very small quantity of axle grease need be used,

2d Annual Sale of Duroc Jerseys

AT MASON CITY, ILL.

WEDNESDAY, OCT. 17th

THE property of Messrs. L. W. Cross & Son. Forty head consisting of tried brood sows, fall and spring gilts, spring boars, the get of Buddy T's Best, (3d prize boar Illinois State Fair 1905), Indiana, a prize winning boar and from sows that have produced show yard stock. Write for catalog.

L. W. CROSS & SON,

MASON CITY, ILLINOIS.

Col. Judd McGowan, Auctioneer.

BERKSHIRES

LARGE growthy boars, big bone and best of breed. Ing. Prices low. Address **C. T. AYRES, Osceola, Clark Co., Iowa.**

thus making its use a decided economy. Mica Axle Grease is put up in convenient tin boxes, and is sold nearly everywhere in hardware and general stores. It saves horse-flesh, money and time.

KERR'S O. I. C.'S

A representative of this paper recently visited Mr. O. I. C. Kerr, of Independence, Mo., the O. I. C. man of the corn belt. We have seen many good hogs at Kerr's on former trips, but never so many outstanding good ones. It seems that the more the blood of the great Kerr Dick and Big Mary is mingled the better are the results. Mr. Kerr has reserved all of this year's crops for his sale on November 2d. A few fall boars and sows are also included. Three boars of fall farrow that should appeal to buyers of O. I. C. boars were seen and we

must say that three greater hoars would be hard to find in several days' travel. There are other great hoars listed for the Kerr sale and it is certainly remarkable to see the number of outstanding good ones Mr. Kerr has to offer. The sow end of the sale has not been neglected in any manner and those who want an extra sow or two will find them at Independence, Mo., on November 2d. Watch for future announcements and if wanting O. I. C.'s that are right in every way, do not miss this sale.

GLAZED WINDOWS AT A BARGAIN.

On page 22 of this issue will be found the advertisement of Messrs. Gordon Van Tine & Co., of Davenport, Iowa. A careful reading of that advertisement will show some rare bargains in glazed windows, as well as on a great variety of mill works. The company referred to operate the largest mill in the world, covering a floor space of 163,000 feet. The plan of the company is to sell for cash directly to the user, thereby doing away with the expenses of traveling men. Special pains is taken to thorough air-dry all lumber that is sent out and it is afterwards put through a scientific drying process. All work is guaranteed to be first class in every respect. We request our readers to write for the mill work catalog of this company, which gives the latest and best styles of doors, windows, storm sashes, moldings, etc. Address Messrs. Gordon Van Tine & Co., Station 25, Davenport, Iowa.

THE BEST WEARING RUBBER BOOT ON THE MARKET.

Every farmer reader of our paper needs a good, strong rubber boot to get out in the slush and rain, which will soon be upon us; he also wants a boot that will stand the hard wear he has to give it. The Security Lycoming Duck Boot, advertised by the Hamilton-Brown Shoe Company, of St. Louis, Mo., on page 20 of this issue, is just such a boot. This Security rubber boot is made of pure rubber and the best duck, and is positively snag proof. A representative of this paper was shown a number of pairs of this boot that had been worn for some time, and there was not a hole or snagged place on any of them; they were the best-looking lot of rubber boots that had seen lots of wear that we ever saw. The new boot looks exactly like the rubber boot in the illustration in the advertisement, and if your dealer does not carry them in stock, do not take some other, but write the Hamilton-Brown Shoe Company, St. Louis, Mo., and they will tell you just how to get this Security rubber boot. If you once get a pair of these boots you will never have any other kind, as they are the only ones that will stand the hard wear you have to give them. Insist on getting the Security Lycoming Duck Boot and take no other.

COWAN'S SHORT-HORN SALE.

On October 23d, at his farm near Paulina, Iowa, Mr. Hector Cowan will sell a draft of forty head of imported, straight Scotch and Scotch-topped Short-horns. No breeder in Iowa has had better cattle or has sold better cattle than has Mr. Hector Cowan, and his forthcoming offering is the equal of anything heretofore sold from his herd. He is putting in twenty head of Scotch cattle in this sale, representing some of the most richly-bred Miss Ramsden, Brawith Bud, Mysie, Secret, Undine, Patience and Golden Drop families. It is with considerable reluctance that he has consented to put into this sale the two imported cows, Miss Law and Patience. The former is a large roan, with a great, broad back and is a foundation cow for any herd. Patience is a dark red, a most excellent individual and can go into any show herd next year. She is low to the ground, wide out, even in her lines, both top and bottom, has an excellent head and very shapely horns, and a short neck that sets well on her shoulders. She is one of the most typically Scotch cows that we have seen in our travels this season. There will also be a splendid lot of Scotch heifers in the sale. Most of the Scotch cows will be bred or will have calf at foot by Imp. Nonpareil and some will be in calf to Anoka Archer, the young bull he purchased from Mr. Frank Harding. There will be ten daughters of Imp. Nonpareil and ten young Scotch bulls in the offering. If

you want a catalog send your name in early and kindly mention The Homestead.

W. E. MARRS' SALE OF DUROC JERSEYS.

Among the younger breeders of the Duroc Jerseys to go into the public sale business is Mr. W. E. Marrs, of Albany, Mo., who will on October 23d, sell fifty head of Duroc Jerseys. Mr. Marrs was particularly fortunate in having had opportunities for learning the requirements necessary to produce a good hog and he has a herd from which to select that was founded on stock of known reliability as producers of stock of merit, both in the show ring and as breeders. Mr. Marrs had been in close touch with the great herd owned by Messrs. Bowman & Fitch, of Lawrence, Neb., and at their dispersion in 1905 he secured several sows, among these being daughters of the great show boar, Improver II., bred to Cole's Duroc. Some rattling good stuff has been raised from these sows. The herd boar, Pilot J. 26311, a Stribling-bred hog, was purchased of Mr. R. J. Harding, of Macedonia, Iowa, and his get out of these Improver II. and Cole's Duroc sows are good. Mr. Marrs has selected only the choice things of his herd for this his first sale, and the man hunting Duroc Jerseys will find that Mr. Marrs has the goods and will be prepared to deliver them sale day. In future issues more will be said of the offering and the breeding. In the meantime we urge all our readers who are interested in good Durocs to write Mr. Marrs for a catalog and to kindly mention this paper when doing so.

A GOOD PHONOGRAPH AT SMALL COST.

No home should be without a good phonograph. When one is tired out with either physical or mental exertion there is no tonic like music. Poor music from a poor instrument is a nerve wrecker, while good music from a good instrument is a nerve builder. The phonograph is finding its way into the best homes in the land, both in the rural districts and in the city. There are few musical instruments in which there is so much difference in the character of the music produced as the phonograph. The Duplex Phonograph Company, of Kalamazoo, Mich., have succeeded in almost revolutionizing the science of phonograph construction. They are now producing an instrument which is equal if not superior in every way to the average \$100 phonograph, and yet they are selling their Duplex directly to the trade at \$29.85. This may seem incredible to our readers, but as a matter of fact music dealers always make an immense profit on the goods they handle. They would sell this very phonograph for three or four times the price that is now being offered. As a guarantee that the Duplex is of the very best in every way it is sold on a plan by which it can be returned without any expense to the buyer if it is not satisfactory. The price of \$29.85 includes six seven-inch or three ten-inch records. A catalog will be furnished upon application which tells all about the free trial offer. Address Duplex Phonograph Company, Kalamazoo, Mich.

THE JONES ABERDEEN ANGUS SALE.

On October 18th, at his farm, three miles northwest of Quimby, Iowa, will occur the Aberdeen Angus sale of Mr. W. H. Jones, one of the well-known breeders in northwest Iowa. He will sell forty-five head, thirty-five females and ten bulls. He includes some of the best things he has in the herd, among which will be three Blackbird cows and two of these will have calf at foot by Cherokee Blackhawk 59521 and Imp. Edward R. 61744. He has cataloged four Pride cows, and three of them have calves at foot. There will be two Trojan Ericas in the offering and two Heatherblooms with calves at foot. He has picked nine Janettes, and four of this family will have calves at foot. Cows of breeding age will be bred to Imp. Edward R. 61744, Cherokee Blackhawk 59521 and Edewall 85748, a richly-bred son of Imp. Edward R. He is putting ten young bulls in the sale, bred along the same lines and these compare very favorably with the rest of the offering. The sale deserves the attendance of the best Angus breeders, and while the cattle are not in high flesh, yet they are in good breeding condition and will certainly do good for the purchaser. Many of the cattle in this sale represent the most popular and most sought after families, and

here will be a good opportunity to get them and buy them right. The catalog is now ready for distribution. Write for it and be kind enough to mention The Homestead.

POINTERS OF VALUE IN STOCK FEEDING.

The above caption is the title of a neat little book of thirty-one pages gotten out by the Iowa Stock Food Company, of Jefferson, Iowa. This little book has much to do with profit or loss in feeding cattle. The title of the first article, "In the Manufacture," deals largely with the utilizing of the raw material grown upon the farm, designed to be fed to stock for the purpose of meat production. It deals with all the little wastes that are to be found on almost every farm, caused by lack of forethought and proper judgment. The second title, "The Farmers' Fuel," compares the waste in growing and feeding domestic animals to the waste of improperly firing a furnace. This topic is carefully and exhaustively handled in a very thoughtful and intelligent manner, and the proper remedies given for obviating this great loss. This little book should be in the hands of every farmer and stock feeder in the middle West. It can only be secured free of charge, by addressing B. L. Howard, Jefferson, Iowa. This free offer is made only for a limited time to Homestead readers. The book is nicely illustrated with live-stock scenes, and should find a place in every farm home.

THE DES MOINES DAILY NEWS

AGAIN MAKES AN EXCEPTIONAL OFFER OF 25c FOR THREE MONTHS TO TRIAL SUBSCRIBERS.

The News is the only paper published at the Capital City that is not controlled by party politics. All the news is published in a condensed and readable form in an independent and fearless manner. If you would know the facts about all state and national questions, just as they are, you will enjoy reading The News.

Daily market reports, farm news, household hints, sporting gossip, and everything that goes to make a complete metropolitan paper are regular features.

Every reading person in Iowa now has an opportunity to see just how good The News is by sending 25c to the Des Moines Daily News, Des Moines, Iowa, for a three months' trial subscription. The paper will be stopped promptly at the end of the three months unless you decide to renew.

NEW TOWNS IN SOUTH DAKOTA.

FLORENCE. Twenty miles to competing towns on other lines. Six elevators, three lumber yards, sixty buildings in course of construction; will have 2,000 people in a reasonable time. Country all settled. One million bushels of grain to be marketed.

BRENTFORD, SPINK COUNTY, S. D. Just platted. Lots at private sale. One million bushels of grain to be marketed. Country all settled. In James river valley. Town will have 1,000 people soon; cash payment when one hundred lots are sold for occupancy.

GRISBARD, FAULK COUNTY, S. D. Just platted; twenty miles to competing towns on other lines. Six hundred thousand bushels of grain to be marketed. Country one-half settled. Lots at private sale. No line of business to be overdone. Town will have 1,000 people in a short time.

Thomas A. Way, Town Site Agent, Minneapolis & St. Louis Railroad Co., Aberdeen, S. Dak.

\$3.00. \$3.00. \$3.00. \$3.00.
KANSAS CITY AND ST. JOSEPH ROUND TRIP.

At 10:30 p. m. October 6th the Chicago Great Western Railway will have a popular excursion from Des Moines to Kansas City and St. Joseph at rate of \$3.00 for the round trip. Tickets will be good to return on train No. 4, leaving Kansas City at 11:30 p. m. and St. Joseph at 2:12 a. m. Sunday and Monday nights following. Seat checks will be issued to ladies and gentlemen who procure their tickets early. Tourist sleeping car berth rates \$1.00. For

BLACKLEG AIDS



JUST A LITTLE PILL
•• THIS SIZE ••

placed under the skin
by a single thrust of
the instrument . . .

No Dose to Measure.
No Liquid to Spill.
No String to Rot.

SIMPLEST, SAFEST,
SUREST, QUICKEST
WAY TO VACCINATE
CATTLE AGAINST
BLACKLEG

Purchasers of 100 doses
get an Injector FREE

For Sale by all Drug-
gists. Send for Free
Booklet.

PARKE, DAVIS & CO.

Home Offices and Laboratories,
DETROIT, MICHIGAN.

full information call on or address E. J. Sawyer, C. T. A., 514 Walnut St., or either 'phone No. 423, Des Moines, Iowa.

MEMPHIS, TENN.

Account of the annual convention Brotherhood of St. Andrew of Episcopal church at the above place the Chicago Great Western Railway will sell round-trip tickets at rate of one fare plus twenty-five cents on October 15th to 18th, with return limit of October 30th, and on payment of fifty cents additional, until November 30th. Best service and connections. Inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

CHEAP RATES TO PACIFIC COAST.

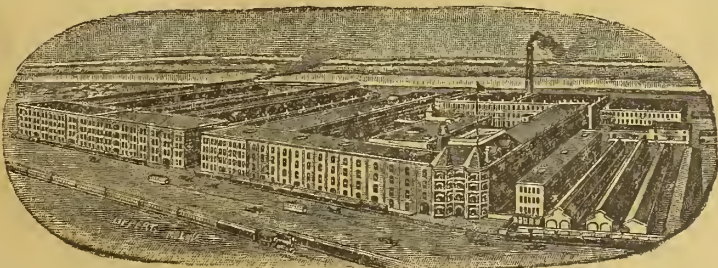
Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for particulars or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

VERY LOW RATES TO REUNION OF THE SOCIETY OF THE ARMY OF THE CONFEDERATE STATES AT CHATTANOOGA, TENN.

Via the North-Western Line. Excursion tickets will be sold October 14th to 16th, inclusive, with favorable return limits. Apply to agents Chicago & North-Western R'y.

I. O. O. F., DUBUQUE, IOWA.

Account of the Annual meeting of I. O. O. F. and affiliated societies THE CHICAGO GREAT WESTERN RAILWAY will sell round trip tickets to Dubuque and return at rate of one fare plus fifty cents on October 14 to 17th with return limit of October 22d. For further information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



HOME OF THE MOLINE WAGON.

THIS IS THE LARGEST EXCLUSIVE WAGON FACTORY IN THE WORLD.

Moline is the hub of the wagon industry. The Moline wagon, the famous Ironclad, gave to Moline its fame as the home of good wagons. The prestige of Moline as the hub of the wagon industry dates from 1854, when the Moline Wagon Company began business there in a little shop not much larger than a country school house. But "tail trees from little acorns grow," and from that small beginning the company has steadily increased its facilities and its output until today it has the largest exclusive wagon factory in the world. The word "factory" fails to convey an adequate idea of the magnitude of the plant. A "city of factories" better expresses its great extent. Here are a few of the things you would find if you were to visit the Moline wagon factory: An army of skilled wagon makers. 500 strong, well-paid men, not boys. Every man an expert in his particular kind of work. Every man held strictly responsible for the quality of the work he turns out. Every piece of lumber inspected and only the straight-grained, perfect pieces used. Each separate piece of woodwork, each metal part, rigidly inspected and no flaws permitted. Every joint, every mortise, all bracing, all ironing—every part of the construction inspected and reinspected at all stages of manufacture, so that the company are safe in putting their ironclad guarantee upon every Moline wagon. The factory turns out one complete Moline wagon every six minutes. Over a million Moline wagons are now in use and there is a waiting market for all the wagons the company can build. Several thousand copies of a valuable wagon book, in which the master mechanic tells "How the New Moline Wagon is Made Ironclad," are being distributed. If you want a free copy, better get a postal to the Moline Wagon Company, Moline, Ill., at once.

Low Rates to South Dakota.

On every Tuesday during 1906 Homeseekers' rates to South Dakota points are offered by the Chicago, Milwaukee & St. Paul Railway. These low rates enable homeseekers to investigate the opportunities offered at slight expense. Any ticket agent can sell you tickets to South Dakota, via the Chicago, Milwaukee & St. Paul Railway. It is worth your while to ask him to do so. Write today for new booklet on South Dakota.

E. C. NETTELS, D. F. & P. A.

Des Moines, Iowa.

A Splendid Opportunity to Buy Hereford Cattle.

At the Sunny Slope Stock Farm, Lake View, Iowa, on October 11th, will be sold forty head of Hereford cattle from the herds of Messrs. Ben Broughton, of Lake View, and F. J. Green, of Early, Iowa. So far as Mr. Green is concerned it is practically a closing out sale, as he is moving off the farm. He will sell his herd bull and all his breeding cows, together with a very nice bunch of heifers and a few young bulls. Drafts from both of these herds were shown at Sioux City and won their share of the premiums in every class. We mention this to show that their offering is the equal in every way of anything that will be sold this year. We have seen Mr. Green for these many years at the leading sales and when buying he always bought the good ones. His cattle are in good condition and here will be an opportunity for some man who wants to get a foundation for a herd. There is a line of breeding in this offering that cannot be bought at private sale and it is only at a sale of this kind that such breeding is offered. Mr. Broughton is selling twenty head in the sale. Most of his cows are carrying their second or third calf at the present time, and he guarantees them all to be regular breeders. They are with calf by, have calves by their sides by, or were themselves sired by his present herd bull, Dudley 176275. Dudley was by Andrew by Don Carlos, dam by Beau Brummel. From this it will be seen that he is an intensely bred Anxiety bull. He was a prize winner at the Sioux City Fair this fall without any fitting. He has half brothers and sisters owned by Messrs. Cargill & McMillan, of LaCrosse, Wis., that have been first prize winners this season, as well as last in the circuit of state and national fairs. The young bull, Leopold, sired by Dudley, deserves special mention; his dam was a granddaughter of the Earl of Shadeland 30th. This is a bull that any breeder might feel pleased to own. At Sioux City, without being fitted, he won second in his class, second at head of breeder's young herd and second as one of four get of one sire. Professor Currius said of the class, the get of one sire, that all they needed was a little more fitting and they were good enough to show anywhere. Several of his cows, one bull and the two bulls consigned by Mr. Leslie, of Auburn, were sired by grandsons of the mighty Dale. Altogether this will be a sale to attract the attention of the best breeders. There will be the most popular blood, good individuals and the sale is made by men of the best reputation. Parties wanting catalogs should address Mr. Ben Broughton, Lake View, Iowa, or Mr. F. J. Green, Early, Iowa.

E. G. Stark's Short-horn Sale.

On October 15th, at Humboldt, Iowa, Mr. E. G. Stark, of Livermore, Iowa, one of the oldest breeders in the state, will make a public sale of Short-horn cattle at the fair grounds, and he will sell fifty head of as good and practical, money-making cattle as will go through a sale ring this year. The name of E. G. Stark has been synonymous with good Short-horns and for the past thirty-three years he has preached the gospel of good cattle and he has been one of the men who has practiced what he preached. While not following any particular fad, he has nevertheless been a believer in the saying that the best was none too good and he has in his day owned his share of the good ones. Scotch blood predominates in his herd on the very best Bates foundations and his present offering will be bred along these same lines. There will be about ten yearling bulls in the sale, two of which will be grandsons of Imp. Leyburn, a bull that he used in the herd a number of years ago and a bull that was considered one of the very best in his day. He undoubtedly had more to do in bringing the Stark herd to the front than any other bull that he ever used. The cows and heifers that Mr. Stark is selling in this sale are as good as can be seen anywhere. They are right off grass, but they are in nice condition. There will be a good bunch of heifers in the offering sired by Standard Fibre and some of these will have calf at foot and some will be bred and safe in calf to Commodore 2d, a Scotch bull purchased of Messrs. Cookson Bros. and used in the Stark herd. There will be at least a dozen or fifteen cows with calf at foot and several others will be right at calving. One of the best cows that he is selling is Thistle Duchess 2d, a seven-year-old cow, and a good one. She will have a calf at foot or will be right at her calving to Standard Fibre, a Cookson-bred bull. A number of the females will be bred to Mysie Lad, his new Scotch bull that he recently purchased of Mr. Claus Johnson. Mr. Stark is not putting an animal in this sale that he does not know to be all right in every way and his offering will pass the most critical inspection. As a money-making, debt-paying proposition, we know of nothing better than the offering of cattle that Mr. Stark is selling on this occasion. It is a clean lot of cattle from beginning to end and the very kind that men can afford to buy and do well with. Col. F. M. Woods will cry the sale and he will care for your bid if you cannot be there in person. Write Mr. Stark, at Livermore, Iowa, for catalog, and kindly mention The Homestead.

Very Strong Lot of Durocs.

Mr. H. G. Warren enters the sale ring with an offering from his well established herd of Durocs. He is one of the younger breeders of this stock that has made a good impression with a class of breeders that have a reputation worth seeking. They have added him to this circuit simply because his hogs warrant it and he has made this reputation in a very short time. Not so many months ago the writer watched this gentleman place some of his hids and we must admit that he went after the good ones only. He had to pay good prices in several instances, but never came home without his sow or boar that he started after. The sale stuff will be good and you can rest assured that you will get values that you will not be able to find in any other sales. His offering will not be as large in number, but where it lacks in numbers will be made up in quality and individuality. You will find hogs and gilts sired by Warren's Improver, by Improver 2d. This yearling

boar is one of strong individuality and is good enough to be at the head of any good herd. He has some choice litters sired by Hambletonian. The last named litter is out of Rosie Perfection, she by Jumbo Perfection. She was sold in the Loudon sale last spring for \$200 and was safe in pig to Hambletonian. Mr. Warren will sell her litter in the sale. Other litters are sired by Billy K. Ray's Choice and Big John. Some very good sows in the herd are sired by the great show and breeding boar, Higgins' Model. Look up this breeder's sale advertisement on page 31 and write him for catalog. His sale follows along with the Central Nebraska Circuit. You can send a bid to auctioneer, or Mr. G. W. Segrist, in care of Mr. Warren, at inland, Neb. This city is on the Northwestern & B. M. Try and attend this sale.

Herefords and Duroc Jerseys at Auction.

We wish to call attention to the Hereford and Duroc Jersey sale of Messrs. N. J. Hiltahrand and Lewis Bros., which will be held on Monday and Tuesday, October 8th and 9th, at Princeton, Ill. The writer representing this paper has inspected the major portion of the offering and is pleased to recommend them to readers of this paper. The Herefords represent the best blood the breed affords and in many instances are the get of famous huls. The catalog shows a list of sires that have contributed largely to the improvement of the Hereford breed and the man who wants the best blood the breed affords either to add to his herd already established, or to select the foundation for a herd, should not overlook this important event. The entire lot is in good, thrifty condition and just right for service in good herds. There are in both offerings such specimens as command good prices in any sale where those present know their value and they should meet with appreciation in this sale. The cattle are just in the beginning of their usefulness. Among the number are several of show-yard type and quality, and the calves at side make this a very desirable offering. Every female of breeding age is either safe in calf, has calf at side or is due to calve immediately after sale. The bull offering is an equally strong one. Several huls of the herd-header sort are included, and anyone looking for herd bulls will find what he wants in this lot. The Duroc Jerseys are in good condition to go into herds and yield much profit. Messrs. Hiltahrand and Lewis kindly invite all those in need of good stock of either breed to be present sale day, and they are sure the offering will please those present. Catalogs may be had by writing as per the advertisement on page 40 of this issue. Bids sent to Mr. D. M. Pierce, representing this paper, in care of either consignor, will be properly handled.

ONLY \$4.50 TO MINNEAPOLIS AND ST. PAUL AND RETURN.

Via the Minneapolis & St. Louis Ry. Popular excursion Saturday, October 13th. The last chance to visit the Twin Cities at a low rate. Tourist berth rate \$1.00. City Ticket Office, 512 Walnut St.

VERY LOW EXCURSION RATES TO DENVER, COLORADO SPRINGS AND PUEBLO.

Via the North-Western Line, will be in effect from all stations, October 13th to 16th, inclusive, with favorable return limits, on account of American Mining Congress. For full information apply to agents Chicago & North-Western Ry.

NORTHERN NEBRASKA Duroc Jersey Sale Circuit

The blood of JUNIOR JIM and GLENDALE CRITIC, two of the most noted prize winning boars, will be found in these offerings. Also the blood of Proud Advance and old Orion. We have selected only our best for these sales

October 16, 1906.

W. S. Moats & Son, Randolph, Neb.

Sell Prize Winners.

Sired by Crimson Critic, second prize boar at Nebraska State Fair, also by Critic's Echo. Malcolm's Model and other prize-winning boars. We have the goods in this sale that can win next year. Catalog ready. Address,

M. S. Moats & Son, - - Randolph, Neb.

October 18, 1906.

..W. C. Holmes, Osmond, Nebraska..

33 Head Boars.

Sired by Liberty Boy, Stutt's Wonder, Critic's Wonder, Liberty Boy's Wonder and Young Arion. I am offering my tops in this sale. Write me for catalog at once. Address

W. C. Holmes, - - - Osmond, Neb.

October 17, 1906.

Black & Miller, Randolph, Nebraska

45 Head

Including our best spring boars, a few fall yearlings, and choice spring gilts. These are strongly of the Orion Proud Advance and Crimson Wonder blood. Write me at once for catalog. Address

John W. Black or B. R. Miller, Randolph, Neb.

October 19, 1906.

....M. Mihills, Norfolk, Nebraska....

Closing Out Sale.

Including all of my good herd boars, and brood sows. These are mostly sired by Orion and Dandelion. Forty-five head in my sale. Some great gilts and spring boars in my offering. Write at once for catalog. Address

M. Mihills, - - - Norfolk, Neb.

COLONEL LUTHER WILL CRY ALL FOUR SALES. SEND ALL BIDS TO HIM.

HIGH CHIEF YEARLING SOW SALE.

Watson's Public Sale of Select

DUROC-JERSEY SWINE

Saturday, Oct. 20th, 1906, in Edinburg, Indiana.

20 Head of Yearling Sows and Boars sired by

GREAT HIGH CHIEF A World's Fair winner and a son of Ohio Chief, a World's Fair winner.

20 fall yearling sows all sired by High Chief. 5 yearling sows by High Chief, 1 yearling sow by Sure Winner, 4 fall yearling hogs by High Chief, 14 spring sows and two spring hogs, sired by Top Notcher Chief 17583, American Chief 15623 and Harrison's Chief 17585. A grand lot of nicely bred and nicely fitted hogs. Send for catalog, mentioning Homestead. Send bids to D. M. Pierce, representing The Homestead, in my care.

H. E. WATSON, Tom Vinnedge, C. M. Isenhower, Auctioneers, EDINBURG, IND.

W. E. MARRS' SALE OF Duroc Jerseys

At Albany, Mo., Tuesday, October 23.

25 BOARS.

25 SOWS.

These are largely the get of Pilot J. 26311, he by Pilot 12075. His dam, Dora, was got by Elmo 7175. Pilot J. was formerly used in R. J. Harding's great herd. The dams are daughters of the great show boar, Improver II, Cole's Duroc, Masterpiece and Golden Duke. The Improver and Cole's Duroc sows were bought at the great Bowman & Fitch dispersion. I think I have hogs to please you. Send for catalog, mentioning this paper.

W. E. MARRS, ALBANY, MO.

ISAAC'S DUROC-JERSEY SALE!

RED OAK, IA., OCT. 17, 1906.

55 HEAD: 50 boars, 4 sows, one with litter of pigs at foot, and 1 choice gilt. I am putting in a granddaughter of the great sweepstakes sow Red Lady that has always won 2d place at the shows. My boars are very stretchy, with lots of bone, and have been well grown out. If you want a good boar I have them in my sale. Write for catalog, mentioning Iowa Homestead. Address

T. H. ISAAC, Col. ATKINS, Auctioneer, RED OAK, IA.

The Broughton-Green Hereford Sale.

An important Hereford sale will take place at Lake View, Iowa, on Thursday, October 11th, commencing at 1 o'clock sharp. At that time Mr. Ben Broughton and Mr. F. J. Green, of Lake View, will sell an exceedingly creditable draft of Hereford cattle. Mr. Green is disposing of his entire herd and it includes some exceedingly good individuals. He has been using Rosebud, a Briton-bred show bull, and the result has been that he has established a marked degree of uniformity in his herd. Allen Overton 2d, a bull of great scale and depth, so successfully used in the herd of Mr. C. G. Comstock, of Missouri, succeeded Rosebud in the herd, and all the females of breeding age in Mr. Green's herd will be bred to or have calves at side by this bull. Mr. Broughton is offering his first consignment at public auction. He has selected a string of useful young cows, most of them carrying their second or third calf. In addition, he is offering several heifers too young to breed. All the females consigned by Mr. Broughton are bred to, or have calves at side by or were themselves sired by Dudley, an intensively-bred Anxiety bull of Messrs. Guggell & Simpson's breeding. Some of his half brothers and sisters were shown last year, as well as this season, by Messrs. Cargill & McMillan, of LaCrosse, Wis., with a remarkable degree of success. The young heifers sired by Dudley will make an excellent foundation for any man's herd, while his bulls are exceptionally good individuals. Among the cows in this sale is Florence 2d 116125, a six-year-old matron bred by Mr. C. G. Comstock. She is by Garfield 75738 and is a granddaughter of Anxiety Grove 2d. She has a heifer calf at foot by Allen Overton 2d. Rosalia 134640 is a five-year-old cow due to

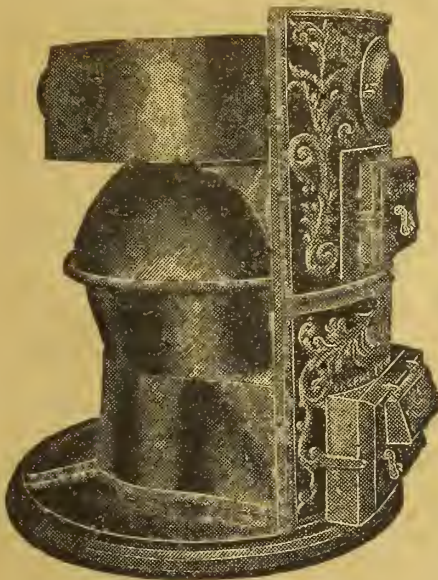
There will also be one boar out of this litter, the balance being spring gilts out of the same dams as the spring boars, and will be the pick of the herd. Here will be the chance to buy some open sows and gilts to breed to top sales with next winter, for Proud Advance sires are the kind that do that. The spring pigs are not fat, as they have never been crowded hard, but are just in nice breeding condition and ready to do the man good that buys them. Mr. C. M. Dewey will sell two fall boars by Proud Advance and two fall sows by the same boar. He also sells four spring boars and one spring gilt by him. He also consigns two boars and one sow by Miss Bob's Wonder, he by Crimston Wouder, and one boar and two sows by Tip Top Noteber and one boar and three sows by Red Lock, a son of Ringleader. There will be other good ones, but the catalog gives them all. Write Messrs. White & Dewey, Shannon City, Iowa, for catalog and then go to the sale.

Blackbird Daddies at Auction

There probably has never been a sale of Aberdeen Angus cattle where so many richly-bred Blackbirds were to be sold as at the dispersion of the Cloverland herd, owned by Baker & Smith, at Mt. Vernon, Iowa, on Wednesday, November 14th. This sale is being made in order to dissolve the partnership existing between Mr. Matt Baker and Mrs. C. A. B. Smith. Mr. Matt Baker has been prominent in Angus circles for a number of years. It was he who had charge of Mr. A. P. Grout's herd at Winchester, Ill., and conducted the affairs in such a manner as to bring the Winchester herd into more than ordinary prominence. From there Mr. Baker took charge of the Messrs. Chas.

THIS IS THE GREEN FURNACE.

This is the time of year when everyone is getting ready for cold weather and many of our readers are putting furnaces in their homes, as they are much cheaper than stoves, and besides your whole house is heated evenly upstairs and down. The stove at best only heats one or two rooms and is always a dirty piece of furniture, while the furnace is way off down in the cellar out of the way and no dirt. The Green furnace, an illustration of which is given in this article, is one of the best furnaces on the market, and as we have one in our home we know how good they are and how nicely they keep the house warm. They are made as good as first-class material and workmanship can make them and will last as long as you want a furnace in the house if they are attended to properly. The Green Foundry & Furnace Works, of Des Moines, Iowa, are sending out a neat little booklet about furnaces and would like to send every reader of this paper one who may be interested in furnaces. Write today for this furnace booklet. It will greatly interest you. Read the advertisement on page 16 and mention this paper when writing.



calve about sale time by Sunny Slope Tom 2d 94219, out of Cowslip 76748. There are some granddaughters of Dale 3d and Beau Brummel and several by Dale Lad 20th. The breeding throughout is of the very richest and both herds in the offering are in useful breeding condition. They have been profitable in the past and they will make money for the men who buy them. Catalogs are now ready and will be sent upon application to Mr. Ben Broughton, of Lake View, Iowa. The auctioneers are Cols. Carey M. Jones, E. P. Layman and W. T. Thompson, to whom bids may be sent in care of Mr. Broughton, at Lake View.

White & Dewey's Duroc Jersey Sale.

The sale of Mr. Grant White and Mr. C. M. Dewey, at Shannon City, Iowa, on October 18th, promises to be one of the good ones of the season. Mr. White will consign twenty-five head to the sale. There will be fifteen boars and ten sows and gilts in his offering. The boars are all sired by Proud Advance, and the dams are such as Dalby, sired by Orion. There are three boars in this litter and one of them is good enough to head any good herd. Another dam is Russell Belle. She will have three boars in sale that are good, and Miss Queen will also have three boars in sale. There are two extra good pigs in litter. Lady Chief will have one boar pig that is a good one. She is by Ohio Banner by Ohio Chief. Will have two boar pigs sired by Ohio Chief and dam the sow that topped Mr. O. E. Osborn's sale last spring. The sows going in the sale will all be sired by Proud Advance and will be an extra good lot. There will also be one junior yearling that we think is as good as they grow them. It is the sow which was fitted for show this year. Will offer three fall yearlings that are half sisters to Shade's sweepstakes sow this year at three fairs. Two of these are very choice sows.



EXACT WEIGHT

Everybody gets it always who uses the ball-bearing, perfect balancing

Howe Standard Scales

You are buying once for all. Why get an inferior or unknown scale? The Howe is in use everywhere—costs no more than ordinary scales. Write for particulars.

HOWE SCALE CO., OF ILL.
50-52 Lake Street, Chicago, Ill.

Usher & Sons' herd, at Botna, Iowa, and fitted them in the pink of condition for show and sale at the time of this herd's greatest prominence. It was also Matt Baker that fitted the great Short-horn cow Red Bird, and exhibited her without defeat for so many years at the leading shows of America, showing against all the best imported cattle from England and Scotland. In this offering, to be made by Baker & Smith, are forty-eight head of first-class, high-bred daddies; thirty-five of the forty-eight are of the famous Blackbird family. Without doubt, this is the greatest aggregation of Blackbirds that has ever been offered by any one breeder or firm on American soil. We simply throw this out as a fore-runner of much more that is to be said concerning this very valuable aggregation of Angus cattle that will pass under the hammer on the date above mentioned. The catalogs are now ready for distribution, and will be sent free to every Homestead reader who says he saw this notice in The Homestead. Address Baker & Smith, Mt. Vernon, Iowa, for same.

The World's Largest Herd of Red Polled Cattle.

Our readers may not be aware of the fact that right in Iowa is located the largest herd of Red Polled cattle in the world, over 300 head of pure-bred, registered cattle of the most approved strains. They are owned by Messrs. P. G. Henderson & Sons, of Central City, Linn county. Twenty years ago Mr. P. G. Henderson commenced the breeding of Red Polls, securing the nucleus of the present herd from Gen. L. F. Ross, who was an extensive breeder and importer located at Iowa City, Iowa. The writer well remembers the many pleasant days spent with General Ross listening to him exploit the good qualities of his favorite breed. Mr. Henderson, with Red Polls like everything he undertakes, wants the very best. General Ross caused Mr. Henderson to part with a lot of money for a few of the very best things in the herd, but it was not many years until the Henderson herd was the larger and superior. During later years Mr. Henderson went to England and made his own importations. One of our scribes recently visited the herd and found a very uniform, smooth lot of cows with splendid, large udders, that milked out clean and flexible; in fact it is truly a business herd from start to finish. The milking cows average \$5 per month from the sale of cream, exclusive of calves and the value of separated milk. The cows take on flesh rapidly when dry and make excellent beef. At this time there are twelve fine young bulls old enough for service that are offered for sale.

VERY LOW RATES TO BUFFALO, N. Y., Via the North-Western Line. Excursion tickets will be sold at one fare for round trip October 10th to 12th, inclusive, with favorable return limits, on account of International Christian Convention. Apply to agents Chicago & North-Western R'y.

THE COMBINATION DUROC SALE.

Lincoln, Neb., October 17, 1906.

50
HEAD

Tops From 3 Strong Herds

50
HEAD

The get of Crimston Wonder, Fancy Crimston, Ohio Chief, Aethelred, Luther II. by Hambletonian, Malcolm Model and Morrison's Bell Top.
W. A. Kirkpatrick, of Lincoln, Neb., consigns 17 head.
A. Wilson, of Bethany, Neb., consigns 14 head.
E. K. Young & Son, of Havelock, Neb., consign 20 head.
Three strong herds topped to make the offering choice. In making our combination sale we have decided to offer the best lot of boars raised by each and we have something to offer that will please all interested in good Durocs. You will notice that our offering embraces the rich blood of the breed. Our catalog is now ready.

A. Wilson, W. A. Kirkpatrick, E. K. Young, Proprietors.
Col. T. C. Callahan, Auctioneer.

C. A. WRIGHT'S SALE OF DUROC JERSEYS

AT THE FARM NEAR Savannah, Mo., Thurs., Oct. 18th

34 BOARS.

46 SOWS.

I have reserved my entire crop from which to select for this sale, and if you are here sale day you will see as many good ones as you will likely see in any one herd in the West. All my winners at Iowa State Fair and Interstate show at St. Joe go in the sale. Larchwood King, Echo, Challenger, Orion, Cbip, Wright's Choice, Parnell Banner are the sires represented. Larchwood King and Challenger go in the sale. Here's a chance to get herd boars. Write today for catalog, mentioning this paper. It tells the whole story.

DUNCAN BROTHERS, AUCTIONEERS.

C. A. Wright, Rosendale, Mo.

WARREN'S WELL BRED DUROCS OFFERING OF

At Inland, Neb., October 20th, 1906.

Choice pigs of both sexes. Large, roomy gilts with good color. Strong lot of spring boars. Bone, feet, strong backs and vitality. Offering strong in blood of Improver 2d, Hambletonian, Billy K., Rays' Choice, Big John and Higgins' Model. Several good herd headers noticeable.

My first sale will be one of quality, finish and of good color. My hogs have been selected from the best herds of this breed. I have paid long prices for my foundation stock. This sale will not be a disappointment to those who may attend same. My sale follows the C. Briggs sale at Clay Center, Neb. Catalog now ready. G. W. Segrist will attend sale.

H. E. WARREN,

Col. T. C. CALLAHAN, Auctioneer.

INLAND, NEB.

Wehr's Duroc Jersey Sale

.....Portsmouth, Iowa, Oct. 20, 1906.....

I AM SELLING THE TOPS OF MY HERD IN THIS SALE

... 40 HEAD---25 BOARS---15 CHOICE GILTS ...

Sired by Munson's Perfection, first prize pig at Des Moines in 1904; Orion's Model, third prize boar at Des Moines in 1905; Proud Advance Again, one of the best sons of old Proud Advance and E. B., a son of Surprised Not At All in the offering. Catalog ready. Write for it. Address,

J. E. WEHR, - - PORTSMOUTH, IOWA.
COLONEL LUTHER, AUCTIONEER.

Last Call for the Brown-Mickey Sale.

In our last week's issue we gave you an idea as to the class of Durocs going in the sale to be held at Osceola, Neb., on October 10th. We are just as strong as ever in our assertion that this sale will afford opportunities to invest in something choice. Each gentleman has gone through his herd and made a selection that will be pleasing to those who attend the sale. You no doubt realize that the pig crop is somewhat short and that the first in will get the pick of the different offerings. As to breeding, they will stand among the best. These gentlemen have purchased a class of sires that have won recognition the world over. Mr. Brown owns the celebrated Red Knight. We will say that this hog won his spurs in one of the strongest classes last year and it was an undisputed decision. He was picked as a winner before the show, and true to the assertion he won first and sweepstakes. Both gentlemen have pigs sired by him in the sale, while some will be out of his get. Mr. O. E. Mickey owns the good breeding boar Homestead Gold Dust, sired by the great Gold Dust Jim. Mr. Mickey has sired him on a class of sows that produced good results, and his get will show that the assertion was true. The good sire Belle Echo, sired by Echo King, is owned by both gentlemen, and both farms have secured real choice animals for their troubles. This hog is one of the best sires of the breed. He has demonstrated his worth several times, and to get one of his pigs would certainly prove a wise deal for all concerned. Then we find some choice pigs sired by King of Crimsons, sired by Crimson Wonder. Mr. Brown will sell a number of yearlings at this breeding that should be worth your time. They are very good and will please the purchaser. You will also find some pigs sired by Star Jumbo by Jumbo Red. Mr. Brown's sale last spring was a success in all respects, and his offering was well received by the breeders. Mr. Mickey has some of the same breeding, and we can say that he has some very choice stock going in the sale. Homestead Gold Dust has crossed well wherever mated, and the Belle's Echo pigs are choice. It is now up to the breeding public to take notice and make arrangements to attend. Both gentlemen are working for the betterment of the hog business and both have made good purchases. It now looms up that the sale will be one of choice animals with a line of breeding worthy of your consideration. Good boar timber and good brood sow timber, with a few good yearlings, is what makes the offering choice. If unable to attend the sale, send a bid to G. W. Segrist, representing The Homestead. Look up display advertisement on page 42.

Blain's Poland China Sale, One of Choice Animals.

The writer need not go into details on this well-known breeder's history, but we will say that the class of hogs raised by Mr. John Blain, of Pawnee City, Neb., are the type that sell readily, as well as give satisfaction to the purchaser. For a number of years this breeder has topped the spring offerings in the state of Nebraska. He has made good, large consignments to each offering and it would be hard to find an even bunch of spring pigs than those that will represent the Blain herd on October 17th. Mr. Blain's introduction in his catalog will give you an idea as to his business and we must say that it will interest you. The fifty head of growthy Poland China pigs to be offered on the above date should attract as much attention as any previous offering from this herd. The pigs are strong in every respect. As many herd hogs are noticeable as ever and as many of those promising sows are to be found. In looking back over this herd's history we can count a very large string of sires that have been causing considerable comment. These same grand hogs are ones bred by the veteran breeder, Mr. Jno. Blain, of Pawnee City, Neb. In giving a few of them we will say that many more have had license to be heard from, but owing to some party getting them that did not care to give the hog a chance, they were held back. A few of the ones that have made good as breeders, as well as show hogs, are Marcus Hadley, Pawnee Chief, Logan B., Major M., Major Blain, Pawnee Wonder, Electric Light, Searchlight, Oakland Prospect and in fact many more that have slipped our mind. The animals to be offered on sale day are as strong in feet, back, bone and quality as any previous one. If you have watched the papers you no doubt know that this man has the type of Poland that please the farmer as well as the hog man in general. The offering is strong in the blood of Johnson's Chief by Chief Tec. 3d. This grand sire was a winner at Nebraska State Fair, winning both first and sweepstakes in a warm class as a yearling. He was sold recently. His get show very much quality and size combined. The cross on the large, roomy sows was very good and the produce are such as will please you. Then we find some choice pigs sired by Major Blain, he by Blain's Tecumseh, and a few good ones sired by Major M., now owned by Mr. J. R. Triggs, of Dawson, Neb., and others sired by Pawnee Wonder by Glenwood Chief by Wonder's Perfection. A choice litter is by Hastings Boy. Mr. Blain breeds for the type that grow into hogs from 700 to 900 pounds at maturity. Watch for our next issues and get a full list of the offering. If unable to attend this sale, send a bid to Mr. G. W. Segrist, representing this paper. Look up display advertisement on page 34.

Overholser's Duroc-Jersey Sale.

Mr. L. L. Overholser, of Diagonal, Iowa, will sell forty-two head of Durocs at his farm on October 10th. There will be fifteen spring boars, twenty spring gilts, five sows with litters, one Orion Dandelion sow and one herd boar in the sale. The boars are sired by the very best hogs and are out of splendid brood sows. Mr. Overholser has pigs in this sale sired by his well-known boar, Ringleader, and King Walnut, and will sell the latter boar in this sale. There will be three Ringleader sows in the sale; also pigs by Proud Advance Jr., King Perfection Chicago Boy and Tom Watson Jr. The attraction in the sale will be Dixie Belle by Orion Dandelion. She is an extra good sow, and one of the best he ever owned. She is a splendid individual from head to

tail and will be sold open. He is putting in a splendid litter by King Perfection out of Iowa's Iowa Girl and another good litter out of Russell Belle. Keepsake Lady has a good litter by Ringleader and Hank's Beauty has a nice litter by King Walnut. There are many other good litters in the sale and Mr. Overholser says he never put up such a good offering as he has this year. Catalog is now ready. Write for it and mention The Homestead.

Last Call for the Sale of Short-horns and High-grade Short-horns by Geo. Hans.

As this is the last opportunity to invite attention to the sale of registered Short-horn cattle and high-grade Short-horns offered by Mr. Geo. Hans, at his farm near Newton, Iowa, on October 8th, we wish to impress our readers with the fact that it will certainly afford a golden opportunity to buy some good cattle at what, in all probability, will be bargain prices, for the reason that Mr. Hans is not selling all registered cattle. Twenty-two head of the number are registered and about twenty head are purebred unregistered cattle, which must pass as grades. Among the registered cattle are eleven young huffs, all but two solid reds. There are also included eleven cows, six of which have fine, big, husky calves at foot and the other five well forward in calf to the service of Victor Alexander 2d. This splendid Scotch bull is a son of Victor Raphael and out of a dam by the great show and breeding bull, Victor Mysie 2d. He was bred by the Messrs. Thompson, at Iowa City, and has demonstrated his ability as a good sire, which is made clearly evident by the many young things now on the farm by him. Preceding the use of this bull Mr. Hans used a splendid bull called Beauty's Prince. This bull was founded on the imported Nerissa cow, Nerissa 11th, by the Booth bull, Hamlet. It will thus be remembered that this is the same identical cow from which Mr. Parsons' \$4,000 Nonpareil King, and also other noted show bulls produced and exhibited by Mr. Geo. Bothwell, of Nettleton, Mo. All of the bulls listed in the sale are by Beauty's Prince. Beauty's Prince was sired by Prince Nonpareil and he by Gwendoline King. Thus it will be seen that Mr. Hans has maintained good bulls at the head of this herd during its entire existence. No straight Scotch cattle are listed for sale, but the standard American sorts prevail. From the standpoint of practical utility, good milking qualities and general usefulness this breed commands a ranking position, and those who wish to better the condition of their stock without paying prices that straight Scotch cattle demand will find here a splendid opportunity for such purchases. Mr. Hans will be pleased to send all Homestead readers his sale catalog.

**Lyon's
Perfect Hog
Trough.**
Gives Perfect
Satisfaction

Saves all the Feed,
keeps it clean.



In Iowa Only.

M. M. BAY, ALBIA, IA.

**TWO
WEEKS
FREE
TRIAL**

Send in your
order today.

TOO LATE TO CLASSIFY.

HIGH CLASS ANGUS BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, E. GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABELOUR 41201, BELLS ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to
O. D. WRAY, Bloomfield, Iowa

8 LONG, heavy-boned fall boars by Tec. Keep On 8 by Big Tec. by Blain's Tec. and Indiana King. They weigh from 280 to 350 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dorris Tec. and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. Henry Dorris, Remsen, Plymouth county, Iowa.

30 CHOICE POLAND CHINA BOARS 30 FOR SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address,
Jno. Schneider, Remsen, Iowa.

BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

I HAVE carefully selected 25 choice Poland China boars out of 50 head, sired by Midwood Perfection 106947 and Perfect Keep On 2d, and out of matured dams. They are deep bodied, lengthy, good boned, well-finished pigs. I also have a few yearling Angus bulls, out of matured dams, that will be priced right. F. T. Wells, Bristow, Iowa.

CHOICELY-BRED Duroc Jersey pigs, sired by BIRD B. 45813. The long, deep-bodied, growthy kind. Write me. E. W. Richardson, Ogden, Iowa.

GROWTHY Chester White pigs, by Long John 14151. Heavy bone, with smoothness. Up on their legs. Write me. E. W. Richardson, Ogden, Ia.

OPPORTUNITY TO GET THE BEST OF THE BEST DUROC BLOOD.

MORRISON & SON'S

Strong Offering OF DUROCS

At College View, Neb., October 16, 1906.

15 Ohio Chief

Boars out of Village Pride by Improver 2d, Lady Top Notcher, Miss Bob. Others sired by Morrison's Bell Top, out of the great Nebraska Belle; others by Cole's Duroc and Pericles.

The sows in the herd represent Dan Patch, Improver 2d, Crimson Wonder, Orion, Van's Perf. and others of note.

The real bargain sale of the season. Think of it. A sow selling for the reasonable sum of \$100 gives you free service to the great Kant Be Beat (\$2,500 boar and the great sire of show hogs as well as winning wherever shown).

Where can you get better blood than you will find here?

Our offering embraces the choicest of the choice. We have the best lot of boars and gilts ever offered by us. We have size, finish and color. The breeders cannot find better opportunities than we are offering you. Come and inspect our offering. Visitors are always welcomed. Our catalog is now ready. Look up field note. G. W. Segrist will attend this sale.

J. M. Morrison & Son, Props.

Col. T. C. CALLAHAN,
Auctioneers.

COLLEGE VIEW, NEB.

FIRST ANNUAL SALE OF

Lyndale Poland Chinas

AT

LYNDALE FARM, KING CITY, MISSOURI.

SATURDAY, OCT. 20th, 1906.

7 Fall Yearling Boars-----5 Fall Yearling Sows-----23 Spring Boars,
20 Spring Gilts.

This offering is made up of tops selected from a herd of 130 head of big-boned, growthy Polands, rich in Perfection, Sunshine and Tecumseh blood, with individuality to match.

Arrange to attend this sale and see one of the greatest herds of useful breeding hogs to be found anywhere. Free conveyance for parties from a distance from Stanberry and King City to the farm. A postal card will bring you a catalog. Free lunch on grounds at noon.

A. F. GRAVES, **KING CITY, MO.**

Cols. Bellows and Kias, Auctioneers.

TOO LATE TO CLASSIFY.

15 Poland China SPRING BOARS. 15

The Pick of This Year's Raising.

AND one splendid fall boar, sired by Empire Chief 2d 90645, Empire Thickset 102647, and Acrobat 71003. No culls shipped and pigs as represented. Prices reasonable. Address,

ROY ROCKWELL, - PAULLINA, IOWA.



CHARLES R. KIRK,

PERCHERON IMPORTING COMPANY, CHARITON, IOWA.

YOU want an imported stallion of purest breeding. With a short back, upheaded, gentis and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

CHARITON, IOWA.

PIONEER HERD OF CHESTER WHITES.

100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good hogs. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.

A. A. HUMMER,

KESWICK, IOWA.

DAWSON'S BIG OF THE BIG POLANDS.

OUR hogs won most of the ribbons at Hutchinson, Kan., St. Joe, Mo., and their share at Nebraska. The Poland with size and quality combined. We have sons of the great Expansion. His get have won or sired as many winners as any hog living today. We also own the champion yearling, sired by King Look. If you want good hogs, address us, and mention The Homestead.

H. C. DAWSON & SONS,

ENDICOTT, NEBRASKA.

Big Three Days' Sale of Short-horn Cattle in Wright County, Iowa.

Attention is called to the important three days' sale of Short-horn cattle that will be held in Wright county, Iowa, by the following well-known breeders: Mr. T. A. Davenport, of Belmont, Iowa, opens the circuit with a consignment of forty-five head from his Pike Timber herd, including thirty-five head of females and ten bulls. The unusual part of this offering is the fact that twenty-five cows will sell with calves at foot. Mr. Davenport is listing four good Scotch bulls in this sale, and the remainder of the offering Scotch topped. His sale will be held at his Pike Timber Farm, five miles from Belmont, on October 23d. However, free conveyance will be furnished to all of his guests from either Belmont or Clarion, to the farm and return. On October 24th, Mr. G. J. Mack, of Clarion, Iowa, will disperse his Lillac herd of fifty head of cattle. This course on Mr. Mack's part becomes an absolute necessity because of his sad misfortune in losing his life companion, which forces the breaking up of his home and leaving the farm. These cattle have been propagated with the idea of always continuing in the business, but as Burns would say, "The best, laid plans of mice and men, gang aft agley." Hence, the misfortune of Mr. Mack will place the public in position to secure this select herd, including ten head of Scotch cattle that he is very loath to part with. They are Nonpareils, Orange Blossoms, Mysies and Duchesses of Glosters. Seven of these are females and three bulls. All other families represented are Scotch topped. The day following Mr. Mack's dispersion, on October 25th, Messrs. Rice & Lindsey, of Clarion, will sell at their farm their entire herd of Short-horn cattle, including some fifty-two lots. This sale is made necessary by the dissolution of partnership, which has existed for some four or five years between Messrs. Rice and Lindsey. Mr. Rice has purchased a farm of his own and will remove to the same in the spring and expects to again engage in the breeding of Short-horn cattle after he gets settled in his new home. Their offering embraces some exceedingly heavy-milking cows. In conversation with Mr. Rice he informed the writer that there were very few of their cows but what had to be milked until the calves were two months old, before the calf could take all the milk. This herd does not represent any straight Scotch cattle, aside from the herd bull, but they have from three to five Scotch tops of the best Scotch bulls in northern Iowa. There are about forty-two females in the sale and eight or ten bulls and they are largely Scotch-topped Young Marys, Young Phyllis and Lady Elizabeths. For catalogs of this sale address Messrs. Rice & Lindsey, Clarion, Iowa. Further notices in The Homestead will be made with reference to some of the individual lots included in these sales. In the meantime application for catalogs should be made according to the addresses given in the foregoing article. Kindly mention The Homestead when applying for the catalog.

Down Where the Good Ones Grow.

The writer has handled Mr. G. Van Patten's business for some time and has never found a squarer breeder than the veteran who raises the choice Durocs at Sutton, Neb. It is a pleasure to do business where a man has a reputation as well as a herd of hogs to back you. For years we have watched the output of this grand herd of hogs and we are of the opinion that he has as many good ones among this breed as any other one breeder. He not only breeds a Duroc that gives the results to the purchaser, but gets them good enough to win honors in the warmest competition. He fears no herd and his hogs have given him that confidence. As a buyer we do not remember of ever seeing this veteran breeder take back a poor one to do service in his well established herd. He has always been a lover of the best. He is as high among his fellow breeders and his dealings have been a pleasure to all interested. This fall finds him at the shows with his good type of Durocs and we note that his hogs were among the winners in every show where exhibited. He has selected a lot of Durocs that will demand interest. He deserves the patronage of young and old breeders, as his offering is strong and the farmer need not worry about getting a bargain at any price paid. The grand sire, Billy K, has been dead some time, but has left a class of pigs behind that will take his place in way of remembrance of his good deeds. This hog was shown at the Nebraska State Fair last fall and was given a place of third money. The size of the premium does not signify his worth as a breeder. The animals going in the sale on October 18th are choice and you will be given an opportunity to buy some of the show stock. Part of Mr. Van Patten's show herd was sired by this animal. The forty head are sired by Billy K, Medoc and Beauty Wilkes. The latter named sire had winners at the fall show. Mr. Van Patten will offer some choice pigs by him. Golden King, a yearling past, will be offered and he is a good, strong herd header. You will like him. In our next issue we will give a full report of the offering and it will be to your interest to watch for it. If unable to attend this sale send your bids to Mr. G. W. Segrist, representing The Homestead. Look up display advertisement on page 23.

Last Call for Podendorf's Iowa Sunshine Sale.

Mr. A. J. Podendorf, of Logan, Iowa, and his great array of Iowa Sunshines will be at Council Bluffs, Iowa, on October 12, 1906. He has selected twenty of his very best hogs for this sale and twenty sows and gilts. He will include his entire show herd at Des Moines, together with his second-prize hog pig called Sunshine Finish and No. 1 of catalog. This pig was one of the sensational ones at Des Moines and he is going to make a great herd boar. He is sired by Iowa Sunshine and his dam is Proud Ollie, a 600-pound sow that won fourth at Des Moines in 1905. In this pig we have the best thing that Mr. Podendorf has ever bred and he goes

with the rest on this occasion. One of the great sows in the offering is Iowa's Beauty. She is a grand sow from head to tail and is a show sow for next year. She was a winner at Des Moines in 1905 and 1906, and can go back again next year stronger than ever. Another good two-year-old sow is Valentine by Iowa Sunshine and out of Chief's Sister by Chief Tecumseh 2d. She has been a winner at the Iowa and Nebraska State Fairs and is a good one. She took second at Nebraska and fifth at the Iowa State Fair in 1905. Another good fall yearling sow is Iowa Belle out of a granddaughter of Chief Tecumseh 3d. Two of her sisters go in the sale with her. There are eight fall boars in the sale and six fall gilts, nearly all sired by old Iowa Sunshine. If our Poland China brothers want some of this great Sunshine blood they will have to be at Council Bluffs, Iowa, on October 12th, or send their bids, as there is going to be a good demand for this prize-winning blood. Write for catalog at once and mention The Homestead.

A New Short-horn Herd Bull for Rookwood Farm.

Rookwood Farm is the name of Prof. C. F. Curtiss' fine stock farm located some two miles from the Iowa Agricultural College, at Ames, Iowa. On this farm, which is Professor Curtiss' own private property, and has no connection with the state institution, is maintained the highest class and type of pure-bred stock to be found anywhere. Registered Short-horn cattle, Percheron horses and Berkshire hogs are the leading breeds at present represented. The splendid Short-horn bull British Glory has recently been selected by Professor Curtiss from Messrs. I. M. Forbes & Co., who imported this bull from Scotland. His sire was Pride of the Realm, a bull conceded to be one of the best ever imported. British Glory was shown nine times in the Illinois fair circuit, winning nine first prizes and three championships. This is unquestionably a great Short-horn bull. In fact, nothing short of such a bull would suffice to fill the artistic eye and satisfy the demands of as critical and competent a judge as Professor Curtiss. At the head of the Berkshire herd of swine is the great prize-winning boar University Lee, second prize-winner at the Ohio State Fair in a very strong ring, and sire of the grand championship pen of harrrows at last year's International. This fellow is an unusually good Berkshire boar. He is low down, blocky, stands on exceptionally strong, heavy bone, well up on his feet, has an unusual spring of rib, smooth, round shoulders and deep, full hams. As will be noted by the following lines of breeding, he is bred in the purple: His sire was Governor Lee 2d, bred by Messrs. I. M. Barker & Son; his dam was the celebrated sow Minnie's Girl; she was by Duke Lee, while Governor Lee 2d, s dam, Daisy Bell 2d, was by the great prize-winning boar Headlight. Rookwood Farm is now in position to offer a choice lot of young hogs and gilts, sired by University Lee. Farmers who wish to secure a Berkshire boar of the modern pork-barrel type will do well to write Rookwood Farm for prices and description. No better breeding can be found, and few as good individuals as are offered from this famous breeding establishment. The announcement will be found on page 42.

Lyndale Poland Chinas at Auction.

On Saturday, October 20th, at the Lyndale farm five miles north of King City, Mo., Mr. A. F. Graves, of that place, proprietor of the Lyndale herd of Poland Chinas, will make his first annual sale of boars and gilts. Mr. Graves has one of the finest live stock farms in America and has it stocked with as fine a lot of live stock as is often found. The Poland China herd has been established some three years. The best foundation stock to be had was purchased when founding the herd and careful management has done much to improve the quality of the offspring. Size was thought to be one of the requisites—and Mr. Graves made no mistake here—yet quality was not sacrificed for size and the writer knows of no place where more big, stretchy pigs are to be found than at Lyndale. With all the size and bone there is quality and a uniformity that is most pleasing to the lover of good hogs. The herd boars, Sunshine King 37352, got by I Am Sunshine 22400, the boar that sired so much of Messrs. W. T. Garrett & Son's high-selling stuff, and Tecumseh 4th, one of the good sons of old Tecumseh 2d, have certainly produced a line of stuff that should command the attention of all who are interested in the Poland China that has stood the test of time. Herd boar material can be had at Lyndale and those who need boars should not fail to be in attendance. The sow end of Mr. Graves' offering is without doubt one of the strongest offers to be found this fall. Fall gilts and spring gilts to the number of twenty-five head will be sold, and a better lot of the stuff would be hard to find. Next week when we have a catalog more will be said of the offering. We urge all our readers who are interested in Poland Chinas to write Mr. Graves for a catalog. Col. George P. Bellows will do the selling, and any bids to him will receive the most careful attention. See page 32 for advertisement and when writing Mr. Graves for catalog kindly mention this paper.

Cross Duroc Sale.

Messrs. L. W. Cross & Son, of Mason City, Ill., have an announcement on page 23 of this issue which should interest Duroc breeders. This firm have selected the tops of their herd for this sale. The offering is made up of fine tried brood sows, fifteen fall sows, seven spring boars and ten spring gilts. The spring pigs are mostly sired by Buddy T's Best, the third-prize boar pig at Illinois State Fair, 1905, and are a uniform lot. The tried sows are mostly sired by Indiana, a prize-winning boar. All through the offering is a good one and should be appreciated by breeders. Catalogs may be had by writing to Messrs. Cross & Son as per the announcement on page 23 of this issue. Kindly mention The Homestead when writing. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Cross, will be properly handled.

GREAT - AUCTION - SALE!

OF

165 REGISTERED 165 HEREFORDS

Wednesday, Thursday and Friday, Oct. 17, 18, and 19.

AT

FINE STOCK PAVILION, KANSAS CITY, MISSOURI.

This will be one of the largest and best offerings of Hereford cattle made in recent years. There are 115 mature cows bred or with calves at foot. Twenty-five heifers and twenty-five bulls. Never before in one sale has there been offered an opportunity to buy the get of so many great sires as are represented in this sale. Among which are: Columbus 17th, Jack Hayes 2d, Beau Brummel, Beau Brummel, Jr., St. Louis, Free Lance, Lars, Elvina's Archibald, Diplomat, Earl of Shadeland 22d, Earl of Shadeland 73d, March On 6th, Java, Lomond, Corrector, Kansas Lad, Climax, Hesiod 2d, Hesiod 20th, Hesiod 54th, Hesiod 56th, Hesiod 26th, Hesiod 86th, Lord Pretty Face, Lord Saxon, Roderick, Onward 8th, Onward 16th, Beau Donald, and Keep On. These cattle will come direct from the pasture to the sale barn and will be in the best possible condition for the buyer. For catalogs and all information Address, C. A. Stannard, Sale Manager, Emporia, Kansas.

Soldier Creek Farm,

CLEVELAND, OHIO.

FRANK
ROCKEFELLER
Owner.

WINTERMUTE'S BIG POLAND CHINA SALE BLOCKTON, IA., OCT. 16, '06

60 Head. 30 Boars and 30 Sows.

THE large, growthy, prolific kind, consisting of 6 fall yearling boars, 7 fall yearling gilts, 24 spring boars, 20 spring gilts, and 3 bred brood sows, one with litter at foot.

THE spring pigs are all sired by my 1,000 lb. boar Junho. They have size, length and bone. Eleven sows farrowed me 111 pigs last February and March. Sired by large boars and out of 500 and 600 lb. sows, with the greatest bone seen on a bunch this year, is the kind I am offering. Write for catalog, mentioning The Homestead. Address,

DUNCAN BROS., Aucts.

J. H. WINTERMUTE, Blockton, Ia.

J. O. James' Big Poland Chinas.

BRADYVILLE, IA., OCT. 11, 1906.

50 HEAD. THE GET OF THE GREAT BOAR PAWNEE LAD, MY 800 lb. BOAR, and BIG PROSPECT. Bone, 50
Size and Quality Here.

I am offering a fine string of Pawnee Lad yearling sows and these make great big, roomy brood sows. I have retained everything that was good for this sale—the very cream of my herd. Ten fall boars in sale sired by Pawnee Lad and Big Prospect. My spring boars have never been equaled for size, bone and quality in southern Iowa. Write for catalog.

J. O. JAMES,

BRADYVILLE, IOWA.

Col. J. WEST JONES, Auctioneer.

Huffman's DUROC-JERSEY Sale

Scranton, Ia., October 15, 1906.

22 Spring Boars, 10 Choice Gilts and 2 Brood Sows With Litters.

I have reserved my best pigs for this sale. Will also sell my herd boar, Larchwood Echo. Catalog now ready. Address

Claud Huffman,

Scranton, Ia.

Southwestern Iowa Duroc-Jersey Sale Circuit

The cream of five of the best herds in southern Iowa will be sold in this Circuit Sale. The get of such great boars as Ohio Chief, Proud Advance, and other noted sires will be included in these sales. There will be some leading State Fair winners among the number offered and there are some great prospects for herd headers and show sows next year.

October 15th, A. L. & S. G. LYNCH,
MOUNT AYR, IA.

We are putting some very Choice Ohio Chief boars in our sale. There will be forty head in our offering, among which will be some choice yearlings. We think we are putting in as good a bunch of boars and sows as will be seen this fall. Write for catalog. Address,
A. L. & U. S. G. LYNCH, MT. AYR, IOWA.

October 16th, L. L. OVERHOLSER,
DIAGONAL, IA.

I am offering forty-two head of my tops in this sale. Everything has been reserved for this great event, and I can show you a bunch of boars and sows that are fit to go anywhere. Fifteen spring boars, twenty spring gilts, five sows with litter at side, one Orion Dandelion sow. Write for catalog. Address,
L. L. OVERHOLSER, DIAGONAL, IOWA.

October 17th, Z. J. GROUT,
TINGLEY, IA.

Forty head, including my very best spring boars and gilts, and some grand good sows will be offered for sale. I have reserved all of my tops for this sale, and they are good ones. Write for catalog at once. Address
Z. J. GROUT, TINGLEY, IOWA.

October 18th, WHITE & DEWEY,
SHANNON CITY, IA.

If you want Proud Advance males and females we have them in our sale. The most of our offering is sired by Proud Advance, and many of our show herd are included. We are selling forty head of our tops. Write for catalog. Address,
WHITE & DEWEY, SHANNON CITY, IA.

October 19th, GEO. R. MANIFOLD,
SHANNON CITY, IA.

My great Proud Advance litter, winners at the Iowa State Fair, goes into my sale. Thirty-five March and April gilts; eighteen March and April boars, and four fall yearling sows. If you want the very best, then make your arrangements to attend my sale. Write for catalog to
GEO. R. MANIFOLD, SHANNON CITY, IA.

SEND BIDS TO COL. F. F. LUTHER, FOR THE ENTIRE CIRCUIT OF SALES.

C. A. Wright's Sale of Duroc Jerseys.

About as interesting a catalog as has reached the writer's desk for some time is the Duroc Jersey sale catalog issued by C. A. Wright, of Rosendale, Mo., for his sale of Durocs to be held at his farm near Savannab, Mo., on Thursday, October 18, 1906. Mr. Wright has had experience in advertising, has always had stuff of merit to advertise, and when issuing this catalog he had hogs that deserved good advertising, and he has given them the benefit without over-estimating their value or merit. The writer has seen Mr. Wright's hogs and while the statements made in the catalog may seem rather strong, we are inclined to think all will say sale day that Mr. Wright has the goods just as advertised. No fancies or fads have been followed by him; he has simply gone ahead using the best of breeding stock, and cared for his hogs in such a manner as to obtain best results. This year was his first trip to the big show at Des Moines, Iowa, where he won seventh place on boar under six months, with sixty-one pigs showing. On young herd, boar and three sows bred by exhibitor, Wright's herd landed in seventh place—not at all a bad showing for the first trip out, and among 1,000 head of hogs, mostly fitted by old show men. As Mr. Wright will not make a bred sow sale he has listed his absolute tops and it will pay anyone wanting sows to be on hand. In boars he has listed a strong lot, including the two herd boars, Larchwood King and Challenger. They are a pair of good breeding boars and sired by Mr. Wright's winners and the majority of the sale stuff. Those wanting spring boars should look up Nos. 44 and 45. No. 44 is a February pig that was second prize over six and under twelve months pig at the Interstate show at St. Joe, Mo. No. 44 won second in under six months class at same show. While these are good, it is our opinion that Mr. Wright has other boars equally as good if not the superior of these. While at the Iowa State Fair Mr. Wright bought the yearling, Butler Orion 48579 (N.), to head his herd and all sows that sell for \$50 and over can be left at Mr. Wright's to be bred to this hog free of charge. Here is an offer seldom equaled, as it will give buyers a chance to secure the blood of Orion Chief through a boar that looks like a good breeding hog, as well as a good individual. In next week's issue more will be said of this hog and the sows that go in Mr. Wright's sale. Send today for a catalog, which tells all about the hogs and how to reach the farm. Kindly remember to mention The Homestead when writing.

Last Call for Williams' Short-horn Sale.

On October 8th, at Oakland, Iowa, Mr. R. E. Williams, Jr., will sell a draft of forty head of Short-horn cattle, composed of a choice lot of young bulls and cows and heifers. He is selling seventeen yearling and two-year-old heifers, and these would make a nucleus for some man to start a nice little herd of Short-horns. All the cows that he sells will have calf at foot except four, and these are well along in calf to his herd bull, Grand Champion 151483. The eight yearling bulls that go into this sale are lusty, well-developed fellows and are in prime condition to do good service. They are all sired by Prince Aldrie, a bull bred by the well-known breeder, Mr. B. G. Stark, of Livermore, Iowa, and used successfully in the Williams herd. His offering is very largely composed of Rose of Sharons, Arabella, Lady Elizabeth, Young Mary and White Rose families. These cattle are the practical and money-making Short-horns and they are now sold because Mr. Williams' herd has outgrown his pastures. In his catalog Mr. Williams says: "I am selling breeding cattle in breeding condition and guaranteeing everything sold to be a breeder. Cows having calves at side will be considered breeders." All the cows will have calf at side or will be bred to Grand Champion, his present herd bull. He is a well-bred Duchess of Gloster bull and was bred by Messrs. T. J. Ryan & Son. His dam was the 62d Duchess of Gloster, a daughter of old King James and his granddam was Imp. 33d Duchess of Gloster by the Chulckshank

bull, Gondolier. Remember the date, October 8th, at Oakland, Iowa, and don't fail to attend if you want a few good cows or heifers or a young bull.

Prominent Sale of Angus Cattle.

On October 19th, at Hartwick, Iowa, Messrs. M. D. & C. G. Korn and Wm. Dickson, of Hartwick, Iowa, associated with Messrs. U. S. Grant, of Brooklyn, A. H. Kimble, of Ladora, and H. H. Reed, of Marengo, Iowa, will hold a combination sale of registered Angus cattle at the beautiful farm home of Mr. M. D. Korn, one mile from Hartwick. There are some forty-five head of cattle in the sale, mostly from the Korn herd, with small contributions made by the other named gentlemen. Among the families represented are Blackbirds, Queen Mothers, Prides, Drumin Lucys, Alicias, Kinchoy Favorites, Miss Copelands, Lady Franklins, etc. The leading herds bulls that have been recently used on the Korn herd have been Royal Blackcap 3d, Blackwood Jim and Gay Blackbird Jr. Two of these are of the famous and ever-popular Blackbird family. There are several good heifers and four choice young bulls sired by Royal Blackcap 3d, which, by the way, was an International winner in 1903, this being the only time that he was ever exhibited. He was sired by the great son of Jim Jam, Black Jam. Black Jam was bred by Messrs. J. Evans, Jr., & Son, of Emerson, Iowa, and sold by them to Messrs. M. A. Martin & Son, of Wall Lake, Iowa, and at the time of their dispersion sale, he was sold to Messrs. Lantz of Carlock, Ill., where he has made an enviable reputation for himself and the breed. Thus it will be seen that the bulls heading the Korn herd have been of more than ordinary note. Mr. L. Kimball consigns a few choice females bred to a son of Black Roselawn. He is also offering a choice Pride cow, not that he cares to spare her, but simply as an attraction. Mr. Grant is making a small consignment, largely of his own breeding, and taken all in all the offering is one that should command the attention of Angus breeders and the farmers of the middle West. It is doubtful if any Angus sale held in this part of the state affords buyers a better opportunity to secure practical, useful Angus cattle that will be presented in their everyday clothes. It has been the aim of all these breeders associated in this sale to present a business lot of useful cattle that would do the buyer much good and stimulate a future demand for the surplus cattle bred on these farms. Mr. M. D. Korn showed the writer over his herd recently and gave him a bit of history concerning how rapidly certain families have propagated themselves, also pointing out many very heavy-milking cows, this being a point that should not be lost sight of by the beginners who are seeking to establish a herd, not only on the market-topping doddie, but if any other of the beef breeds, for it has been often said by our wisest and most experienced breeders of pure-bred cattle that without exception their heaviest milkers have been their best producers. By the time this reaches our readers we hope to have the complete catalog from which we can give more detailed mention in our issue of October 11th. In the meantime it will be in order to make application for this catalog to Mr. C. G. Korn, of Hartwick, Iowa.

Wintermute's Big Polands.

If our readers who are wanting the big-boned Poland Chinas will only attend the sale of Mr. J. H. Wintermute, at Blockton, Iowa, they will be able to buy what they want. He is selling sixty head, ten head of fall yearling and aged sows, twenty head of spring gilts and the rest spring and fall boars. The greater part of the young stuff will be sired by his 1,000-pound hog, Jumbo 37811, and out of sows weighing from 600 to 700 pounds. He sells a fall boar in this sale, a son of Mr. Fred Rood's great brood sow, Glantess. Those breeders who want none, plenty of size and great length of body can find in the Wintermute sale just what they are after. Write for his catalog and see what he has to offer. Mention The Homestead when doing so.

THE OPPORTUNITY PRESENTED

Blain's Big Poland China Hogs

The Breeder's Friend **50** HEAD of TOPS SELECTED **50** The Farmer's Friend
SIZE---BONE---FEET---QUALITY.

To Be Offered

OCTOBER 17th, 1906, at PAWNEE, NEB.

My offerings have topped all sales on spring pigs in Nebraska. Have shipped hogs to all parts of the United States. Have furnished many noted herd headers. My offering will be up to past sales held by myself. I feel confident the buyer will be well repaid for his trouble. The farmer demands a hog with size and vitality, as well as hogs that sire and produce large litters. The boars are in good breeding condition. The sows are as choice as the boars. The opportunity is presented. Look up field note elsewhere. Catalog now ready. G. W. Segrist will represent this paper.

JOHN BLAIN, Prop.

COL. LEONARD,
Auctioneer

PAWNEE CITY, NEB.

HURLBUTT & RASMUSSEN'S

4th Annual Duroc Sale

TAYLORVILLE, ILL., OCT. 18.

50 HEAD of SPRING GILTS and MALES and FALL SOWS **50**

This offering contains only high-class up-to-date stock, sired by Kraschel's Wonder, Forest Chief, Gold Chief, Condo C., Frisker Jr., He's Our Pride and Keystone King. Their dams are as good as money can buy. Come to our sale and buy some good ones at your own price. Send for catalog mentioning Homestead. Sale will be held 2½ miles north of Owaneco, Ill. Trains will be met at Assumption and Owaneco, Ill.

R. RASMUSSEN,

C. F. HURLBUTT,

Col. Judd McGowan,
Auctioneer.

TAYLORVILLE, ILL.

30 HEAD MAPLE GROVE HERD of DUROC JERSEYS

SALE AT YALE, IOWA, on OCTOBER 8th, 1906.

Sires of a great portion of these boars, Son of Proud Advance 44225 by Proud Advance, Hambleton Lad 33731 by Hambletonian 21837, sire of the balance. All spring boars farrowed in March and April. Also four fall boars by Hambletonian Lad. Dams of these four came from Hero Boy blood. Catalog ready. Some of these boars sprang from Eclipse 25171, Gilbert Van Patten breeding and out of sow Gold Miss F. Have been raising Durocs for seven years and have placed orders satisfactory.

J. C. DANNER,

Hotel arrangements at
Jefferson.

YALE, IA.

ANNUAL SALE of 55 Short-horn Cattle

At our farm, 3 miles east of
Charlotte, Clinton Co., Ia., on **Oct. 11, '06**

We will sell forty-three cows and heifers and twelve bulls. Four sons of Imp. Merry Hampton. Ten yearling heifers, eight two-year-old heifers. A large number of cows with calves at foot. Nine of our twelve show cattle are included, which we won with at Dubuque and De Witt, Ia., and Morrison, Ill. The chance of a lifetime to get good cattle cheap.

Lot 10. Lady Alice,
Color red; calved March 30, 1903. (Vol. 67.) Bred by Maire Bros. Owned by Lanaghan Bros.
Dams. Sires. Breeders.
Got by Baron Secret 124369.....A. & G. Davidson
Capt. of Maine Valley 96596.....C. Jordan
Cedar Grove Lady Eden.....Imp. Royal Barmpton 94949.....A. Cruickshank
Lady Eden 2d of Maine Valley.....Star of Athelstane 31187.....Jas. I. Davidson
Lady Eden of Maine Valley.....Imp. Stanley 21127.....A. Cruickshank
Blossom 2d.....Robin Hood 20837.....John M. Bell
Blossom.....American Duke 1197.....Ralph Wade
Jenny Lind 4th.....Field Marshall 18706.....A. Fergusen
Jenny Lind 3d.....Imp. Buxton 2d 12579.....John Wade
Jenny Lind 1st.....Hudsworth.....Bred in England
Imp. Lady Eden.....
One of the best cows we bought. A very large, growthy heifer, due to calve by sale time.

Lot 11. Park Queen.
Color red, little white; calved May 15, 1900. (Vol. 56.) Bred by Maire Bros. Owned by Lanaghan Bros.
Dams. Sires. Breeders.
Got by Baron Secret 124369.....A. & G. Davidson
Duke of Gloster 115148.....A. & G. Davidson
Queen's Beauty.....Imp. Confessor 65542.....A. Cruickshank
Queen 2d of Maine Valley.....Imp. Royal Barmpton 94949.....A. Cruickshank
Queen of Maine Valley.....Imp. Royal Barmpton 94949.....A. Cruickshank
Lady Eden 2d of Maine Valley.....Star of Athelstane 31187.....Jas. I. Davidson
Lady Eden of Maine Valley.....Imp. Stanley 21127.....A. Cruickshank
Blossom 2d.....Robin Hood 20837.....John M. Bell
Blossom.....
Park Queen is considered one of the best individuals we bought; a very good and regular breeder. Has a very good hull calf at foot.

Lot 12. Lily O. K.
Color red; calved March 11, 1904. (Vol. 67.) Bred by Maire Bros. Owned by Lanaghan Bros.
Dams. Sires. Breeders.
Got by Baron O. K. 198726.....A. & G. Davidson
Baron Secret 124369.....A. & G. Davidson
Jersey Lily.....Duke of Gloster 115148.....A. & G. Davidson
Young Lavinia.....Lauderdale 99020.....A. Cruickshank
Lavinia 3d of Maine Valley.....Imp. Royal Barmpton 94949.....A. Cruickshank
Lavinia of Maine Valley.....Star of Athelstane 31187.....Jas. I. Davidson
Primrose 2d.....Silas Bent 12919.....S. S. Brown
Primrose.....Imp. Stanley 21127.....A. Cruickshank
This is one of the best two-year-old heifers; is a real good heifer, good length, nice width and well-sprung ribs; well along in calf.

Lot 13. Red Lady 5th.
Color red; calved May 12, 1901. (Vol. 60.) Bred by Maire Bros. Owned by Lanaghan Bros.
Dams. Sires. Breeders.
Got by Baron Secret 124369.....A. & G. Davidson
Duke of Gloster 115148.....A. & G. Davidson
Red Lady.....Capt. of Maine Valley 96596.....C. Jordan
Rad Lady 3d.....Imp. Royal Barmpton 94949.....A. Cruickshank
Lady Eden 2d of Maine Valley.....Star of Athelstane 31187.....Jas. I. Davidson
Lady Eden of Maine Valley.....Imp. Stanley 21127.....A. Cruickshank
Blossom 2d.....Robin Hood 20837.....John M. Bell
Blossom.....American Duke 1197.....Ralph Wade
Jenny Lind 4th.....Field Marshall 18706.....A. Fergusen
Jenny Lind 3d.....Imp. Buxton 2d 12579.....John Wade
Jenny Lind 1st.....Hudsworth.....Bred in England
Imp. Lady Eden.....

Lot 33. Lily Scott.
Color red; calved March 20, 1902. (Vol. 62.) Bred by Maire Bros., Owned by Lanaghan Bros.
Dams. Sires. Breeders.
Got by Young Scotchman 155087.....W. L. Ketchum
Baron Secret 124369.....A. & G. Davidson
Lily Gloster.....Duke of Gloster 115148.....A. & G. Davidson
Jersey Lily.....Lauderdale 99020.....A. Cruickshank
Young Lavinia.....Imp. Royal Barmpton 94949.....A. Cruickshank
Lavinia 3d of Maine Valley.....Star of Athelstane 31187.....Jas. I. Davidson
Lavinia of Maine Valley.....Silas Bent 12919.....S. S. Brown
Primrose 2d.....Imp. Stanley 21127.....A. Cruickshank
Primrose.....
Another very good young cow, good color and back and nicely-sprung ribs; has a very nice calf.

Lot 40. Hampton's Lad.
Color roan; calved Oct. 30, 1904. Bred by Jas. McLaughlin. Owned by P. H. Lanaghan.
Dams. Sires. Breeders.
Got by Imp. Merry Hampton 132572.....Wm. Duthie
Spartan Royal 121210.....Milton Jones
Duchess of Niagara 17th.....Duke of Niagara 4th 97548.....B. C. Rumsey
Duchess of Niagara 12th.....Duke of Niagara 69368.....B. C. Rumsey
Duchess of Niagara 4th.....Viscount Oxford 2d (42558).....T. Holford
Imp. Duchess of Leicester 6th.....

Lot 46. Hampton's Favorite 259335.
Color red; calved Dec. 9, 1904. Bred and owned by F. Hunter.
Dams. Sires. Breeders.
Got by Imp. Merry Hampton 132572.....Wm. Duthie
Cornelius 181295.....A. M. Gordon
Imp. Golden Rose 4th.....Golden Ray 135023.....William Duthie
Golden Rose.....Salisbury 180428.....Lord Lovat
White Rose.....Duke of Beaufort 141833.....Earl of Dunmore
Sunbeam.....Bachelor of Arts 141830.....A. Cruickshank
Imp. Young Julia 3d.....

Address
for
Catalog

Lanaghan Bros., Charlotte, Ia. Col. Griff Johnston, Auctioneer.

Schaefer & Son's Short-horn Sale.

At Raleigh, Iowa, on October 17th, Messrs. F. A. Schaefer & Son will sell a draft of fifty head of richly-bred Short-horn cattle at their farm near town. There will be forty females and ten bulls in the sale and among these will be some well-bred Scotch cattle of both sexes. Altogether there will be about sixteen head of Scotch cattle, including the great imported cow, Celia 9th, and Duchess of Gloster 47th, a daughter of Imp. King James. The latter cow is bred to his Cruickshank bull, Choice of Archers. This cow has four of the very best imported sires at the top of her pedigree and she is one of the most richly-bred Duchesses of Gloster cows to be found in the state. Imp. Celia 9th is a beautiful light roan cow, and was bred by Mr. Geo. Campbell, Kinnellar, Aberdeenshire, Scotland, and she is a daughter of the Duthie-bred bull, Proud Star. She is a Miss Ramsden and a good one and is one of the great attractions in the Schaefer sale. She is safe in calf to Choice of Archers. Another good Scotch cow is Orange Lilly, a daughter of Godoy Butterfly and out of Orange Lassie by Imp. Master of the Rolls. She is in calf since May to Choice of Archers. Geranium 6th and Geranium 7th are two nicely-bred Gwendoline heifers, both sired by Golden Robin 204220. They are both out of Geranium 3d, a daughter of the Crawford-bred bull, Aberdeen. The first of these is bred to Choice of Archers. There will also be two nicely-bred Orange Blossoms among the good heifers that go into the sale. There is a good young heifer in this sale that is sired by Imp. Nonpareil and another by Golden Robin and both of these are out of Imp. Lady Laura 12th by the Marr-bred bull, Statesman. There are other good Scotch cattle in the sale, representing the Duchess of Gloster, Campbell Mina, Gwendoline, Orange Blossom, Miss Ramsden and Butterfly families, and our very best breeders can find foundation material for their herds in this sale. Quite a per cent of the sale offering will have calf at foot or will be well along in calf to their present Scotch bull, Choice of Archers, one of the best bred bulls and one of the best individuals among the younger Scotch bulls in northern Iowa. He is a son of Imp. Master Archer and out of Carmencita, a daughter of the Harris-bred bull, Gaveston. His second dam is by the Cruickshank bull, Gondolier, then comes Dunblane, Roan Gauntlet, Scotland's Pride and Lancaster Royal. The sire of this bull, Imp. Master Archer, was by the great Best of Archers, and he was also a full brother to Ceremonious Archer, now at the head of the Lowden herd at Mississippi Stock Farm. One of the best young bulls in the sale will be sired by him and will be out of Sittytton Lass by Sittytton Hero. He is a very low-down, thickly-made fellow and he resembles his sire in many ways. He is a red in color and belongs to the Louisa family that has been noted for the many good things that have come from that particular strain of Short-horns. They are also cataloging their Scotch bull, Bridal Archer, a thickly-made bull that they have been using at the head of their herd. They have issued a nicely-printed catalog and well illustrated for the occasion and will be

pleased to mail it to all those who ask for it. Kindly mention The Homestead when sending for it.

Erschen's Duroc Sale.

Mr. F. M. Erschen, of Odell, Ill., is offering an excellent lot of spring pigs for sale in his forthcoming auction, to be held on Thursday, October 11th. We wish this week to call attention to a few of the attractions of the offering. Long Duke is a spring yearling boar that has proven himself a good sire. He was sired by Longtellow 6815 (A) and his dam was Bright Star II. by Echo King. This sow was also the dam of Hanley, and Long Duke is a good deal the same type as that noted show and breeding boar. A fall yearling gilt is safe in pig to service of Long Duke and breeders in search of something good should not overlook this opportunity to get a good herd boar. The spring pigs are mostly sired by Just One 41977, he by Odell Boy; Comet, he by Gold Finch and out of an Oom Paul sow; Frank's Choice by Stoner's Improver. This boar is a litter brother to Fashion Boy, the sire of the highest priced gilt in Messrs. Deal & Schweizer's spring sale. A litter which is deserving of special mention is sired by Just One and is out of May Roberts 89022 by He's a Hero 11743. This sow came from the Wm. Roberts' herd and has produced some extra good things for Mr. Erschen. A litter by Tip Top Notcher and out of Rose O'Grady S. is one that will please buyers. Mr. Erschen is sending into the sale ring a fine lot of stuff and is deserving of the support of the best breeders, as he has been a liberal buyer in the best sales of the past season. Bids sent to Mr. D. M. Pierce in care of Mr. Erschen will be properly handled. Write for catalog at once, kindly mentioning The Homestead, as per advertisement on page 37, and arrange to be present sale day.

At the Oxley sale to be held at Bedford, Iowa, October 12th, will be some of the best cattle of the breed offered. These cattle will all be sold, as Mr. Oxley has recently gone into the hardware business and won't be able to give the stock the personal attention they deserve. In selling this herd it is with much reluctance on the part of Mr. Oxley. In looking over the catalog you will see the best blood of such noted animals as Hugh Elliott, McHenry's Blackbird, McHenry's Allen and plenty of other good sires and dams. In the consignment are thirty-eight cows, some with calves at foot, and fifteen good young bulls, including the herd bull, Hugh Lee, a good bull with all the beef points of a typical Angus. This sale is to be held under cover, and is the only pure-bred Aberdeen Angus cattle to be sold in southern Iowa this season. Some of these cows recently cost \$300. Breeders, farmers and anyone with the least intentions of purchasing cattle, should go to this sale, as everything is going to be sold without reserve or by-bid and all cattle will be put on the cars free of charge. The catalogs are ready. Address Mr. Geo. N. Oxley, or Roy Chambers, sale manager, Gravity, Iowa. Col. Silas Igo, and assistants, auctioneers.

... PUBLIC SALE ... OF REGISTERED SHORT-HORN CATTLE — AND HIGH GRADES —

I WILL offer at my farm two and one-half miles northeast of Newton, Iowa, on October 8, 1906, twenty-two head of registered Short-horn cattle, eleven yearling bulls and eleven cows, six of which have calves at foot, the remaining bred to the Cruickshank bull, Victor Alexander 2d. I will also sell twenty high-grade Short-horns, fifteen cows and heifers, all bred, and five steers. This will be the farmers' opportunity of a lifetime. Address for catalog

GEO. A. HANS, - NEWTON, IOWA.
COL. AL P. MASON, AUCTIONEER.

50 HEAD OF TOP DUROC-JERSEYS SELL AT AUCTION JOY, ILLINOIS, OCTOBER 16th, 1906.

Thirty spring boar pigs, good enough to head any herd, five summer and fall yearling boars that are sensational, ten fall gilts that will make sale toppers next winter. A few choice sows with litters by their sides. The spring pigs in this sale are sired by Desota's Model (the Kansas State Fair winner), Iowa Plummer, Prairie Acrobat, Champion Paul, Major R., Proud Advance and Tip Top Notcher. A FEW OF OUR SPECIALS—A summer gilt by Iowa Plummer out of Roycroft Interstate is an extra good one. Another good one by Iowa Plummer is out of Prairie Fancy. This is a very handsome sow, broad, long and square. She has a litter brother that is a great prospect. Plummer's Winner by Iowa Plummer out of Prairie Winner by Indiana is a fall boar that is phenomenal both in breeding and individuality. Three boars by Desota's model, out of Stoner Girl (the top of the Stoner fall sale) by Tip Top Notcher. A fine litter by Champion Paul out of Prairie Top Notcher by Tip Top Notcher that are something extra. One spring boar by Tip Top Notcher out of Daisy Kruger by Kruger. Here is a herd header. Another litter by Major R. out of McCabe's Dream by A Top Notcher, and a fine litter by Proud Advance. Write for one of the catalogs at once, mentioning The Homestead. Send bids to D. M. Pierce, representing The Homestead, in my care.

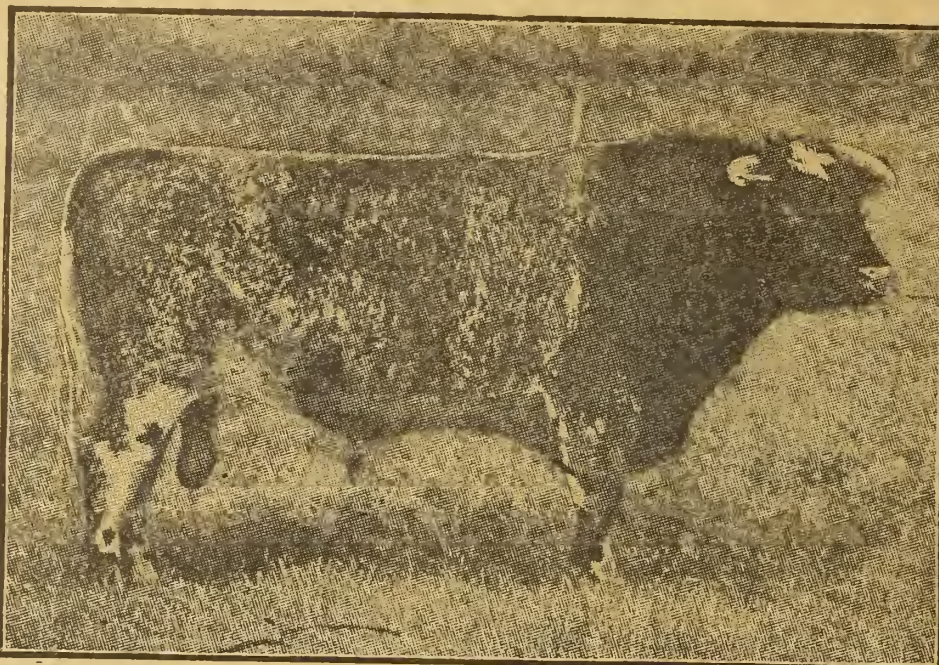
E. M. CASTLE & SON, Cols. Judd, McGowan & C. G. Kell, Aucts. **JOY, ILL.**

Dispersion of Woodland Short-horns

AT WASHINGTON C. H., OHIO, THURSDAY, OCT. 18th.

**100
HEAD**

Cattle of the
useful sort to
suit any breed-
er. For catalog
write to



CHOICE-OF-THE-RING 187237.

One of the best sons of First-in-the-Ring, out of Imp. Proud Fancy, one of the great producing daughters of Pride of Morning, gave Mr. Wood many of his best cattle. She sold for \$1,000 at the last Woodland sale to Colonel Lowden, for permanent service at Sinissippi.

CONSISTING of imported and home bred Scotch, Scotch Topped and pure Bates sorts, including the get of Imported First-in-the-Ring 162100 (sire of Master-of-the-Ring sold for \$1,705; Choice-of-The-Ring sold for \$1,550, and Lord-of-The-Ring for \$1,000, the three highest priced bulls, the get of one sire, bred and sold in United States in 1902). Choice-of-The-Ring 187237, Nominee (champion over all breeds at Omaha 1898), Imported Scotsman 195-164, Bapton Admiral 157-704, Scottish King 177889, Imported Scotch Mist 157-620, Woodland Sultan 214-546, and other noted bulls.

W. I. WOOD,

**Col. Woods, Barclay & Urton,
Auctioneers.**

WILLIAMSPORT, O.

Bulls in Woodland Dispersion

The Short-horn breeder who is in search of a herd bull will find in the Woodland dispersion sale, to be held on Thursday, October 18th, at Washington C. H., Ohio, the kind that will suit the most discriminating buyer. A dispersal sale, as is well known, gives to the breeder an opportunity to secure at his own figure animals that under any other circumstances could not be priced. Every noted herd has at the head a bull of rich breeding and rare individuality, as well as the ability to produce the class of cattle which have gained for the herd the reputation it sustains. In the case of Woodland herd, the property of Mr. W. I. Wood and his sister, no bull has ever done more to bring credit upon the herd than has Imp. First-in-the-Ring. His sire, Ringleader, was considered by many the best bull ever bred by Mr. Duthie. He was the sire of more prize-winning fat cattle in the British shows than any other bull. The dam of Imp. First-in-the-Ring was First Strawberry. Of this grand matron Mr. Duthie has the following to say in his 1905 catalog: "First Strawberry is dam of First Favorite, sold at 1897 sale for 200 guineas, and Mr. Wood's (Ohio) great stock bull, First-in-the-Ring, the sire of Master-of-the-Ring and Choice-of-the-Ring, which topped the American sales in Ohio, 1902; also of Mr. Bruce's (Heatherwick) bull, First Fiddle, winner of first and champion at Inverurie this year. Her last year's calf won for Mr. Rowland Wood first at the Northamptonshire show and first at the Short-horn Society's £10 prize at the Huntingdonshire show." She was also dam of Royal Choice sold in this October, 1905, sale for £420, or \$2,100. Mr. Wood rates Imp. First-in-the-Ring as one of the best breeding bulls in America. His get have always sold readily at remunerative prices and breeders should aim to secure a cow bred to this famous bull. We quote from a former catalog the following in regard to First-in-the-Ring: "First-in-the-Ring was never considered or thought of as an ideal show bull, or never fitted for show. His strong points are his well-spread ribs, deep length and thick body on fine bone, with a model head, a bright and 'quick-as-a-wink' eye, a great and sure indication of a good feeder. These strong points, along with his ability to stamp his progeny with his strong points, make them easily distinguishable among many cattle. Proof of this is to see his get, namely: Master-of-the-Ring 171376, sold for 1,705 at twenty months; Choice-of-the-Ring 187237, sold for 1,550 at twelve months; Lord-of-the-Ring 187238, sold for \$1,000 at sixteen months; Lord Russell, sold for \$600; First Emperor, sold for \$400; Thanksgiving, sold for \$400; Pride-of-the-Ring, sold for \$375; Chief-of-the-Ring, sold for \$295; Queen-of-the-Ring, heifer, sold for \$405; Rose-of-the-Ring, heifer, sold for \$305; and many others at from \$100 to \$295; also one cow and calf at foot for \$2,030, with others at \$1,100, \$625, etc., on down, making a strong record for a sire that only had a limited number of Scotch cows. Many of these were out of dams of plain-bred American sorts of the useful kind. Another gratifying fact is that the young First-in-the-Ring bulls are without exception giving their owners satisfaction." Next to First-in-the-Ring comes Choice-of-the-Ring. He was sired by First-in-the-Ring and was out of Imp. Proud Fancy, one of the best

producing daughters of Pride of Morning, that gave Mr. Wood many of his best cattle. She was sold for \$1,000 to Colonel Lowden for permanent service in his noted Sinissippi herd, at the last Woodland sale. Choice-of-the-Ring has sired some of the best heifers that are included in the sale. His pedigree cannot be improved and individually he is fit to head any herd. A roan in color, with strong, masculine head, very deep with good, level lines, great length and smoothness, Choice-of-the-Ring should please the breeder who is looking for a herd bull to use on good cows. Woodland Coronet, the third bull in service at Woodland, is a son of Bapton Coronet, a bull used with much success by the late C. L. Gerlaugh. Bapton Coronet was one of the best sons of the noted Silver Plate, a prize winner in many of the leading shows. The dam of Woodland Coronet is Imp. Scottish Nell, she by the Marr-bred bull, Scottish Champion. These herd bulls have done much for Mr. Wood and should be equally well for breeders who are in search of something good, both as regards pedigree and individuality. The younger bulls are in prime condition. They comprise a select lot and afford those who are seeking herd headers an unexcelled opportunity to secure the get of noted sires at their own figures. Mr. Wood's catalog contains numerous photographs of the cattle to be sold and should be in the hands of every breeder. Look up the advertisement on this page and write for catalog at once, kindly mentioning this paper. Further particulars will appear in these columns next week. Arrange to attend this noted sale.

Galloway Auction at American Royal.

Corn-belt and western breeders of Galloways have consigned a choice lot of females to the Galloway sale to be held under the auspices of the American Galloway Breeders' Association, October 11th, during the American Royal. The offering is not as large as has been in evidence in past years; however, the quality is very much superior. Thirteen of the cows will have calves at foot the day of the sale and several of them are bred again and are safe in calf. The remainder of the females are all bred and well along in calf. The entire offering consists of females in the prime of their usefulness and a large number of the cows have calves at foot; thus it should appeal to those desiring to purchase something that will grow into money rapidly. Mr. A. M. Thompson has contributed seven superb young cows. Two of them have fine hull calves at foot by Caleb Miller, which are recorded as Royal Boy and Choice of Nashua. Mr. Thompson has also put in his noted show cow, Highland Mary. She is one of the best breeding cows ever retained in the Nashua herd. She was purchased at the Lowe dispersion sale as a yearling when cattle were selling at very low prices, for \$825. The Clay Woods offering consists of three cows with calves at foot. Two of these are richly-bred young cows and both have fine hull calves at foot, six months old, and are bred again to Standard Royal, a son of Scottish Standard 15221. Scottish Rosalind, a Brookside-bred cow—the only Scottish Standard cow in the sale—has a fine hull calf at foot nearly a year old by the famous Brookside show hull, Chief 3d of Castlemilk,

and she is bred again. Messrs. Brown & Son have put in a very useful cow with a bull calf at foot by a bull that won second prize at the American Royal in 1905, and she was bred again to the bull that won second prize at the International in 1905. The other two females included by Messrs. Brown & Son are very choice and are well along in calf to the great show bull, Chief 2d of Stepford. The Michigan Premium Stock Company have consigned two cows that will have calves in November. Mr. Claude Attebery has contributed five choice female lots. They are all cows with calves at foot and several of them are bred again. Messrs. Matson, Bales and Wild have each consigned their show cows and Mr. Croft has sent forward his superb show cow, Miss Midget, and calf. Seldom has the association been fortunate enough to catalog such a choice collection of superior cows and heifers. The large number of cows with calves at foot is an attraction that should appeal to the breeder, farmer and stockman. This will be the only opportunity of the season for breeders to secure females to strengthen their herds. Those desiring to procure females that possess the best blood of the breed should arrange to attend the auction and obtain their wants at public prices. For catalogs and further information address Mr. Charles Gray, 17 Exchange Avenue, Chicago, Ill.

A Very Liberal Offer Made By This Well-known Firm.

The sale of Durocs to be held at College View, Neb., on October 16th, by Messrs. J. M. Morrison & Son, promises to be one of choice stock with good breeding and backed by a herd of ribbon eaters. This firm have made this wonderful offer to the breeders in general: Any sow selling for the sum of \$100 will entitle the purchaser to the free service of the great show and breeding boar, Kant Be Beat. This offer is an extremely liberal one, taking into consideration that the hogs sold by this firm are all worthy ones and from one of the greatest herds of ribbon eaters known to the breed. The offering alone carries as much quality and finish as you would ask to see in any herd. Messrs. Morrison & Son will have the best lot of pigs ever placed in a sale by them and it is up to the breeders to attend if they want choice stock. We could go back over the herd's great list of show sows, but will not take the space, as every breeder, as well as reader of farm journals has heard of this firm. Where can you find more show blood than will be offered here? Mr. Morrison started the show going by working up Interget in the great Ohio Chief. He has used this great hog in the herd and has as good a chance to have great returns as any man breeding hogs today. Ohio Chief should have made good in this herd if he ever did, and we are of the opinion that you will find them here. Fifteen husky hoars sired by Ohio Chief and out of the following sows should count for something: Village Pride by Improver 2d, Lady Top Notcher, Miss Bob (dam of Dan Patch and several good sows) and more of the good ones in the herd. Morrison's Bell Top comes in for his credit as a breeder. His pigs are very good and come from choice sows. They are big, strapping fellows and will make good herd headers and

valuable brood sows. There will be a litter by Pericles and out of a litter sister to Glendale Critic and a full sister to Crimson Wonder. We will not give a complete description of the entire offering in this issue, but will do so next week. We might add that the great Kant Be Beat has some of his get represented at the Ohio State Fair and won eleven firsts, eight seconds and four thirds. You will see how they get along when shown. The sale will be far the best offering ever shown by these gentlemen, and you are to be the lucky ones. Write for the catalog and post yourself. If unable to attend this sale send bids to Mr. G. W. Segrist, representing this paper. Remember you get an opportunity to buy from one of the greatest herds of great sows of this breed. If any breeder has license to get good ones from his crosses it should rest with our friends, Messrs. Morrison & Son, of College View, Neb. Don't forget the date.

Richly-bred Angus in the American Royal Sale.

The attention of breeders is called to the double Blackbird bull, Black Knight of Highland 5th, to be sold in the Aberdeen Angus Association sale at Kansas City, October 9th. This youngster was calved Jan. 1, 1905, was got by Imp. Blackbird Baron of Advie, a son of the noted Erica bull, Ephesian, and the Blackbird cow, Black Ida of Advie, by Kidnapper, the sire of the celebrated champion, Minx of Glamis. The imported sire represents the best of Ballindalloch blood and the dam of Black Knight of Highland 5th, Blackbird of Highland, is a daughter of Blackbird of Turlington 8th, the maternal granddam of Black Monarch of Emerson, the celebrated champion sire. It would indeed be difficult to find a better-bred Blackbird bull and we understand his individuality also entitles him to claims as a herd header. This bull is cataloged by Mr. T. J. McCreary, of Highland, Kan., and he also includes another yearling son of Imp. Blackbird Baron of Advie, King McCreary 4th, a Queen Mother descending from a line of prize-winning dams, and whose dam was got by the double Blackbird bull, Highland Hero, a full brother to the dam of Black Monarch of Emerson. Mr. W. J. Miller, of Newton, Iowa, consigns the show cow, Metz Ogarta, a daughter of the Blackbird-topped Rosebud bull, Wabash of Treaty. He also includes the yearling Drumlin Lucy bull, Elaine's Prince, by the Queen Mother bull, Black Prince of Estill, a son of Imp. Prince of Kerrera, and Lucia Estill 2d, a sister to Gay Lad. Elaine's Prince was from a dam by the noted Blackbird bull, Black Jam. Mr. W. F. Eckles, of Green City, Mo., consigns the get of the double Pride bull, Pride's Albion 5th, by the noted Pride of Albion. Messrs. McAdam Bros., of Holton, Kan., include a good two-year-old bull of the Kinnaid Fanny family and topped with the blood of the Prides, Ericas and Heather Blooms. The offering is not large, but is believed to be the best that has been made at Kansas City in several years and it furnishes an opportunity to obtain there some of the best specimens of the breed. The catalog can be obtained by addressing Mr. W. C. McGarock, Mgr., Springfield, Ill.

Closing Out Aberdeen-Angus Sale

AT BEDFORD, IA., FRIDAY, Oct. 12, '06

I AM closing out my entire herd of cattle, among which will be some of the best families known to the Aberdeen-Angus breed. Some good Rathbun, Drumlin, Lucy and Westertown lines will be found in the sale. It will be one of the best opportunities of the year to buy Angus cattle. Sale under cover. Catalog sent on application to G. N. Oxley, Gravity, Ia.

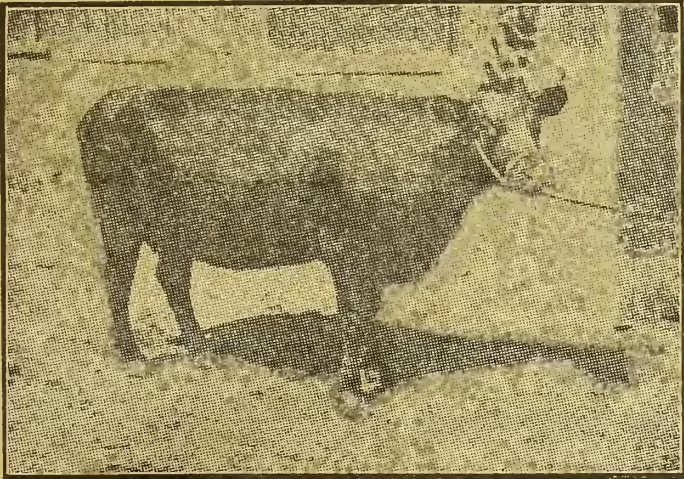
50

Head of cows and heifers, some with calves at foot and 7 bulls.
SILAS IGO and PIPER BROS., Auctioneers.

Last Call for Lanaghan Bros.' Sale of Short-horn Cattle.

The sale catalog has just come to our desk for Messrs. Lanaghan Bros.' sale of Short-horn cattle and Poland China hogs, to be held at their Lakeview farm, one and one-half miles west of Goose Lake, and three miles east of Charlotte, Clinton county, Iowa, on October 11th. This offering furnishes a splendid opportunity for those who contemplate the purchase of Short-horn cattle this fall, to find Short-horn cattle to their liking. Previous issues of The Homestead have contained articles that dwell at length on the quality of the herd bulls in use in this famous herd, namely: Sentinel, Imp. Royal Archer and Imp. Merry Hampton. Since the sale date has been claimed, some splendid

prize in his class and silver medal, as well as the two gold medals, for the best Short-horn bull, and H. R. H., the Prince of Wales gold medal, as champion bull of the breed at the Highland Agricultural Society's show at Edinburgh. The second sire was the Dublin bull Golden Ray, a son of the great Scottish Archer. This young bull, Hampton's Favorite, is sufficiently well bred to find a place in any herd in America. On page 35 will be found this bull's pedigree down to and including the imported cow. Below that, the breeders are Bruce, Cruickshank, Torr, Sterling and Smith. Inasmuch as this is our last opportunity to divert attention to this important sale, we would remind our readers that it is high time they were making application for a catalog, in case they are at all interested in this sale. In addition to the many good females



IMP. GLAD TIDINGS 3d.

This is one of the good Short-horn cows in the sale of Mr. Ira Cottingham, of Eden, Ill., which will be held in the new pavilion on his farm, two miles from Eden, October 9th. Imp. Glad Tidings 3d is a five-year-old cow by Prince of Beauty of the noted Diamond family. She has produced a heifer calf every eleven months since she was two years old and was bred February 20th last to Darnley's Best. Her blood lines are of the richest and she is a good individual. She will be sold along with thirty-four other good ones on the date above mentioned. The advertisement of Mr. Cottingham will be found on page 43 of this issue. Catalogs are now ready and will be mailed on application to Mr. Ira Cottingham, Eden, Ill.

cows of Scotch extraction have been listed for the sale that were not at first intended to go in this offering. One of these is Lot 10, Lady Alice. She was got by Baron Secret and her dam by Captain of Maine Valley. She traces direct to Imp. Lady Eden. This is a very large, growthy three-year-old cow, due to calve by sale time. She is one of the best things in the offering and is an attraction to any sale. Lot 11 is Park Queen. She belongs to the same family, and has some of the best Scotch bulls in the top of her pedigree to be found anywhere, namely: Baron Secret, Duke of Gloster, Imp. Confessor, Imp. Royal Hampton and Imp. Stanley. This is a very good and regular breeder, is six years old and sells with bull calf at foot. These Lady Edens or Fisher's Roans have produced some of the very best cattle in America. While the foundation was of English blood, many of them are nearer Scotch than the more recently imported Scotch cattle. Lot 12 is Lily O. K., sired by Baron O. K. She is topped off by practically the same Scotch bulls as Park Queen. She is a beautiful two-year-old red heifer, well forward in calf, and belongs to the old-established Lavinia family. Lily Scott by Young Scotchman is a handsome red four-year-old cow that sells with a beautiful calf at foot. Aside from the top sire, she is bred identically as Lily O. K., and belongs to the same prominent Lavinia family. Any of the above cows mentioned will be queens wherever they may go. As has been before stated, it was only recently that these cows were listed for the sale, and this was done in order to make the sale more attractive, and not because Messrs. Lanaghan Bros. cared to part with this class of stock from their herd. A splendid Scotch bull is offered in Lot 49, Hampton's Lad. This bull was sired by Imp. Merry Hampton and out of Duchess of Niagara 17th by Spartan Royal, he is a son of Imp. Spartan Hero. Spartan Royal's dam was that great cow of national renown, Imp. Princess Royal 6th by Border Chief. Much of the highest-priced Short-horn blood known to the breed on either continent will be found in this bull's pedigree. He is a roan, calved October 30, 1904. He has been used the past season, and has proved himself a sure breeder. Here is an opportunity to secure a splendid son of that illustrious sire Imp. Merry Hampton. Lot 46 of the sale catalog is Hampton's Favorite. This is a red bull, calved December 9, 1904, consigned by Mr. Frank Hunter. He is a straight Scotch bull. He also was sired by Imp. Merry Hampton and out of Imp. Golden Rose 4th; she by Cornelius. Cornelius was a Cruickshank Clipper bull, and a full brother to the undefeated Scotch bull Corner Stone, winner of first

and bulls to be sold, there is also another attraction because of the fact that four sons of the great Imp. Merry Hampton will be sold in this offering. We know of no other such opportunity to secure bulls sired by this famous old Short-horn bull, considered in his day of bloom to be the best Short-horn bull in America, from an individual standpoint. Mr. C. B. Duston scoured all Scotland in search of the best bull there, and selected Merry Hampton as that bull. Messrs. Lanaghan Bros. will be pleased to meet all Short-horn breeders and others interested in the breed, at their farm, on Thursday, October 11th, at which time Col. Griff Johnson will give them an opportunity to secure these cattle at whatever price they may see fit to place. We should have stated that the offering also includes Lanaghan Bros.' entire show herd of the year, with two exceptions.

Pleasant Grove Durocs.

Messrs. Hanks & Bishop, of New London, Iowa, proprietors of the Pleasant Grove herd of Duroc Jersey swine, write as follows: "We are now offering a fine bunch of males sired by such boars as Top Notcher Again, Proud Advance, Indiana Boy, Mayor Jr. and others of equal merit. If Homestead readers are looking for large, growthy hogs, backed by breeding and individuality, we have them. We have four by Top Notcher Again, dam by Indicator; two, dam by Buddy K. IV. (first and sweepstakes at the Illinois State Fair), sired by Mayor Jr., first in class at the same show. We also have others of equal breeding that are just as good. Satisfaction guaranteed." See advertisement on page 46.

Dorr's Tecumsehs.

Mr. Henry Dor, of Remsen, Iowa, in sending in change of copy for his Poland China advertisement, writes: "Hogs are doing well and are filling out to my entire satisfaction, and are the long, heavy-boned fellows. I have a splendid fall boar for sale, farrowed September 14th. He is sired by Tecumseh Keep On and is out of Miss Chief, one of my very best brood sows. Dor's Tecumseh weighs 690 pounds at not quite eighteen months of age, and is as smooth as a pig. I know I can suit most any man who wants a good, lengthy, heavy-boned pig." As Mr. Dor is one of the reliable Poland China breeders in the state we do not hesitate to urge our readers to buy of him, and we know that they will get a square deal and a good bargain for their money.

JOINT SALE HEREFORD CATTLE to be held on THE SUNNY SLOPE STOCK FARM. LAKE VIEW, IA., OCT. 11, 1906.

40---Recorded Herefords. 10 bulls, 30 females---40

All but about ten of the females are of breeding age and will have calves at foot or bred to have calves soon; the rest of the females are too young to breed yet. There will be no old cows offered. In the bull class there will be two aged bulls that have proved their worth as breeders. Their calves will be offered in the ring, showing what they can produce. The rest of the bulls are of serviceable age and good ones. Some of these cattle to be sold were shown at Sioux City this season without any fitting and won premiums in every class shown in. Sale will be held in seated tent, no postponement on account of weather. Place of sale only four blocks from C. & N. W. depot. Parties coming over the Illinois Central will be met at South Wall Lake.

Mr. Green is dispersing his entire herd without reserve. All of the cattle offered are in fine breeding condition, none spoiled by fitting. Send for catalog to Ben Broughton, Lake View, Iowa, or F. J. Green, Early, Iowa.

F. J. GREEN and BEN BROUGHTON, Proprietors.
COLS. GARY M. JONES, E. P. LAYMAN, W. T. THOMPSON, AUCTIONEERS.

ERSCHEN'S FALL DUROC JERSEY SALE. ODELL, ILL., OCTOBER 11, 1906.

THE offering will consist of spring boars and gilts, forty head, mostly sired by Comet 25965, he by the International winner Gold Finch, his dam by the noted breeding and showyard boar Oom Paul; Frank's Choice, he by Stoner's Improver, his dam Daisy Muller, a winner at 1903 International. Attractions: Litter by Tip Top Notcher, grand champion boar World's Fair; Litter by Buddy K IV 1st and sweepstakes boar Illinois State Fair 1905; Long Duke 4239, yearling boar by Longfellow and out of Bright Star II, the dam of Hanley. Quality with breeding predominates the offering. Write for catalog.

F. M. ERSCHEN, Col. Reppert and Kell, Auctioneers. **ODELL, ILL.**
Send bids to Mr. D. M. Pierce in my care.

THE PRIZE WINNING Duroc Jersey Sale of the Season. PORTSMOUTH, IA., OCT. 9, 1906.

I am offering 40 head in my sale, 35 BOARS and 5 GILTS, sired by the following noted boars:

Crimson Wonder I Am 2d, 3rd prize boar at Des Moines this year in the strongest yearling show ever seen at the state fair.
Tip Top Notcher, the sweepstakes boar at the great World's Fair and the boar that sold for \$5,000.
Ohio Chief 2d, One of the greatest sons of Ohio Chief. Pigs by other well known boars in this sale. Write for catalog. Address,

AUGUST VOGE, Col. Luther, Auctioneer. **PORTSMOUTH, IA.**

THE TOP NOTCHER-TIP TOP NOTCHER DUROC JERSEY SALE

HARLAN, IOWA, OCTOBER 13, 1906.

50 10 choice boars by old Top Notcher; 10 boars by Tip Top Notcher. Boars sired by Top Notcher, Chief 2d and 3 boars by old Orion out of Dandelion sows. A few choice sows and gilts included in sale. **50**

Top Notcher Chief 2d, the sire of many of the pigs in the sale won fourth place at Des Moines. I am putting in the best lot of Top Notcher and Tip Top Notcher boars that have ever been sold in the West. Some of the sows will have litters at foot. If you are wanting the best blood in the land it will be necessary for you to attend my sale. Catalog ready, write for it. Address.

AUGUST SONNELAND, HARLAN, IOWA.
C. C. KEIL, AUCTIONEER.

PUBLIC SALE of Burr Oak Poland Chinas Oct. 8 at Burr Oak Farm, Monday, Oct. 8

40 Head. Seven fall boars, five spring boars, seven mature sows with fall litters, three fall gilts, eighteen spring gilts. **40**

These are the get of Fillmore 29736, got by Chief Tecumseh 3d, and Oak Post 3462, a grandson of Harry Wilkes. The blood of the Tecumseh, Wilkes, Perfection, Black Chief and U. S. predominates. Burr Oak Farm is four miles northwest of Fillmore and about eight miles from Maitland or Nodaway on Burlington Ry., or Rosendale and Savannah on Great Western Ry. If you want the big kind with quality, come and see me. Catalogs sent on request. Address,

JOHN TUTTLE, FILLMORE, MO. J. West Jones, Auctioneer.

Northwest Iowa Duroc Jersey Circuit.

MOATS & SONS' DUROCS.

On October 16th, at Randolph, Neb., is the time when the tops of Messrs. M. S. Moats & Sons' Duroc Jersey herd will be disposed of. Their herd was out at the fairs this fall, both at Lincoln and Sioux City, and were among the most successful winners. At Lincoln they got second on Crimson Critic, one of the best sons of Glendale Critic, and he has coursing through his veins the best blood known to the breed. Quite a percent of the offering is sired by Duroc Challenger's Wonder, also a winner this year at the fairs. They are selling three male pigs out of Elmer M. by Malcolm's Model, and Lady Surprise sired by Critic's Echo by Glendale Critic, and another grand offering and most attractive pig out of old Orion and Edith Mc. He is extra in quality and has great size. They have two boars from Moats' Choice, a Gold Dust Jim sow, and sired by Duroc Challenger's Wonder. These two pigs are half brothers to Crimson Critic, the second prize winner at the state fair. Here is a pair that would be fit for any company. They are quality from start to finish, with the best of breeding. Here is another four out of Hawthorne, a Duroc King sow, sired by Duroc Challenger's Wonder. This is a February farrow, with great size, good color, standing on good feet and legs, free from wrinkles. This sow also has a junior yearling in the sale that can stand as good a write up as can be given. He is rich in color, good in size and is a cracking good one all over. He is sired by Duroc Challenger's Wonder. So don't be afraid to hit this sow's spring pigs and the yearling a good joint because they are something to be proud of. They also have five out of Chief Edith. She is from Edith Mc and Iowa Chief. This litter is sired by Crimson Critic. These are jam up good pigs and another good, choice offering is from Profit's Pride, a Daisy Profit sow, and Cherry Boy. A nice pig is sired by Chimes Advance, a son of Proud Advance. He is another arched-back, broad-shouldered fellow. One of the best offerings is a junior yearling from Roxy Girl 2d, a Duroc King sow. He is a Duroc Challenger's Wonder pig, deep sided, sound hams, well-sprung ribs, and in fact is all quality from head to tail. They have ten sows in this October sale. Two sows have litters by their sides sired by Chimes Advance. These are sired by Duroc Challenger and are good yearling sows. The pigs will be sold with the sows. Write for their catalog and mention The Homestead.

MILLER & BLACK'S DUROC JERSEY SALE.

On October 17th, Messrs. R. B. Miller and John C. Black will make a public sale at Randolph, Neb., and these two well-known breeders have pooled issues and have selected their very best pigs for this sale. They will sell about forty head, mostly boars. However, they will put in a few choice sows and a few good spring gilts. Their herds are strong in the blood of Orion, Dandelion, Crimson and Gold Dust Jim. Mr. Black has used a son of Glendale Critic and one of the most toppy fellows, at the head of his herd, and some of the things that go into the sale will be sired by him. Mr. Miller has selected his best boars for this event, and he will also put in a few good sows. The offering is made up of a lot of exceedingly well-bred stuff and the boys will be pleased to have everyone write for a catalog. Kindly mention The Homestead when doing so.

HOLMES' DUROC JERSEY SALE.

On October 18th, at Osmond, Neb., Mr. W. C. Holmes will sell forty head of Duroc Jerseys, consisting of ten head of aged sows, nine head of yearling sows, four head of fall and twelve head of spring gilts. Ten head are sired by Money Maker, a son of Red Chief and Duke of Marble Rock, and are bred to Stutts' Wonder and Young Orion, two very excellent boars that can be seen on sale day. One of these sows is a half-sister to the noted boar, Gold Dust Jim, that was sweepstakes boar at the Iowa State Fair two years ago. Among the sows that go into the sale is a daughter of Liberty Jim, the sire of Gold Dust Jim; two by Long John, several by L's Choice, a couple by Glendale Prince, one by Orion and several by Acme, a son of Red Chief W. C. All the young stuff is sired by Stutts' Wonder, Money Maker and Young Orion. Mr. Holmes is putting in a lot of well-bred Durocs and there will be some choice boars and sows in his offering. There will be one yearling boar sired by Liberty Boy, six fall boars by Stutts' Wonder, four spring boars by Critic's Wonder and two spring boars by Liberty Boy's Challenger, and there are some good, useful boars among the number. Write him at once for a copy of his catalog.

MIHILLS' CLOSING OUT SALE.

On October 19th, at Norfolk, Neb., will occur the closing out sale of Mr. M. Mihills. He will sell his entire herd, including Jack Orion, a son of old Orion, together with several daughters of Orion and Dandelion. He will sell a granddaughter of Proud Advance in the sale and several granddaughters of old Orion. He also sells Cherub Boy, a grandson of Hambletonian, and he is a yearling. A good fall boar is called Cherub Boy 2d by Cherub Boy. He sells Maud Orion and Kate Orion in this sale, and they are something that any of the boys can afford to buy. There are ten gilts out of Maud Orion, Kate Orion and Bell Echo Belle. The Orion sows' gilts were got by Bell Echo Prince and the Bell Echo Belle gilts are by Jack Orion. Bell Echo Belle is a granddaughter of Nebraska Bell, and Bell Echo Prince is a grandson of old Queen. There are six March boar pigs of the same breeding, also a number of April boar and sow pigs from Lady Surprise and Lady Black, sired by Tighes' Challenger and Liberty Boy's Challenger. There will be included in the sale about forty or forty-five head. Everything goes that is in sale shape, as he is going to retire for a while at least, on account of his health. We have seen Mr. Mihills' herd and can truthfully say that he is putting in a splendid lot of Durocs, whose breeding is strictly in the front rank. As this is a closing out sale it will be an excellent place to be on sale day. Write for catalog at once and mention The Homestead.

Combination Sale of Durocs.

On October 17th, will be the combination

sale of Durocs sold by three reliable breeders of this type. The three gentlemen have each decided to offer the very best stock they have on their premises and you are the ones that will receive the benefit of such a sale. The entire lot will number about fifty head, consisting of fall and spring boars and sows. As to breeding we will leave it to you. As to individually we will say that you will not be disappointed. Mr. A. Wilson, of Bethany, Neb., consigns fourteen head of royally-bred animals from his herd. These same animals will be sired by such boars as the great Ohio Chief and the one litter in mind is out of the top sow, Morrison's Peach, she by Crimson Wonder. Mr. Wilson topped the sale last winter at \$410. He will also have some choice ones sired by his great breeding boar, Aethelred, by Tip Top Notcher. This sire is pronounced one of the best sons of the \$5,000 Tip Top Notcher. His pigs are good and will please you. Then he has a very nice litter sired by Morrison's Bell Top. These are good and you will like them. Mr. Wilson is one of the promising breeders of the West and his crop of pigs show that he is posted on his business. Mr. W. A. Kirkpatrick is well known to the breeders and we need not go into his history, as his reputation will stand without any doubt. This breeder consigns seventeen head from his herd, of which Crimson Wonder is the sire of two and his brother the sire of two, while Combination comes in for one and Fancy Crimson has twelve in the lot. Taking the boars as they come we will say that the great Crimson Wonder sired some choice get and this same blood has made good in the best show rings of this country. Mr. Kirkpatrick was very unfortunate when he lost the hog. The Crimson Wonder get are scarce and it is now up to you to look to Mr. Kirkpatrick to get the choice ones he will offer on sale day. Crimson Wonder's Brother was a good sire and has made good on several occasions. The two in this offering by him will please you. The one pig sired by Combination should be a good one. This is the same blood that topped his sale last year and the spring pig sold for \$280. Fancy Crimson has sired some choice pigs and carries with him the honor of being a winner at our state fair last fall. He passed away recently and leaves only a few pigs to represent him in this herd. The ten spring boars are good, even fellows and show the Crimson Wonder feature. Mr. Kirkpatrick will have some good ones to offer you. Mr. E. K. Young, of Havelock, Neb., is one of the younger breeders who has made good among the best class of breeders. His offering is as strong as any consignor and his pigs represent some choice sires. He will have twenty head from his herd. These will be sired by Luther H., he by Hambletonian, the boar that won first at Nebraska and third at St. Louis. Luther H. was a winner at the Nebraska State Fair this fall. He is a hog of good length and growth, with good, strong back and good head and ear. His get will please you. Others in the herd are sired by Belle's Echo, (one of the greatest sires of the breed), Malcolm Model, Morrison's Bell Top and Wont Be Beat. The entire offering is strong in blood and individuality. Morrison's Bell Top is a son of the great Nebraska Belle. The Wont Be Beat litter is good; the grand sire, Kant Be Beat, recently sold for \$2,500 to one of Nebraska's best breeders. Mr. Young & Son will not have any excuses to offer on sale day. The offering will speak for itself. This combination will afford you an opportunity to select some royally-bred animals. You can find them in goodly numbers. For catalog, address any one of the three breeders mentioned. Look up display advertisement.

A Letter to Hereford Breeders.

To the breeders and users of Hereford cattle:—I write you concerning the sale of registered Hereford cattle to be made by Mr. Frank Rockefeller, at the Fine Stock Pavilion, at Kansas City, Mo., Wednesday, Thursday and Friday, October the 17th, 18th and 19th. Having been to Mr. Rockefeller's ranch, at Belvidere, Kan., several times during the past summer and having helped in selecting the cattle for this sale, I write to ask you to attend and to assure you that you will find an offering of Hereford cattle that in breeding can not be surpassed by any breeder in the United States. Never before in my experience of the handling of Hereford cattle have I seen a catalog published with the get of so many grand sires offered therein. In fact there are animals in this offering sired by nearly all the great Hereford sires of recent years. The cattle will come to the sale ring direct from the pasture and will be in only moderate condition, but I believe this condition is better for the buyer than as if they had been fed grain for the past four or six months and put in show condition. The fact that the cattle will be sold in this condition and that there is such a very large number of them will mean great bargains for the buyers. In my judgment there has not been a time in twenty years that promised so much for the buyer of pure-bred Hereford cattle as the present. In the first place Hereford cattle are selling at a lower price today than I have seen for twenty years and nearly every range man in the country is trying to dispose of his cows and get out of the cow business. If he keeps any cattle at all he is going to keep steers and I want to suggest to the range men right here that someone has got to raise those steers and I do not believe there is a better investment today in the cattle business than the purchase of a good cow herd, whether it be pure breeds or simply for range purposes to raise steers from. Mr. Rockefeller for years has been one of the best buyers of Hereford cattle we have had at our sales, and in buying to whose herd it came from, so that it possessed individual merit and a good pedigree. While he does not ask any consideration at your hands on this account, I suggest to you that the Hereford breeders owe Mr. Rockefeller some consideration for his liberal patronage and assistance to the breed and I shall consider it as a personal favor to me if the breeders and users of Hereford cattle will attend this sale. Very truly yours, C. A. Stannard.

The Homestead and The Homemaker \$1.25 per year.

..... 40 HEAD OF SCOTCH AND SCOTCH TOPPED

I SHORT-HORNS I

AND 35 HEAD OF POLAND CHINAS

WILL BE SOLD AT AUCTION IN THE STOCK PAVILION AT
LAUREL, IOWA, TUESDAY, OCTOBER 16, 1906.

Twenty-five grand breeding cows safe in calf to the good Scotch herd bull or the prize winning show bull, King Victor, also a few open heifers. Nine bulls old enough for service including the first prize senior calf at Des Moines. Also my Scotch herd bull, Royal Raven. Thirty-five head of Poland Chinas of both sexes. Fall yearlings and spring pigs with a few tried brood sows, some of the best blood known to the breed. Parties coming over the C. M. & St. P. will find free conveyance from Ferguson on the morning of sale. The trains for Laurel will make connections with both the north and south bound passenger trains on the Iowa Central at Newburg on morning of sale. The hogs will be sold before dinner. The sale commences at 10:30. Lunch at noon. Terms cash or bankable notes at 8 per cent. For catalog, address

F. W. AKERS, - LAUREL, IOWA.
Cols. Geo. P. Bellows and Al P. Mason, Aucts., assisted by Houghton, Gowdy and Albers.

45 HEAD 45 OF HIGH CLASS

Aberdeen Angus Cattle

Will be sold at my farm, three miles northwest of
Quimby, Cherokee County, Iowa,
THURSDAY, OCTOBER 18, 1906.

.... 35
Females

.... 10
Bulls

**Representing
the very best
strains known
to Angus
breeders.**

THERE will be three Blackbird cows in the sale and two of them will have calf at foot. There will be four Pride cows and three of these will have calf at foot. There will also be two Ericas in the sale and two Heather-blooms with calf at foot. There will be nine Janetts and four of these will have calf at foot. The balance are of the most noted families. The calves are all sired by Cherokee Blackhawk 5921 and Imp. Edward R. 61744. All cows of breeding age will be bred to Cherokee Blackhawk 59521 and Edewall 85748, a son of Imp. Edward R. Cattle will be sold off grass without any pampering, but will be in good breeding condition. Catalog now ready. Write for it. Address,

**Blackbirds
Prides
Trojan
Ericas
Heather-blooms
Janetts
and other
popular families**

W. H. Jones, Quimby, Ia.

Colonel 160, Auctioneer—Kindly mention Iowa Homestead when writing for catalog.

Great Three Days' Sale in Clay County, Ia.

This will be the last time that we can call attention to the big three days' sales of pure-bred cattle to be sold in Clay county, Iowa, early in October. Commencing on Wednesday, October 10th, Mr. Wm. Hansen, of Dickens, Iowa, will sell fifty head of registered Angus cattle, consisting of forty-five cows and heifers and five bulls. That well-known breeder of doddies, Mr. Wm. Mincer, of Spencer, Iowa, will manage this sale. This is the first offering of Aberdeen Angus cattle that Mr. Hansen has ever made to the public. It is a good lot of honest cattle in plain, farmer condition. The females represent such families as Queen Mothers, Prides, Heatherblooms, Westertown Roses, etc. The present herd bull used by Mr. Hansen is the Trojan Erica bull, Imp. Enstamp. This is a splendid prospect for a good herd bull. He was sired by the Highland Society winner, Buttress, he by Diplomat and he by Prince Iliad, while his dam was out of the great cow, Eclipse, a daughter of Prince Inca and she by Iliad. More aristocratic blood could scarcely be wrapped up in one bull. This offering embraces some beautiful cows and heifers in calf to this great bull which should be an attraction that should command the attention of breeders throughout the middle West. No. 2 of the catalog is one of the choicest-bred Blackbird bulls to be found, Baron Blackcap. He is a son of Edward R. and out of Blackcap's Maid. We speak of this bull and his superior breeding for the reason that the females are all bred to him or the Trojan Erica bull previously mentioned. This is pre-eminently a breeding offering. Only a few bulls are offered but they are all good, strong, husky fellows ready for service at this time. Included in this offering are some nicely-bred Heatherblooms descending from the old T. W. Harvey stock. One of these is Heatherbloom of Woodlawn, a daughter of Wellington and out of Heatherbloom of Turlington. This cow was a daughter of the great Black Knight, probably the greatest Angus bull that this country has yet seen. Heatherbloom of Turlington was third prize-winner at the Columbian Exposition and was suckling a large calf at the time. She was shown against her more bloomy sisters, Abbeess and Progress of Turlington, whose bloom had not been impaired by calf-bearing. These Heatherblooms, in the hands of Messrs J. Evans, Jr., and Son during their career as Aberdeen Angus breeders, were considered the most prolific and profitable family of doddies in their entire herd, although it contained large numbers of the fashionable Blackbird, Pride and Erica families. As Mr. Marion Evans once said to the writer, the Heatherblooms are the working cattle of the herd. An offering of Aberdeen Angus cattle in this section of Iowa is comparatively new, and for this reason we anticipate that at this Clay county sale a splendid opportunity will be offered buyers of northwestern Iowa, southern Minnesota and eastern Dakota to secure the ever popular Aberdeen Angus with little expense and only traveling a short distance to this sale. A representative of The Homestead has viewed the cattle to be sold and considers them a practical, useful lot. On October 11th Mr. J. W. Graham will sell at his farm six miles north of Spencer fifty head of choicely-bred Short-horn cattle, including a lot of good Scotch blood. Mr. Graham will sell thirty-three females, among which are a half dozen or more good Scotch cows of the famous Cruickshank Dorothy family. Unfortunately, we have not yet received Mr. Graham's catalog, and for that reason cannot enter into detail concerning the breeding of the cattle. However, this is of little import at this time because of the fact that lovers of Short-horns, in order to properly study the blood lines of this offering, should send to Mr. J. H. Graham, Spencer, Iowa, for the catalog. The best of Scotch herd bulls have been maintained at the head of his herd, such as Champion, the great Cruickshank bull that made the herd of Mr. S. G. Crawford, of Lohrville, Iowa, and the great Scotch bull, Orange Oakland, a splendid Orange Blossom bred by Mr. H. D. Parsons, of Newton, Iowa. Mr. Graham is simply selling these fifty head of cattle because his herd has grown to proportions where he cannot well take care of them. This speaks volumes for the breeding qualities of this herd, as all the animals are rapid, prolific breeders of good, useful Short-horns. Heavy milkers are in evidence, which is a point not to be overlooked in selecting good breeding cattle. It has been very wisely said by that prominent breeder of Scotch cattle, Wm. Duthie, of Collynie, Scotland, that his best breeding cows were his heaviest milkers. Mr. Graham has conducted his breeding operations on common-sense lines and has cared for his cattle in the plain, matter-of-fact farmer's style that is conducive to the preservation of the breeding qualities and the longevity of the herd. On Friday, October 12th, will occur a dispersion sale of Short-horn cattle at the Clay County Poor Farm, three miles west of Spencer. The board of county supervisors have decided, through their manager, Mr. A. F. McConnell, to throw their entire herd of choicely-bred Short-horns on the market, concluding the three days' series of sales to be held in that locality. Mr. McConnell informs us that the cattle to be sold have never been over-fat, but have been kept in working condition from the time the herd was founded until now. These cattle would no doubt show better and sell better were they heavier in flesh, yet we do not wish in any way to convey that they are poor or poverty-stricken, because such is not the case. They are in first-class breeding condition and have been carefully inspected by a Homestead representative, who regards them a very practical, useful lot. A large number of the cows will be sold with calves at foot, and others showing that they are well advanced in calf to good bulls. A liberal guarantee is made by the board of supervisors which will fully protect any and all who buy these cattle. No Scotch cattle are offered, and no pretensions are made to an exceptionally fashionable breeding offering. However, they are clean, business cattle that have been profitable to the county farm, but they find themselves over-stocked and to some extent at a disadvantage in handling registered cattle on a county farm; hence this dispersion sale. The three days' circuit of sales certainly affords a good opportunity for buyers to secure some good, useful cattle at the expenditure of one trip. It should

be borne in mind that the Angus sale of Mr. William Hansen will be held at his farm adjoining Dickens, Iowa, October 10th, and the following day Mr. J. H. Graham, six miles north of Spencer, sells fifty head of Short-horns, and the Clay County Poor Farm, three miles west of Spencer, sells an equal number on the following day. The catalog of the Clay County Poor Farm will be mailed free on application to Mr. A. F. McConnell, Spencer, Iowa; application for Mr. J. H. Graham's catalog should be made to him at Spencer, Iowa; while application for Mr. William Hansen's catalog should be made to Mr. William Mincer, Spencer, Iowa.

Cottingham's Sales.

The breeder of Short-horn cattle or Poland China swine should arrange to be present at the forthcoming sales to be held at Eden, Ill., on October 9th, by Mr. Ira Cottingham. This breeder needs no introduction to readers of The Homestead, for during the past few years he has been breeding Short-horns and Poland Chinas of exceptional merit. Stock purchased from Mr. Cottingham does well for others, hence breeders may feel sure that in this lot, the best Mr. Cottingham has offered for sale at public auction, they can secure something which will be profitable to them. In these columns last week we called attention to a few of the females consigned to this auction. There are few families in Mr. Cottingham's herd and in fact in any herd that have produced more good cattle than have the Sareptas. They come from a Cruickshank Secret foundation and are individually of the type that is profitable. For several years this family has been maintained in the herd and a very even, thrifty lot they have been. Sarepta Minnie 5th is a two-year-old daughter of Champion Archer and is safe in calf to Proud Prince, a son of Golden Charity Prince, the well-known bull at the head of Mr. W. B. Riggs' herd at Mt. Sterling, Ill. Sarepta Pride 16th is a very nice two-year-old heifer that should go into some good herd. She is safe in calf to service of Proud Star 2d. Sarepta Lady 8th is another good one of this profitable family. Another lot of heifers which will please those in attendance sale day belong to the Duchess of Gloster tribe. They are a thrifty lot and are bred to Proud Star 2d. Mr. A. W. Christopher, of Canton, Ill., consigns several good cattle that will please discriminating buyers. The Poland Chinas consigned by Mr. Cottingham for this sale are the best lot he has ever sold publicly. They are uniform in size and color, large and growthy, with plenty of bone and stand on the best of feet. The fall gilts are sired by Harcourt 94568, he by Faultless Perfection Jr. and out of some of Mr. Cottingham's best sows. Large, strong litters have been the rule in this herd. A few of the fall sows are bred, while others are sold open. Last year Mr. T. W. Walker, of Mazon, Ill., bought a bred sow of Mr. Cottingham and the following letter is self explanatory: "The sow I bought at your sale did fine. She raised nine extra good pigs in first litter and I sold them for \$225. She has a nice fall litter now." What Mr. Walker has done anyone can do. The Poland Chinas are in prime breeding condition and have not been pampered, but will result in much profit to those who secure them. Those who cannot be present on sale day can send bids to Mr. D. M. Pierce, representing The Homestead, in care of Mr. Cottingham. Write for catalog at once, kindly mentioning The Homestead, as per advertisement on page 43.

Wehr's Duroc Jersey Sale.

On October 20th at Portsmouth, Iowa, Mr. J. E. Wehr, a breeder well and favorably known throughout the West, will make a public sale of forty head of Duroc Jerseys. There will be twenty-five choice spring boars and about fifteen spring gilts, and a few brood sows. The offering will be mostly sired by Munson's Perfection, Orion's Model and Proud Advance Again. He will sell Proud Advance Again, the boar that won third prize at the Interstate Fair, and one of the best boars ever sired by Munson's Perfection. This boar has a good head and ear, and is a good, all-round hog. He was first prize hog in his class at the Minnesota State Fair, so some good breeder will have a chance to secure a herd header. He is putting in a lot of boars sired by this same hog and out of his best brood sows. He also sells six good fall boars sired by him, and one by Orion's Model, the boar he won on at the Iowa State Fair last year. He sells some good fall and spring gilts sired by the above boars, and these are very good and will make nice brood sows. Six of the Orion Model spring boars are out of a daughter of Roosevelt and there are a few very lusty fellows out of Lulu Advance, the dam of Proud Advance Again. Mr. Wehr has selected the very best of this year's raising for this sale, and he has made every arrangement to take care of the boys. His sale will be held in a comfortably-heated sale tent, and those who want a good boar or a few nice gilts will be able to get them in his sale. Write for catalog and mention The Homestead.

Roy Rockwell's Poland China Boars.

On page 32 of this week's issue will be found the advertisement of Mr. Roy Rockwell, of Paulina, Iowa, one of the best-known Poland China breeders in northwest Iowa. He is now offering a good bunch of fifteen spring boars and one fall boar for sale. The spring boars are sired by his old boar, Empire Chief 2d 90645, and Empire Thicket 102647. He has a good litter by the first-named boar and out of a sow called Ohio Quality, one of his best brood sows. The fall boar is quite a good one, and he is pricing them right. He is sired by Acrobat 71003, a son of Proud Perfection, and he has for a dam a daughter of Empire Chief. The average man will not go wrong in buying this fellow, and he is worth what is asked for him. Mr. Rockwell is a good judge of a hog, having served in that capacity at the Interstate Fair last year. He is therefore competent to describe a pig and knows just what he has. We know of no breeder who is more reliable than Mr. Rockwell, and he will treat you right if you send him an order.

SALE OF SHORT-HORN CATTLE

BY J. Z. WILLSON AT

...MORNING SUN, IOWA, OCTOBER 10, 1906...

On the above date I will sell in the new pavilion 57 head of Short-horn cattle, 47 of which are females and 10 bulls. These females are all reds and all well Scotch Topped. They are largely of the Ruby family, topped out with such grand good bulls as Scotchman 128117, Lord Nonpareil 225698, Village Prince 161575, Darnley's Best 232104, Lord Darnley and Plumed Knight, the last named being the best Cruickshank bull that ever did service in or around Morning Sun. He was got by Knight of Orleans, a son of Craven Knight and out of Imp. Gwendoline by Baron Violet. It will be thus seen that the bulls in the top of these pedigrees are some of the best Scotch bulls that the country has seen in many years. These cattle will be sold fresh from the pasture without any special fitting and no surplus flesh. The writer has had the pleasure of looking over this entire offering quite recently and regards them as a very rapid breeding herd as well as being heavy milkers throughout. Mr. Willson guarantees all females breeders when properly cared for. A certified copy of each and every lot sold will be furnished on day of sale signed by the Secretary of the American Short-horn Breeders Association. Mr. Willson is a plain, practical farmer and breeder and has made no effort to place these cattle in strictly thick, fancy sale condition. However, they are in condition to breed rapidly and to give best results to their new owners. One seldom sees a bunch of cows of like number with as many calves at foot or just ready to drop calves as can be seen in this offering. The herd is in thrifty breeding condition and will afford a golden opportunity for the young breeder to start a herd cheap, as well as getting into a family of very rapid breeders and heavy milkers. It is this same family that Mr. W. T. Clay, of Plattsburg, Mo., made his reputation on. Mr. Clay started with one Ruby cow and in 17 years from her and her produce, had produced 237 head. Fully 15 of the cows listed have calves at foot and a number of others will have calves by sale day. Concerning the milking qualities of these cattle, one of the cows listed in the sale gave 1100 pounds of milk in 30 days. This cow was Ruby 3d by Dick Bly 2d. The present bull to which these cows are bred is Prince Joyful 262020. He is a son of Emma's Prince and he out of the great \$1700 cow Emma 17th. The dam of Prince Joyful was Anemone 2d by Count Joyful. As has been before stated, it is pre-eminently a red offering. We do not speak of this because of the reds being superior to the Roans or Whites, but because of the fad for Reds in the minds of some. To any one who is tenacious for the red colors Mr. Willson's offering affords them a splendid opportunity to secure the color of their choice. His catalog is out and ready for distribution and may be had for the asking by simply mentioning The Homestead. In our next issue we shall have something to say concerning the bull offering and particularly some Scotch bulls that are listed in the sale.

Scotch Blood Predominates on the Best Bates Foundation.

B. G. STARK'S SALE OF SHORT-HORN CATTLE

At the Fair Grounds

HUMBOLDT, IA., TUESDAY, OCTOBER 16, 1906.

I AM putting about forty head of cows and heifers and ten bulls in this sale. The bulls are a choice lot of well developed, strong and vigorous young animals. Twelve of the cows will have calf at foot by the Scotch bull Commodore 2d, and some will be rebred to Mysie Lad, my present Scotch bull. Among the bull offering will be two grandsons of Imp. Leyburn, one of the best bulls ever used in my herd, and one of the best bulls ever used in the state of Iowa. I am putting in a most excellent bunch of Standard Fibre heifers some of which are bred to Mysie Lad. I am putting in a splendid lot of useful money-making Short-horns of the very best families. Write for catalog, mentioning Iowa Homestead.

B. G. STARK

Col. F. M. WOODS,
Auctioneer.

LIVERMORE, IA.

F. A. Schaefer & Son sell a draft of Scotch and Scotch Topped Short horns at Raleigh, Iowa, on October 19th.

Last Call for J. Zach Willson's Sale of Short-horn Cattle.

This is our last opportunity to call attention to the prominent sale of Short-horn cattle to be held in the sale pavilion at Morning Sun, Iowa, Wednesday, October 10th, by Mr. J. Zach Willson, of Morning Sun, Col. Griff Johnson will officiate as auctioneer. At this time Mr. Willson will sell fifty-seven head of Short-horn cattle which carries with it almost his entire herd. The offering is divided as follows: Forty-seven head of females and ten bulls. Mention having been previously made of the females, we now mention some of the bulls to be sold, one of which is the Scotch bull, Gloster 252773. This bull was calved December 1, 1904, got by Village Prince and out of Canadian Duchess of Gloster 23th, she by Imp. Indian Chief. Village Prince, the sire of Gloster, was a splendid Scotch bull, got by Imp. British Prince and out of Village Beauty by Sitty-ton Chief. Village Beauty was the best breeding cow ever owned by Mr. A. Alexander during his prominent days as a Short-horn breeder. Gloster is a short-legged, thick bull, lacking somewhat in flesh, but is one of the shortest-legged, heaviest-boned Scotch bulls in Iowa. He has a splendid bull's head, chuck full of Short-horn character and will unquestionably make a great sire. Certainly no bull could have a better pedigree than this fellow. He is solid red and comes of red ancestry on both sides. To the party who is looking for a good Scotch bull and expects to buy him cheap, we could certainly say keep this bull in mind. There are nine other good, strong young bulls, all Scotch topped, four of which are by that splendid bull, Lord Nonpareil. One is Plumed Knight's Last. One is by Lord Darnley, one by Darnley's Best, one by Scotchman 7th and one by Butterscotch, a son of Scotchman and out of Queen Butterfly by that great bull, Plumed Knight. Mr. Willson is presenting this bunch of sale cattle in practical breeding condition only. The cattle are thrifty, fresh from the pastures, with no special fitting other than nature's feed. In all our acquaintance we know of no herd that has furnished more heavy milkers or rapid breeders. It is pre-eminently a farmers' business herd. Mr. Willson is desirous of having all Homestead readers fully notified of the fact that this sale will be positive and without any protection. Weather conditions will not postpone the sale, as it will be held in the new frame pavilion in Morning Sun. In order to make this sale, Mr. Willson has had to draw so heavily on the herd that it means almost a dispersion. As was stated in last week's Homestead, the females are entirely a Scotch-topped lot, principally of the Ruby family. There are, however, three Roan Duchesses which are Lots 23, 24 and 25 of the catalog, the first twenty-two being Rubys. These Roan Duchesses are as richly and royally bred as any of this family found in the herd books. Lots 26, 27 and 28 are choicely-bred Young Marys. Lot 30 is a Duchess of Sutherland sired by Lord Darnley and out of a dam by Plumed Knight. Lot 31 is a thrice Scotch-topped Rose of Sharon. Col. Griff Johnson will sell these cattle for Mr. Willson and will certainly have the pleasure of disposing of as prolific and heavy-milking a herd as has been sold in Iowa in recent years. The cattle are just in nice condition to continue to improve in the new hands to which they may fall. Everything of sufficient age has calves at foot or shows heavily in calf to the Scotch bull before mentioned. We would certainly impress our readers with the fact that this is a golden opportunity to secure some cheap but useful Short-horns. No high prices are anticipated, from the fact that Mr. Willson is not widely known outside of eastern Iowa. This will, of course, militate to his disadvantage, but to the advantage of the wise buyer. Send at once for a catalog to Mr. J. Zach Willson, Morning Sun, Iowa, mentioning The Homestead.

Sale of Flatland Short-horns.

On Tuesday, October 16th, Mr. F. W. Akers, of Laurel, Iowa, will sell in the Laurel new stock pavilion a choice lot of Short-horn cattle. Mr. Akers has been breeding Short-horns in a modest way for a number of years and has achieved more than ordinary success. His exhibition at the Iowa State Fair and his winnings on the beautiful young bull exhibited, is evidence of the high character of stock that he will list for this sale. In addition to the choice string of Short-horns to be sold on the above date, he will also dispose of some good registered Poland China hogs, among which are some royally-bred ones from the standpoint of up-to-date breeding. We note among the Poland Chinas such noted boars as Meddler, Top Chief, Chief O. K., Chief Perfection, Iowa's Perfection, Chief Tecumseh 2d and Old Butler's U. S. and a host of others of equal note. Mr. Akers will sell a few straight Scotch cattle which will be an attraction for all lovers of Short-horns. Among one of the attractions is Gloster's Queen. This beautiful young cow will be four years old October 25th. She was sired by Lord Gloster, a splendid Cruickshank bull of the Duchess of Gloster tribe, while his sire was the show bull, Imp. Banker. Gloster's Queen traces to Miss Ramsden by Duke, while they are sometimes called Louisas. However, to the young breeder we can say that this family of cattle called Centennial Isabellas, Louisas or Miss Ramsdens, are one and the same thing. They are all founded on the cow, Miss Ramsden, by Duke (3639). Some of the top bulls used in this cow's pedigree are as choice as the herd book affords. Following her sire, Lord Gloster, we find Scarlet Velvet, Royal Booth 2d, High Sheriff 2d, then the Cruickshank bull, Wellington; then the Campbell bull, Nobleman, then the Cruickshank bull, Diphthong. Such cows as this are seldom offered for sale, except in the dispersions where everything is listed. The reason that such cows as this and the other good ones listed are offered for sale is that Mr. Akers did not believe that he could afford in his first annual sale to put in all cheaper cattle. Hence he has decided to strip the herd of many of the best females in it in order to make this sale attractive. The offering contains straight Scotch and Scotch-topped cattle of the combined type of best, show yard and milking Short-horns. The show cattle of this year are included in the sale and everything that is listed in this sale will be

sold. A liberal guarantee is thrown about each and every animal offered. Cows sold with calves at foot or showing safe in calf are regarded as breeders, and Mr. Akers places no further guarantee on such, but cows that have been lately bred or open heifers are guaranteed breeders, and if they do not so prove at the end of three months, after proper trial, the purchase price will be refunded. Mr. Akers is very desirous to make this, his first annual sale, a success, and is putting forth every effort to this end in order that when this sale is over he will have convinced the breeders of Iowa that he has sold good cattle and treated them fairly and squarely. Mr. Akers will undoubtedly continue in the business for many years to come, as he finds it profitable and pleasant. However, as his herd is not large, he has had to draw heavily on the best end of it in order to make this offering attractive so that breeders from a distance would feel it worth their while to attend this sale. Before another issue reaches our readers our representative will carefully inspect the offering anew and give some fresh matter relative to the condition at this particular time. Application for catalogs should be made to Mr. F. W. Akers, of Laurel, Iowa.

Townsend's Dispersion Sale.

On October 25th, at Anita, Iowa, Mr. C. E. Townsend, one of the best-known breeders in that part of the state, will make a dispersion sale of his entire herd of Short-horns, numbering about seventy head in all. This sale is made necessary because he is leaving the state and is going to South Dakota to enter another line of business. He sells everything, from herd bulls and breeding cows down to young calves. When he started his herd many years ago he first purchased ten head of Scotch cattle and then began the building up of one of the best herds in western Iowa. There will be about thirty head of Scotch cattle in this sale, including his herd bull, Sovereign Cupbearer, a five-year-old son of Imp. Sovereign, and nine head of young Scotch bulls, nearly all of which are sired by him. He is selling a splendid lot of Scotch cows of the Victoria, Orange Blossom, Mysie and Nonpareil families, and every one of these have representatives in the sale. There will be eleven head of Scotch cows in the sale and nearly all of these will have calf at foot. Those not with calf will be right at calving to Sovereign Cupbearer. The Scotch heifers are nearly all bred to the young Scotch bull, Crimson Count 254377, a grandson of Imp. Fashion Favorite. Among the Scotch cows is Victoria Princess 3d, a daughter of Prince Nonpareil; 6th Nonpareil, a daughter of Canute 2d; Iowa Mysie, a daughter of Victoria Monarch 2d, and an exceptionally well-bred Mysie; Brookside Orange Lassie, another daughter of Prince Nonpareil, and a richly-bred Orange Blossom, and Canute's Orange Lassie 2d, a daughter of the famous old bull, Canute, and another richly-bred Orange Blossom. Most of the Scotch heifers in the sale are out of these cows. Three of these are sired by Imp. Chamberlain's Heir 2d 157365, a bull formerly used at the head of the herd, and a bull that was personally selected from the Philo Mills herd, by Mr. M. E. Jones, of Illinois. There are about eight or ten daughters of Sovereign Cupbearer and a daughter of Iowa Chief in the offering. The rest of the offering are Scotch-topped Young Marys, Belinas, Amelias, Carolines, Matildas and Miss Severs. Mr. Townsend sells everything and it is an absolute closing out sale and there will be some bargains here for those who are wanting good cattle. He has issued a nice catalog which will be sent on application. Kindly mention The Homestead when asking for it.

Richly-bred Short-horns at Auction.

The object of this notice calling attention to the dispersion of Messrs. R. G. Robb & Son's famous Honey Creek herd of imported and home-bred Scotch Short-horns is as a tickler to jog the memory of all who are interested in this line of stock to send this week to Messrs. R. G. Robb & Son, of Morning Sun, Iowa, for one of their sale catalogs and study the rich breeding contained therein. In so doing, kindly mention The Homestead and your application for catalog will receive prompt attention. The writer has known Messrs. R. G. Robb & Son, of Morning Sun, Iowa, well and favorably ever since they engaged in this honorable and lucrative business, and it is with some feelings of sorrow and regret that we are called upon to write the announcement of their dispersion sale. To lose such breeders as these, whose enterprise and rare good judgment has built up a herd second to none in eastern Iowa, is indeed an irreparable loss to the fraternity. Some breeders can retire from the business and the breed and business will be benefited thereby, while the going out of others causes a cloud to rest upon all cattledom. Mr. R. G. Robb has borne the burden in the heat of the day as long as he thinks wise to do so, and as he is seventy-three years of age, who shall say that his day for retirement from the active duties is not at hand? The partnership existing between Messrs. R. G. Robb & Son covers the ownership of all Short-horns in which either of them is interested and this dispersion sale on October 18th will offer an opportunity to secure each and every one of the cattle owned by this firm. After this sale, however, Mr. Tom C. Robb, the junior member of the firm, and his son, will be in the market for another herd of Short-horns and will doubtless be bidders at some of the best sales where good Scotch cattle will be offered in the future. This fact is worthy of notice by the prospective buyers and Short-horn breeders who attend this dispersion sale. This offering embraces the cream of the Short-horns bred or purchased by this firm, as they have from time to time culled and re-culled the herd, reserving only the most profitable and useful cattle they had. We certainly would impress upon our readers the necessity of sending this week for a catalog, believing that a perusal of its pages will reveal some of the richest Scotch breeding stuff, as can be found anywhere. Next week's Homestead will have a few more sample pedigrees. Morning Sun is easily reached by the Iowa Central railroad or the Chicago, Rock Island & Pacific, and free entertainment has been arranged for at the leading hotel in Morning Sun, the Hotel Hungate.

COMBINATION SALE

ABERDEEN ANGUS

... CATTLE ...

TO BE HELD AT THE FARM OF

M. D. KORN, 3-4 MILE SOUTHEAST OF HARTWICK,
..... POWESHIEK COUNTY, IOWA, FRIDAY, OCTOBER 19TH

46 HEAD---34 FEMALES---12 BULLS

A carefully selected draft from the herds of

M. D. Korn, Hartwick, Iowa.
C. G. Korn, Hartwick, Iowa.
Wm. Dixon, Hartwick, Iowa.

U. S. Grant, Brooklyn, Iowa.
A. H. Kimball, Ladora, Iowa.
H. H. Reed, Marengo, Iowa.

This is the first sale of registered Angus cattle ever held in this vicinity and is composed of a good lot of breeding cows and heifers and young Bulls with the following well known strains represented, Pride, Queen Mother, Blackbird, Lady Franklin, Favorite, Drumin Lucy, Miss Copeland, etc. The females will be sired by, or bred to such bulls as Royal Blackcap 3rd, Black Roselawn, Silhouette 2d, Bernier, Blackbird Lord, Elyron and others.

There will be a number of bulls sired by the show bull Royal Blackcap 3d that are good enough to head any herd; also by other as well known bulls.

The females are a good lot and will be presented just in good breeding condition; those old enough will have calves at foot or be bred to good bulls of the well known strains, Blackbird, Queen Mother and Pride.

This will be a grand opportunity for the beginner to buy a few females for a foundation herd. For catalog, write, mentioning this paper, to

C. G. KORN, HARTWICK, IA.

Cols. Silas Igo and J. L. McIlrath, Auctioneers.

Hartwick is on the Belle Plaine and Buxton branch of the C. & N. W. Ry., nine miles south of Belle Plaine, Iowa.

2d ANNUAL SALE

OF

Pure Bred Hereford Cattle and Duroc Jersey Hogs.

N. J. HILTABRAND and LEWIS BROS.

will sell at Public Auction at the

Princeton Fair Grounds, Princeton, Ill.

We are offering a well bred and a thoroughly useful lot of cattle in this sale. With the exception of a few young heifers, all females will have calves at foot or be bred. An excellent lot of bulls representing the get of some of the best sires known to the breed.

50 Head Pure Bred

Hereford
Cattle

Mon., Oct. 8, 1906

50 Head of

Duroc Jer-
sey Hogs

Tues., Oct. 9, 1906

30 spring boars --- 10 spring gilts --- 10 fall gilts

representing the best strains of the breed. Those who want a herd boar will find them in this sale.

Sale to commence at 1 o'clock each day. Sale held under cover, rain or shine. For catalogs address

N. J. Hiltabrand,
Lonsant, Ill.

Lewis Bros.,
Geneseo, Ill.

Cols. Edmonson, Plumley, McCall and others, Auctioneers.

SEND BIDS TO D. M. PIERCE, REPRESENTING THE HOMESTEAD.

A. J. Podendorf's Great Iowa Sunshine Offering

at the KIEHL LIVERY BARN.

COUNCIL BLUFFS, IOWA,
Friday, October 12, 1906.

20 CHOICE
BOARS

Iowa Sunshine 22985

My very
best Sows 20

INCLUDING my entire show herd, together with my second prize Iowa Sunshine boar pig at the Iowa State Fair, with fifty-two in the ring. This is one of the greatest pigs of the year, and here is a herd-head and a show hog for some good breeder next season. Nearly all of my offering will be sired by my great sire of prize-winners, Iowa Sunshine, considered to be one of the greatest sires of show stuff in the West. I am putting in this sale some of my very best sows, many of which have been winners at the Iowa and Nebraska State Fairs. I am also putting in the dam of some of my best winners. Iowa Sunshine boars have made a reputation for themselves and I am putting in my very best in this sale. Send bids to M. T. White, of The Homestead, in care of Mr. Podendorf. Catalog now ready. Address,

A. J. PODENDORF,

J. WEST JONES & J. A. BENSON,
Auctioneers.

LOGAN, IOWA.

Fulton's Mammoth Poland Chinas

GO THROUGH THE SALE RING AT

VILLISCA, IOWA, OCTOBER 10, 1906

The Blood of Jumbo, Longfellow, Giantess and Chief Price, the famous big strains.

25 Spring Boars.....10 Fall Sows.....15 Spring Gilts.

Sired by Miller Boy 35515, a grandson of the 1,005-pound boar, Chief Price; also by Big Klever 35195, Long Wonder and Fancy U. S. If you are looking for the kind of Poland Chinas that win over the scales come to my sale. Catalog ready. Address,

W. D. FULTON,

Col. J. West Jones & Orville Jones,
Auctioneers.

VILLISCA, IA.

LIVE STOCK AUCTIONEERS.

\$50 SPECIAL TERM IN AUCTIONEERING

BEGINNING October 8th in Noland's School of Auctioneering. For the next few days a limited number will be enrolled for this Special \$50 term. Write today for full particulars. Conducted by **S. K. NOLAND,** IOWA'S LEADING AUCTIONEER. Cor. 5th and Mulberry Sts., Des Moines, Iowa

GEO. P. BELLOWES

LIVE stock auctioneer. Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

WELL READ Auctioneer, I will sell all breeds of cattle or hogs. I have been breeding pure bred hogs for years and am well posted on pedigrees. My knowledge of the pure bred business enables me to give able assistance. My former work representing live stock journal has given me inside on good offerings. Prices reasonable. Col. R. Page, Friend, Neb.

C. C. KEIL, LADORA, IA.,

LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

J. WEST JONES, | CAREY M. JONES,
LENOX, IOWA. | DAVENPORT, IOWA.

IOWA'S LIVE STOCK AUCTIONEERS.
Write before claiming dates.

A. V. LOCK, REMINGTON, INDIANA,
Live Stock Artist.
Work satisfactory. Prices reasonable.

LIVE STOCK AUCTIONEERS.

Seventh Term JONES NATIONAL SCHOOL of AUCTIONEERING

and ORATORY, Opens Nov. 19, 1906, at 231 Ashland Boulevard **CHICAGO, ILL.**

We have moved in order to give our students the advantages of the greatest auction and live stock market of the world at no additional expense. Write for free catalog. Carey M. Jones, Pres.

FRED REPPERT, DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312

Col. Judd McGowan CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A LIFETIME IN THE CATTLE BUSINESS.

A GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. **R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.**

O. L. MOSSMAN, POLK CITY, IOWA.

"THE auctioneer that makes good." Sales held anywhere. Write for dates; am booking them every day. Terms right. Phone 4115.

HORSES.

THE WENONA'S GREAT STUD.

HAVING concluded to make a change in placing STALLIONS before the PUBLIC on account of the unsatisfactory business methods and transaction done in the stallion trade by the buyers, as well as to the sellers by the stallion salesmen, we have concluded to sell our stud from the barn. Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper who is assisting in placing the stallion, who usually is one of your own neighbors, (the most influential man of the neighborhood) and the great expense of placing the stallion. The long-time notes, from 3 to 5 years, have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. **WE KNOW WE CAN SAVE YOU AT LEAST 50%.** If you have to have a company to have a horse in your neighborhood, form your own company, and come to the barn, **BE CONVINCED THAT YOU CAN SAVE FROM \$1,000 to \$1,500.**

GOOD AMERICAN-BRED STALLIONS, from \$800 to \$1,000.

FIRST-CLASS IMPORTED STALLIONS, from \$1,200 to \$1,600.

CHOICEST STALLIONS, a little higher.

THESSE are the prices at our barn at Wichita, Kan., and Wenona, Ill. For prices at the GREAT WESTERN BARN, apply to M. C. Gray, Pullman, Wash. We ask all intending purchasers to visit our stables, where we have over 300 Head of Stallions to select from: SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over 32 years, longer than any one man in the stallion trade, and we guarantee to make every deal satisfactory to you. Get your guarantee and insurance direct from headquarters. Visit our barn, see our exhibits at the different state fairs and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and have the quality of stock that will suit the people, are perfectly good for their guarantee, and will sell to you more good horse quality for less money than any one. Come to the barn and get the most reasonable terms that can be offered.

ROBERT BURGESS & SON,

WENONA, ILL.



W. A. LANG & CO., - - GREELEY, DELAWARE COUNTY, IOWA.

IMPORTERS AND DEALERS IN CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH AND STANDARD BRED STALLIONS.

WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No old, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more ton horses than any other place in America. Write.

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., Fairfax, Ia.

FOR sale, 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilbo & Van Patten, Creston, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. **Hart Bros., Osceola, Iowa.**

When writing please mention this paper.

Greeley Horse Importing Co.



Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT, GREELEY, IOWA.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. **A. LATIMER WILSON, successor to L. Banks Wilson, CHESTON, IOWA.**

JERSEY CATTLE.

JERSEY CATTLE

DESIRABLE YOUNG BULLS

GOT by Emanon, champion at Sioux City, Iowa; The National at Chicago in 1905 and at the Iowa State Fair, 1906. These are from imported and St. Lambert cows. Write now if you want butter-bred Jerseys.

HUNTER & SMITH, BEATRICE, NEB.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISE the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, **Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Rty.**

ABERDEEN ANGUS & POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

THE SEELEY DODDIES

WILL be included in the Big Opening Aberdeen Angus Sale at Mt. Pleasant, Oct. 24th, with 4 Blackbirds, 3 Baroness, 3 Prides, 3 Queen Mothers, 2 Ericas and 5 sired by Blackbird Ito, one of the greatest show and breeding bulls living today. Black Jam Dale 71778, one of the most intensely bred Blackbird bulls of the breed, is included. Remember the date. We want to make Oct. 24th a black and all black day at Mt. Pleasant.

W. B. Seeley, Mt. Pleasant, Iowa.

10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old. **W**ILL sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rotheim Queens, etc. Address, **JOHN E. GRIFFITH, WASHINGTON, IA.** (Mention Homestead.)

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number of growling, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d. **Rosenfeld & Siverly, Kelley, Story Co., Iowa.**

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52337. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tulocis, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

Allendale Doddies

WE have a few good young bulls and cows of these animals for sale at fair prices. Many of these animals were sired by our Blackbird-topped Pride bull. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

FOR SALE

ABERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address,

JAMES SPEAR, STANWOOD, IOWA

Pleasant Hill Herd of Aberdeen Angus. Stock for sale of both sexes, sired by the great Shire bull, Baltimore of Glendale 24275. **J. Nissen, Meservey, Cerro Gordo County, Iowa**

When writing please mention this paper.

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Java. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

W. L. Dodge, Hubbard, Neb.

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Hesiod and other great bulls predominate in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



BULLS FOR SALE! BULLS REGISTERED HEREFORDS! B. F. CLARK, ALBIA, IOWA.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southampton, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

Wheeler's Table Backed Herefords

Bulls, cows and heifers for sale. Poland China and Duroc Jersey males and females for sale. Prices low, try me.

W. W. Wheeler, Box H, Harlan, Iowa.

FOR SALE CHEAP

MY four-year-old Imp. Hereford bull, Royal Lad, No. 145066. Cannot use him longer. Large, gentle, sure. Also young recorded bulls and Poland China male pigs. Write or call. Box 27, Route 1.

A. M. STINE, ADEL, IOWA

BERKSHIRE HOGS.

Rookwood Berkshires.

A CHOICE lot of early boars and gilts for sale. Superior breeding, unusual size and quality. Also two good Scotch breed Short-horn bulls, six to ten months old, fit to head good herds. Address,

ROOKWOOD FARM, AMES, IOWA.

C. F. CURTISS, PROP., JOHN W. OGLE, MGR.

Heavy Weight

Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dish face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

25 or 30 BERKSHIRE BOARS

SURED by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

C. S. BUCKLEY, HOLSTEIN, IOWA.

Ardmore Berkshires

WRITE for catalog of fall and spring boars and choice gilts and yearlings before buying. Gilts either open or bred to year. All from top prize-winning stock, and priced reasonably for quality.

Ardmore Stock Co., Holstein, Ia

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of sale on the spring pigs. T. J. Congdon, Pawnee City, Neb.

BERKSHIRE HOGS.

I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.

JOHN C. MILLER, - Harlan, Iowa

POLLED DURHAM CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight 1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAVER & DEUKER,

Kalona and Wellman, Iowa.

F.A. MURRAY, MAZON, ILL.

BREEDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for sale.

When writing to advertisers please mention this paper.

Sweepstakes Boar Offering

IMPROVE YOUR HERDS BY INVESTING HERE.

The Brown & Mickey sale of Choice Durocs

AT OSCEOLA, NEB., OCT. 10th.

Choicely Bred Lot of Boars & Gilts

Offering Strong in Blood of

Sweepstakes Boar, Red Knight 25199.

The Tops From our Two Herds. Profitable Offering in all Respects.

E. J. Brown consigns offering strong in blood of Red Knight, Crimson Wonder, Belle's Echo.

O. E. Mickey's offering strong in blood of Homestead Gold Dust, sired by Gold Dust Jim, Belle's Echo, and Red Knight.

Our offering of Duroc Jerseys on Oct. 10th will be the tops from our two herds. We have decided to make this sale one to be remembered by all and to do this we realize that the tops must be included. Our boar offering will give ample opportunities to select choice prospects. The offering will represent as much prize winning blood as will go through any sale this season. Red Knight was first and sweepstakes winner at Nebraska State Fair 1905. Belle's Echo is the son of Echo King and is out of the great Nebraska Belle. Homestead Gold Dust was sired by Gold Dust Jim. We would be pleased to mail you one of our catalogs. If unable to attend the sale send your bids to G. W. Segrist, representing this paper, or the auctioneer. Look up field note.

E. J. BROWN,

T. C. Callahan, Auct.

O. E. MICKEY,

Osceola, Neb.

CHESTER WHITE HOGS.

WE NOW HAVE TO OFFER YOU



100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 18891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Model Herd Chester Whites

W. F.'s MODEL 12101, A WINNER. He won second place in class at Iowa State Fair, 1906, and is proving himself a great breeder of size and quality. For Sale, 30 strictly choice boars, March, April and May farrow, sired by W. F.'s Model 12101, Seducer 12387, All Right 11789 and others. Guaranteed as represented. Am booking orders to be shipped when wanted.

W. F. Hemmerting, Dike, Iowa.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.

D. H. LEWIS, GENESEO, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. 1, Neponset, Ill.

KERR'S O. I. C. 'S



ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,

O. L. KERR, INDEPENDENCE, MO.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Hounch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at Interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,

J. L. BARBER, R. R. 3, HARLAN, IOWA.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the lot of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the lot of Col. Cody, Crescent King, Koller FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 180 spring pigs to select from. Address, mentioning this paper,

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CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.

JNO. CRAMER, BEATRICE, NEB.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit use if in need of good Chester Whites.

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CHESTER WHITE HOGS.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address,

W. M. MERCER, AURORA, ILL.

30 CHESTER WHITE BOARS 30

A extra choice lot of young boars, including more than a good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa.

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50 SMOOTH, rangy, heavy-boned Spring Pigs for sale. Fine sows and boars for sale.

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A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEFEVRE, FAIRFAX, IA.

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BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

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THE oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, 1, Box 85.

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SOME CHESTER WHITE BARGAINS.

WE have a few Chester White April males that are good ones, and 32 spring gilts that can't be beat that we will sell open or bred. People looking for this kind had better write us. Have 35 of Sept. 1905, farrow that we will sell and ship as soon as weaned.

E. L. NAGLE & SON, Deep River, Iowa.

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free.

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200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4965, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

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CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers write for descriptions and prices.

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70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy.

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Thoroughbred Red Polls for Sale.

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EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Garduer, Ill.

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80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choicely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11348, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address,

G. W. Sharp, Marble Rock, Iowa.

GALLOWAY CATTLE.

PURE BRED GALLOWAY CATTLE

FOR SALE. 8 Bulls, 6 Cows and 3 Heifers, at prices that will make them move. Write to

S. D. Miller, Wellman, Ia.

Peoria County Sales.

..Tuesday, Oct. 9th..

Ira Cottingham sells in New Pavilion on farm two and one-half miles south of Eden on Iowa Central R. R., 15 miles from Peoria, Ill.

THIRTY- ...FIVE... SHORT-HORN CATTLE.

Imported and home-bred Scotch and Scotch-topped bulls and females of the well-bred, good, individual class.

40 POLAND CHINA HOGS.

Yearling sows, fall sows and spring pigs of either sex, not related. They are the big-boned, growthy kind.

We are not in the Trust. Send for catalog.

Mention Homestead.

Ira Cottingham,
Eden, Peoria Co., - Illinois.

Send bids to D. M. Pierce, representing Homestead, in my care.

Wednesday, Oct. 10th

R. A. Sanmann sells at farms six miles from Eden and six miles from Glasford, Ill.

60 POLAND CHINA HOGS

They are yearling sows and fall and spring pigs, of both sexes. They are good-boned and growthy—as well-bred as they make them.

...2 SHORT-HORN BULLS...

Nine months and three years old, both reds, and good ones. Send for catalogs, mentioning Homestead.

R. A. SANMANN,
GLASFORD, ILLINOIS.

Thursday, Oct. 11th.

W. S. West sells at farm two miles south of Hanna City, Ill.

60 Duroc Jerseys

Yearling sows, fall and spring pigs, of both sexes. Good, growthy and well-bred ones. Send for catalogs.

W. S. WEST,
HANNA CITY, - ILLINOIS.

Mention Homestead.

DRAFT SALE

OF SHORT-HORN CATTLE

AT
... OAKLAND, IOWA, OCTOBER 8, 1906 ...

40 Head from the R. E. Williams Herd 40

INCLUDING 8 yearling bulls, ready for active service, and all red in color. I am putting in 9 yearling heifers and 8 two-year-old heifers. The rest will be cows, all of which will have calf at foot except 4 head, and they will be bred and safe in calf. I am putting in some of my very best cows, some of which are well Scotch Topped and some are straight Bates. If you want a few good bulls or cows and heifers, I have them in my sale. If you want the money-making kind of Short-horns, I have them. Write for catalogs, now ready. Address ..

R. E. WILLIAMS, JR., OAKLAND, IA.
COL. DUNCAN, AUCTIONEER.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

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"INDIVIDUAL EXCELLENCE THE STANDARD." **LYNDALE SHORT-HORNS AND POLAND CHINAS**
ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndale head Short-horn herd. Females are Victorius, Secrets, Butterflies, Lavenders, also a few Young Marys and Rose of Sharns. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.
Visitors always welcome.

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KING CITY, MO.

EVERGREEN STOCK FARM

SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp S Prince Oederic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

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SHORT-HORNS, Shropshires, Durocs, bulls, boars and bucks for sale. Good ones and priced right.
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Pleasant Dale Stock Farm.

GEO. F. DORSCH, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine. Hog sale September 28, 1906, at farm.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.
F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge Minstrel 8th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

LARGE YORKSHIRES
WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1906. Address, **Thomas H. Canfield, Lake Park, Minn.**

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

WOODLAND SHORT-HORNS DISPERSION SALE

October 18th, at Washington Court House, Ohio. Write for catalogs to **W. I. WOOD,** Williamsport, Ohio.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, - ILL.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the Imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, - Iowa.

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SHORT-HORN CATTLE.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd leading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other truck-shank families.

GEO. BONEWELL, GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All red; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 21653. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

Wildwood Short - Horns ALL REDS AND DEHORND

SCOTCH and SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

HENRY MATERN, - LOSTANT, ILL.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE

At the head of our herd stands the noted Imp. Lord of Champlion (1577), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (14313), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, **Flynn Farm Co., R. R. 5, Des Moines, Ia.**

Bargains in Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

BLUFFVIEW SHORT-HORNS

TWO straight Scotch bulls for sale; one four years old, by Imp. Red Light out of an imported cow. The other will be one year old in August, a Brawith Bud. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Scotch Bulls

Got by Imp. Mutineer 172547

A CHOICE lot of young bulls for sale, of the Secret, A Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 187th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

A. C. BERRY, UNIONVILLE, MO.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courier Jr., two years old May 13th, sire Nonpareil Courier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

Scotch and Scotch-topped Short-horn Bulls
TWO sired by this International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAWES & SON, HARLAN, IOWA

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Wimple Royal 241400, heads the herd. Would exchange him for a suitable bull to head herd. Address,

M. D. YARD, CRAWFORDSVILLE, IA.

BARGAIN in Short-horn cows and heifers with calves at side by D. S. P. Durham bull. Few P. D. Heifers 12 to 15 mo.; cheap; will be bred to one of the best P. D. bulls in the United States. Choice Poland China boars. Two miles northeast of city, Jersey Ridge Road. P. S. & S. Barr, Box H, B. R. 4, Davenport, Iowa.

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Y herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. pig. Sows royally bred. Am billing orders for boars spring farrow. Herd represents the blood of John's Chief, King Dobo, and Blain's Tec. Everything guaranteed a breeder.

Obt. J. Peckham, Pawnee City, Neb.

POLAND CHINA HOGS.

HERD HEADED BY THREE GREAT
POLAND CHINA
HERD BOARS.

L'S Chief 31055, won first in aged class at Iowa State Fair in 1898, and grand sweepstakes over all breeds and classes by a unanimous vote of all exhibitors. He weighed 900 lbs. at two years old and 1,000 lbs. at three years. He is the greatest hog living today. **L's Technisch Agnif 51211**, the largest hound and the best all around son of the World's Fair hero, **L's Technisch 20499**. **J. H. Sanders' Best 43981**, the first choice get of the great show hog, **J. H. Sanders**, that won four first premiums, including sweepstakes, awarded at the Chicago World's Fair in 1893. **100 Top Spring Pigs** for sale at \$12 each, sired by the above herd boars. Catalog free. Reference—Montezuma Savings Bank.

REUBEN E. SANDERS,
Proprietor Pull Moon Herd Poland Chinas.
R. F. D. 1, MONTEZUMA, IOWA.

EVERGREEN
Fine Stock Farm.

O. R. Phelps, Taintor, Iowa.

OFFERS some richly bred Poland Chinas sired by Chief Sunshine 98609 and O. R. Correction 91651. Also pigs by Perfect Shine 99915 4th prize in class at Iowa State Fair 1905, and other good sires. I guarantee satisfaction. Write me for prices. Fall sale October 18th.

CHOICE
POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, III.

Pioneer Herd Poland China Swine.
W. Z. Swallow, Booneville, Ind., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

TOPS.

PAPILLION HERD POLAND CHINAS.
We offer an extra fine lot of pigs, sired by **Ohin Sunshine 2d 26447** and **Fancy Perfection 28439**. Write for price and catalog.
Wm. Uhe & Sons, R. 1, South Omaha, Neb.

DUROC JERSEY HOGS.

35 DUROC JERSEY BOARS

SIRE by my \$300 boar **Glendale Jim 33291**, 2d prize boar at the Iowa State Fair. Prices reasonable.
J. S. GOLDER, SCRIBNER, NEB.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money.
F. A. LIAM, SARONVILLE, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. **T. E. Laurie, Jacksonville, Ill.**

L'S SUNSHINE 37308.

SECOND prize yearling Duroc boar at Sioux City. Sheads my herd, assisted by **Onward 106001**, a son of **Keep On**. I have a few choice Poland China boars for sale.
A. C. LANHAM, BATTLE CREEK, IOWA.

CLOVER Herd Durocs. Choice March and April Boar Pigs. Prize winning blood. Blood lines. Improver 11, Advance, Tip Top Notcher, Ohio Chief, Sensation, Granger, Orion, etc. Prices low. Strong guarantee. Write, describing what you want or come see. Bred sow sale, February 22d, 1907. **G. H. Purdy, Mason City, Iowa.**

ASA TURNER'S DUROC JERSEYS.

I AM offering fifteen or twenty extra good young boars by King Perfection and Advance Lad. They are out of some of G. A. Munson's prize-winning sows. Address,
ASA TURNER, FARRAR, IOWA.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. **J. S. Stonebraker, Walnut, Ill.**

EVELAND'S Duroc Jerseys. Four fall boars and a few spring boars for sale, sired by **King David II 34769**, and **Modeler's Boy 46359**. Also **Lad for Me 39335**. **R. F. D. 1, E. J. Eveland, Jamaica, Iowa.**

Boars! Boars! Boars! Duroc Jerseys, \$25. Address, **Reycroft Stock Farms, Des Moines, Iowa.**

HILLCREST Farm Durocs. Best breeding. At weaning either sex, \$6 each; pairs not akin \$11.00; trio \$15.00. **Hillcrest Farm, Greenwood, Mo.**

If you want choice pigs sired by **Fashion Improver** by **Improve 2d**, out of **sow Fashion**, write me. Spring boars priced right. **S. P. Briggs, Seward, Neb.**

GRENDLE Herd Durocs, of the most fashionable blood lines, and of superior individuality. **F. H. HERRING, R. F. D. 7, Iowa City, Iowa.**

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address **W. J. S. Taylor, Hanneston, Iowa.**

CHOICE Duroc Jersey pigs on approval at \$12.50 and \$15. Eligible to register. Pairs not akin. Address, **J. C. Jay, Mount Pleasant, Iowa.**

MIDLAND Durocs, 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. **S. J. Butts, Mason City, Iowa.**

DISPERSION SALE!

OF THE

C. E. TOWNSEND HERD OF

Scotch Short-horns

Anita, Ia., October 25, 1906

70 HEAD	Sovereign Cupbearer 174431 and 9 young Scotch Bulls go in the sale.		70 HEAD
	30	Scotch Cattle, Orange Blossoms, Victorias, Mysies & Nonpareils.		30
All my Breeding sows, 2 and 3 yr. old heifers, and young calves included, about 60 head of females.			

Owing to my removal from the state and entering other lines of business, I am compelled to part with my entire herd of Short-horns.

I T IS with greatest regret that I am parting with my herd of cattle. I laid the foundation of this herd by purchasing ten head of Scotch females and I have always used the best of Scotch bulls. My herd has been one of the best paying herds in the state. The Scotch-topped tribes are representative *Young Marys, Amelias, White Roses, Belinas, Miss Severs, Carolines* and *Matildas*. There will be 9 HEAD OF YOUNG SCOTCH BULLS in the sale, besides my well-known Scotch herd bull, *Sovereign Cupbearer*.

Watch for pedigrees next week. There never was a better time nor a better place to lay a foundation for a herd. Send for a catalog, mentioning *The Homestead*. Address,

C. E. TOWNSEND, ANITA, IOWA.

Cols. Woods & Bellows, Aucts.

Sale at farm 1 mile from town.

DUROC JERSEY HOGS.

40 Tops from the Greendell Farm of Durocs.

At Auction, October 10th, 1906.

20 BOARS, 20 Gilts, the get of *Invincible 15143*, *Perfection Chief 28367*, *Crimson Wonder Jr. 41103*, *Grand Chief 14983*, *Sensation 7393*, and *Reliance 12455* and out of dams equally as well bred. They are a growthy lot of March and April pigs, and excel all of my past offerings. Catalogs ready.

F. H. HERRING, Col. F. F. LUTHER, Auctioneer, IOWA CITY, IOWA.

Reduction Prices
On Best Breeding.

350 Durocs, 150 Shropshires, 100

Short-horns and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind

Pawnee Herd Durocs

I WILL have a number of extra good pigs at the Illinois State Fair next week by **Buddy K IV**, first and sweepstakes boar Illinois State Fair, 1905. Several of these are cataloged for my October 30th sale. An opportunity to see the kind and breed.

ED A. BAXTER, PAWNEE, ILL.

DEAN HERD

Duroc Jersey & Poland China Swine.

WE are offering spring pigs, both sexes. Also one yearling Poland China boar, one 1 year and one 2-year-old Duroc Jersey boars, two Collie bitches, one stud dog, *Light Brahma* chickens and *Hereford* cattle. Write us or come and see us before you buy. **Q. and Wabash R. R. HANSON BROS., DEAN, IOWA.**

WHO IS J. A. RUSSELL?

WHY, he's the big red hog man at Corning, Iowa, that owns *Tip Top Notcher Jr.*, and he sells two dandy litters sired by *Proud Advance* in his sale October 27, 1906. Drop card for catalog.

J. LORTON, Union City, Ind., proprietor of the *Clover Blossom* Herd of Durocs. *J. J's Chief 12445 (A) 46747 (N)* 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. **J. J. Lorton, R. R. 35, Union City, Indiana.**

FANCY DUROC JERSEY SWINE OF BOTH SEXES

FOR SALE.

I HAVE the blood of *Proud Advance*, Ia. Banker and other leading strains.
C. W. WOLF, HAMPTON, IOWA.

When writing please mention this paper.

DUROC JERSEY HOGS.

DUROC JERSEY BOARS

SIRE by *Carmine Wonder*, half brother to *Crimson Wonder*, *Scarlet Wonder* by *Pericles*, out of a full sister to *Crimson Wonder* and *Belle's Perfect King* son of the great *Nebraska Belle*. Forty-five of the best boars I ever saw on one farm. Prices low. Try me. In writing, state whether you want Duroc Jerseys or Poland Chinas.

W. W. Wheeler, Box H., Harlan, Ia.

Rankin's Ohio Chiefs

I HAVE pigs by *Ohio Chief*, and a son of the sweepstakes boar, *Gold Dust Jim*, out of the best sows known to the Duroc Jersey breed. Address,

W. A. RANKIN, CARSON, IA.

Greene County Herd Duroc Jerseys.
OWNED by **L. H. Roberts & son**, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late **Wm. Roberts & son**. Present herd boars are 2 yearling sons of *Ohio Chief* and *King of Iowa*, 50 big boar pigs ready to sell. Write mentioning this paper.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by *Keep On*, third prize boar at *Des Moines*; *Proud Advance* and *W. L. A's Choice Goods*. Write at once.

F. A. STRONG, ORIENT, IA.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by *Crimson Wonder Jr.*, *Pericles*, *Pericles II.* and *Top Notcher Chief*, out of daughters and granddaughters of *Ohio Chief*, *Tolstoy*, *Advance* and *Pericles*. A choice lot of boars for sale. **H. L. Cantlue, Quimby, Iowa.**

Two Young Boars

For Sale, sired by *Orion*. Will be priced right. Address,

A. B. Easter & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

SIRE by *Am Pottawattomie*, a grandson of the great *Nebraska Belle*, *Pericles*, and other noted boars. Our prices are always right. Write us. Address,

J. W. Reynolds & Son, Defiance, Iowa.

WATSON BROS., CRESTON, IA.

200 DUROC JERSEYS, out of *Orion Proud Advance* and *Advance* sows. Pigs by *Proud Advance*, *Keep On* and *Addy's Choice Goods*. Public sale, October 3d.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, *American Royal 15433*, and fifteen other leading sires at prices that are right.

Edmunds, Shale & Co., Kingsley, Ia.

E. E. PETER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d *Surprise's* *Redeemer* and a son of *Duroc Challenger* and *Minerva C2d* head my herd. Sows represent the blood of the *Challengers*, *Glendale Critic*, *Improver II*, etc. Have a few fall pigs that I will price right. Write me.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by *Billy K.*, *Medoc*, *Forty Kings*, *Billy K. Jr.*, and *Frank's Choice* by *Belle's Echo*. Can give you good herd headers at prices to suit purchasers. Address, **G. Van Patten, Sutton, Nebraska.**

LAMONI herd of Duroc Jerseys, headed by *Ben Davis*, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as *Ohio Chief*, *Proud Advance*, *American Royal* and *Brilliant*. Pigs for sale with length and bone. Guaranteed. Write, **J. S. Teale, R. 4, Lamoni, Iowa.**

EDGEWOOD HERD DUROCS.
FOR SALE, 75 good spring pigs, by *Arion*, *Junior Jim*, *Walter G.* and others, out of sows by *Golden Perfection*, *Alta Advance*, carrying the blood of *Proud Advance*, *Ben Hur H.* and others. *Edgewood Chief*, an *Orion* hog by *Arion*, heads herd. What do you want? Write **R. C. Poston, Corydon, Iowa.**

FOR SALE.
I AM offering a few Duroc boars, sired by *Proud Advance* and *Orion*. I will also sell half interest in *I Am A Wonder*, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

THREE GOOD DUROC JERSEY BOARS FOR SALE.
We will sell our splendid show and breeding boar, *Pericles H.*, also one good yearling and one good fall boar. These are bargains if taken soon. Address, **Norrlsh & Bevington, Kingsley, Ia.**

NOTHING FOR SALE UNTIL OCT. 26.
WHEN I will sell 40 head sired by *Tip Top Notcher*, *Top Notcher Chief*, *Ambition*, *Hanley*, *Big I Am* and other noted sires. Send for catalog.

H. B. GRIFFITHS, BOWEN, ILLINOIS.

Prairieview Herd of Duroc Jerseys.
SPRING pigs either sex by *Proud Advance*, *Top Notcher* Again, and *Tom Davis* the second prize yearling at Iowa State Fair, 1906. I will sell you bred sows for one-half what they cost at public sales last winter. Write for what you want. Mention *Homestead*. **W. J. Prather, Russell, Iowa.**

State Road Herd Duroc Jerseys

FEW choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

FAIRVIEW HERDS.
RED Polled cattle, Duroc swine. Will sell my herd *Red Bull* expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. **J. B. Davis & Son, Fairview, Kan.**

SETTING SUN herd of Duroc Jerseys, 20 head of Feb. and March boars at prices that will sell them. Address, **I. C. Welch, Bedford, Iowa.**

THREE DAYS SALE OF PURE BRED CATTLE

AT SPENCER AND DICKENS, CLAY CO., IOWA.

Aberdeen Angus

Wednesday, Oct. 10, 1906.

I will sell fifty Angus cattle---forty-five females and five bulls, at my farm one mile from Dickens.

Wm. Hansen, Prop., Dickens, Iowa.

Wm. Mincer, Mgr., Spencer, Iowa.

COLS. SILAS IGO, PINNEO AND SHARTLE,
Auctioneers.

Short-horns

Thursday, October 11, 1906.

I will sell at my farm 6 miles north of Spencer, 50 Scotch and Scotch Topped cattle. Some choice bulls, 33 females, 6 Scotch Dorothys. For catalog write,

J. H. Graham, - Spencer, Iowa.

COLS. WOODS, RITCHEY AND PINNEO,
Auctioneers.

Short-horns

Friday, October 12, 1906.

The Clay Co., Iowa, Poor Farm will disperse its herd of 50 registered Short-horns---10 bulls and 40 females. For catalog write,

A. McConnell, - - Spencer, Iowa.

COLS. WOODS, RITCHEY AND PINNEO,
Auctioneers.

DUROC JERSEY HOGS.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 28163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

HANLEY 42345. HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On Ill 37331, Gem's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12345a, Choice Goods 22851, J. I. C. 38339, Buddy K. IV 20861, Indiana 20753, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40793, Subver 11639, J. B. J. Big I Am 29395. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices. McNEIL BROTHERS, BOWEN, ILL.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709. 2d prize boar in 18 months class Iowa Fair, 1905. 2 Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tienten, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

40 HEAD FALL & SPRING DUROC JERSEY BOARS. The most popular strains bred by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausa, Neb.

30 DUROC JERSEY BOARS 30

Sired by Duke of Ohio 39529, Geo. Hur 40851, Al Sonso, 40849, and by a son of Crimson Wonder. Pigs by Ulster Chief 11425. Low prices for the quality. M. M. ELMENDORF, LACONA, IA.

Minnesota's Prize Winning Duroc Jerseys. WON first 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable. Wm. Malcolm, Bigelow, Minn.

MAY & PORTER, REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts. F. M. ERSCHEN, Odell, Illinois.

When writing please mention this paper.

DUROC JERSEY HOGS.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads a herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN,

PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

C. T. ROGERS,

PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's Last, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birthplace of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

CRIMSON WONDER I AM 34697

CHAMPION AND SIRE OF CHAMPIONS. A choice lot of boars and gilts by this great sire for sale. Some excellent prospects in the herd. Address,

U. G. DAVIDSON, - - - MANSON, IOWA.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sons of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains. Address,

T. A. McMAHON, - - CRAIG, NEBRASKA

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 11. Boars are sired by Double Track 42517, Sensation 7393, Big King 11057, Fashion Boy 33029, Advance Col. 42011, Roland 37255 and Red Express 35519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Brood Sow Sale January 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WRIGHTON, AUDUBON, IOWA.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB, - - - MONROE, NEB.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Echo. Sow sale February 25. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS, - - - GLIDDEN, IOWA.

Iowa Banner Herd Durocs. Headed by W. L. A.'s Choice Goods, has for dam the \$1,000 S. E.'s Model 9th; the \$2,000 Ohio Chief for grandsire; Bishop's Choice for grand dam and the great Nebraska Belle for great-granddam. Write your wants. W. L. Addy & Son, Parnell, Mo.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON, - MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimson Wonder), Lot's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.

W. J. WENDT, MARCUS, IOWA.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others.

CHAS. VAN PATTEN, SUTTON, NEB.

When writing please mention this paper.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address, ALBERT BELL, LAKE CITY, IOWA.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm Lawn Top Notcher and Elm Lawn Orion. The dams are equally as well bred. If you want good, useful Durocs write me.

Chas. Sobotka, - - - Cainesville, Mo.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices.

M. A. McWilliams, Wull Lake, Iowa.

When writing please mention this paper.

DUROC JERSEY HOGS.

ROYAL RUBY

HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.

GUS A. PEDERSON, OCHEYEDAN, IOWA.

MAPLE AND LAWNSDALE DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Brood Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

SHELDON BROS.,

A NEW FIRM. BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

SHELDON BROS., Shannott City, Iowa.

Successors to H. C. Sheldon & Sons.

MULBERRY GROVE

HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - - RUSSELL, IOWA.

112 CHOICE DUROC JERSEYS 112.

Sired by Duroc Challenger's Wonder S 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Raudolph, Neb.

WELCH'S POPULAR PRICED DUROC JERSEYS

I HAVE 90 choice spring pigs sired by a grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, Ia.

ALFALFA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection, 11571; some tried sows bred to Royal Prince 41911; that raised good litters last spring and are due to farrow in September, and a few fall boars by Van's Perfection and Jumbo Chief 19599, for sale.

F. ALLDRITT, FRIEND, NEBRASKA.

PIONEER HERD DUROCS.

ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, Arch Brown & Sons, Waterloo, Nebraska.

PEEK & PUTMAN'S DUROCS, TECUMSEH, NEBRASKA.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Dad's Improver, Gliford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bendek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growingly. Will price right.

W. J. East & Son, Clay Center, Neb.

When writing please mention this paper.

THREE-DAY SALE of SHORT-HORNS

WRIGHT COUNTY, IOWA

OCTOBER 23d

The big three days' sale of Short-horns at Clarion and Belmond, Iowa, will be held on October 23, 24 and 25, 1906. The opening of the three days' sale will be made at Belmond, Iowa, October 23d by T. A. Davenport, who sells 45 head, about 25 head of cows with calves at foot; 35 females all told and 10 bulls, including 4 Scotch bulls bred well enough for the most critical, one of these bulls being a full brother to the celebrated Philo Hay. The calves and younger things are all sired by Imp. Kenellar Stamp and Charmer. For catalogs of this sale, address

T. A. DAVENPORT
BELMOND, IA.

Free conveyance to the
sale from Belmond & Clarion

GEO. P. BELLOWES
Auctioneer

OCTOBER 24th

Mr. G. J. Mack will disperse his entire herd of 50 head, including 10 head of Scotch cattle, 7 females and 3 bulls of the following families: Nonpareil, Duchess of Gloster, Orange Blossom and Mysie. Other families represented are Zelias, Pansy and Bracelet. This is an unusually desirable offering of Short-horns. Owing to death in the family and the breaking up of our home, this dispersion sale becomes necessary. Address for catalog,

G. J. MACK
CLARION, IA.

Col. Geo. P. Bellows, Auctioneer

OCTOBER 25th

will occur the dispersion sale of Rice & Lindsey's entire herd of Short-horns at Clarion, Iowa. There will be 50 catalog lots, 42 females and 8 bulls, including the great herd bull Victor Prince 195385 by Imp. Golden Drop Victor. Dam, Imp. Coral Countess. It is the heaviest milking herd in Northern Iowa, as well as a very rapid breeding herd. Address for catalog,

RICE & LINDSEY
CLARION, IA.

Ralph W. Barclay, Auctioneer

DUROC JERSEY HOGS.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois. WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher. Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We cull closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906. Kindly mention Homestead when writing.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Bent by the great Kan't Be Bent, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG,

LINCOLN, NEB.

Thos. Bennett, Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred glits all sold. Write for prices, mentioning Homestead.

DUROC JERSEY PIGS FOR SALE.

80 MARCH pigs by Roy Advance, Malcom's Model 2d, and Gold Standard. Also have four good full boars and will sell Gold Standard, two years old. I have one litter by Manley Orion. Brood sows mostly by Billy K. W. J. Hartung, Maxwell, Ia.

MINNESOTA'S HERD OF DUROCS

FOR SALE—One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars—herd headers among them. Let me hear from you. Harmon Gruber, Brewster, Minn.

Duroc

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young glits as well. Write today. F. A. Kruse, Waco, Neb.

T. L. LIVINGSTON'S DUROCS. I am offering choice Duroc pigs, sired by Combination, Valley Chief, etc., at prices to sell. If you want size and finish, write me. T. L. Livingston, Burchard, Neb.

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring glits for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,

GEO. W. SECKMAN,

RIPLEY, ILLINOIS.

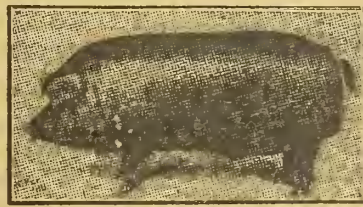
40 DUROC-JERSEY BOARS 40

SIRED BY JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair. Litter brother to the great sweepstakes sow Alix 20, that sold for \$740. LONG ALIX, 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair.

Pigs by other well-known boars. If you want a herd-header, write me.

AUSTIN RENSIAW,

BLAIR, NEB.



TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN

LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY,

OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.

SIRE in service, Red Orion 25793, by Orion 5393; dam Rose Bud 50188 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12185. Duroc Standard 4417 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from our good lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH,

HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,

GRANT WHITE,

AFTON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

Fall Sale Oct. 31, 1906.

Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot, Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.43.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Bent, the \$2,500 boar. 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall glits and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 18th.

JOHN M. MORRISON & SONS, COLLEGE VIEW, NEBRASKA.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

A LTHELRD 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," L. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,

J. E. WEHR, PORTSMOUTH, IOWA

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Hugin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.

HENRY G. WARREN, INLAND, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

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2-ply "Eagle" Brand, 108 sq. ft. 60c
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"Perfection" Mixed Paints per gal. 75c
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Best steel, each 50c
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Everything in the line of blacksmith supplies. We can save you 30 to 50 per cent.

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Has 18 in. round hearth; good for general work; lever motion; extra heavy pipe legs; stands 80 in. high; 8 in. fan. Larger forges, like illustration, from \$6.35 to \$14.50. We guarantee our forges, equal or superior to anything on the market. Write for our full list.

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The best galvanized graduated Diamond Mesh fencing manufactured. Will turn anything from pigs to cattle. All heights from 24 in. to 72 in. Our price on the 24 in. height, per rod 20 cents. Also square mesh galvanized fencing. Galvanized Poultry Netting, per 100 sq. ft., 40 cents. Indestructible Steel Fence Posts. The simplest made: suitable for fencing of any kind, each, 35 cents. Stump Pullers. Most powerful built: will do as much work in one day as 15 men can do by hand. Prices from \$14.25 up.

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Special Prices. See List.
1 in. with couplings, per foot 3 1/2c
3/4 in. " " " " 4 1/2c
3/4 in. " casing with couplings, per ft. 10c
1,000,000 ft. of piping for water, gas, oil, etc. Rethreaded and in excellent condition. Boiler tubes at low figures from the World's Fair.

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Brand new, cast iron stands wrought iron screws, deep cut thread, the best made. 12 ton - \$80 cent. 16 " - \$1.33. 24 ton - \$2.00. 20 " - 1.45. 28 " - 2.50. House raising jacks - 1.40. Iron chains and house moving apparatus of all kinds.

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Steel Roofing per 100 Sq. Feet \$1.50

Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care, will last many years. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering buildings of any kind. Also used for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not taint rainwater. Makes your building warmer in winter, brand new, painted is our price for our Flat Semi-Hardened siding, each sheet 24 in. wide and 24 in. long. Our price like a illustration; and 24 in. long \$1.60. At 25 cents per sq. furnish sheets 6 and 8 feet long.

Steel Pressed Brick Siding per square, \$2.00

Fine Steel Deaded Ceiling per square, \$2.00. Can also furnish standing seam or "V" crimped Roofing to all points East of Colorado on application. This freight prepaid proposition refers to the steel roofing offered in this advertisement. Satisfaction guaranteed or money refunded. We will send this roofing to any one answering this advertisement. C. O. D., with privilege of examination if you will send us 25 per cent of the amount you order in cash; balance to be paid after material reaches your Station. If not found as represented, refuse the shipment and we will cheerfully refund your deposit. All kinds of roofing supplies, galvanized conductor pipe, eave trough, steel snips, fittings, etc.

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At this price, No. 14 gauge, painted Wire Shorts. Other gauges proportionate prices. Heavily galvanized wire shorts, put up 100 lbs. to the coil, good for fencing and other purposes, new 14 gauge, per 100 lbs. \$1.40. Galvanized Barb Wire, 2 and 4 point, per 100 lbs. \$2.50. B B Phone wire, galvanized, per 100 lbs 2.40. Annealed wire, No. 17 gauge, 1.90. Wire of all kinds and for every purpose.

Steel Enamelled Bath Tubs \$6.00

At this price, our 4 1/2 ft hard wood rim, enameled steel tub, with nickel plated overflow. Other lengths at proportionate prices. Handsome porcelain bath tub with full 3 inch roll rim, white enameled on the inside, seamless, cast iron, with all fine nickel-plated fittings at \$14.00. Other tubs ranging in price to \$25.00.

\$60.00 for Complete Water Works System,

Even though you live on a farm, you can have just as much comfort as the city folks. Our modern book on water works Systems shows you how you can do it. We offer you a complete outfit consisting of pressure tank, brass lined pump, all valves and fittings necessary for \$60.00. Other outfits at prices ranging up to \$200.00. At \$37.50 we furnish a complete bath room outfit, consisting of tub, toilet and wash stand. Send us diagram of your home. We will make you a liberal proposition.

Galvanized Steel Tanks \$2

Brand new galvanized steel tanks, strong and durable, extra well riveted. Weigh less and twice as practical as wooden tanks; best manufacture. 32 gallon tank \$2.00. 78 gallon tank \$2.75. 47 gallon tank 2.50. 6 barrel tank 5.50. Larger sizes in proportion. Feed Cocks \$9.20. Steel Wagon Tanks \$7.00. Oaly Troughs - 60 Tank Hesters - 2.50.

IRON BEDS \$1.40

Full size, strongly built, finely an'led \$1.40. 100 single iron beds, complete with woven wire spring \$2.25. Handsome brass trimmed beds, like picture, twice as heavy as any ordinary had of this style. Head 65 in. high; brass tubing 3/4 in. diam. h a d o n e l y finished in bronze; good enough for any one. Retail \$17.50. For \$35.00. Our price - \$11.50. 200 Wooden beds, nicely carved, good as new \$11.50. Full size cotton top mattresses from \$1.00 up. Felt mattresses - \$5.25. Beds and bedding of every kind.

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600 unique designs in dressers from the World's Fair, overhauled and first class. Prices from \$7.00 to \$20.00, easily worth \$15.00 to \$45.00. Com. modes, dressing tables, hall racks and fine furniture for every purpose.

ROPE BARGAINS

Good Manila Rope, slightly used, all sizes, 9 1/2 in. per 100 ft. \$2.75. New Manila Rope, slightly shop worn, per lb. - 10c. Wrapping Twine lb. - 6c. Galvanized Guy Wire, 100 ft. \$1.60. Wire Rope and Cable at way down prices. Derricks, Tackle Blocks, etc. Write for prices.

6000 Strong Doors from St. Louis World's Fair in all sizes \$1.00

5000 Windows at half price. 10,000,000 feet of lumber, short lengths, mixed, as it comes, to close out the lot - \$8.00. If you want lumber for record sizes, send us your lumber bill for our estimate. Now is your opportunity to save money while we are still engaged in dismantling the World's Greatest Exposition. Everything in the line of Building material.

NURSERY CHAIRS 60c

500 like illustration, made of selected willow; strong and substantial; removable seat with wooden table. Plain Children's Chairs bow-back at 25c. Handsome Child's Rockers golden oak, with cane seat, worth \$2.00. Our price 95c. Full sized, roomy rockers, worth \$3.50. Our price \$1.75. Good furniture of all kinds.

Fancy Sewing Rockers \$1.25

600 like illustration, golden oak finish, full polish, continuous post strongly braced arm, 39 inch high; screwed together. Built for wear. Worth \$2.50. Our price \$1.25. 1000 other rockers from 75c to \$1.00. Handsome genuine leather rockers at \$12.00. 50 beautiful davenport from the Pennsylvania building and other State Buildings at the World's Fair, overhauled and as good as new. Worth \$15.00. Our price \$15.00 and up.

KITCHEN SINKS 75c

At this price, an 18 x 36 in. steel seamless painted kitchen sink, with strainer. Cast iron white enameled kitchen sinks, \$1.25 up. White Enamelled Lavatories at \$6.00. Complete Water Closes \$7.00. pipe, Soil lead pipe, valves, fittings and everything needed in the plumbing line.

HEATING PLANTS

complete steam or hot water heating outfit, suitable for 7 room house, any ordinary mechanic can install. \$125.00. Send for our special heating catalogue. Ours specifications of your building.

Wind Mill Lift Pump \$3.65

Double acting, anti-freezing force pumps - \$9.00. Drive well force pumps - \$5.10. Pitcher spout pumps - .95. Double acting thrasher tank pumps - 5.50. Double acting force pumps - 8.00. We can supply anything needed in hand, wind-mill, steam and pump pumps, Pump cylinders and pump repairs, well tools and equipment.

Wire Nails \$1.50 per keg

An exceptional opportunity to buy a keg of nails containing mixed sizes all kinds together, from about 8d to 30d at \$1.50 per keg. We do not guarantee this assortment. Also nails, one size only to a keg at 25 per cent below the market. Wire Spikes, per 100 lbs \$1.90. Iron Bolts, per 100 lbs \$3.00.

Farm & Platform Scales

Three ton Steel Wagon Scale with 8x14 foot platform, other sizes all kinds together - \$29.75. Other Wagon Scales up to 5 - 5.00. 400 lb. capacity Portable Platform Scale, guaranteed - \$8.00. Brand new Counter Platform Scales, weigh from 1/2 oz. to 240 pounds \$2.25. Brand new Family Scale weighs from one ounce to 24 lb. - 90c.

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35th & Iron Sts., Chicago

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VOL. LI. NO. 41.

DES MOINES, IOWA, OCTOBER 11, 1906.

WHOLE NO. 2569

PROLIFICAOY IN THE POLANDS.

This subject has recently been discussed in The Swineherd by the secretary of the American Poland China Record, who, among other things, says:

Once more a "popular notion" has been demonstrated to be wrong. For about as long as I have a recollection, we have been told that the number of pigs in the litter was getting less and less from year to year, and that the Poland Chinas did not farrow pigs enough. A circular recently issued by the United States Department of Agriculture will certainly be of very great interest to Poland China breeders, as it completely disproves all that has been said in regard to the size of the litters farrowed by Poland China sows. The circular referred to should be in the hands of every person interested in hogs, and particularly Poland Chinas.

A very extensive and careful investigation was made of the subject and was conducted by Mr. Geo. M. Rommel, animal husbandman of the bureau of animal industry. The circular states that the investigation was started chiefly because of the predominance of the Poland Chinas over other breeds in the United States, and because charges had been made for years, that the sows of that breed have been decreasing in fecundity.

The statement was made that the bureau was urged to begin experiments looking to the increase of the fecundity of the breed. So the investigation was started to determine just how much of a decrease there had been in the matter of fecundity. The original intention was to use only the American Poland China Record, but the results were so startling and so contrary to expectations that it was thought best to use also the Ohio Record to see if there was any marked difference in the size of the litters as shown by the two Poland China records. The result of the investigation in the Ohio was strikingly similar to what it had previously been in the American Record.

The compilation was made to determine the average number of pigs farrowed for five years, beginning with 1882 and ending in 1886. Then a five-year period beginning with 1898 and ending with 1902, was used. Altogether the investigation comprised nearly 40,000 litters and there can be no reasonable question but what it is approximately correct and represents fairly and accurately the facts in the matter. The figures as published indicate that for the first five-year period the average number of pigs farrowed as shown by the investigation of the litters of both records, was 7.16 pigs per litter. For the five-year period, fifteen years later, from 1898 to 1902, the average size of the litter was 7.59 pigs per litter. The startling thing in regard to these figures is, that it demonstrates that instead of a decrease in the number of pigs farrowed, there has been an increase. During the first five-year period the average was only slightly above seven pigs to the litter, while the average for the last five-year period is a little more than seven and a half pigs per litter.

Not only is this increase in the fecundity quite marked, considering the comparatively short length of time covered by the investigation, but the size of the litters is certainly all that could be desired. Almost all well-posted breeders are agreed upon the fact that from seven to eight pigs to a litter is more desirable than a larger number. I have always doubted the claims that were being made, that the size of the litters were decreasing, and had been intending myself, similar to what the government has made, because I was sure the results would be something like that shown by the figures indicated above. I was not, however, prepared for any such a startling increase as these figures indicate.

This showing is certainly gratifying to breeders of this notable breed of swine, and, as stated by Mr. McFadden, the results of the investigation come as a surprise even to men most familiar with the characteristics of the breed. It would be interesting to learn the real cause of this increase in the fecundity of Poland China sows. No doubt it is partially due to the fact that men are feeding less corn to their breeding animals than formerly, and secondly, the more general introduction of the woven wire fence may be responsible for part of the change for the better. These

fences mean more exercise, more grass and more natural conditions than formerly existed. It is hoped that the record of this notable breed will be maintained along this line, if not increased. Breeders, however, should not rest on their laurels, but should continue to maintain the present standard at least and, if possible, raise it a little higher. Seven or eight pigs are plenty for any sow to raise, but as it is seldom possible to raise all that are farrowed we believe that it would not be too much to expect an average farrow of eight or even nine pigs.

BACK-SETTING EARLY PLOWED SOD.

One of our Missouri subscribers sends the following communication:

I plowed a thirty-acre field of sod last June and July, and I am wondering whether it would pay me to back-set the same this fall. In a measure you could really call it prairie sod, though it is largely composed of red top and blue grass. The land has always been a little wet and I tilled it out last year, so that this is the first year when there was an opportunity to plow it. The sub-soil is somewhat of a gumbo, and it takes a good deal of power to run a sixteen-inch plow. Since plowing the grass has made quite a start and I am thinking of disking the surface right away, and if I thought it would make it work easier next spring I would plow it again this fall. What would be your advice on the subject?

We would have no hesitation in advising this subscriber to do some back-setting this fall. It might be an excellent idea to disk the land before plowing, and possibly harrow it, as much better work can be done in plowing the second time if the surface is uniform.

There would at least be two advantages in getting the land plowed again this fall. In the first place it might be possible to plow at least an inch deeper than it was plowed the first time, while in the second place it will almost insure the killing out of the grass. If corn is to be put on this land next year the labor of keeping the crop clean will be materially lessened by a second plowing. Corn cultivators are weak implements when it comes to the matter of tearing out blue grass in a crop, and for that reason it is much better to go after the grass with three good horses on a good riding plow.

We appreciate the fact that the labor element is quite a factor in this case, because no farmer has time to do work of this kind unless he is convinced that his labor will count for much. Nevertheless, we will advocate the plan of plowing the land the second time if the

soil is sufficiently rotted to stand plowing again.

PROFIT IN HOG FEEDING.

The following communication has been received from one of our subscribers, Mr. W. H. Underwood, of Johnson county, Ill.:

The common mistake made in handling hogs is that of feeding too much. One day's overfeeding will do more harm than can be counterbalanced by several days' sensible feeding. Nothing is more important than regularity. The digestive system of animals adjusts itself to receive food at certain times, and if the animals do not receive it at the proper time they are unnecessarily worried. This results in loss. Frequently, irregular feeding causes the animals to become unduly hungry, so that they eat their feed too rapidly.

It is a mistake to think that any old thing will do for a hog. You cannot expect good meat unless clean feed is used. Corn should be fed in small quantities at first, and it should be gradually increased until the hog's system gets thoroughly used to it. I have always had better results in feeding corn in connection with mill feeds, alfalfa and clover hay. Turnips and artichokes are also good.

It is a mistake to allow hogs to have access to cold and damp sleeping quarters. You practically waste your feed in that case. Plenty of pure water is just as necessary as the feed, and it should be warmed in cold weather. Do not forget also to clean and disinfect their surroundings occasionally, and especially the troughs.

There is some wholesome advice in the above communication. We would like to emphasize the importance of getting hogs on feed gradually, and especially when they are to be fed corn. If one will take two or three weeks, or even a month, to get them on full feed, you will make greater gains during a given period than if an attempt is made to get them on a heavy ration suddenly.

Too much emphasis cannot be placed on the importance of keeping the hog quarters dry, and especially during the fall and winter. The best plan that we have ever found to prevent hogs from piling up is to keep them well supplied with bedding. Just as soon as it becomes tough and damp, throw it out and replace it with fresh. Simply because it is not soaking wet does not mean that it is still good enough to use. A big bunch of hogs running under a shed really ought to have their bedding changed every day or two. It will pay to buy the straw if one does not have it on hand.

We have never liked oat straw for hog bedding, and while ordinarily one has to use what is on hand, at the same time it frequently happens in every neighborhood that wheat straw is available. It

will almost pay to exchange with a neighbor a load of oat straw for a load of wheat straw, providing you cannot buy the wheat straw outright. There is something about the dust in oat straw that is very irritating to the skin of a hog.

FLAX AND OIL MEAL COMPARED.

The following communication has been received from a subscriber, Mr. T. B. Smith, of Kankakee county, Ill.:

Please inform me of the food value of oil meal as compared with pure flax seed. Would you advise feeding flax seed to fattening cattle? Would you think as good results could be obtained by the use of flax seed as from oil meal?

Concentrated foods like oil meal or flax seed are used because of the large percentage of protein or flesh-forming constituents which they contain. Flax seed contains about 22 per cent of protein, while old process oil meal contains about 33 per cent. Some idea of the relative richness of these foods may be obtained by comparing with corn, which shows a protein content of practically 10 per cent.

We can find no record of experiments having been conducted to ascertain the value of flax seed when it is fed to fattening steers. The Iowa Experiment Station, however, found that as high as eight pounds of flax seed could be fed daily to cows without any injurious results. It is no doubt more laxative than the oil meal and because of this will have to be fed cautiously to fattening steers.

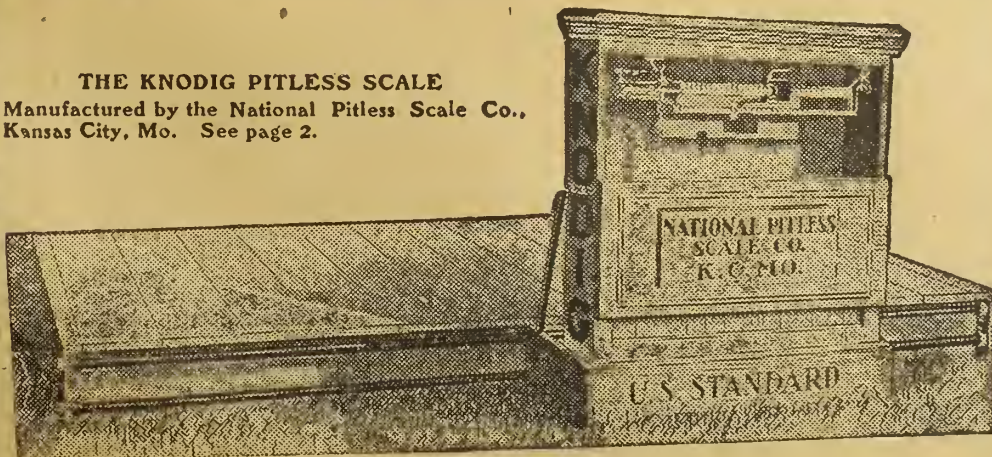
SUGAR BEETS IN KANSAS.

The Kansas State Board of Agriculture discusses the sugar-beet question in its last quarterly report. It seems that seventy-seven farmers of the state harvested 1,700 tons of beets in 1901; seventy-five grew 4,200 in 1902; eighty-six grew 700 in 1903; eighty-seven grew 6,300 in 1904; while in 1905, 123 growers harvested 8,600 tons.

Provision was made by a law passed in 1901 for the payment by the state of \$1 per ton on beets grown in Kansas and actually used for sugar manufacturing. The same year Hamilton, Kearney and Finney counties produced a little over 1,700 tons of beets, which were manufactured into sugar at Rocky Ford, Colo. That year it cost \$22 per acre to raise the beets, which showed a maximum sugar content of 22.8 and a minimum content of 13.3. Fifteen of the most successful growers netted a profit of \$28.48 per acre. The same counties produced practically all the beets raised in 1902 and 1903. In 1904, 23 per cent of the beets produced were grown outside of the Arkansas valley region, where the bounty had previously been paid. A group of Colorado capitalists purchased 27,000 acres of land in Finney and Kearney counties for beet-growing purposes, and early in 1906 a factory was started to be ready for this crop. It is to have a daily capacity for slicing 800 tons of beets. Contracts were secured for 6,500 acres, about half of this within wagon-hauling distance of the factory. The erection of this factory and the acreage of beets tributary to it this year will make the 1906 crop more than four times exceed the total tonnage of all the beets raised in Kansas during the previous five years. The investment made by this company, now known as the Unit-

THE KNODIG PITLESS SCALE

Manufactured by the National Pitless Scale Co., Kansas City, Mo. See page 2.



ed States Sugar and Land Company, represents more than \$300,000 in the factory and equipment. This means the sugar-beet industry is established in the state. The cost of raising beets on land worth \$75 to \$100 per acre is estimated in the Arkansas valley to be \$37.50 per acre.

The average yield runs from twelve to fifteen tons, though with a favorable season and skilful management a yield of twenty tons may be obtained. The net profit where everything is handled in an up-to-date manner usually runs from \$20 to \$40 per acre.

THE CENTRAL HOG HOUSE.

A bulletin has recently been published by the Illinois station dealing with the location, construction and operation of hog houses. The author, William Dietrich, is connected with the animal husbandry department and gives his entire attention to swine. Many of our readers will remember the bulletin prepared by

sunlight at noon on the shortest day of the year passes through window E and falls upon the floor of the south side pen on the opposite side from the window. The lower part of window D in the upper part of the building performs the same function for the pen on the north side of the alley as does window E for

from the floor. This necessitates a flat roof for the part of the building south of the alley.

In Fig. 2 is shown the ground plan of this central hog house. The building itself is marked off in the illustration by the letters O, S, T and U. The alley in the center is eight feet wide, which permits of driving through the building with a wagon, and the pens A are ten feet wide and eleven feet deep. Each pen has a doorway at M leading to the outside, and also one at N leading into the alley. The latter door is hung so that when two opposite doors are open it obstructs the alley. L represents a feed trough in each pen. Fig. K in each pen represents a fender consisting of a two-inch tubular iron bar placed on iron posts of the same dimensions and set in concrete in the floor. This bar is eight

"Life-Saver" Storm Front

Here is just what you want. A perfectly safe storm front that affords protection not only from rain and wind but in case of accidents. It's a life-saver as well as a perfect shield from rain, wind, cold, raw and dusty weather. When adjusted to the buggy it becomes a permanent fixture. Easily and quickly put on or taken off yet always ready for instant use. The horse is always in full view and the reins instead of passing through a hole as in ordinary fronts are in free use ready for any emergency. Plenty of light and ventilation. Roomy enough for third seat to be added if desired. Booklet tells how to get one free. The Safety Storm Front Co., 234 Huron St., Toledo, O.



a larger area than will a similar sized tile drain that is placed at a depth of three or three and one-half feet. In the second place, the thorough draining of a soil to a depth of four feet tends to furnish rather a larger root pasturage for plants than more shallow drainage. On the other hand, we have known instances where four-foot drains operated somewhat too slowly the first few years to justify putting them to that depth.

We recently had occasion to examine into the character of draining that was being done in a fertile section of Iowa. The soil was a rich black loam, but the subsoil in that case was rather stiff. We found that the best farmers were putting their drains down to a depth of three feet. We were told by men who had farmed some of the land thirty or forty years that this depth of three feet had been arrived at through practical experience. Indeed, instances were cited where men had taken up their four-foot drains and made them more shallow, as they operated too slowly.

The exact character of a soil has so much to do with a question of this kind that one can usually get the best information from others in the locality who have had some experience in the operations of drains at different depths.

The hog market was brought to a standstill one day last week at Kansas City. Packers refused to bid. Their action was the result of a misunderstanding as to the application of the new government inspection rules that were to have gone into effect on that day. The buyers thought that they would have to stand the loss of all animals that failed to meet the government requirements after having passed over the scales, and for that reason they refused to bid. It was not until Dr. H. L. Baker, in charge of the government inspectors, said that the old inspection regulation would apply that trading was resumed.

On another page this week, The Litchfield Manufacturing Company, of Waterloo, Iowa, are telling our readers something about gearing on Manure Spreaders. It is worth reading.

THE KNODIG PITLESS SCALE.

Every farmer in the corn belt should have a scale of his own. If he is selling grain or live stock he can usually save the price of a good scale in one year. If you know what your loads weigh before starting from home there is little danger of your being cheated in town, because the town scale or feed-yard man soon learns who has scales. We know of one instance where on a sixty-bushel load of corn the town scale was off 800 pounds, and as corn was selling at fifty cents a bushel a few experiences of that kind would pay for a scale. At this time we desire to call attention to the Knodig Pitless Scale, an illustration of which is found on page one of this issue. This scale has all the advantages and none of the disadvantages of the old-fashioned kind. It is guaranteed to be absolutely accurate, because tested according to the United States standard of weights. It is manufactured by the National Pitless Scale Company, of Kansas City, Mo., and is sold directly to the user, thereby cutting out the middleman's profits. The manager of this company, Mr. Gumbel, has been singularly successful in placing a reliable, though reasonably-priced scale within the reach of farmers. His plan is to let any farmer, stockman, elevator man or grain dealer use the scale one month on trial, and if it is not then satisfactory the company will pay the freight both ways. Without spending a single cent, therefore, you can obtain a trial of the Knodig Pitless Scale. Please insert your name and address on the corner of the advertisement on page 43 and send it to the National Pitless Scale Company, 2011, Wyandotte St., Kansas City, Mo.

DENVER AND RETURN OCTOBER 13TH TO 16TH.

On the above dates the Chicago Great Western Railway will sell round-trip tickets to Denver and return at rate of one fare plus \$2. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Chessman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

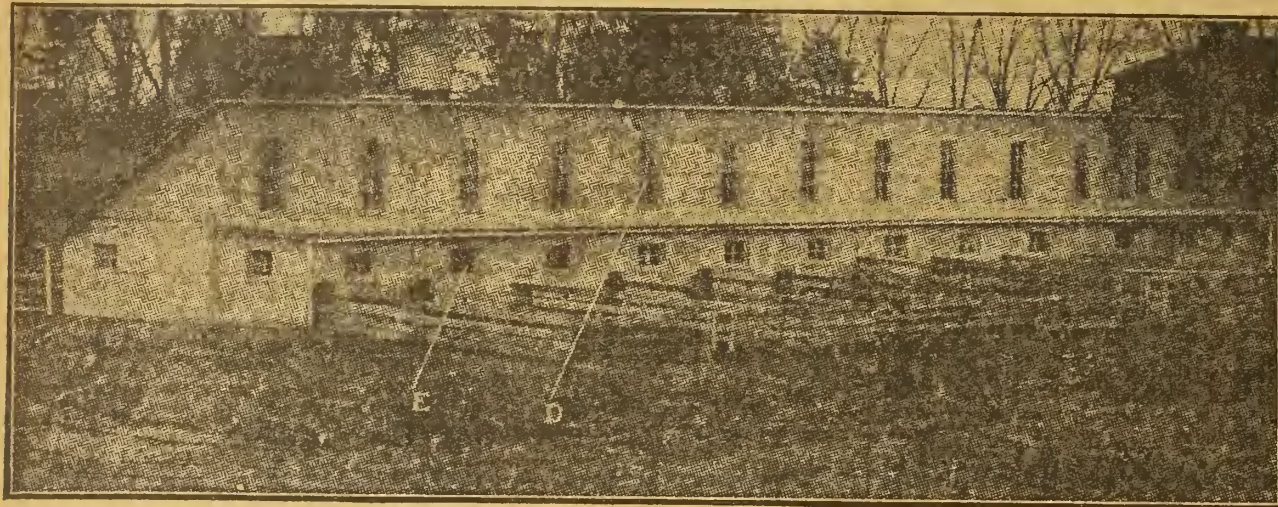


FIG. 1. THE CENTRAL HOG HOUSE.

Mr. Dietrich on the market classes of swine.

Illustrations of one large central hog house are given in this bulletin. In Fig. 1 is shown the plan of a house thirty

the pen on the south side. In order to have these windows admit the greatest amount of sunshine the top window E should be five feet and six inches from the floor. The upper win-

or nine inches above the floor and about six inches from the wall, and is used to prevent sows from crushing their pigs at farrowing time. It is assumed that the sow will necessarily make her pen in this corner, as the other two corners are occupied, two of which have doors and the other the feed trough.

Feed bins, scales, mixing room, etc., are represented by the letters C, D, I, etc., while G represents a small office. All pens open into outside yards, each yard being the width of the pen and twenty-eight feet long. The cost of a hog house with all accessories as outlined above is given as follows:

Foundation, tile drain, floor and chimney	\$649.25
Lumber and windows	639.70
Iron posts, gates, panels and fenders	244.80
Hardware	53.65
Paint and painting (two coats)	54.00
Labor (carpenter)	290.00
Tar and gravel roof	79.15
Scales	100.00
Total	\$2,110.55

The cost of the brick floor with cement filler when the brick is laid flat, as in the pens, is eighty cents per square yard and when laid on edge, as in the alley, \$1.12 per square yard. The four-inch cement floor in the pens cost \$1.00, and the six-inch cement floor in the alley cost \$1.35 per square yard. This is exclusive of the cinders used for the foundation in both the brick and the cement floors.

DEPTH OF TILE DRAINS.

The following communication has been received from one of our subscribers, Mr. S. Coon, of Mitchell county, Iowa:

I am about to do some tile draining and would like a little advice concerning the depth to which drains should be dug. The top twenty inches of my soil is composed of a black loam, the next twenty being a somewhat porous clay. Deeper than that is a mixture of clay and gravel. My mains are already dug and they are four feet deep. There are draws or swales to be drained into these mains, and the fall will be five or six inches to the 100 feet. I will use four, five and six-inch tiles. Now, what I would like to know is how deep these laterals should be dug. Do you think it would drain better if they were put down four feet than if laid three feet deep? The extra foot in depth would cost fifteen cents per rod.

Lateral drains three feet deep are, as a rule, very satisfactory on a very considerable acreage of corn-belt land. The soil described by this subscriber may stand somewhat deeper drainage, as the subsoil is apparently more porous than the surface. Professor Elliott, of the department of agriculture, Washington, gives it as his opinion that the right depth of lateral drains on prairie soil is from three to three and one-half feet. Of course drains put down to a depth of four feet will remove the water from

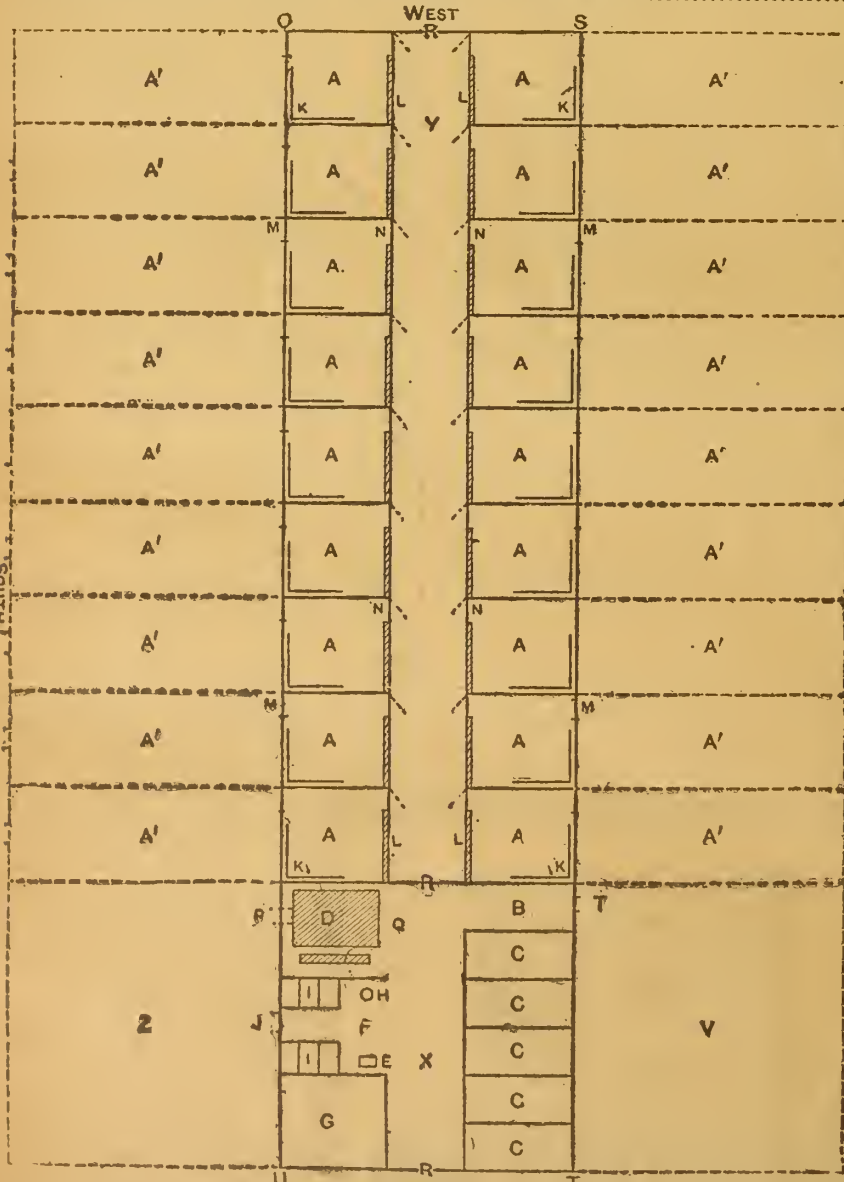


FIG. 2. PLAN OF CENTRAL HOG HOUSE.

feet wide and 120 feet long. It stands lengthwise east and west, with the windows on the south side. The windows, represented by the letters E and D in the illustration, are so placed that the

dow, which throws light into the pen on the north side, should be longer, but a point in this window the same distance above its lower end as the height of window E should be nine feet eight inches

Farm Furrows

Turned by a Practical Farmer.

One way to have good neighbors is to do unto others as if you were the others.

A cheap scrub is the dearest animal on a farm. It may be dear in two ways.

I have lived long enough to know that it is easy to hire a man to dig a ditch the way he wants to dig it.

There are mean hogs as well as mean men, and when the two are found on the same farm there is certainly a great mess.

If boys are required to handle guns, it is well that they be taught how. It is surprising how many men get killed in the careless handling of guns.

An agricultural axiom was written as early as the year 1758, as follows: "The finer the earth is made by tillage, the more it is enriched by rain, dew and air."

A western man has discovered that his poultry does much better when provided a bed spring on which to roost. He says they rest better and thus are made more profitable.

Have you observed that some farmers almost always have good crops? Of course in a bad year they do not have as good crops as they do in good years, but it is safe to say they have the best crops in the neighborhood.

It pays to fertilize crops. If twenty loads of manure on an acre only increases the crop five bushels of corn, there is a gain by it, for that fertility will be evident on that acre for many years.

The wife and daughter should not be required to ask for every quarter they get for spending money. They should be recognized as part of the firm, and should have a good share of the funds without having to beg it. Come, now; be generous and see how much better you'll feel.

Not long since I saw a nice farm dwelling where the farmer was so economical that he planted corn right up to within a few feet of the house. Now it occurred to me that the owner of that house could have arranged for a nice lawn to advantage even if no pecuniary gain could accrue.

On some of the tall and percipitous bluffs of yellow clay along the Missouri river I saw many kinds of weeds and sweet clover growing. Two things came to mind. One was that the weeds were tenacious of life to take a habitation in such a place and the other was that the poor looking clay was fertile.

I am led to wonder what has become of the habit of shaking the table cloth after meals, which has always been so acceptable to the dog, the cats and the chickens. As a boy I learned to look for this act of clearing away the table, but nowadays a crumb pan takes off the scraps. We look in vain for the pretty girl in this old line after-dinner act.

Some men take hold of new and helpful devices very reluctantly. It requires time and a good deal of waiting to get some men to do their best. This reminds me of a man who had his house and barn blown into matchwood by a cyclone and he was carried into the next township, and when he had dug the clay out of his mouth sufficiently to speak and people asked him about the storm, he said, "Why, I haven't heard anything much about a storm." It takes cyclonic meas-

ures sometimes to get men to see where they are.

Have you been successful in killing quack grass? If so, how do you do it?

When providing a salt box to hold salt for the stock, please label it "Salt," so the stock will know what is in the box. This is a suggestion of one of our correspondents.

The man who "had better stock and farm products at home," than those exhibited at the fair, was there this season. He usually shows up, but he seldom exhibits any of the results of his labor.

If prone to look after the affairs of a neighbor, please remember that this is not the forte of a farmer. The lawyer is the only man on earth who can get rich attending to the business of other people.

Occasionally a horse will form a habit of chewing the ends of the halter strap and such other parts of the harness as he has access to. Equal parts of cayenne pepper and fish oil applied to such straps will cure the worst strap chewer.

This is the age of the handy man—the man who applies his thoughts to make things himself rather than to hire them made. He is not only doing these, but he has his eyes open to note what others are doing so he can apply their best ideas to his own needs.

Sam visited the Dakotas and found that things were done on a large scale out there. He says one farmer started out in the spring and plowed a furrow until fall, and then he harvested back. One man owned a farm there that was so big that when he put a mortgage on it, it came due on one end before it was recorded on the other.

After due deliberation and much examination and observation I have come to the conclusion that the edge drop planter device is the best invented today. I watched a planter at a fair fifteen minutes and did not see a break from the usual three grains. It is true that the seed was graded and it is evident that it should be on the farm as well as at the fair.

The time is at hand when a stockman can afford to use some of the coal tar preparations for preventing the ravages by flies. Cattle can be sprayed occasionally with the "stinking" stuff and the flies will give them a wide berth. I believe that some of these preparations can be used to advantage in odoriferous manure piles and thus kill flies before they are born.

Sometimes when there has been a drouth and the pastures are dry, Johnny will be kept home from school to herd the cows in the lane. The cows and the lane will be benefited, but how about Johnny? Johnny should have every advantage possible. There is but one Johnny, but there will be other cows and lanes long after it will be too late for Johnny to get the right start in life.

A barbed-wire fence was heard to make the remark: "I've been in the cattle and horse business for many years, and I have observed that I always got more horses and cattle when I was down and out of repair. I may have to retire, however, as my neighbor, the woven wire, is expanding his domain." It is getting to be a question whether a farmer who raises good horses can afford to have a barbed-wire fence.

A plow that had been left in the ground where used last was heard to say: "I seem to be stuck on my job, but I'll lose all my brightness if I stay here long." "Oh, never mind," said a self-binder in a fence corner, "I'm bound to stay here with you until called to do more binding." Then a hay loader chimed in by saying: "I've had my ups and downs, but this location is damaging to my slats, but I am still 'loading' more trouble on my master."

I picked up an eastern farm paper recently and read an item to the effect that in Dakota there are farmers who grow two crops of clover, from the second of which they get a yield of seed. A new kind of thrasher is employed to thrash out the clover seed, which sells at from \$7 to \$8 per bushel. I wonder. For more than a century farmers have been obtaining seed from the second crop, and for more than fifty years the clover huller has been doing its work, and



One of the largest and best equipped institutions of learning in the west. Over \$700,000.00 has been invested in buildings and equipments.

Special Terms open October 15th, November 27th, and January 2d, 1907.
The new school year opened September 4th, with students in attendance from twenty-one states and Canada, and with an increase of from fifteen to fifty per cent in the various departments of the school.

All regular College Courses are maintained and in addition to these the College maintains

FIVE GREAT ASSOCIATE COLLEGES

The Normal College. This is a thoroughly equipped Normal School which makes a specialty of preparing teachers for all grades of public school work. There is also a special Primary Training Department with practice school. Supervisors Course in public school drawing. Tuition for a quarter of twelve weeks, \$12.00. Send for free catalogue.

College of Pharmacy. The largest and most completely equipped College of Pharmacy in the country. One hundred and seven graduates last year.

Regular Courses leading to the Ph. G. and Ph. C. degrees.

Special Course of three months to prepare druggists for examination before State Boards of Pharmacy.

Correspondence Course for druggists who can not leave their business.

All expenses for tuition, board, room, light, heat, library, gymnasium fee in the Ph. G. course may be reduced to \$206.00, and for Ph. G. and Ph. C. Courses to \$300.00 if paid in advance. No entrance examinations.

College of Music and Oratory. The largest College of Music and Oratory west of Chicago. Fourteen teachers—each an artist. Thirty pianos—four grand pianos. Voice, Piano, Violin, Harmony, Chorus, Orchestral and Band Music. Supervisors' Course in Public School Music.

A Thorough College of Oratory special attention given to preparing teachers for readers and public speakers. Send for catalogue.

Consider the advantages of taking your course at a thoroughly equipped, first-class College, and write for catalogue giving complete information about the work in which you are interested. Remember you can enter any day you are ready to come and your term begins the day you enter. Address **O. H. LONGWELL, President, HIGHLAND PARK COLLEGE, DES MOINES, IOWA**

College of Engineering. The largest and most Engineering Schools in the West. Civil, Electrical, Mechanical, Steam, Traction Engine, Telephone, Telegraph, and Machinists' Courses. Thoroughly equipped machine and wood shops. Complete Electrical and Chemical Laboratories. Shop work from the beginning.

Some specially attractive short courses in Electrical, Steam and Traction Engineering. A regular Machinist's Course where one may learn the machinist's trade. No entrance examinations. Send for catalogue and special information. Tuition, \$20.00 for quarter of 12 weeks.

College of Commerce. This is as complete a College of Commerce as can be found in the United States. It consists of the following departments:

1. Business College
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Tuition three month's in Business Course, \$12.00. Scholarship in Shorthand and Telegraphy \$40.00.

Marlin

To kill a grizzly bear at one shot requires a mighty powerful cartridge and a strong, accurate gun. Poor guns have cost many lives among big game hunters. But whether the game be dangerous or not the **Marlin** man always gets perfect service.

Marlin rifles are sure, simple, strong and accurate. **Marlin** rifles are comfortable to carry, balance well and come to the shoulder with that ease and certainty which guarantees good shooting always.

Marlin rifles are made in all calibers for all kinds of game.

Send 6 cents in stamps for a catalogue, and you will surely find the gun you have been looking for, be it anything from .22 to .45-90.

The Marlin Firearms Co.,
135 Willow Street, New Haven, Conn.

the seed sells for nearer \$10 per bushel than any other price. Mr. Editor, wake up!

The matter of postponement of manure hauling at this season of the year in order to further something else should be debated carefully and long before concluding to let the manure remain. Hauling out manure should be regarded as one of the most necessary things to do at this season of the year. Sometimes when other things are allowed to come in the way it is neglected and the accumulation of manure is bothersome.

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY.
On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return

DITCHING MACHINE.

The **CYCLONE** Has No Equal Nor Superior

For Cutting Tile Ditch, CHEAP.

QUICK. Perfect. With six horses and two men the **CYCLONE** will easily cut **FOUR HUNDRED** rods of tile ditch, 24 to 30 inches deep, 9 inches wide. Sold under a guarantee to do more work than any ditching machine on earth at same cost. Every Farmer and Ditcher should know all about it. Write for circular, price, terms. **SOLD DIRECT.** A GREAT SELLER. A BIG Money-maker. Manufactured and sold by **JESCHKE MFG. CO., BELLEVUE, OHIO.**

Gold Watch FREE AND RING

We positively give both a Solid Gold Laid STEW WIND American movement Watch highly engraved and fully warranted timekeeper equal in appearance to a Solid Gold Watch; also a Solid Gold Laid Ring, set with a Famous Congo Gem, sparkling with the fiery brilliancy of a \$40-diamond, for selling 20 pieces of handsome jewelry at 10c each. Order 20 pieces and when sold send us the \$2.00 and we will positively send you the watch and ring also a chain. Ladies or Gents style. **ALTON WATCH CO., Dept. 131, Chicago.**

and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

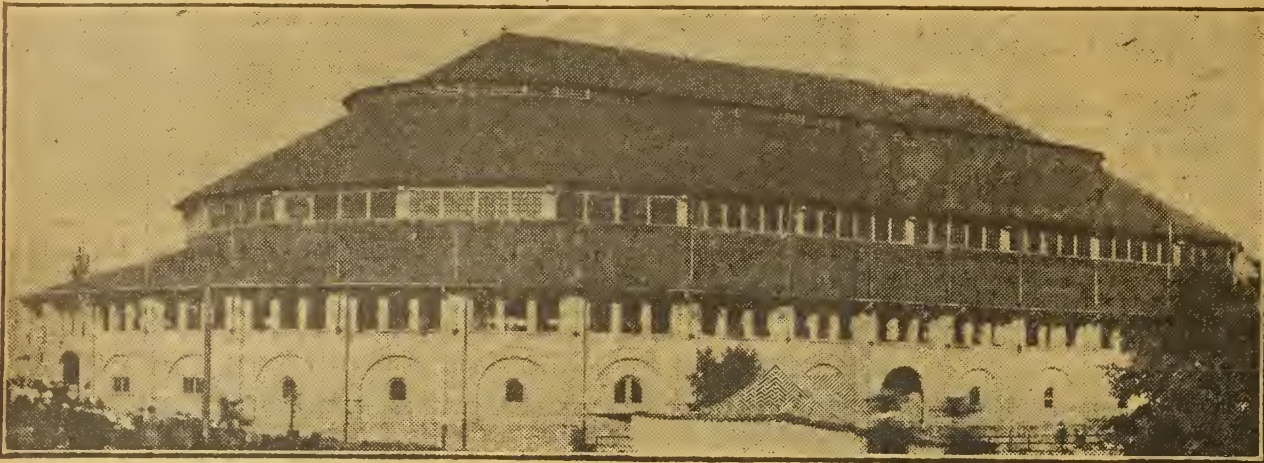
WHAT DO YOU SAY?
Several hundred thousand farmers say that the best investment they ever made was when they bought an

Electric Handy Wagon

Low wheels, wide tires; easy work, light draft. We'll sell you a set of the best steel wheels made for your old wagon. Spoke united with hub, guaranteed not to break nor work loose. Send for our catalogue and save money.

ELECTRIC WHEEL CO., Box 43, Quincy, Ill.

ILLINOIS STATE FAIR



STOCK JUDGING PAVILION

The refusal of the Springfield fair officials to accept the date assigned them by the State Fair Managers' Association cost the Illinois institution a few thousand dollars loss in gate receipts last week—a loss attributable to a few light attacks of wet weather. Not, however, until the fair's money-box bulged with the lucre of three crowded days, did the showers come. The showers of Thursday and Friday cut the attendance, but interfered but little with the fair proper, for the reason that the buildings are sufficiently ample to shelter all and then some. In this ability the Illinois institution stands alone of those of its kind in the corn belt. The appreciation of the people for the large equipment put there by the state is the best example that could be flung in the face of parsimonious sister states. This alone makes Illinois the standard by which all corn-belt fairs are compared.

The Alton shuttle train service between Springfield and the fair grounds was not available this year, and the result spelled discomfort to thousands of weary sight-seers. The numerous wait-a-while switches on the city electric line made travel to and from the fair tedious and tiresome. Here is one of the best fairs of the series with undoubtedly the poorest transportation service of any on the list. The two-hour daily service given by the C. P. & St. L. trains helped some, but before another year nothing should be left undone to increase transportation facilities. If nothing else is done the city line should be double-tracked every foot of the way to the fair ground.

The Illinois State Fair has been doing some work along educational lines that is not yet fully appreciated by the people of the state. We refer to the school of domestic science, operated under the direction of the state farmers' institute and board of agriculture. In a building specially erected for the purpose, experts disseminated information to the farmers' wives and daughters in attendance relating to the proper cooking of foods, the sanitation of the home, care of the sick, etc. In addition to the free lectures given to the public, fifty young ladies from the farm were given a thorough two-weeks' course in domestic science. Year after year this work has been going on quietly, but with telling effect upon Illinois farm homes. Each student afterward becomes, as it were, a missionary in her community, and thus spreads the leaven of enlightenment emanating from the Illinois State Fair. The instruction given during the week by the dairy division of the agricultural college is worthy of the most favorable comment also. The making of high-class dairy products in the presence of interested farmers and their families must accomplish much, as it goes directly to the weakest point of the whole dairying system, namely, the country butter supply. Hundreds and possibly thousands of people saw last week just the conditions butter should be in when the churn is stopped, and the experience will have its beneficial effect on the dairy output of the state.

No feature of the Illinois fair bears comparison with others better than the agronomy division, composed of the exhibits in the "dome" building. The farm produce display was superb this year, and in the matter of corn the exhibits

outclassed all former records. The ten-acre lots as well as the 100-acre entries meant the keenest kind of contest between exhibitors, and a most fascinating and instructive feature for visitors. No man could examine the corn at the Springfield fair and fail to be convinced of the great improvement that has been made in corn in recent years. It was plainly apparent that the agricultural college and the corn-improvement associations are getting in some good work, the practical outcome of which is already found in the increased state yield. The display made in the dome building was a constant center of interest during the week and the miniature reproduction of the experiment station grounds accomplished much by way of impressing visitors with the character of the work being done in their behalf at Champaign.

Some changes were made in the personnel of the board of agriculture at the election held during the week. George H. Madden, of Mendota, formerly head of the speed department of the fair, was made president, his successor from the twelfth district being A. J. Lovejoy, of Roscoe, a man of large abilities and broad experience, one who will render creditable service to the people of the state. J. O. McComb, of Chicago, succeeds James Frake, while C. M. Woods, of Springfield, succeeds Wm. A. Young, of Butler, and the former president, A. D. Barnes, is now vice-president-at-large.

There are things to do yet that can be done only by the board. At present some of the effect of the fair is lost on account of slow judging. There is no excuse for keeping exhibitors in suspense to the end of the week. When the awards are made early, the fair becomes more educational for visitors. Parades

made one of the most spirited and interesting contests of the beef breeds. While it was generally expected that competition would be keen, some of the decisions were in the line of a surprise and not a few of the side ring talent were on the fence when it came to making a choice for the ribbons. Well-conditioned animals of the show-ring type was the rule without exception, making the work of rating a very difficult task, and M. A. Judy, of Beecher, Ill., who was selected to choose the winners, found the onlookers in some cases hard to please, although on the whole, decisions were satisfactory and breeders bore their gains and losses with good grace. The list of breeders are Carpenter & Ross, Mansfield, Ohio (13 head); Adkins & Stevenson, Bement, Ill. (11 head); D. R. Hanna, Ravenna, Ohio (11 head); F. W. Harding, Waukesha, Wis. (17 head); J. C. Roach, Girard, Ill. (1 head).

AWARDS.

Aged Bull—First, Harding, on Whitehall Marshall 209776; second, Hanna, on Missie's Diamond; third, Adkins & Stevenson, on Invincible Hampton 206226; fourth, Carpenter & Ross, on Scot Mint. The champion of many shows needs no comment further than to say that he easily held his place in good company. Compared to his superior, the Missie bull is lacking somewhat in width of body, though a bull of excellent side view and is rather stronger in front than behind. He shows admirable Short-horn character. The next choice was hardly the most favorable one with the onlookers, many preferring the elegant white bull put down to last.

Two-Year-Old Bull—First, Carpenter & Ross, on Highlander; second, Roach, on Baron Hobson. The second choice was of hardly the popular type of winners seen of late, though a splendid rich roan of considerable character.

Yearling Bull—First, Carpenter & Ross, on Avondale; second, Hanna, on Diamond's Mariner; third, Adkins & Stevenson, on Lad's Champion; fourth, Adkins & Stevenson, on Royal Lad. The two latter bulls are sired by Red Lad 149033 and while well made, were hardly up to the quality and finish of the first and second.

Bull Calf Under Twelve Months—First, Hanna, on Diamond's Pride; second, Harding, on Anoka Sultan; third, Hanna, on Scottish Mint.

Bull Calf Under Six Months—First, Hanna, on Diamond's Pride; second, Harding, on The Gods; third, Harding, on Sultan Commander 263132.

Aged Cow—First, Hanna, on Ball Craggan

as beautiful a front is most uncommon as is seen in this promising heifer.

Yearling Heifer—First, Harding, on Clara Belle; second, Harding, on Missie of Brown-dale; third, Adkins & Stevenson, on Amy 2d; fourth, Harding, on Bessie Banner; fifth, Carpenter & Ross, on Rosewood 86th. The high-grade finish and bloom of the first two put them in a class by themselves.

Heifer Six and Under Twelve Months—First, Harding, on Anoka Gloster 2d; second, Harding, on Claréty Choice Goods; third, Adkins & Stevenson, on Amy 3d; fourth, Adkins & Stevenson, on Annette 9th. Calf Under Six Months—First, Carpenter & Ross, on Sweet Duchess of Gloster 2d; second, Hanna, on Diamond Lavender; third, Harding, on Roan Lady; fourth, Harding, on Ramsden Flower; fifth, Carpenter & Ross, on Annagathel. For first choice was selected a splendid calf, of elegant handling, especially over the ribs, and a show animal of great promise in the future.

Exhibitor's Herd—First, Harding; second, Hanna; third, Carpenter & Ross. The herd classes presented some most wonderfully uniform groups, most notably in those of the Wisconsin exhibit, and while one or two stars may bring fame to a herd, it is the uniform excellence throughout that counts for more.

Breeder's Young Herd—First, Harding; second, Adkins & Stevenson; third, Carpenter & Ross; fourth, Hanna.

Calf Herd—First, Harding; second, Adkins & Stevenson.

Get of Sire—First, Harding, on get of Whitehall Sultan; second, Hanna, on get of Bapton Diamond; third, Adkins & Stevenson, on get of Invincible Hampton.

Produce of Cow—First, Hanna, on produce of Missie C.; second, Harding, on Clara 158th; third, Adkins & Stevenson, on Amy; fourth, Harding.

Champion Senior Bull—Whitehall Marshall. Champion Junior Bull—Diamond's Crown. Champion Cow—Anoka Broadhocks. Champion Heifer—Clara Belle.

RED POLLS.

The exhibit of this breed surpassed all expectations and from the large number of animals of strikingly uniform excellence it would appear as if the Red Polls were coming to fulfill the claim that this is a farmers' breed, that is, the all round kind. Those qualified to know, expressed their opinion that it was, without doubt, the grandest and largest showing ever made by the breed in this country. The two essentials of a creditable exhibit, namely, number and quality, were harmoniously combined in the Red Poll classes. Prof. Thos. Shaw, of St. Anthony Park, Minn., made the awards and the universal satisfaction with which his decisions were received was a high tribute to his judgment. Classes of from a dozen to twenty in number made the work of placing an extremely slow and difficult task and with scarcely a cull in any of the rings the difficulty was increased and could be won only by a small percentage of the animals shown. Professor Shaw was enthusiastically complimented over the splendid effort made to bring this breed before the public. From beginning to end there were unusual features of interest from the array of eight aged bulls to the herd display. A few changes were made in the rating compared with previous placings. This was partly accounted for by the fact that several of the herds were showing the effects of delay and privation, due to bad weather. The Hartline exhibit was rather weak in the males, but among the females there was shown three generations, two of them taking first in their classes. The list of breeders is as follows: J. Slimmer, Wau-sau, Wis. (12 head); Geo. B. Buck & Co., Orion, Ill. (5 head); G. W. Coleman, Webster City, Iowa (12 head); Borden Stock Farm, Tonte, Ill. (20 head); Adolph P. Arp, Elridge, Iowa (15 head); Kestel & Schrotberger, Gardner, Ill. (13 head); H. S. Garman, Adeline, Ill. (10 head); Frank Hartline, Strasburg, Ohio (11 head).

AWARDS.

Aged Bull—First, Garman, on Brunce 11287; second, Borden Stock Farm, on Pochto 12042; third, Arp, on Nailer 7396; fourth, Kestel & Schrotberger, on Monarch 11941. A strong class of eight herd headers made it possible



Percheron Group, owned by Crouch & Son.

of live stock should be a much more conspicuous feature of the entire week. Larger quarters should be provided for swine, and while the board must look to the state for building money, yet it is suggested that the very next appropriation asked be for this purpose, as it is most urgent.

CATTLE.

SHORT-HORNS.

The Short-horn exhibit was full of quality from start to finish and for the numbers

Favorite; second, Carpenter & Ross, on Roan Princess; third, Harding, on Moneybuffle Maid; fourth, Harding, on Princess Flora 2d. First selection is a great, massive cow of 1,850 pounds. She carries a very even covering, well placed and with good handling qualities. Some might fault her style. Roan Princess was, to the surprise of some, brought up from third. Her massiveness and great arch of ribs combined in a form of even proportions from end to end gave her the place.

Two-Year-Old Heifer—First, Harding, on Anoka Broadhocks; second, Hanna, on Pleasant Duchess; third, Carpenter & Ross, on Joe; fourth, Carpenter & Ross, on Mina Princess. For first it was an easy pick, and

for Brunce to win only through his excellent type and masculinity. None of the bulls without strong claims for their places.

Two-Year-Old Bull—First, Borden Stock Farm, on Nerod 12699; second, Slimmer, on Dare 13455.

Yearling Bull—First, Kestel & Schrotberger, on Slow Boy 15368; second, Hartline, on January 14613; third, Kestel & Schrotberger, on Rube 15363; fourth, Coleman, on Logan 13500.

Bull Calf Six Months and Under Twelve—First, Buck & Co., on Rambler 14607; second, Borden Stock Farm, on Lucio 14678; third, Kestel & Schrotberger, on Duke 15370; fourth, Coleman, on Leader. Rambler is a calf of most exceptional quality; perhaps he is a

bit too fine and could stand more size, but for form and Red Poll character he approaches perfection. Following him the type was less refined and more up standing.

Bull Calf Under Six Months—First, Borden Stock Farm, on Bruce, 15381; second, Buck & Co., on Monmouth; third, Arp, on Nailer's Boy 15335; fourth, Hartline, on Nick. **Aged Cow**—First, Hartline, on Celia 18038; second, Silimmer, on Nell 18727; third, Arp, on Lala 18480; fourth, Buck & Co., on Eva 3d 16529. A class of nineteen made this one of the striking features of the Red Polled display. It was a sight worth a trip to the fair to see. While Celia is not a remarkable cow in any one quality, she combines many good traits in her makeup. Her type is about as near the dairy form and yet the dual characteristics are there. A cherry-colored, melon coat adds greatly to her general excellence. The second cow had more covering and less symmetry in lines, but was somewhat more compact and had every indication of a good performer.

Two-Year-Old Cow—First, Hartline, on Marie 21533; second, Silimmer, on Duke's Hagar 23778; third, Buck & Co., on Eva Falstaff 3d; fourth, Borden Stock Farm, on Poplin 3d 21852.

Yearling Heifer—First, Borden Stock Farm, on Ultrada 7th 24099; second, Borden Stock Farm, on Marian Charlotte 24101; third, Hartline, on Ruth 23749; fourth, Garman, on Violet 24537.

Heifer Calf Six Months and Under Twelve—First, Hartline, on Lauretta 24755; second, Silimmer, on Cuba 4th 25396; third, Coleman, on Esther 24970; fourth, Borden Stock Farm, on Diantba 24477.

Heifer Calf Under Six Months—First, Borden Stock Farm, on Nopsy 25912; second, Buck & Co., on Little Eva; third, Borden Stock Farm, on Charlotte 2d 25913; fourth, Arp, on Bedelia 25848.

Exhibitor's Herd—First, Hartline; second, Borden Stock Farm; third, Silimmer.

Breeder's Young Herd—First, Borden Stock Farm; second, Hartline; third, Buck & Co. **Calf Herd**—First, Borden Stock Farm; second, Coleman; third, Buck & Co.

Get of Sire, Four Animals—First, Borden Stock Farm, on get of Poehito; second, Silimmer, on get of May Duke 8th; third, Kestel & Schrotberger, on get of Irwin.

Produce of Cow—First, Hartline, on produce of Miss McKinley; second, Garman, on produce of Flybelle; third, Borden Stock Farm, on produce of Charlotte.

Champion Senior Bull—Nerod.

Champion Junior Bull—Ramblor.

Champion Cow—Marie.

Champion Heifer—Loretta.

ABERDEEN-ANGUS.

The Angus display was excellent in every way, and the breed maintained the high standard that usually characterizes the dodie showing. While some of the herds that have been showing went to Missouri this week, there were others equally as good that came from the East. However, what would have happened here in case the western herds had shown up will probably be witnessed in a battle royal at the Kansas City show. The contest was most intense between the herds of Mr. McHenry and Mr. Bradfute. There is some difference in the type of the two collections, the former being compact and rounded in contour; the latter of the growthy complexion. The ratings by M. A. Judy, of Beecher, Ill., were generally satisfactory. Well-conditioned animals were the rule and with no culls many a difficult proposition was found in the classes. The list of breeders includes W. A. McHenry, Denison, Iowa (11 head); W. N. Foster, Stone Bluff, Ind. (9 head); O. V. Battles, Maquoketa, Iowa (8 head); T. L. Rothwell, Mt. Pulaski, Ill. (14 head); D. Bradfute & Son, Cedarville, Ohio (8 head); O. W. McDaniel, Versailles, Ill.

AWARDS.

Aged Bull—First, McHenry, on Baden Lad 61883; second, Rothwell, on Evening View Earl 57911.

Two-Year-Old Bull—First, Foster, on Eraste 2d 78634; second, Battles, on Brookside Fame 73640; third, Rothwell, on Pilot of Keilor Park.

Yearling Bull—First, McHenry, on Star of Denison 82426; second, Bradfute & Son, on Alden of Meadow Brook 846115; third, Foster, on Echoito 83734; fourth, McDaniel, on Castle H. 81995. Easily the smoothest and best in quality was McHenry's bull, though for weight and width he was not equal to second choice. Some would have reversed the next two, giving preference to the blocky fellow over one of prominence at shoulder and hips.

Bull Calf Over Six Months and Under Twelve—First, McHenry, on Prince Pico 93306; second, Foster, on Brookhurst Prince 94956; third, Rothwell, on Ola's King. Prince Pico has held his place consistently throughout the season and will be watched with interest from now on, as his great type and finish are most captivating.

Aged Cow—First, McHenry, on Glenfoil

Rose 63489; second, Battles, on Blackbird of Denison 31st 38949; third, Rothwell, on Ex-cello Endora; fourth, Rothwell, on Loquacious.

Two-Year-Old Cow—First, Bradfute & Son, on Minnie 72461; second, Bradfute & Son, on Twill 72460; third, McHenry, on Barbara McHenry 3th; fourth, Battles, on Marguerite D. 72307; fifth, Rothwell, on Queen's Blackcap 8th. Minnie is a No. 1 heifer, bard to improve on, while beside her was one by the same sire of very even conformation from end to end, well arched on top and compact over the shoulder. No. 3 was somewhat shorter in body, but the equal in finish and quality of any.

Yearling Heifer—First, Bradfute & Son, on Quisiana of Meadow Brook 84603; second, McHenry, on Pride McHenry 45th 82421; third, McHenry, on Abess McHenry 6th; fourth, Bradfute & Son, on Minnie 2d of Meadow Creek 84613; fifth, Bradfute & Son, on Myrtle 2d of Meadow Creek. First choice held her place from the beginning, though the one next her had claim to careful consideration, being an excellently-fronted individual.

Heifer Calf Six and Under Twelve Months—First, McHenry, on Abess McHenry 7th 93307; second, McHenry, on Pride McHenry 53d 93305; third, Foster, on Brookhurst Queen 94955; fourth, Bradfute & Son, on Lavender 4th of Meadow Brook 20279.

Heifer Calf Under Six Months—First, McHenry, on Blackbird McHenry 66th 93314; second, Foster, on Lucia of Brookhurst 94953; third, Bradfute & Son, on Quinne of Meadow Brook 95845; fourth, Battles, on Marguerite D. 2d; fifth, Foster, on Brookhurst Lillian 94957. W. N. Foster came up in this class with a splendid calf that had full right to his place.

Exhibitor's Herd—First, McHenry; second, Battles; third and fourth, Rothwell.

Young Herd—First, McHenry; second, Bradfute & Son; third, Foster; fourth, Rothwell.

Calf Herd—First, McHenry; second, Foster; third, Rothwell.

Get of Sire—First, Bradfute & Son, on get of Lucy's Prince; second, McHenry, on get of Bobby Dobbs; third, Foster, on get of Kentucky Prince; fourth, Rothwell, on get of Blackbird Heatherton.

Produce of Cow—First, Bradfute & Son, on produce of Winsome of Meadow Brook; second, McHenry, on produce of Abess McHenry 2d; third, McHenry, on produce of Privet of Carston; fourth, Foster, on produce of Erica Heatherton.

Champion Senior Bull—Baden Lad.

Champion Junior Bull—Prince Pico.

Champion Cow—Glenfoil Rose.

Champion Heifer—Quisiana of Meadow Brook.

GALLOWAYS.

The awards on this breed were made by M. A. Judy, Beecher, Ill., and while the quality of the show was standard, the paucity in numbers made the work pass off without delay. Galloway breeders have suffered hard at the hands of the railroads and the loss of the Brookside herd in a recent wreck on their way to this fair was most unfortunate. J. E. Bales was compelled to show an unfitted bull in the place of Carty Lad, which was lost on the road soon after he had been made champion at Hamline, Minn. He was out of the great hull, Wortby 3d. Iowa was represented by J. E. Bales & Son, of Stockport, with thirteen head; and Hechtner & Martin, of Princetown, Ill., brought twelve.

AWARDS.

Aged Bull—First, Hechtner & Martin, on Scottish Standard 2d; second, Bales & Son, on Judie's Pride.

Yearling Bull—First, Hechtner & Martin, on Standard Favorite 26550; second, Hechtner & Martin, on Ido of Homedale 27619.

Bull Calf Over Six Months and Under Twelve—First, Hechtner & Martin, on Careful's Druid 28357; second, Hechtner & Martin, on Irwin of Homedale 28972; third, Bales & Son, on Bonnie McDougal 28812; fourth, Bales & Son, on Dorothea's Prince 28813.

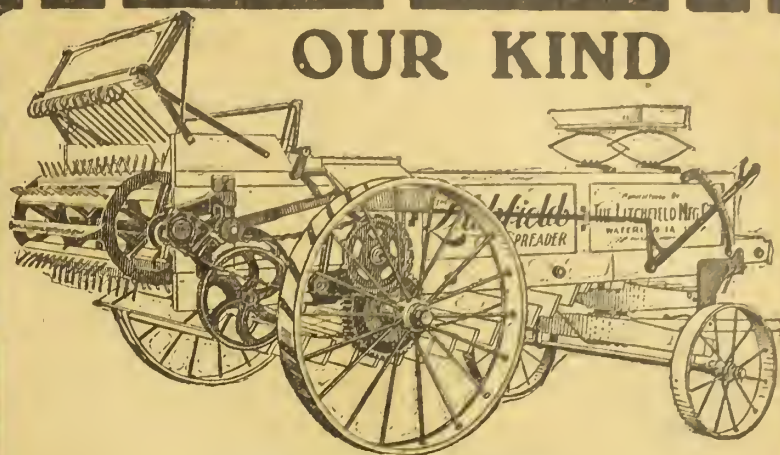
Aged Cow—First, Bales & Son, on Graceful 3d of Garlestown 19297; second, Hechtner & Martin, on Louisa 2d of Durham Hill; third, Bales & Son, on Annie Davids 2d 19459. 26927; second, Hechtner & Martin, on Aleida of Homedale 27116.

Two-Year-Old Cow—First, Bales & Son, on Annie Davids 5th 26927; second, Hechtner & Martin, on Aleida of Homedale 27116.

Yearling Heifer—First, Hechtner & Martin, on Druid's Lora 26219; second, Hechtner & Martin, on Druid's Louisa 26218; third, Bales & Son, on Hawkeye Lady 2714; fourth, Bales & Son, on Lily Torne 3d.

Heifer Calf Over Six and Under Twelve Months—First, Hechtner & Martin, on Druid's Louisa 2d 28856; second, Hechtner & Martin, on Vinola 3d of Naples 28855; third, Bales & Son, on Annie Davids 6th 28780; fourth, Bales & Son, on Lady Ruth 28782.

Calf Under Six Months—First, Bales &



HEAVY GEAR DRIVE.

IT IS extremely amusing to read and listen to the arguments sometimes made by competitors, largely coming from dealers who are in competition with the Litchfield machines—whose hazy ideas of the many features embodied in the superior construction of the Litchfield Spreader often resolving their statements into strong arguments for our machine instead of against it.

To illustrate this we wish to call your attention to the attempted diagnosis of the weak points in the use of gear wheels to drive the beater or distributor. Everybody knows that the beater wheel and the traction wheels on all spreaders must run in opposite directions. Therefore, to hook these two together requires a gear so as to change the direction of the motion, or requires a very unmechanical makeshift used by some of the attachment machines and others, by applying the driving sprockets to the outside or back side of the chain, instead of the inner surface, where it belongs.

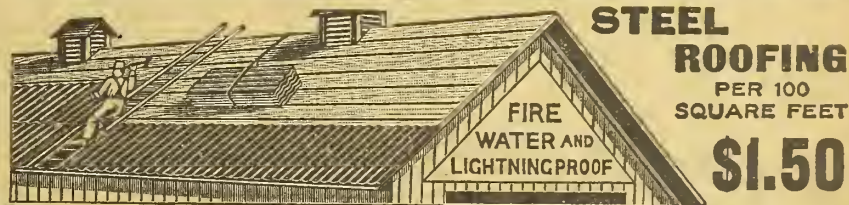
The beater wheel on the Litchfield Spreader is operated by a direct drive chain which receives its motion from a large, heavy, substantial gear, built so strong that no ordinary strain can injure it. This principle of a large gear is the only true principle for changing the direction of the motion. Others may claim that they "drive direct" without gears, but you will find that they either use a small, weak, easily-broken gear at the beater wheel or that they drive with the wrong side of the chain.

Freak improvements that may be all right as talking points to temporarily interest customers are not the kind of improvements that make a five-year guarantee on the Litchfield Spreader possible. We use the heavy gear drive because it is the only successful one.

Our readers will appreciate more fully our five-year guarantee when they understand how these machines are built and why we are able to make such a contract with our customers. The Litchfield Spreader embodies in all parts, but especially in its gear drive, those principles of mechanical construction that are used today and have been used for many years in the successful operation of all substantial, well-built machinery.

We lead in modern improvements, but do not experiment on our customers with "freak ideas." Read our statement next week.

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Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not taint rain-water. Makes your building cooler in summer and warmer in winter. Absolutely perfect, brand new, painted red two sides. \$1.50 is our price for our No. 15 grade of Flat Semi-Hardened steel roofing and siding, each sheet 24 inches wide and 24 inches long. Our price on the corrugated, like illustration; sheets 22 inches wide x 24 inches long \$1.60. At 25 cents per square additional we will furnish sheets 6 and 8 feet long. Steel pressed brick siding, per square \$2.00. Fine Steel Beaded Ceiling, per square \$2.00. Can also furnish standing seam or "V" Roofing.

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Son, on Lady Graceful 28783; second, Bales & Son, on Princess Graceful 23871.

Exhibitor's Herd—First, Hechtner & Martin; second, Bales & Son.

Breeder's Young Herd—First, Hechtner & Martin; second, Bales & Son.

Calf Herd—Bales & Son.

Get of Sire, Four Animals—First, Hechtner & Martin; second, Bales & Son, on get of Imp. McDougal of Turbrush; third, Bales & Son, on Imp. McDougal of Turbrush.

Produce of One Cow, Two Animals—First, Hechtner & Martin; second, Bales & Son, on produce of Annie Davids 2d; third, Bales & Son, on produce of Lily Lorne 2d.

Champion Aged Bull—Hechtner & Martin, on Scottish Standard 2d.

Champion Bull Under Two Years—Hechtner & Martin, on Standard Favorite.

Champion Cow Over Two Years—Bales & Son, on Graceful 3d.

Champion Heifer Under Two Years—Hechtner & Martin, on Vinola 3d of Naples.

HEREFORDS.

As usual this breed brought out some of the first-class animals of the four breeds. Some of the herds that have made the exhibit of "white faces" such a prominent feature of the previous fairs did not make their appearance. However, others that put in a worthy claim for excellence supplied the shortage and made the exhibit prominent and fully in keeping with the reputation of the fair. While there were no aged hulls, this delinquency was overcome by all other Hereford classes being full. Prince Lad stock was much in evidence among the winners, proving his value as a sire by the uniformity of conformation and ability for high finishing that accounted for much of the success of the Van Natta herds in the herd contests. M. A. Judy, of Beecher, Ill., continued his work from the other beef breeds and in his decisions placed special emphasis on a strong, well-made hack that will never need fixing as show yard parance goes. Those who were present with herds were W. S. Van Natta & Son, Fowler, Ind. (14 head); F. A. Nave, Attica, Ind. (13 head); Studebaker Stock Farm, Van Buren, Ind. (10 head); J. C. Andras, Jr., Manchester, Ill.

(13 head); G. H. Hoxie, Tbornton, Ill. (10 head).

AWARDS.

Bull Two Years Old—First, Nave, on Prime Star Grove 184760; second, Van Natta & Son, on Prime Lad 3d 197984; third, Nave, on Royal Dale 192281; fourth, Studebaker Stock Farm, on Dale 2d 175574; fifth, Andras, on Haven's Protector 180981. The first choice was generally considered an easy one, being the most massive and closest built, though aside from his head, his front could have been improved by a better rounded out shoulder. Behind, his deep-meated rounds and smooth rump looked well to the judge. Of different pattern and more lengthy make up was the next in favor, but short bone with plenty of meat on the loin and especially at the rounds gave him appearance that was very much to his favor. Refinement and smooth-turned conformations were less evident in the succeeding places, which, however, does not make them out cull hulls in the least.

Yearling Bull—First, Hoxie, on General Manager 2d 25606; second, Van Natta & Son, on Prime Lad 9th 213963; third, Van Natta & Son, on Prime Lad 16th 213969; fourth, Nave, on Beau Nash 208144; fifth, Andras, on Hummer 4th 200841.

Bull Calf Six Months and Under Twelve—First, Van Natta & Son, on Prime Lad 23th 234346; second, Van Natta & Son, on Prime Lad 25th 234343; third, Hoxie, on Peerless Perfection 10th 234544; fourth, Nave, on Javan 230764.

Bull Calf Under Six Months—First, Van Natta & Son, on Prime Lad 30th 234348; second, Nave, on Harold 235794; third, Nave, on Pauliun 230557.

Aged Cow—First, Nave, on Nut Brown 9th 188681; second, Van Natta & Son, on Rose Bud 169015; third, Studebaker Stock Farm, on Adah 143624; fourth, Andras, on Belle Donald 74th 162625; fifth, Andras, on Viola.

Nut Brown is as elegant a cow as her name would signify, and her superb finish and beauty in front from her neat horn to her full, smooth chest is most pleasing. A covering of good depth and evenness gives a finish that placed her above her rivals easily. Though the next choice is shy of the com-



First Prize Aged Short-horn Cow Ball Craggan, owned by D. R. Hanna, Ravenna, Ohio.

compactness and weight of her superior, she carries a very well-outlined form. Hardly as imposing a front nor the same perfection of smoothness was the verdict of comment on the third, while fourth was more deficient in these.

Two-Year-Old Cow—First, Van Natta & Son, on Princess 19788; second, Nave, on November Maid 17664; third, Studebaker Stock Farm, on Bertalline 182152; fourth, Andras, on Faith 18468.

Yearling Heifer—First, Van Natta & Son, on Prairie Queen 213961; second, Nave, on Juliet 207960; third, Nave, on Jemima 207959; fourth, Hoxie, on Miss Perfection 217079; fifth, Hoxie, on Scarlet Rose 208326. Some very splendid heifers were rejected for the head of this list in favor of a most sturdily-built heifer for first carrying a back of great width and strength. In second choice the type changed, but was again found in third.

Heifer Calf Sixth Months and Under Twelve—First, Van Natta & Son, on Marguerite 234336; second, Hoxie, on Belle Perfection 235447; third, Nave, on Early Rose 224756; fourth, Van Natta & Son, on Prime Lass 3d 234541.

Heifer Calf Under Six Months—First, Van Natta & Son, on Lassie 234333; second, Studebaker Stock Farm, on Rebecca 239566; third, Nave, on Blossim 235789; fourth, Nave, on Jesamine 2d 235796; fifth, Andras, on Improver's Lady 4th 241306.

Exhibitor's Herd—First, Nave; second, Van Natta; third, Studebaker Stock Farm; fourth, Andras.

Young Herd—First, Van Natta & Son; second, Hoxie; third, Nave; fourth, Studebaker Stock Farm.

Calf Herd—First, Van Natta & Son; second, Andras.

Get of Sire—First, Van Natta & Son, on get of Prime Lad; second, Nave, on get of Pretorian; third, Hoxie, on get of Perfection; fourth, Van Natta & Son, on get of Prime Lad.

Produce of Cow—First, Van Natta & Son, on produce of Lenora; second, Nave, on produce of Gladys; third, Van Natta & Son, on produce of Lorna Dune; fourth, Nave.

Champion Aged Bull—Prime Star Grove.
Champion Young Bull—General Manager.
Champion Cow—Nut Brown.
Champion Heifer—Prairie Queen.

DAIRY CATTLE.

JERSEYS.

The display made by this well-established breed of dairy cattle was notable in many respects. Competition was keen from start to finish and each class brought out a nice problem for the judge. The quality throughout was very commendable, although on the point of type there was considerable variation, a few animals tending too much to the ordinary type of dairy cattle rather than to that highly-refined and distinct two-wedged form so much sought for by dairy men. While honors were well scattered, the large proportion that went to the Hood Farm and Overton Hall Farm were suggestive of the sterling merit of the noted herds. One herd of polled Jerseys were exhibited by R. C. Redpath. In the aged cow class there were a dozen in line, while fourteen heifer calves, some of most beautiful shapes and finish, was a feature of the young classes. Professor Scovell found many a difficult decision, but left a good impression on exhibitors, who were, Hood Farm, Lowell, Mass. (17 head); Overton Hall Farm, Overton Station, Tenn. (15 head); Latimer & Jones, Abingdon, Ill. (16 head);



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head); J. E. Hatfield, Normal, Ill. (14 head); R. C. Redpath, Baldwin, Ill. (12 head); J. C. Talbot, Georgetown, Ind. (1 head).

AWARDS.

Aged Bull—First, Overton Hall Farm, on Brookhill Fox; second, Hood Farm, on Hood Farm Khedive; third, Hatfield, on May's Handsome Lad; fourth, Wiggins, on Czar of Arden 58543. Brookhill Fox was sired by Flying Fox and compared to the second choice is more angular and of greater scale, though with wonderful quality.

Two-Year-Old Bull—First, Talhott, on Grey Prince of St. Saviour; second, Hood Farm, on Bluebell's Golden Fox; third, Overton Hall Farm, on Rose Bud Fern Lad; fourth, Hatfield, on Sarelle's Vision.

Yearling Bull—First, Overton Hall Farm, on Oakland Fox; second, Hood Farm, on Hood Farm Golden Lad 6th; third, Latimer & Jones, on Shorty's Prince 71929; fourth, Hatfield, on Seaman of Fairview.

Bull Under One Year—First, Latimer & Jones, on Rosette's Fox 72519; second, Hood Farm; third, Overton Hall Farm, on Fancy B's Lad; fourth, Overton Hall Farm, on Silver Laddie.

Aged Cow—First, Hood Farm; second, Overton Hall Farm, on Flying Fox's Pearl; third, Hood Farm; fourth, Overton Hall Farm, on Flying Fox's Wonder.

Two-Year-Old Cow—First, Hatfield, on Sarelle's Baby; second, Overton Hall Farm; third, Latimer & Jones, on Alpha's Pet Lass 19814; fourth, Hood Farm.

Yearling Heifer—First, Overton Hall Farm; second, Hood Farm; third, Latimer & Jones, on Golden Lad's Opa 200052; fourth, Latimer & Jones, on Opa's Opa 200053.

Heifer Under One Year—First and second, Hood Farm; third, Latimer & Jones, on Shorty's Princess; fourth, Overton Hall Farm, on Reve D'Or.

Exhibitor's Herd—First, Overton Hall Farm; second, Hood Farm; third, Hatfield.

Young Herd—First, Hood Farm; second, Latimer & Jones.

Calf Herd—First, Hood Farm; second, Latimer & Jones; third, Hatfield.

Get of Sire—First and second, Hood Farm; third, Latimer & Jones; fourth, Hatfield.

Produce of Cow—First, Hood Farm; second, Latimer & Jones; third, Hood Farm.

Champion Senior Bull—Brookhill Fox.

Champion Junior Bull—Rosette's Fox.

Champion Cow—Hood Farm Golden Happy.

Champion Heifer—Winora of Sugar Loaf.

Grand Champion Bull—Brookhill Fox.

Grand Champion Cow—Hood Farm Golden Happy.

GUERNSEYS.

The Guernsey display was notable for quality in many of the exhibits and probably brought out as good specimens of the breed as are to be found in the country. Mr. Cunningham showed his aged bull, Robinas Standard 7254, which went down in defeat for the first time before Chief of Willowdale on the championship. This bull is a great model for smoothness, quality and conformation. The former bull will be remembered as having been once the property of the late N. K. Fairbanks, of Chicago, and sold in his dispersal. He is from the noted Lily Bruy Boy strain and is a grandson of Materna, the cow that of all breeds was the most economical producer of butter fat at the Columbian Exposition. Awards were made by Professor Scovell, of Lexington, Ky. Natoma Farm brought out some very good animals and as they are doing an extensive dairy business they do not show at other fairs. A list of the breeders follows: L. V. Axtell, Perry, Ohio (18 head); Natoma Farm, Hillsdale, Ill. (14 head); M. D. Cunningham, Kansasville, Wis. (16 head); Frank R. Sander, Bristol, N. H. (1 head).

AWARDS.

Aged Bull—First, Cunningham, on Robinas Standard 7254; second, Cunningham, on Sarograt 8674; third, Natoma Farm, on Majestic 3d; fourth, Axtell, on Little Minister.

Two-Year-Old Bull—First, Sander, on Chief of Willowdale; second, Axtell, on Favorite Duke 2d; third, Robbins, on Roman Emperor 3d.

Yearling Bull—First, Axtell; second, Cunningham, on Hattie's Bennie 10300; third, Axtell; fourth, Cunningham, on Fancy Standard 10302.

Aged Cow—First, Axtell, on Golden Anne; second, Cunningham, on Do Fes 11218; third, Axtell, on Maud Ruskin; fourth, Cunningham, on Fes Dio 9072.

Two-Year-Old Heifer—First, Axtell, on Sallie of Homestead; second, Axtell; third, Cunningham, on Fes Lips Luna 17233; fourth, Cunningham, on Fancy's Princess 18572.

Heifer One Year and Under Two—First, Axtell; second, Robbins, on Natoma's Glendora; third, Cunningham, on Elvera Standard 18575; fourth, Axtell.

Heifer Under One Year—First, Axtell, on Winfred Annette; second, Cunningham, on Piolas Sept. 19843; third, Robbins, on Natoma's Pamabella; fourth, Robbins.

Exhibitor's Herd—First, Axtell; second, Cunningham; third, Robbins; fourth, Cunningham.

Breeder's Young Herd—First, Axtell; second, Cunningham.

Calf Herd—First, Axtell; second, Cunningham.

Get of Sire, Four Animals—First, Axtell; second, Cunningham; third, Axtell; fourth, Cunningham.

Produce of Cow, Two Animals—First, Axtell; second, Axtell; third, Robbins; fourth, Cunningham.

Champion Bull Over Two Years—Chief of Willowdale.

Champion Bull Under Two Years—Natoma Domingo.

Champion Cow Over Two Years—Golden Anne.

Champion Heifer Under Two Years—Nellie of Homestead.

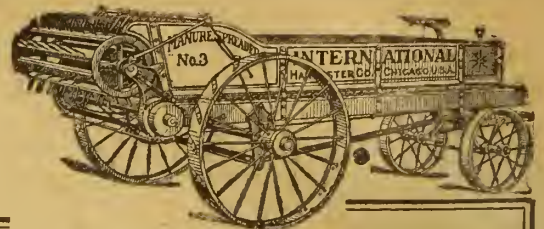
Grand Champion Bull—Chief of Willowdale.

Grand Champion Cow—Golden Anne of Homestead.

AYRSHIRES.

The showing of this hardy breed of dairy cattle was generally conceded to be the best for many years. Although in the hands of a few, some close decisions were required, though small classes made the work of ranking the animals proceed rapidly in the hands of Professor Plumb, of Ohio. In the bull classes there was not so much competition as in the females, where Mr. Crabb made a much stronger showing, winning many of the

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firsts. The breeders names are as follows: Howard Cook & Son, Beloit, Ohio (14 head); F. A. Crabb, Litchfield, Ill. (14 head); Geo. W. Ballon, Middletown, N. Y. (14 head).

AWARDS.

Aged Bull—First, Cook & Son, on Dunraven of St. Anne 7662; second, Ballon, on Glencairn 4th 8719; third, Crabb, on Imp. Howie's Matchless 9448.

Two-Year-Old Bull—Cook & Son, on Howie's Flash Lad 9054.

Yearling Bull—First, Ballon, on Norman of Prince Lane 9441; second, Cook & Son, on Chieftain 90422; third, Ballon, on Craigie Chief of Pine Lane 9442; fourth, Crabb, on Burnside King's Own 9536 (Imp.).

Bull Calf Under One Year—First, Crabb, on Jack of Avonshire 9803; second, Crabb, on Burnside Wanaut 9537 (Imp.); third, Cook & Son; fourth, Ballon, on Royal Cockade of Pine Lane 10040.

Aged Cow—First, Cook & Son, on Minnie of Ayrlynn 18294; second, Crabb, on Garclaugh Flirt (Imp.) 20391; third, Ballon, on White Star of Woodroffe 18950; fourth, Ballon, on Barcheskie Muriel 18955.

Two-Year-Old Cow—First, Crabb, on Mina 2d's Daughter 18626; second, Ballon, on Barcheskie Blythe Girl 20226; third, Cook & Son, on Garnet of Ayrlynn 19395; fourth, Ballon, on Helen of Bellevue 2d 21408.

Yearling Heifer—First, Crabb, on Burnside Hazel 20576; second, Ballon, on Edna of Pine Lane 20370; third, Cook & Son, on Mable Buttercup 21797; fourth, Cook & Son, on Pansy Buttercup 21796.

Heifer Under One Year—First, Ballon, on Silver Blaze of Pine Lane 21724; second, Cook & Son; third, Ballon, on Miss Lyle of Pine Lane 21725; fourth, Cook & Son.

Exhibitor's Herd—First, Cook & Son; second, Ballon; third, Crabb; fourth, Cook & Son.

Breeder's Young Herd—First, Ballon; second, Cook & Son.

Calf Herd—First, Cook & Son; second, Crabb.

Get of Sire, Four Animals—First, Ballon; second, Cook & Son; third, Cook & Son; fourth, Crabb.

Produce of Cow, Two Animals—First, Crabb; second, Ballon; third and fourth, Cook & Son.

but not needlessly cumbersome—strong where strength is needed, with due regard for light draft and load to be carried.

The I. H. C. apron is driven at both sides, by both hind wheels. This eliminates all binding, friction and undue strain.

It has a vibrating rake to level the load—exclusive feature.

It has a wide range of feed, consequently a large or a small amount of manure per acre can be distributed. It is the only spreader controlled and operated entirely with one lever.

Made in three sizes for each of the two types, Cloverleaf, endless apron, and Corn King, return apron.

BROWN SWISS.

The Brown Swiss made one of the best showings that has been seen at any of the western fairs, both in point of numbers and in general excellence. Most of the animals were notable for their high quality, a little more refined, it is said, than those found in the native land where the cows are used for draft purposes largely. The type shown in all the classes was very similar and among many of the younger animals in both sexes were some very attractive forms and heads. Mr. Barton, the largest exhibitor, is an extensive importer. Systematic breeding has developed some excellent individuals in his herd. Mr. Hazard's stock is from an importation of 1889, but all of his present herd is of home raising. Professor Scovell, of Lexington, Ky., placed the classes. The exhibitors are as follows: F. R. Hazard, Syracuse, N. Y. (15 head); E. M. Barton, Hinsdale, Ill. (17 head); D. C. Frantz, Sullivan, Ill. (4 head).

AWARDS.

Aged Bull—First, Hazard, on Upland Hobby; second, Barton, on Senator G. 1606; third, Barton, on Fleming 1780; fourth, Hazard, on Upland Delirs. The first bull is sired by Duke of River Meadow, the champion at the Pan American show. He is a massive animal and of good proportion.

Two-Year-Old Bull—Hazard, on Owego Nick 2029.

Yearling Bull—First, Barton, on Hollwyn's Boy 2073; second, Barton, on Collier 2075.

Bull Calf Under One Year—First, Hazard, on Upland Nellie's Jeetro; second, Barton, on Ladrone; third, Frantz, on Jumbo F.; fourth, Barton, on Morse.

Aged Cow—First, Barton, on McAlpine 1797; second, Hazard, on Earnestine 2d; third, Barton, on Belle Windor 1964; fourth, Hazard, on Flourine 12th.



Dunham & Fletcher's winning French Coach Stallion.

Two-Year-Old Cow—First, Barton, on Fredericka 2801; second and third, Hazard; fourth, Barton, on Aleria 2936.

Yearling Heifer—First, Hazard, on Upland Tell's Flourine; second, Hazard, on Upland Tell's Prize; third, Barton, on Starling; fourth, Barton, on Lady D. 2999.

Heifer Under One Year—First, Barton, on Thalia; second, Barton, on La Belle; third, Barton, on Servant; fourth, Hazard, on Onleta 3252.

Exhibitor's Herd—First and third Barton; second, Hazard.

Young Herd—First, Hazard; second, Barton.

Calf Herd—First, Barton; second, Hazard. Get of Sire—First, Barton, on get of Barton Boy; second, Hazard, on get of Upland Tell.

Produce of Cow—First Hazard, on produce of Nellie Howlas; second, Barton, on produce of Serva.

Champion Bull Over Two Years—Owego Nick.

Champion Bull Under Two Years—Hollwyn's Boy.

Champion Cow Over Two Years—McAlpine.

Champion Heifer Under Two Years—Tell's Flourine.

Grand Champion Bull—Owego Nick.

Grand Champion Cow—McAlpine.

DUTCH BELTED.

A new departure for dairy cattle at western fairs was found in the Dutch Belted cattle, appropriately named from the large white belt extending around the body. Much attention was paid them by visitors and many were the compliments passed on the breed. Professor Scovell, of Lexington, Ky., rated the classes which were from the herds of D. B. Wilson, Waterbury, Conn. (14 head), and F. R. Sanders, Bristol, N. H. (13 head).

AWARDS.

Aged Bull—First, Sanders, on Anten; second, Wilson, on Proud Duke 490.

Two-Year-Old Bull—Wilson, on Trilby's Son 493.

Yearling Bull—First, Sanders, on William the Silent; second, Wilson, on Jap Toga 565.

Bull Calf Under One Year—First, Wilson, on Prince Louis 791; second, Sanders, on Flying Dutchman.

Aged Cow—First, Sanders, on Echo 2d; second, Wilson, on Ida May 829; third, Wilson, on Hazel S.; fourth, Sanders, on Bessie S. 7049.

Two-Year-Old Cow—First, Wilson, on Cassie Chadwick 1255; second, Sanders, on Olive of M. L. 1162; third, Wilson.

Yearling Heifer—First, Wilson, on Mary Susan 1263; second, Sanders, on Hertgal, Vol. 8; third, Sanders, on Diana of M. L.; fourth, Wilson, on Primrose 2d 1263.

Heifer Calf Under One Year—First, Sanders, on Mountain Queen, Vol. 8; second, Sanders, on Mountain Lily, Vol. 8; third, Sanders, on Oxford Gate; fourth, Wilson, on Rose W. 2d.

Exhibitor's Herd—First, Sanders; second and third, Wilson.

Young Herd—First, Sanders; second, Wilson.

Calf Herd—First, Sanders; second, Wilson.

Get of Sire—First and second, Sanders; third and fourth, Wilson.

Produce of Cow—First, Sanders; second, Wilson.

Champion Senior Bull—Anten.

Champion Junior Bull—William the Silent.

Champion Cow—Echo 2d.

Champion Heifer—Mary Susan.

HOLSTEIN-FRIESIANS.

The Holstein cattle came out this year in unusual numbers and made one of the most creditable displays that this breed has made in 1906. The list included breeders of wide fame and from different parts of the country, and the notable individuals in all the herds were a high tribute to the methods of breeding and selection practiced by breeders. W. J. Gillette, of Rosendale, Wis., the well-known breeder of dairy cattle, made the decisions, which were agreeably accepted. Herds were generally complete, which made a well-balanced show. The aged bulls were fully up to standard, but it remained for the aged cows to play trump card for the breed. Type was very uniform throughout, and no excess of flesh on those animals doing duty at the pail indicated that the proper use of food was being made for a profit to the owner. The list of breeders are: C. F. Stone, Peabody, Kan. (13 head); W. B. Barney & Co., Hampton, Iowa (12 head);

A. B. Nokes & Son, Springfield, Ill. (14 head); Henry Stevens Son, Lacona, N. Y. (14 head); Nick Grimm, Rungie, Wis. (2 head); F. R. Hazard, Syracuse, N. Y. (1 head).

AWARDS.

Aged Bull—First, Barney & Co., on Jewell of Home Farm 24340; second, Stone, on Ethel Alex, Sir Netherland 26123; third, Stevens & Son, on Karel Bros. (imp.) 34917; fourth, Grimm, on Colanthax Prince 2d. The first selection is a great bull, combining splendid conformation with all the style and quality necessary, and maintained his usual place without danger, although he was in strong company. For the next place a very excellent bull was selected, of low-set, deep body, though not up to the style of the first choice. A very neat type fell to third, but was a bit lacking in character and scale, besides his predecessors.

Two Year Old—First, Nokes & Son, on Transum Duke; second, Grimm, on Johannes Rue Lad; third, Hazard, on De Kol Burke Pieterje 36009.

Yearling Bull—First, Stevens & Son, on Karndyke Butteer Boy 34896; second, Barney & Co., on Captain Wayne 40453; third, Grimm, Sir Karndyke de Twittene de Kol; fourth, Nokes & Son, Prince Johanna Gewinna 38985. Captain Wayne was a strong champion for first here, being nearer the growthy, deep-bodied sort, but surrendered this position to a white bull of lighter conformation, but very catching in general proportions and appearance.

Under One Year—First, Hazard, Josephine Lad De Kol; second, Stevens & Son, Inko Hengerwald Johanna Lad 41733; third, Stone, Alexander's Netherland; fourth, Grimm.

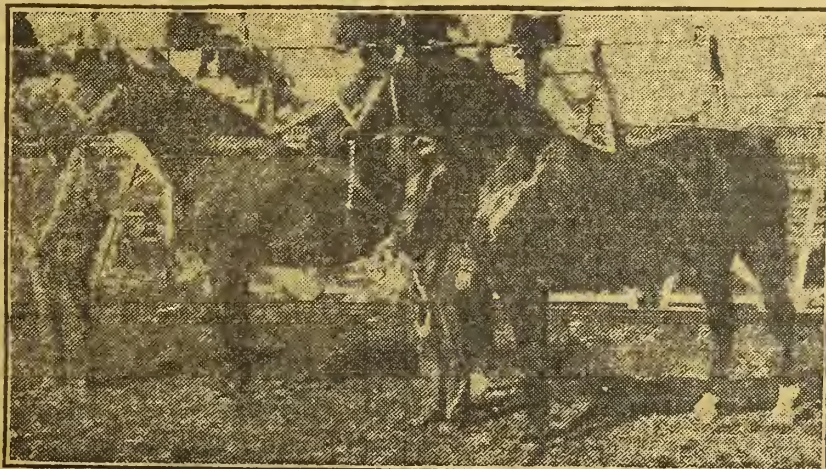
Aged Cow—First, Stone, Maryke 3d, Gerben 4th 54935; second, Barney & Co., Parthena Hengerwald 46004; third, Stone, Wayne's Lady Mecht 52750; fourth, Stevens & Son, Inka Clothilde 60275. This was one of the best displays of dairy cows seen and contained among the eleven some of the best specimens of the breed. Immense odds of good shape and scarcely one presenting any difficulty for the milker were conspicuous. In fact, so many good matrons made it impossible for the placing to do justice to the many unrecognized.

Two Year Old—First, Stevens & Son, Johanna Wayne Waldorf 72800; second, Stone, Princess Pei de Kol 71141; third, Nokes & Son, Shary Brook Farm Empress Josephine 81934; fourth, Barney & Co., Florence Jewel de Kol 72937.

Yearlings—First, Stevens & Son, on De Kol Pauline Ladie Vale 2d 78330; second, Hazard, Netske de Kol Wayne 2d 79816; third, Barney & Co., Empress Gerben of H. F. 3d 79243; fourth, Stone, Queen Josephine Gerben de Kol 78821.

Heifer Under One Year—First, Stone, on Queen Josephine Netherland; second, Hazard, on Alden's Netherland Buik 84982; third, Barney & Co., Myrtle de Kol; fourth, Barney & Co., Mazie Jewell.

Exhibitor's Herd—First, Barney & Co.; sec-



The Winning German Coachers, owned by J. Crouch & Son, Lafayette, Ind.

ond, Stone; third, Stevens & Son; fourth, Nokes & Son.

Young Herd—First, Barney & Co.; second, Stone; third, Nokes & Son.

Calf Herd—First, Barney & Co.; second, Stone; third, Stevens & Co.; fourth, Hazard.

Get of Sire—First, Stone; second, Stevens & Son; third, Barney & Co.; fourth, Grimm.

Produce of Cow—First, Stone; second, Nokes & Son; third, Stevens & Son; fourth, Grimm.

Champion Senior Bull—Jewell of H. F.

Champion Junior Bull—Karndyke Butteer.

Champion Cow—Maryke 3d Gerben 5th 4935.

Champion Heifer—De Kol Pauline Sadie Vale 2d.

Grand Champion Bull—Jewell of H. F.

Grand Champion Cow—Maryke 3d Gerben 5th.

HORSES.

PERCHERONS.

The Percheron display was most suggestive of the prominence this breed holds among the breeds of draft horses in the central West. Three states were represented with some first-class offerings and not a ring could be criticized for lack of support. From the stronghold of Indiana came a full quota that came in for much admiration and a large share of the ribbons. Illinois, however, was able to sustain her previous reputation for excellence in this line and supplied, besides many of the firsts, both the champion male and female. Pink, the noted stallion from Wayne, Ill., maintained his position solidly from the first and substantiated again all the claims that have been made for him in the past. The group classes in best five stallions was one of the impressive sights of the show and Taylor & Jones had a quintet that for good, durable bone of a proper amount under most powerfully-made conformations made them the recipients of much favorable comment. Active, well-balanced movers were common in all the classes and perhaps for a showy lot in this respect, with the right build to accompany this good quality, the Lafayette firm were well up in the list. J. F. Meyer, Herbert, Ill., and

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C. E. Smith, Tuscola, Ill., worked on alternate classes which made a very satisfactory arrangement, as long classes would have made it very taxing for one judge. Those who made up the exhibit were Dunham & Fletcher, Wayne, Ill. (17 head); Frank Iams, St. Paul, Neb. (6 head); L. W. Cochran, Crawfordsville, Ind. (13 head); Augustine & Stubblefield, Carlock, Ill. (15 head);

& Fletcher, on Pink; second, Iams, on Bismutte 51863; third, Taylor & Jones, on Quality 32118; fourth, Crouch & Son, on Eaupin 41460. With Pink as a model, the second selection, Bismutte, lacked a little in depth of rib and width of hack, though he is a horse of excellent proportions and good action. The third choice was a trifle below scale, but is a good type. But for too much length in his underpinning the last pick would have probably taken more money.

Stallion Three Years Old—First, Crouch & Son, on Tyron 60411; second, Dunham & Fletcher, on Salvator 59293; third, Taylor & Jones, on Abjudge 58283; fourth, Iams, on Romain 58453. Four splendid animals carried this ring, and as they were the best in most minds of the sixteen in line, their excellence can be assured.

Stallion Two Years Old—First, Dunham & Fletcher, on Satisfort 63380; second, Crouch & Son, on Lascy 64317; third, Taylor & Jones, on Artisan 62026; fourth, Burgess & Son, on Delcasse 45794.

Yearling Stallion—First, Cochran, on Macduff 41257; second, Burgess & Son, on Roget; third, Dunham & Fletcher, on Pink Paragon 43929; fourth, Taylor & Jones, on Brave Boy 45241.

Aged Mare—First, Dunham & Fletcher, on Aquille 47941; second, Dunham & Fletcher, on Corsette 61395; third, Dunham & Fletcher, on Fossette 45255; fourth, Alfred Odiorne, on Dutch. A nice lot of mares to satisfy those looking for good, breedy-looking, durable females, possessing plenty of quality and in nice, plump condition.

Mare Three Years Old—First, Dunham & Fletcher, on Mignonne 61132; second, Dunham & Fletcher, on Britomart 40427; third, Cochran, on Lady of Quality 41255; fourth, Augustine & Stubblefield, on Mina 24203.

Mare Two Years Old—First, Cochran, on Arbella 41260; second, Augustine & Stubblefield, on Maud 45332; third, Dodson; fourth, Augustine & Stubblefield, on Dora 42902.

Yearling Filly—First, Dunham & Fletcher, on Pink Coral 43932; second, Taylor & Jones, on Josephine 44198; third, Taylor & Jones,



Champion Percheron Mare and Champion Stallion.

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on Queen 43176; fourth, Cochran, on Sweet Violet 41263.

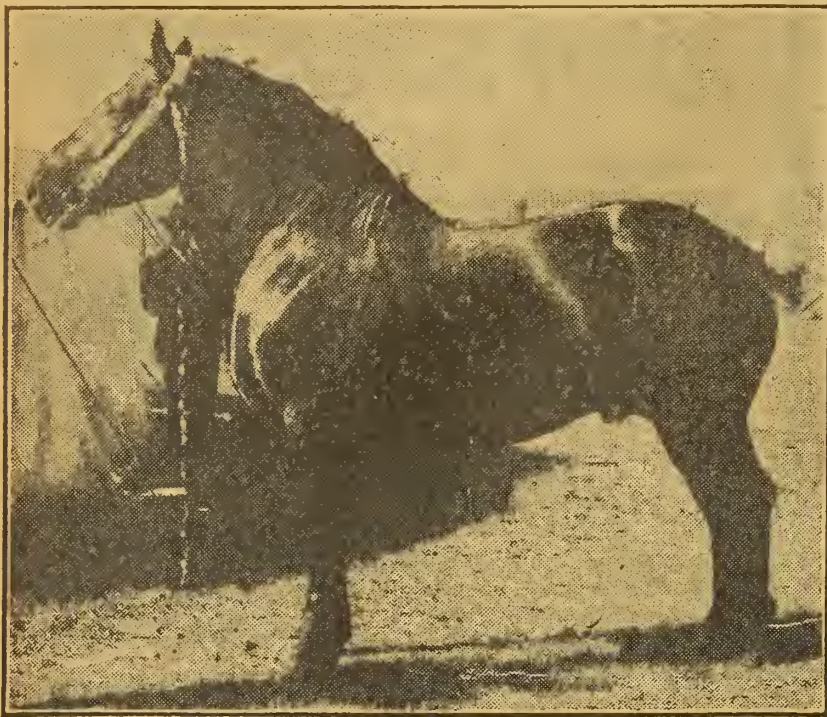
Mare Under One Year—First, Cochran, on Mishap 41268; second, Dodds; third, Moore Home bred by exhibitor, first prize winners in above excluded.

Stallion Over Three Years—First, Taylor & Jones, on Quality 32118; second, Augustine & Stubblefield, on Absalom; third, Taylor & Jones, on Cherry King 700; fourth, Augustine & Stubblefield, on Grant.

Stallion Under Three Years—First, Augustine & Stubblefield, on Roland; second, Augustine & Stubblefield, on Blacklist; third, Cochran, on Balzac 41256; fourth, Dunham & Fletcher, on Pink Paragon 43929.

Mare Over Three Years—First, Dunham &

circuit thus far. Second in numbers to the Percheron and with a well-filled exhibit in the female classes, made all that could be desired for completeness. The quality of animals shown, especially in the aged stallions, was with few exceptions above criticism and the clean bone and sound feet in evidence attracted most favorable comment from all who were interested in the contest. While the scale and build of the noted "cart horse" of England is conceded to be the most massive and compact of all breeds, it is not always in evidence to the extent that it was here. With twelve aged stallions in the opening class, all worthy of mention, with larger classes to follow, the prominence of the display can well be imagined, and



Champion Percheron Stallion Pink, owned by Dunham & Fletcher.

Fletcher, on Britomar; second, Augustine & Stubblefield, on Kate; third, Augustine & Stubblefield, on Buzetta; fourth, Cochran, on Lady Montrose 40084.

Mare Under Three Years—First, Augustine & Stubblefield, on Maud; second, Taylor & Jones, on Lucy 41518; third, Taylor & Jones, on Mary 41407; fourth, Augustine & Stubblefield, on Dora.

Champion Stallion Any Age—First, Dunham & Fletcher, on Pink; second, Taylor & Jones; third, Crouch & Son; fourth, Augustine & Stubblefield, on Absalom.

Champion Mare Any Age—First, Dunham & Fletcher, on Aquille; second, Dunham & Fletcher, on Mignonne; third, Augustine & Stubblefield, on Kate 29296; fourth, Dunham & Fletcher, on Pink Coral.

Get of Sire—First, Cochran, on get of Black Beauty; second, Taylor & Jones; third, Augustine & Stubblefield, on Buzetta; fourth, Augustine & Stubblefield, on get of Dora.

Best Four of Either Sex, Bred by Exhibitor—First, Taylor & Jones; second, Augustine & Stubblefield; third, Dunham & Fletcher; fourth, Cochran.

Best Five Stallions—First—Dunham & Fletcher; second, Augustine & Stubblefield; third, Cochran.

ENGLISH SHIRES.

The exhibit of this noted English draft breed was a notable feature of the horse show and scored an unqualified success from the standpoint of excellence in the animals shown. It might be compared to a grand preliminary to the last two great gatherings of the season. It was left to Springfield to bring out the best Shire exhibit of the

it was most unfortunate, indeed, that by some ruling in the management other than first-prize animals were allowed to compete for championship honors. In this manner the third prize horse in the aged class was placed up at the head of the list in championship over a horse beating him to first in the original class. The rules on this point are certainly faulty and need revision. The selection of a champion from the first prize list is always a problem perplexing enough for the judges. As no conclusion could be arrived at by Messrs. Myers and Smith, Mr. Beers, of Mendota, Ill., was called in as referee. Not but what this placing was satisfactory with many, yet was out of keeping with custom and not conducive to the well being of a show that had most favorable conditions to start with. The exhibitor's list includes Trumans' Pioneer Stud Farm, Bushnell, Ill. (15 head); Robt. Burgess & Son, Wenona, Ill. (12 head); Taylor & Jones, Williamsville, Ill. (20 head); Finch Bros., Verona, Ill. (12 head); L. W. Cochran, Crawfordville, Ind. (4 head); L. N. & O. B. Sizer, Fisher, Ill.; A. G. Soderberg, Osco, Ill. (3 head); W. B. Emlson, Wellington, Mo.; F. M. Mountjoy, Atlanta, Ill.

AWARDS.

Aged Stallion—First, Taylor & Jones, on Arrowside Duke 8040; second, Trumans' Pioneer Stud Farm, on Holker Collin 21525; third, Burgess & Son, on Bank Nil Desperandum 8453; fourth, Trumans' Pioneer Stud Farm, on Highland Laddie 2297. Not one of the quartet but had some strong claim for first and some difference in type added to complications. Arrowside Duke lacks impressiveness in his masculinity, but otherwise it

VALUABLE HINTS ABOUT ROOFING.

In applying a prepared roofing, nail only at edges; never in the middle of a strip, except where mouldings are used down the center.

For decorative purposes on residences, etc., half round mouldings can be nailed on Ruberoid over the laps and between the seams with neat effect. Before applying these mouldings, dip them in Ruberine Cement, furnished with Ruberoid roofing. After applying, coat them again with Ruberine, which will thoroughly water-proof them.

Fig. 1 shows how Ruberoid Roofing can be applied over gutters.

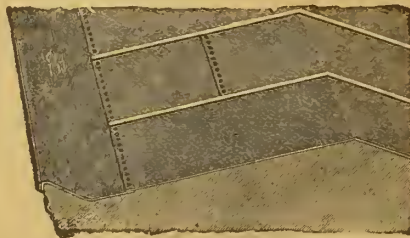


Fig. 1.—Covering Gutters with Ruberoid Roofing. Seams Covered by Mouldings.

Use as long strips as possible for covering gutter. Lap main roofing strip two inches over gutter strip, cement with Ruberine and then drive in the nails and tin caps furnished with Ruberoid Roofing. Ruberoid is the only prepared roofing which will outlast metal for covering gutters. Water will not rot it.

It's good policy not to cut or slit the

roofing more than absolutely necessary. For flashing an inside corner, bend the strip of Ruberoid Roofing as shown by Figure 2. Coat under side of bend with Ruberine and fit into the corner. Then nail and coat thoroughly with Ruberine.

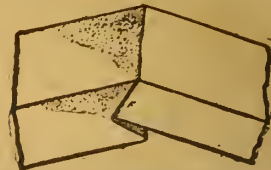


Fig. 2.—Method of Bending for Flashing Inside Corners.

Ruberoid is the only prepared roofing which can be thus bent without cracking. Its peculiar flexibility makes it invaluable for this purpose.

Ruberoid is widely used not alone as a roof covering, but as a siding for barns, poultry houses, etc. Will not melt or run; contains no tar. It is absolutely airtight and water-proof and will exclude cold and dampness from the buildings.

It can be applied in the usual way with nails and tin caps or with half round mouldings, as above suggested for roofs.

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would take a keen critic to fault him, as he has a striking top for muscling, a smooth contour, a trifle short, but on timber that is a model for placing and quality. Altogether he is a more snugly-framed horse and cleaner limbed than any of his followers. The second one is more stretchy, a flashy horse of superior moving ability and was favored strongly by some for first place. For third a massive, drafty type was shown, but he lacked a little in style compared with

Tar was placed up probably on his excellent type of a Shire, having that flashy, muscular build of none to much depth and compactness, but with lots of vigor on the walk and trot and displaying the male character well. In second, conformation was the winning card and was about as true in lines and beauty as you find them. Strong, clean limbs finished with dense, abundant horn gave the right qualification for a good draft horse getter. Much the same type with dif-



First Prize Aged Hackney Stallion, owned by Robert Burgess & Son, Wenona, Illinois.

the horses above him. Comment was quite favorable for a higher rating of the fourth place, though he was probably well placed in most minds.

Stallion Three Years Old—First, Burgess & Son, on Black Jack Tar 7920; second, Trumans' Pioneer Stud Farm, on Garfield Champion 23894; third, Trumans' Pioneer Stud Farm, on Mydeland's Champion II. 22944; fourth, Trumans' Pioneer Stud Farm, on Huckington Boy Humper 22426. Black Jack

ferences in action and conformation were chosen in the following places.

Two-Year-Old Stallion—First, Taylor & Jones, on Gorthmyl Warrlor 23323; second, Trumans' Pioneer Stud Farm, on Toneyham Straxton 23804; third, Trumans' Pioneer Stud Farm, on Gaiety Banker 7704; fourth, Trumans' Pioneer Stud Farm, on Pondersbridge Victor 23604. Admirers of the low-set, compact type of Shire were much surprised in the choice of first. However, he had a way

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of moving straight and strong that won him many friends. For second selection the type was more satisfactory to sticklers for weight closely put together and with the vigor and quality combined this horse took universally.

Stallion Under Two Years—First, Burgess & Son, on King's Drayman 8458; second, Soderberg, on Noble King 8478; third, Sizer, on Illinois Walton 8011; fourth, Finch Bros., on Finch's Brown Buster.

Stallion Under One Year—First, Cochran, on Zero 8423; second, Finch Bros., on Champion Aye.

Aged Mare—First, Soderberg, on Osco Rose 8477; second, Fluch Bros., on W. Fuschia 5577; third, Taylor & Jones, on Moor's Dolly 7210; fourth, Taylor & Jones, on Jolly Maid 7209.

Mare Three Years Old—First, Mountjoy, on Lady Wakefield 7518; second, Sizer, on Trumans' Teneham Blaze 8317; third, Taylor & Jones, on Bess 8104.

Mare Two Years Old—First, Trumans' Pioneer Stud Farm, on Deeping Juliet 47668; second, Taylor & Jones, on Powisland Patience 4509; third, Finch Bros., on Verna May 7099; fourth, Soderberg.

Yearling Filly—First, Crouch & Son, on Minnebaha; second, Sizer, on Odette 8018; third, Taylor & Jones, on Jolly Maid II. 8064; fourth, Emison.

Filly Under One Year—First, Mountjoy, on Wenona Marquis 3978; second, Emison.

Home bred by exhibitor, first prize winners in above lists excluded.

Stallion Three Years Old—First, Mountjoy, on Rescue 7516; second, Finch Bros., on Cyclone 7139.

Stallion Under Three Years—First, Cochran, on John D. 8421; second, Trumans' Pioneer Stud Farm, on Gaiety Banker 7714; third, Soderberg; fourth, Finch Bros.

Mare Over Three Years—First, Fluch Bros., on Bess; second, Mountjoy, on Wakefield 7518; third, Soderberg, on Osco Rose.

Mare Under Three Years—First, Finch Bros., on May; second, Soderberg, on Osco Sylvia 8206; third, Cochran, on Favorite 8419.

Champion Stallion Any Age—First, Burgess & Son, on Bank Nil Desperandum; second, Taylor & Jones, on Arrowside Duke; third, Trumans' Pioneer Stud Farm, on Holker Collin; fourth, Burgess & Son, on Black Jack Tar.

Champion Mare Any Age—First, Trumans' Pioneer Stud Farm; second, Cochran; third, Sizer, on Trumans' Teneham Blaze; fourth, Soderberg.

CLYDESDALES.

The Clydesdales were in the hands of two breeders, A. G. Soderberg, of Osco, Ill., and W. E. McCoy, of Pleasant Plains, Ill. The former breeder has a great individual in the stallion, Black Douglas, which was recently imported and won at many of the best foreign shows, being champion at the Windsor show. The display was good and contained many useful animals. This breed showed wonderful quality in limb and combined this with fair scale. Of the twenty-seven animals on the grounds, seventeen were from Mr. Soderberg's collection. J. F. Meyer, Herbert, Ill., and C. E. Smith, Tuscola, Ill., judged alternate classes.

AWARDS.

Stallion Four Years or Over—First, Soderberg, on Baron's Hope 12023; second, Soderberg, on Clan Stewart 11658.

Stallion Three Years Old—First, Soderberg, on Ethelbert 12025; second, Soderberg, on Tartan 13105; third, Soderberg, on Milton 13105.

Stallion Two Years Old—First, Soderberg, on Black Douglas; second, Soderberg, on Black Acme 12355.

Yearling Stallion—Soderberg, on Byron's Prince 12057.

Stallion Under One Year—Soderberg, on Osco Captor.

Mare Four Years or Over—First, Soderberg, on Osco Queen; second, McCoy, on Cordelia M. 10925; third, McCoy, on Julia Mack 10923; fourth, McCoy, on Mary Pearl 10926.

Mare Two Years and Under Three—First, McCoy, on Katie May 11606; second, McCoy, on Gertrude May 11603; third, Soderberg, on Osco Bloss 12056.

Mare Three Years and Under Four—First, Soderberg, on Osco Sweetness 1117; second, Soderberg, on Osco Henry 11209.

Yearling Mare—McCoy, on Cora Ellen 12194.

Mare Under One Year—First, McCoy, on Laura Mack 12628; second, McCoy, on Martin Ellen 12629; third, Soderberg, on Osco Lily.

In following awards all above first prize winners excluded and entries must be bred by exhibitor.

Stallion Three Years Old—Soderberg.

Mare Three Years Old—First, McCoy, on

May Pearl 10926; second, Soderberg; third, McCoy, on Cordelia M. 10925; fourth, Soderberg.

Mare Under Three Years—First, McCoy, on Katie May 11606; second, Soderberg; third, McCoy, on Cora Ellen 12194; fourth, McCoy, on Martha Ellen 12629.

Champion Stallion Any Age—First, second and third, Soderberg.

Champion Mare Any Age—First, second and third, Soderberg; fourth, McCoy, on Cordelia M. 10925.

Get of Sire, Four Animals—First, Soderberg; second and third, McCoy.

Produce of Mare, Two Animals—First and second, Soderberg; third and fourth, McCoy.

Best Five Stallion—Soderberg.

BELGIANS.

The story of the Belgian show is short, but interesting, and the general excellence of draft type combined with clean, strong-boned hocks and cannons is a high tribute to the efforts that breeders and importers are expending to bring this breed into greater prominence in this country. It was certainly an exhibit of quality and many showy movers that could cover ground in no slow time brought general applause from onlookers and surprised skeptic minds of the future of this breed. While the greater part of the money went to one firm it was no reflection on their rivals, as an unusual lot of splendid stallions were found in all stables. Awards were made by the same talent that worked on the draft breeds and while decisions were close the work of tying the ribbons passed off smoothly. The exhibitors were: Taylor & Jones, Williamsville, Ill. (1 head); Robt. Burgess & Son, Wenona, Ill. (10 head); Frank Iams, St. Paul, Neb. (5 head); J. Crouch & Son, Lafayette, Ind. (5 head); Finch Bros., Verona, Ill. (5 head).

Aged Stallions—First, Crouch & Son, on Mon Sauhait 1502; second, Crouch & Son, on Cupidon de Leez 2177; third, Taylor & Jones, on Martin du Hazoir 37562; fourth, Frank Iams, Prusant le Luroux 29344.

AWARDS.

Stallion Three Years Old—First, Crouch & Son, on Chabon 2379; second, Burgess & Son, Birmingham 2248; third, Crouch & Son, Luterus 2272.

Two Year Old—First, Crouch & Son, on Nelson 2274; second, Burgess & Son; third, Finch Bros., Memphis 33360.

Champion Stallion—First, Crouch & Son, on Mon Sauhait; second, Crouch & Son, on Cupidon de Leez; third, Crouch & Son, on Charon; fourth, Crouch & Son, on Nelson.

Champion Mare—First, Finch Bros., on D'Alvaux 277.

Produce of Mare—Finch Bros.

Best Five Stallions—First, Crouch & Son; second, Burgess & Son.

Draft Teams in Harness—Draft team any breed or sex, over 1,650 pounds. First, Alfred Odiorne; second, L. N. & O. B. Sizer; third, F. M. Montjoy.

Same, but weighing over 1,800 pounds—First, Swift & Co.; second, Armour & Co.; third, L. W. Cochran.

GERMAN COACH.

The showing of this breed was principally from one stable and were good representatives of their kind, which fact is in keeping with the policy of the Crouch firm of Lafayette, Ind. Frank Iams was also present with a few good ones. Owing to the extent and general merit of their display, the winnings were mostly secured by the former named breeding establishment.

SHEETLAND PONIES.

The little favorites made a great showing and were quite a trappy, spirited-stepping bunch, with about the right size in most cases, though some of the teams were too thick bodied and slow in movement. In the four-in-hands Chas. E. Bunn, of Peoria, deserves special mention, with his two teams. Exceptionally trim and stylish, with spirit and action nothing short of a high-grade carriage horse. Eight flashy outfits in this entry made the contest exciting and first went to Chas. E. Bunn, second to Geo. H. Simpson, Chicago, and third to Logan W. Black, Jacksonville, Ill. Altogether about 100 ponies made the stalls most attractive to all lovers of the children's horse.

MULES.

Mules are beginning to occupy an important place in the northern shows of the day. This was a very strong and complete show and the mule teams in harness were one of the drawing cards. In this contest four

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splendid teams hitched to wagons paraded around the arena to the delight of the spectators. First went to a 3,700-pound team with a great amount of style and attractiveness; great, massive fellows they were, the kind in demand these days. Second and third were smaller teams but were a surprise for speed and stylish action. First went to Ira Shafer, Sharpsburg, Ill., and second to Chas. C. Judy, Tallula, Ill.

SWINE.

POLAND CHINAS.

The Poland Chinas as usual were out in greatest numbers, there being 529 Polands on the ground. In quality and uniformity the standard this year was high. The Illinois ribbons are generally considered the most desirable of all shows and it is true there are fewer common ones there than at any other fair. But many of the old show men seemed to think the winners at Iowa were fully up to the winners at Illinois; in most all cases certainly the champion at Iowa would give the Illinois champion a close rub. The hog that comes nearest filling a rectangular box was the winner this year. Many breeders considered this show the strongest ever seen at the fair, taken as a whole. Illinois a little more than held her own, but many good ribbons left the state. The champion sow belongs in Kansas and the aged herd prize went to Missouri. In the aged boar class Perfection Challenger was an outstanding winner, a long-bodied, deep hog, smooth and mellow for an old one, though a little weak in loin. Onward stood next, but would have been a winner at many shows. He was some smaller than the hog ahead of him and hardly so good on back and ham, though this feet were good; in fact, the three first-prize boars were coking good ones; better than this class usually is. In senior yearlings Perfection Hart 2d went out, carrying his great size easily on the best of feet, showing refinement and breed character. He has especially good back, heart girth and chest and is nearly an ideal Poland. This hog won at Iowa and carried his form of bloom well. The junior yearlings were a strong class and good hogs went back to their pens without ribbons. The judge took plenty of time to decide and finally picked On the Dot, a broad, deep-bodied hog, one that can carry his top line well, strong back of shoulders, his under line coming very near the ground—a hog very hard to fault. He did not carry his head quite as stylishly as the Indiana prize boar, and that was about the only criticism that could be made. Meddler 2d won second; his style and dash was the subject of much favorable comment. He was not as deep and broad as the first-prize hog, but a top notcher just the same. Separator stood next—a lengthy, growly lad, with plenty of bone, though a little plain in head. Taken as a whole this was said to be the best junior yearling show ever seen at Springfield. The under a year class was the strongest seen this year, according to our best-posted breeders, with seventeen in class, which gave the judge plenty to do. Keep On Meddler was his choice and he certainly is a grand young hog and has a great future before him. Not a single criticism was heard of this hog. His makeup is what the breeders are demanding, a hog showing breed character and early maturity. The pig below him, Regulator 2d, was not far behind him, though possibly not as good in

back as winner in this class. These pigs weighed between 425 and 450 pounds, which certainly helped them sustain the reputation as early maturers. The under six months class is one that requires great skill and knowledge to decide and the price could have been awarded to any of the first four without causing any dissatisfaction. Voter stood first. He had an extra well-sprung rib and his stylish makeup probably helped him win. He is not as fine grained as Kemp's Leader, the second-prize hog. Sir Nigil 2d is a very mellow, fine-grained pig, but was not as even as others. In aged sows there were only four, but they were good ones. Corrector Perfection, the great sow Francis showed at Des Moines, is a broad, deep individual, with extra good hams and a refined head. Not far behind her was Keep On's Best, a half sister to the first-prize senior yearling boar. She is a fine, smooth sow, with length. Lady E. L. is a coking good one; very even from end to end and especially strong over the shoulders. In the senior yearling we find the sow that was later made champion. She was a beautifully-turned sow, almost perfect in makeup, but a little undersized. Silk Finish, the sow that stood next, was of the larger, broody type, though a little heavy in ear. The Francis sow is better in head and ear, but not so large. In junior yearlings Plush and Satin Finish incited considerable favorable comment. They are of the large, stretchy type, one that our breeders would do well to recognize. They are a little plain in head, but show the strong, arched back, though scarcely as much width because of their depth, and they stand up on the best of feet. Hulda's Darkness stood between them and her style and finish won for her. The under a year class was an exceptional one, there being so many nearly matched that criticism is almost impossible. The autumn sows were very even and showy. The Lock and Wellington sow showed the result of careful breeding in refinement and quality. The under six months class presented the usual difficulty for the judge. The first place went to Indiana on a broad-backed gilt showing great quality. The second prize gilt was a trifle coarser in coat. In this class Winn and Kemp each had a bunch of gilts of exceptional merit. In aged herds Lail won first on his Finish sows. His boar was not the equal of the Winn boar, but the quality of the sows was enough to overcome this. In the champion boar class the cream of the show came out and they were an attractive class. On the Dot won, but Perfection Hart had plenty of friends for first place. For champion sow, Louise Oakwood, with her style and quality won over a very good class of sows. Perhaps the Lail sow was her strongest rival. The Poland judge, Ed Klever, did remarkably good work throughout the Poland classes and his decisions were received gracefully by exhibitors and visitors alike.

Exhibitors: A. F. Hoer, Armington, Ill. (20 head); E. E. Damell, Armington, Ill. (7 head); R. R. Stafford, Minier, Ill. (2 head); C. S. Sutter, Mapleton, Ill. (1 head); J. C. Brooks, Springfield, Ill. (7 head); W. A. Jones, Atlanta, Ill. (22 head); J. M. Kemp, Kenney, Ill. (11 head); Goodrich Farm, Eldrid, Mo. (17 head); J. D. Parker, Rochester, Ill. (15 head); Louis Denton, Rochester, Ill. (12 head); J. H. Irwin, Pleasant Plains, Ill. (16 head); J. W. Richeson, Rochester, Ill. (13 head); R. L. Bratton, New Ross, Ind. (37 head); A. Glenn, Shepherdsville, Ky. (8 head); J. J. Ramsey, Mt.

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Carmel, Ill. (2 head); O. A. Jewet, Cowden, Ill. (2 head); J. F. Kelley, Sullivan, Ill. (4 head); Real & Richards, Ferris, Ill. (10 head); Mrs. J. P. Plummer, Rochester, Ill. (3 head); Clarence Shively, Glenarm, Ill. (15 head); Martin Cloney (5 head); J. E. Burge, Decatur, Ill. (9 head); H. A. Goode, Bearsdale, Ill. (4 head); J. R. Taft & Bro., Rochester, Ill. (10 head); H. D. Parker (5 head); G. E. Jones, Rochester, Ill. (10 head); Lock & Wellington, Indiana (29 head); G. A. Singleton, West Liberty, Iowa (14 head); Harry Burst, Mt. Carmel, Ill. (1 head); W. A. Holland, New London, Iowa (1 head); Ily & Potter, Grayville, Ill. (6 head); Clyde Carrington, Jamaica, Ill. (9 head); F. L. Brumback, Sissna Park, Ill. (21 head); W. C. Williams, Knightstown, Ind. (23 head); J. B. Smiley, Knightstown, Ind. (26 head); F. M. Lail, Marshall, Mo. (5 head); S. E. Arman, Sadoris, Ill. (24 head); Ira Bryan, Ohio, Ill. (16 head); R. S. Wood, Petersburg, Ill. (2 head); J. H. DeWolf, Petersburg, Ill. (1 head); W. F. Downing, Ryan, Iowa (6 head); Jno. Francis & Son, New Lenox, Ill. (18 head); F. D. Winn, Mastin, Kan. (31 head); C. J. Off, Peoria, Ill. (2 head); Cotta & Mathis, Farmington, Ill. (4 head); B. F. Reed, Veederburg, Ind. (1 head); A. J. Wallschager (1 head). Total 529 head. Ed Klever, judge.

AWARDS.

Boar Two Years or Over (6 in class)—First, Kaylor, on Perfect Challenger by Chief Perfection 2d, dam E. L.'s Delightful; second, Jones, on Onward by On and On, dam Haines Beauty; third, Carrington, on Model Chief by Model Perfection, dam Lady Black Perfection.

Boar Eighteen Months and Under Twenty-four—First, Brumback, on Perfection Hart 2d by Perfection Hart, dam Wilkes Style 43d; second, Bryan, on Disturber by High Top, dam Lady Foster; third, Wood, on Perfection's Likeness Jr. by Perfection's Likeness, dam Oneida's Beauty.

Boar Twelve Months and Under Eighteen (10 in class)—First, Kemp, on On the Dot by On and On, dam Bashful of Maple Grove; second, Winn, on Meddler 2d by Meddler, dam Thistle Top; third, Glenn, on Separator by Chief Perfection 2d, dam Beauty Perfection.

Boar Six Months and Under Twelve (17 in class)—First, Brumback, on Keep On Meddler by Meddler, dam Lady Keep On; second, Hoer, on Regulator 2d by Regulator, dam Beauty's Ideal; third, Goodrich, on Outlaw by Meddler, dam Serinity.

Boar Under Six Months—First, Winn, on Voter by Meddler 2d, dam Mischievous Louise; second, Kemp, on Kemp's Leader by Hulda's Perfection, dam Hulda's Image; third, Lock & Wellington, on Sir Nigel 2d by Sir Nigel, dam Cleopatra.

Sow Two Years and Over—First, Francis, on Corrector Perfection by Francis Perfection, dam Correct Model; second, Glenn, on Keep On's Best by Keep On, dam Wilkes Style 43d; third, Cotta & Mathis, on Lady E. L. by Perfection E. L., dam Sadie T. 3d.

Sow Eighteen Months and Under Twenty-four (11 in class)—First, Winn, on Louise Oakwood by Corrector 2d, dam Lady Louise; second, Lail, on Silk Finish by Grand Chief, dam Jaunita; third, Frances, on F's Lady J. 6th by Francis Perfection, dam Ideal Lady J.

Sow Twelve Months and Under Eighteen—First, Lail, on Plush Finish by Grand Chief, dam Jaunita second, Garvey, on Hulda's Darkness by Darkness Perfection, dam Hulda's Climax; third, Lail, on Satin Finish by Grand Chief, dam Jaunita.

Sow Six Months and Under Twelve—First, Kelley, on Autumn Dream by Chief Sunshine Dream 3d, dam Kemp's Lady; second, Lock & Wellington, on Beauty Perfection 3d by L. & W. Perfection, dam Beauty Perfection 2d.

Sow Under Six Months—First, Smiley, on gilt by Mo. King, dam Cubanola 2d; second, Kemp, on Perfect Image 1st by Hulda's Perfection, dam Hulda's Image; third, Winn, on gilt by Meddler 2d, dam Mischievous Louise.

Boar and Three Sows One Year and Over (6 in class)—First, Lail, on herd headed by Tom Lipton by Grand Chief, dam June Rose, sows, Silk, Plush and Satin Finish; second, Winn, on herd headed by Meddler 2d, sows Louise Oakwood, April Shower and Daisy; third, Francis, on herd headed by Prince F., sows Corrector Perfection, F's Lady J. 6th and May Queen.

Boar and Three Sows One Year old and Over bred by Exhibitor—Same as above.

Boar and Three Sows Under One Year (6

in class)—First, Kelley, on herd headed by Coastmaster by Chief Sunshine, dam Kemp's Lady; second, Winn, on herd headed by Voter by Meddler 2d, dam Mischievous Louise; third, Lock & Wellington, on herd headed by Sir Nigel 2d by Sir Nigel, dam Cleopatra.

Boar and Three Sows Under One Year Bred by Exhibitor—Same as above.

Four Pigs Under Six Months, Produce of Same Sow (6 in class)—First, Winn, on produce of Mischievous Louise; second, Kemp, on produce of Hulda's Image; third, Lock & Wellington, on produce of Cleopatra.

Four Swine Get of Same Boar Bred by Exhibitor (6 in class)—First, Lail, on get of Grand Chief; second, Francis, on get of Francis Perfection; third, Kelly, on get of Chief Sunshine.

Champion Boar—Kemp, on On the Dot. Champion Sow—Winn, on Louise Oakwood.

DUROC JERSEYS.

In the aged class Commodore was a wonderful hog in many ways. He has great size, weighing 1,080 pounds and carries it easily on the best of feet. His color, a dark cherry, at his age speaks well for him. Junior Jim stood next to him and had refinement and more quality, but did not carry his width as evenly. King Gold Coin stood third. These last two were evenly matched. In senior boars Tokio Paul carried off the honors. He was a showy, mellow fellow and carried his great length well. Junior yearlings was another strong class and the judge spent a good deal of time in picking the winners out of thirteen good ones. Orion King was at last decided upon, although many outsiders differed with the judge in this, as they did in many classes. Ambition stood second. He was a mellow hog with splendid coat, good head and ear. The under year boars were also a strong class, notable for their uniformity. The winner, Shorty Orion, was an extra good one. He stood on the best of feet. He shows a good, strong bone, deep body and carries his back well. Illinois Chief was very much the same kind of a hog and it would be hard to tell just which should win. He lacked a little in length. Any one of the first three could have been placed first without going far wrong. The judge discriminated against high fitting all the way through. The under six months class brought out thirty—the cream of many herds. Cutler won on a pig that closely resembled the winning Polands. He was good

ris, Bowen, Ill. (18 head); H. L. Comer, Carlinville, Ill. (18 head); L. W. Cross, Mason City, Ill. (9 head); Edw. Aldrich, Rosemont, Ill. (23 head); T. E. Laurie, Jacksonville, Ill. (12 head); Geo. Gilliland, Wrights, Ill. (10 head); Fagan, Brownings, Hess & McCabe (28 head); W. F. Allen, Ripley, Ill. (5 head); Nelse Thompson, Rochester, Ill. (9 head); W. T. Catton, Springfield, Ill. (11 head); Thomas & Hogsett (23 head); E. A. Baxter, Pawnee, Ill. (9 head); J. P. Plummer, Rochester, Ill. (14 head); Fred Kraschell & Son (16 head); J. C. Roach, Girard, Ill. (7 head); N. B. Cutler, Garthage, Ill. (18 head); Real & Richards, Ferris, Ill. (9 dam Miss Watt; second, Deal & Son, on Auditor D. by Golden Hero, dam Hillie's Model; third, Jackson, on pig by Orion Chief, dam Nellie M.

Sow Two Years Old and Over (20 in class)—First, Fagan, Browning, Hess & McCabe, on Foust's Pride by Kan't Be Beat, dam Xenia Queen; second, Manley, on Bethel by Young John, dam Osborn's Best; third, Titter, on Clover Blossom 1st by Crimson Top, dam Clover Blossom.

Sow Eighteen Months and Under Twenty-four (12 in class)—First, Jackson, on King's Lady by Orion Chief, dam King's Lady; second, Teter, on Pearlina by Chief Surprise, dam Cotton Girl; third, Harris, on Lady Queen by Oom Paul, dam Young Queen.

Sow Twelve Months and Under Eighteen (15 in class)—First, Greer, on Lottie S. by Tip Top Notcher, dam Goldie O. 40th; second, Jackson, on King's Lady A. by Orion Chief, dam King's Lady; third, Cutler, on Red Lady by Ely's Improver, dam Red Rose.

Sow Six Months and Under Twelve—First, Cutler, on Lady Kruger by Kruger, dam Orion Lady; second, Jackson, on Annie Orion by Orion Chief, dam Florodora 5th; third, Teter, on Miss Ride by Golden Chief, dam Pride of the West.

Sow Under Six Months (24 in class)—First, Thomas & Hogsett, on You Can't Beat Her by Ambition, dam Bessie Bell; second, same, on Gold Coin by Ambition, dam Golden B.; third, Greer, on Lady G. by Steven A. Douglass, dam Lottie S.

Boar and Three Sows One Year and Over (5 in class)—First, Harris, on Commodore, Lady Queen, Grace F. 2d and Red Silk; second, Jackson, on King Gold Coin, Orion Lady A., Orion Lady B. and King's Lady 1st; third, Manley & Co., on Junior Jim, Bethel, Need and unnamed.



Trumans' Three-year-old Winning Hackney

all over and was very hard to fault. This class was so evenly matched that it was largely a matter of style and condition on which a judge could base his decision. In old sows great matrons came out. They were deep and roomy with splendidly arched back. Foust's Pride was a grand sow, though she was not very far ahead of Bethel. She was very good. She won on her depth, back and coat. The third prize sow would stand a little more fullness behind shoulder. The senior yearlings were also a strong class. King's Lady won on better feet and bone. The first three were very even. Old breeders said they had never seen so much quality in one ring. The sows in the junior yearling class are usually in their prime and make a fine showing. Lottie S. was a tidy young sow, extra good in hams and loin. King's Lady A. was a very deep-bodied individual of good quality. There were eighteen under year sows and all but a few outstanding good ones. The young sows were better on their feet than the older ones, which shows advance went in the breed. The herd classes make a nice showing, perhaps the nicest showing of all. Harris won with his boar, Commodore, at the head, although Jackson had better sows and a class winning boar. The judge probably remembered the old saying that the sire is half the herd. The winning young herd was composed of Jackson's sows shown in other classes. In the show for champion boar Tokio Paul gave Commodore a close rub. He would have been a winner at most any show but in this.

Exhibitors: W. W. Green & Son, Rushville, Ill. (47 head); G. W. Trone, Rushville, Ill. (8 head); Louis Denton, Rochester, Ill. (3 head); A. A. Hill (5 head); C. C. Cramer, Huntsville, Ill. (16 head); H. B. Griffith, Bowen, Ill. (18 head); Manlove Bros. & Nor-

Boar and Three Sows One Year Old and Over, Bred by Exhibitor (6 in class)—First, Manley & Co., on Proud Monarch, Bethel, Need and Shady Nook Beauty; second, Kraschell, on Gold Standard, Perfection Maid, Perfection Maid 2d and Perfection Maid 3d; third, Cutler, on Ill. Chief, Bonny Girl, Cutler's Queen and Goldie C.

Boar and Three Sows Under One Year (7 in class)—First, Jackson, on Shorty Orion, Annie Orion, Fancy Orion and Nancy Orion; second, Cutler, on Wonder Boy, Ill. Queen, Lady Kruger and Princess; third, Greer, on Ill. Chief, Schuyler Bell, Ruby and Hallie G.

Boar and Three Sows Under One Year, Bred by Exhibitor—Same as above.

Four Pigs Under Six Months, Produce of Same Sow—First, Cutler, on produce of Miss Watt, sired by Pilot Boy; second, Harris, on produce of P. Duchess II., sired by Top Notcher 10th; third, Thomas & Hogsett, on produce of Golden B., sired by Ambition.

Four Swine Get of Same Boar, Bred by Exhibitor—First, Jackson, on Shorty Orion, Annie Orion, Orion Lady A. and Orion Lady B.; second, Greer, on Ill. Chief, Lottie, Ruby and Hallie G.; third, Thomas & Hogsett.

Champion Boar—Harris, on Commodore.

Champion Sow—Fagan, Browning, Hess & McCabe, on Foust's Pride.

CHESTER WHITES.

The Chester Whites were not very strong in numbers, but they had a very strong head; Van Doren, Chatham, Ill. (31 head); Stanwell & Matern, Magnolia, Ill. (16 head); John O'Neal, Remington, Ind. (14 head); J. A. Titter, Remington, Ind. (15 head); E. Hemling, Lexington, Ill. (6 head); W. F. Downing, Ryan, Iowa (13 head); A. W. Harris, Waverly, Ky. (14 head); Deal & Schweizer (35 head); Manley & Co., Lyons, Neb. (17

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head); C. T. Rodgers, Petersburg, Ill. (14 head); Ira Jackson, Tippecanoe City, Ohio (10 head). W. E. Spicer, judge.

AWARDS.

Boar Two Years and Over (12 in class)—First, Harris, on Commodore by International, dam Cyclopeda 3d; second, Manley & Co., on Junior Jim by Chitwood, dam by Hulda's Jim; third, Jackson, on King Gold Coin by Gold Coin, dam Cedarvale Queen.

Boar Eighteen Months and Under Twenty-four (4 in class)—First, Trone, on Tokio Paul by Oom Paul, dam Paulina; second, Harris, on Kentucky Colonel 2d by Harris Colonel, dam P. Duchess; third, Manley & Co., on Proud Monarch by Proud Advance, dam by Dandellon.

Boar Twelve Months and Under Eighteen (13 in class)—First, Cutler, on Orion King by Orion Chief, dam King Lady; second, Thomas & Hogsett, on Ambition by A Top Notcher, dam Lib C.; third, Kraschell, on boar sired by Gold Cloud.

Boar Six Months and Under Twelve (15 in class)—First, Jackson, on Shorty Orion by Orion Chief, dam Florodora 5th; second, Greer, on Ill. Chief by Tip Top Notcher, dam Daisy Improver; third, Fagan, Browning, Hess & McCabe, on Helen's Tip Top Notcher by Tip Top Notcher, dam Helen Blazes.

Boar Under Six Months (30 in class)—First, Cutler, on Wonder Boy by Pilot Boy, shown in most classes. Humbert & White carried off a majority of the ribbons with a very strong herd. Some Chesters in the show had a serious defect, that of being weak on feet. Some were also inclined to droop in the back. Joker, the first-prize aged boar, later made champion, was a very good one, and very near the Poland China type. The hog that stood next to him was a little lighter in the hams. Neponset Boy, winner in the twelve to eighteen months class, was a strong favorite for champion and would have looked all right as champion. The under a year class brought out some good ones. Meddler was sweepstakes boar at Des Moines, being extra good in feet, a lengthy pig, with a well-sprung rib. The

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Indiana prize pig was good enough to give the judge a hard one. The under six months class brought out fifteen, but they were uneven in size and the judge was at sea on account of their ages, some being too old for their class and had to be thrown out. He finally selected the Loughbridge pig. Second-prize pig was better in head and ear. Mears brought a very fancy youngster, a late pig, that would have stood higher if his feet had been better. In the aged sow class Springfield Fancy carried off the honors. She showed more style and finish than Sweet Marie, an extra good boar, though a trifle heavy in ear. The sows in this class were very strong and would have compared favorably with the same class in any of the breeds. The sow class was as a rule better than the boars, and showed evidence of having produced pigs, and many were bred. The under one year class brought out a nice, even bunch and the winners were not outstanding. They showed lots of quality and breed character. Champion boar went to Joker. It lay between him and Neponset Boy, but the winner had a better-sprung rib and carried his width a little better. In this champion sow class Springfield Fancy carried off the honors. She is a great sow, of deep body, has a good, strong back, good on feet, especially strong back of shoulders. The exhibitors were: Jno. C. Weddle, Franklin, Ind. (14 head); E. L. Mears, Neponset (25 head); W. L. Dodd (2 head); F. D. Humbert & White, Nashua, Iowa (21 head); McCandless Bros., Barclay (16 head); W. A. Hinkle, Decatur (13 head); F. C. Bow, Ava (4 head); Orr Phillips, Hamlet, Ill. (1 head); J. M. & J. F. Stevenson, Adrian (15 head); Gus Yonica, Olney (15 head); J. A. Loughbridge, Delta, Iowa (15 head). Total, 140 head.

AWARDS.

Boar Two Years Old and Over (6 in class)—First, Humbert & White, on Joker by Combination, dam Idella; second, Weddle, on sow by Duke of Dugar Plain; third, Humbert & White, on sow by Combination.

Boar Eighteen Months and Under Two Years (3 in class)—First, Humbert & White, on Humbert's Choice by Combination, dam Idella; second, Mears, on Prince O. K. by Jerry S., dam Yum Yum; third, Weddle, on Silver Tip by Leader, dam Model Queen.

Boar Twelve Months and Under Eighteen (6 in class)—First, Humbert & White, on Neponset Boy by Nashua Boy; second, Hinkle, on Joe by White Joe 2d; third, Richards & Stevens, on Teddy All Right by Roosevelt, dam Lady Perfection.

Boar Six Months and Under Twelve (10 in class)—First, Humbert & White, on Modder by Nashua Boy; second, Mears, on Fisher Medium 3d by Fisher Medium, dam Neponset Belle; third, Bow, on the Winner by Logan, dam Belle of Springfield.

Boar Under Six Months (15 in class)—First, Loughbridge, on pig by Victor, dam Delta Belle; second, Humbert & White, on pig by Nashua Boy; third, Mears, on Neponset Choice by Prince O. K., dam Model Grace 4th.

Sow Two Years Old and Over (4 in class)—First, Mears, on Springfield Fancy by Neponset King, dam Springfield Belle; second, Humbert & White, on Sweet Marie by Combination; third, Yonka, on Bessie by Perfection Chief, dam Miss Nation.

Sow Eighteen Months and Under Two Years (7 in class)—First, Humbert & White, on Idella 2d by Combination, dam Idella; second, Humbert & White, on sow by Nashua Boy; third, Mears, on Fancy Grace by Neponset King, dam Model Grace.

Sow Twelve Months and Under Eighteen (5 in class)—First, Humbert & White, on sow by Nashua Boy; second, Weddle, on Equality by Louis R., dam Modest 2d; third, Loughbridge, on sow by Iowa Champion, dam Delta Belle.

Sow Six Months and Under Twelve (15 in class)—First, Humbert & White, on sow by Nashua Boy, dam Astoria; second, Weddle, on Aralia by Louis R., dam Milby; third, Humbert & White, on sow by Nashua Boy.

Sow Under Six Months (13 in class)—First, Weddle, on Rosy B. by Old Coin, dam Russell's Choice; second, McCandless, on Miss Lilac by Col. Barclay, dam Lilac; third, Mears, on Neponset Lady by Fisher Medium, dam Iowa 2d.

Boar and Three Sows One Year Old and Over (4 in class)—First, Humbert & White, on herd headed by Neponset Boy, sows Idella 2d, Iowa Star and sow by Nashua Boy; second, Humbert & White, on herd headed by Joker, sows, Sweet Marie, Beauty and Judge's

Choice; third, Mears, on herd headed by Prince O. K., sows, Springfield Fancy, Fancy Grace and Prido of Maple Grove.

Boar and Three Sows One Year Old and Over Bred by Exhibitor—The same as above.

Boar and Three Sows Under One Year (3 in class)—First, Humbert & White, on herd headed by Modder; second, Mears, on herd headed by Fisher Medium 3d, sows, Neponset Lola, Neponset Hazel, Neponset Daisy; third, Weddle, on herd headed by Majestic Victor, sows, Azalia, Clarissa and Lady Irene.

Boar and Three Sows Under One Year Bred by Exhibitor—The same as above, except Loughbridge took third.

Four Pigs Under Six Months Produce of Sow (3 in class)—First, Loughbridge, on produce of Lillian; second, McCandless, on produce of Lilac.

Four Swine Get of Same Boar and Bred by Exhibitor (5 in class)—First, Humbert & White, get of Nashua Boy; second, Humbert & White, get of Combination; third, Mears, on get of Billy A.

Champion Boar—Humbert & White, on Joker.

Champion Sow—Springfield Fancy.

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Boar Under Six Months—Humbert & White.

Sow Under Six Months—McCandless.

Five Pigs Under Six Months—McCandless.

Pair of Pigs Under One Year—Humbert & White.

Boar and Three Sows Any Age—Humbert & White.

BERKSHIRES.

While there were only 123 Berkshires on exhibition at Springfield, the quality made up for the lack in numbers. All the rings were well filled and some notable individuals were shown, among them Lord Premier's Rival, but he went down in defeat in the sweepstakes ring to O. H. F. Sensation, a fine specimen of the breed, standing on better feet than his competitor and a little deeper in body. The sweepstakes sow, Hood Farm Duchess, was a grand specimen, one of the best shown this year. The following breeders were present with their herds: Overton Hall Farm, Nashville, Tenn. (24 head); Hood Farm, Lowell, Mass. (24 head); Morgan County Bank Association, Linderberg, Ill. (5 head); Shropshire, Lexington, Ky. (1 head); C. D. Johnson, Nashua, Iowa (10 head); J. L. Werrick, Cowden, Ill. (6 head); J. Everson & Son, Wellington, Ohio (19 head); J. A. Leland, Springfield, Ill. (7 head); Ravenwood Stock Farm, Nashville, Tenn. (15 head); H. B. Cass, Buffalo Hart, Ill. (7 head); Etzler & Moses, Decatur, Ind. (14 head); Sam Spillman, Sturgeon, Mo. (1 head). The following awards were made by G. W. Berry:

Boar Two Years and Over (7 in class)—First, Overton Hall Farm, on O. H. F. Sensation; second, Spillman, on Robt. Lee 790; third, Hood Farm, on Hood Farm Rex.

Boar Eighteen Months and Under Two Years (3 in class)—First, Etzler & Moses, on hog by Lord Lee; second, Everson, on Loyal Premier; third, Hood Farm, on Sultan of Hood Farm.

Boar Twelve Months and Under Eighteen (5 in class)—First, Herrick, on Lord Premier's Rival; second, DeBow, on Premier Ravenwood; third, Cass, on Victorious.

Boar Six Months and Under Twelve (10 in class)—First, Snopshire, on Bourbon's Model; second, DeBow, on Highland Chief; third, Overton Hall Farm, on Oak Francis 2d.

Boar Three Months and Under Six (10 in class)—First, DeBow, on Premier Perfection; second, Cass, on unnamed pig; third, DeBow, on Premier Model.

Sow Two Years and Over (8 in class)—First, Hood Farm, on Hood Farm Duchess 17th; second, Overton Hall Farm, on Artful Bell 36th; third, Overton Hall Farm, on Royal Beauty 122d.

Sow Eighteen Months and Under Two Years (7 in class)—First, Overton Hall Farm, on Lady Majestic; second, Overton Hall Farm, on Lady C. 7th; third, DeBow, on Lady Lee R.

Sow Twelve Months and Under Eighteen (17 in class)—First, Etzler & Moses, on Star Light Lady Lee 5th; second, Everson, on Alice Majestic; third, Overton Hall Farm, on Premier Perfection.

Sow Six Months and Under Twelve (21 in class)—First, DeBow, on Crown Jewel; second, Johnson, on sow, not named; third, Hood Farm, on Hood Farm Holy Rood 17th.

Sow Three Months and Under Six (16 in class)—First, Werrick; second, Etzler & Moses.

Boar and Three Sows Over One Year (8 in class)—First, Overton Hall Farm, on herd headed by O. H. F. Sensation; second, Werrick, on herd headed by Lord Premier's Rival; third, DeBow, on herd headed by Premier Ravenwood.

Boar and Three Sows One Year Old, Bred by Exhibitor (4 in class)—First, Everson, on herd headed by Premier Duke; second, Hood Farm, on herd headed by Hood Farm Toppy; third, Etzler & Moses, on herd headed by King.

Boar and Three Sows under One Year (5 in class)—First, DeBow, on herd headed by Highland Chief; second, Hood Farm, on herd headed by Hood Farm Rex 19th; third, Overton Hall Farm, on herd headed by Oaklawn Francis 2d.

Boar and Three Sows Under One Year, Bred by Exhibitor (3 in class)—First, Hood Farm, on herd headed by Hood Farm Rex 19th; second, Everson, on herd headed by Woodlawn Prince; third, Johnson.

Four Pigs Under Six Months, Produce of Same Sow (3 in class)—First, Etzler & Moses, on produce of Starlight Lady Lee; second, Everson, on produce of Belle Majestic.

Four Swine Get of Same Boar, Bred by Exhibitor (6 in class)—First, Hood Farm, on get of Hood Farm Rex; second, Johnson, on get of Merger Star; third, Everson, on get of Loyal Premier.

Boar Any Age—Overton Hall Farm, on O. H. F. Sensation.

Sow Any Age—Hood Farm, on Hood Farm Duchess 17th.

HAMPSHIRE.

The Hampshires made a strong showing and are taking well. The breeders have

about settled on a type and much progress is now being made. The hogs shown, with a few exceptions, were uniform in type and as a whole they made one of the attractive features of the show. Three exhibitors were there: E. C. Stone, Armstrong, Ill. (45 head); Hughes Atkinson, Mt. Sterling, Ky. (25 head); John Goodwine, Jr., Pontiac, Ill. (16 head), making a total of 86 head. Q. I. Simpson, judge.

AWARDS.

Boar Two Years and Over (4 in class)—First, Goodwine, on Legal Tender 660; second, Stone, on Gem Munson 500; third, Stone, on Artisan John 550.

Boar Eighteen Months and Under Two Years (6 in class)—First, Atkinson, on Stone's Duke; second, Stone, on Uncle Jim 851; third, Atkinson, on Teddy 879.

Boar Twelve Months and Under Eighteen (7 in class)—First and second, Stone, on Mo. King 777 and Charley Ross; third, Atkinson, on Catalpa Duke.

Boar Six Months and Under Twelve (5 in class)—First, Stone, on David Harum; second, Goodwine; third, Atkinson, on King Catalpa.

Boar Three Months and Under Six (6 in class)—First, Goodwine; second, Stone, on Stone's Choice; third, Stone, on Allen's Best.

Sow Two Years and Over (9 in class)—First, Stone, on Miss Dale; second, Atkinson, on Stone's Selection; third, Goodwine, on Susie 2d.

Sow Eighteen Months and Under Two Years (3 in class)—First, Pretty Maid; second, Stone, on Miss Miles; third, Atkinson, on Queen B.

Sow Twelve Months and Under Eighteen (6 in class)—First, Atkinson, on Florence; second, Stone, on Betty; third, Stone, on April Lass.

Sow Six Months and Under Twelve (9 in class)—First, Atkinson, on Bessie E.; second, Goodwine; third, Stone.

Boar and Three Sows Over One Year (5 in class)—First, Stone, on herd headed by Mo. King; second, Atkinson, on herd headed by Stone's Duke; third, Stone, on herd headed by Gen. Munson.

Boar and Three Sows One Year Old, Bred by Exhibitor—Placed same as above.

Boar and Three Sows Under One Year (7 in class)—First, Stone, on herd headed by David Harum; second, Goodwine; third, Atkinson, on herd headed by King Catalpa.

Boar and Three Sows Over One Year, Bred by Exhibitor—Same as above.

Four Pigs Under Six Months, Produce of Same Sow—First, Goodwine, on produce of Susie 2d; second, Goodwine, on produce of Perfection B.; third, Atkinson, on produce of Fayette Queen.

Four Swine Get of Same Boar—First, Stone, on get of Gold Medal; second, Goodwine, on get of Monarch of Boon; third, Atkinson, on get of Stone's Duke.

Boar Any Age—Goodwine, on Legal Tender.

Sow Any Age—Stone, on Miss Dale.

TAMWORTH.

This is one of the new breeds to be recognized and gaining in popularity. The showing here was good and the judge pronounced it one of the best exhibits he had ever seen. The type he favored seemed to be satisfactory to the exhibitors, who were Frank Thourber, Carthage, Ill. (16 head); Jas. P. McCollom, Ferris, Ill. (18 head); W. Warren Morton, Russellville, Ky. (19 head).

SHEEP.

COTSWOLDS.

The Cotswolds were few in numbers, but brought out the best show seen so far this year according to the judge and ring side comment. Ribbons were tied where they seemed to belong and the results of the tying gave general satisfaction. The aged ram class brought some good ones. The winner was a large, strong ram, well woolled all over except perhaps just a trifle on the back. There was some criticism over the placing of a lamb over an aged ram, but the lamb was a captivating youngster, carrying one of the best fleeces seen in the show ring for some time. The champion ewe had plenty of competition and the judge worked long on the classes, but she is an exceptional ewe and has been a winner at the principle shows and never has been defeated. The following breeders were present with their herds: F. W. Harding, Waukesha, Wis.; Wilson Bros., Muncie, Ind.; Lewis Bros., Camp Point, Ill. The following awards were made by H. Compton.

Ram Two Years or Over—First, Wilson Bros.; second, Lewis Bros.; third, Harding.

Ram One Year and Under Two—First, Harding; second, Wilson Bros.; third, Lewis.

Ram Lamb Under One Year—First, Lewis Bros.; second, Harding; third, Wilson Bros.

Ewe Two Years Old and Over—First, Wilson Bros.; second, Harding; third, Lewis Bros.

Ewe One Year and Under Two—First, Harding; second, Wilson Bros.; third, Lewis Bros.

Ewe Lamb Under One Year—First, Harding; second, Harding; third, Wilson Bros.

Pen Four Lambs, Two Rams and Two Ewes, Get of One Ram to be Bred and Owned by Exhibitor—First, Wilson Bros.; second, Lewis Bros.

Ram Any Age—Lewis Bros.

Ewe Any Age—Wilson Bros.

Special Pen of Four Lambs, Either Sex, Get of One Ram Bred and Owned by Exhibitor—First, Lewis Bros.; second, Lewis Bros.

MERINOS.

W. S. Dixon, judge.

Ram Two Years and Over—First, C. H. Bell, Ashley, Ohio; second, Cook Uriah & Son, Peoria, Ohio; third, McGonigle & Sons, Ashley, Ohio.

Ram One Year and Under Two—First, McGonigle & Sons; second, Bell; third, Bell.

Ram Lamb—First and second, McGonigle & Sons; third, Bell.

Ewe Two Years and Over—First, Bell; second, Cook & Son; third, McGonigle & Sons.

Ewe One Year and Under Two—First, McGonigle & Sons; second, Bell; third, Cook & Son.

Ewe Lamb Under One Year—First and

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third, McGonigle & Sons; second, Cook & Son.

Flock, Ram and Three Ewes—First, McGonigle & Sons; second, Bell; third, Cook & Son.

Pen, Four Lambs, Two Rams and Two Ewes, the get of one Ram, to be Bred and Owned by Exhibitor—First, McGonigle & Sons; second, Bell; third, Cook & Son.

Ram Any Age—McGonigle & Sons.

Ewe Any Age—McGonigle & Sons.

SHROPSHIRE.

The Shropshire show was not as large and strong as usual, but among them was said to be the best individuals shown this year anywhere. The aged ram class was very strong and the ram that won was an outstanding individual. Harding's yearling ram won in his class and later was made champion. He has great size, is deep and shows a splendid leg of mutton. His head was well covered, in fact he was woolled clear to the ground. Altamont carried off the championship for ewes on better woolled head and most feminine character. Harding's ram lamb was a catchy youngster.

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HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Fall Care of Grape Vines.

To the Editor of The Homestead:

There is no reason why every farmer should not raise enough grapes at least for his own family, but such is the case.

The grape, unlike other fruits, should receive its pruning in the fall. In fact with the other prerequisite, winter protection, the essentials of successful grape culture, at least the ones most frequently neglected, are the matters to be attended to before the ground freezes.

Volumes have been written on the subject of pruning grapes. An eminent horticulturist on being asked just how to do it said: "Go into a vineyard with an experienced pruner, and watch him."

This is very sound advice and none better can be offered, but few are able to put it in practice. The great majority must of necessity obtain their information second-hand and put it in practice as best they can.

In pruning grapes, it is to be remembered that the fruit grows upon new wood; that is to say, the wood which is to bear next year's crop will grow from a bud next spring. For this reason the old wood should be largely cut out, otherwise the strength of the plant will be expended to support it and there will be little left to force the new growth. The amount of pruning necessary depends upon the strength and vigor of the vine, a strong vigorous plant being able to bear more wood than one which is weaker. In theory, a grape vine should be trimmed to three buds when it is planted out, and at the end of the season's growth the vine which has come from each bud should be cut back to one or two buds and this process followed out every year. By this method, strong, stocky, vigorous vines result which bear a fair amount of excellent fruit. In practice, it is hard to follow any hard and fast rule except that the number of lateral vines must be limited and those which remain must be kept in restraint.

If the pruning is done in the spring after the sap has started the vines will bleed and will not bear that year, but it may safely be done while they are still dormant. Vines which are unpruned through the winter are likely to be broken by the winter winds. It is therefore best to do all pruning in the fall.

There is an added advantage in this if winter protection is to be given, as the vines are much less difficult to handle.

In the matter of winter protection opinions differ. My observation has been that at least from central Iowa

north, winter protection, though not always necessary, is always cheap insurance against damage from frost. The method used is simply to lay the vines on the ground and cover them with three or four inches of earth. Treated in this manner, there is very little danger of loss of plants by frost.

Attention to these two details of pruning and protection in the fall, and to cultivation in the summer, should insure a bountiful harvest.

Franklin Brown.

Polk county, Iowa.

Russell's Duroc Jersey Sale.

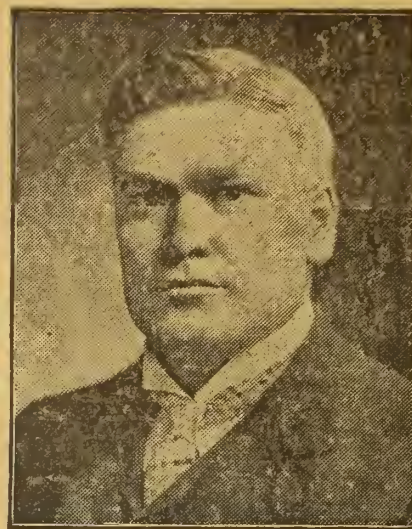
The sale of Duroc Jersey hogs held at Mr. A. F. Russell's farm near Savannah, Mo., on Thursday, September 20th, was well attended and good prices were obtained. There were a number of breeders from Illinois, Missouri, Iowa, and several from Nebraska and Kansas present. Thirty-five head were sold at an average of \$65. The top of the sale, \$350 was paid for S. E.'s Model VIII. 30994 by Mr. H. E. Browning, of Herman, Ill. The following is a list of those selling for \$20 and over:

No.	Name	Price.
2	Sow, D. R. Wilson, Redfield, Ia.	47.50
1	Sow, same	185.00
5	Sow, Kraschel & Son, Macon, Ill.	205.00
6	Sow, Ed A. Baxter, Pawnee, Ill.	210.00
7	Sow, C. A. Wright, Rosendale, Ill.	115.00
3	Boar, J. A. McMasters, Hopkins, Ill.	150.00
8	Sow, J. Coy Roach, Girard, Ill.	67.10
Extra	Sow, S. E.'s Model VIII, H. E. Browning, Herman, Ill.	350.00
56	Sow, S. R. Murphy, Savannah, Mo.	50.00
57	Sow, A. L. Lynch, Mt. Airy, Iowa.	25.00
64	Sow, G. M. McCurry, Maryville, Mo.	50.00
65	Sow, same	72.50
46	Sow, B. W. Haie, Ladonia, Mo.	32.50
44	Sow, Maupin & Applegate, Shelby, Mo.	40.00
42	Sow, J. A. McMasters, Hopkins, Ill.	37.50
27	Sow, N. B. Cutler, Carthage, Ill.	25.00
75	Sow, L. E. Galbreath, Graham, Mo.	20.00
26	Sow, G. M. McCurry, Maryville, Mo.	20.00
24	Sow, W. J. Elliott, Savannah, Mo.	25.00
34	Sow, same	27.50
9	Boar, G. A. Twiner, White Cloud, Kan.	55.00
4	Boar, W. H. Dowling, Hopkins, Ill.	25.00
17	Boar, H. B. Terhune, Forest City, Mo.	20.00
16	Boar, G. A. Turner, White Cloud, Kan.	25.00
14	Boar, W. H. Dowling, Hopkins, Ill.	27.50
54	Boar, A. P. Alsins, Boone, Iowa.	55.00
63	Boar, D. R. Wilson, Redfield, Ia.	42.50
62	Boar, L. P. Hovious, Cromwell, Ia.	30.00
77	Boar, D. R. Wilson, Redfield, Ia.	100.00
49	Boar, W. J. Elliott, Savannah, Mo.	25.00
47	Boar, L. E. Galbreath, Graham, Mo.	25.00
45	Sow, L. P. Hovious, Cromwell, Ia.	22.50
11	Sow, W. J. Elliott, Savannah, Mo.	30.00
21	Sow, McNeil Bros., Bowen, Ill.	50.00

There is a lesson in Manure Spreader construction in the article this week of the Litchfield Manufacturing Company on page 5. A careful reading of this will, we are sure, be of material benefit to such of our readers as are interested in this modern question, "The Manure Spreader."

EASTERN HOME-VISITORS EXCURSION.

On October 19th the Chicago Great Western Railway will sell round-trip tickets to points in Illinois, Indiana, Michigan, Ohio, Pennsylvania and New York at rate of one fare and one-third for the round trip. Tickets will be good for thirty days. For further information call on or address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



T. F. WILLIAMS, M. D.
Consulting Physician.

little hopes of being a well woman again. * * * your blanks; please send it at once."

Mrs. Mary Powers, Marion, Iowa, writes: "I am feeling so well that I really see no need of continuing treatment. I can eat everything and have a good appetite, and I feel better now than I have for seven years. I cannot express my gratitude for what your catarrh treatment has done for me. With best wishes, etc."

Would you like to know about my treatment and if I can cure you? Fill out Coupon and mail it to me today.

FREE TREATMENT COUPON

DR. T. F. WILLIAMS,

211-218 Crocker Bldg., Des Moines, Iowa.

Please send me free Symptom Blanks with a view to my taking your free month's treatment.

Name

Address

Red Tag Trees

When You Plant Trees Plant the Best

For over fifty years we have grown and sold the best and sturdiest nursery stock that good soil can produce. We now have the largest business of its kind in the United States. To protect our name and reputation and as a guarantee of high quality, all

Phoenix Nursery Stock

is labeled with the Red Tag, with lettering as shown in the illustration. Look for this tag on every Phoenix tree, it is your protection and our guarantee.

Order your stock for Spring planting from the oldest and largest growers in the country. We have a great variety of fruit trees, ornamental trees, evergreens, shrubs, plants and novelties. Write for free catalogue. It tells why Phoenix Nursery Stock is best. Fifty years' experience insures careful packing and safe delivery. Phoenix Stock is exactly as represented and flourishes everywhere. Write to-day.

PHOENIX NURSERY CO., 200 Park St., Bloomington, Ill.

CASH



for your farm, home, business, or other property, no matter where it is, or what it is worth.

IF YOU WANT A QUICK, CASH SALE

send description and price of the property you want to sell, then we will write you, explaining how and why we can sell it. Our plan of selling costs nothing and may be of great value to you.

IF YOU WANT TO BUY a property or a business of any kind anywhere, write for our free catalogue of bargains.

NORTHWESTERN BUSINESS AGENCY,
380 Bank of Commerce Building, MINNEAPOLIS, MINN.

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

TREE MEN WANTED To represent us in Iowa and adjoining states. Good winter's job and steady employment for 200 honest hustlers. Outfit free. Liberal terms. Pay weekly. Reference required. Des Moines Nursery Co., Des Moines, Iowa.

TIMOTHY SEED Either by single bags or car lots. All this season's crop; be sure and buy new seed, all reclaimed. Can ship the day your order arrives. Reference any bank or business man in the county. Write for prices. Address: Bossert Seed Co., Murray, Iowa.

WANTED Salesmen to introduce the world's wonder in fruits, Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. N. H. Adams & Son, Decorah, Iowa.

SAVING shrink saving money. Use "Thornhill's Anti-Shrink." Enough for four cars for \$5. E. C. Thornhill, Joy, Ill. No agents.



Fairy Morning 4th, Fairy Morning 3d, Isabella of Woodland 6th, 43d Duchess of Gloster, Woodland Coronet 242271. A group of Short-horns included in the W. I. Wood Dispersion Sale. See page 45.

Agricola

Mr. J. B. Brown, of Solon, Iowa, on Oct. 4th, sold a select draft of good Short-horn cattle from Waveland herd at disappointing prices. Mr. Brown is one of the most conservative, honorable breeders in the land, and he made every necessary preparation for the comfort and pleasure of his guests. The cattle were a good lot in nice fix. The breeding was good and clean, yet bargains were everywhere present. Mr. Brown can get little comfort or encouragement, as he reviews the low prices secured for many of his cattle. There was no legitimate reason for these cattle not selling for \$20 more on the average per head than the prices obtained. It was bargain day. Fortunately nearly all the offering was bred at Waveland. The cattle were an honest lot of useful matrons that

The sale of Mr. John Weighton, at Audubon, Iowa, on the 2d of October, brought out a fair sized crowd and an average of \$25 was made on the entire offering sold. No very high prices were realized, but it was a

We have had a very heavy run of sheep this week, almost 40,000 larger than last week and prices are 10 to 15 cents lower than at the close of last week. The big run has been made up very largely of lambs and is

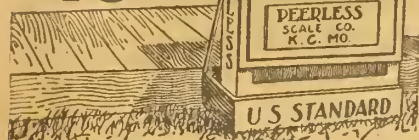
**Sears, Roebuck & Co.'s Wonderful
New Catalog Just Out.**

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO, GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates are as follows: points in Iowa, \$1.00; Bristol, New Hampton and Oneida and south as far as Ploekton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

This "PEERLESS" Pitless Scale

Laid Down at Your
Railroad Station
Complete For Only

\$46.50



Why Pay More?

The only real difference between the "Peerless" at \$46.50 and other Pitless Scales selling at \$60 to \$100 is in the frame.

Peerless frames are of wood,—the others, costing 33 1/3 to 100% more, are steel; all inside working parts are practically the same.

Then, why on earth should you pay a fancy price when you can buy a thoroughly good scale like the "Peerless" direct from the factory at a saving of all middlemen's profits?

Sold on 30 days free trial. No deposit, no notes to sign, nothing to pay unless you are satisfied, and you are the judge of that!

Let us send you a set. Test them for a month and make up your mind whether they are worth \$46.50. Keep them, if you think they are.

Send for the free "Peerless" Pitless Scale catalog fully describing every part.

You will make a big mistake to buy a high priced scale before investigating the "Peerless."

PEERLESS SCALE CO.,

Dept. G, Milwaukee Ave. and Wyandotte St.,
Kansas City, Mo.

PEERLESS SCALE CO.,
Dept. G, Milwaukee Ave. and Wyandotte St.,
KANSAS CITY, MO.

Please send me at once your free scale catalog and money saving plan.

Name.....

Address.....



Four Burrs Grinding at Once
NO FRICTION.
THE GREATEST CAPACITY.
LIGHTEST DRAFT.
MANY THOUSANDS IN USE.

FOUR horse mill grinds 60 to 80 bushels per hour. Two horse mill grinds 25 to 50 bushels per hour. We also manufacture the famous Iowa No. 2 for \$12.50. Send for free catalog of mills, cookers and furnaces. Address,

BOVEE GRINDER & FURNACE WORKS,
WATERLOO, IOWA.

COILED SPRING FENCE

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed. **30 DAYS FREE TRIAL** and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free. **KITSELMAN BROS.,** Box 290, MUNCIE, INDIANA.



MANLOVE GATE CO., 271 E. Huron St., Chicago

BOWSER SWEEP MILLS

Different from all others. 6 or 8 horses. Geared 10 to 1 or 7 to 1. Grind Corn with shanks or without. And all small grains including Oats and Wheat. (Also make 7 sizes belt mills.) **E.N.P. Bowser Co., South Bend, Ind.**

SORE EYES, Granulated or Inflamed. Relieved Instantly by "Octami." Price one dollar. Satisfaction guaranteed or money refunded. The Idanba Co., Box 363, Kirksville, Mo.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

SCHOOL DISTRICTS—MISSOURI.

A Subscriber, Clifton Hill, Mo.—Three-fourths of my farm is situated in a certain school district, but the portion of it where my buildings are located and where I live is in another district. Can I lawfully send my children to school in the first mentioned district?

Answer.—The board of directors in the school district where three-fourths of your land is located, are empowered by law to admit your children to their school, but you will have to pay such reasonable tuition charges as they may fix in that district, and in view of the fact that you pay school taxes there, the board should make the tuition charges merely nominal.

RIGHT OF WAY—DAMAGES.

Mr. Frank E. Hufford, Cerro Gordo, Ill.—An interurban railway company has surveyed a line for its road along the south side of the farm I occupy. I pay cash rent, but my leasing contract is a verbal one. The company has secured an option on the land. (1) Will I be entitled to damages for the crops which the company destroy in constructing and operating its line? (2) Can I compel the company to construct and maintain a hog tight fence along its right of way?

Answer.—(1) You will be entitled to damages for the crops destroyed by the company. (2) You cannot compel the company to construct a hog-tight fence along its right of way, but only the ordinary lawful fence.

STALLIONS OR BULLS.

Mr. Al. Darbyshire, Washington, Iowa.—I have been told that a law was passed at the last session of the legislature, prohibiting the use of grade bulls outside of the owner's own herd. Is it true?

Answer.—The law you have in mind applies only to owners or keepers of stallions and bulls kept for sale, exchange or transfer, who represent their animals to be pure-bred, thoroughbred, standard-bred or registered, in which case they must have them properly registered, and post copy of certificate on the stable or stall where the animal is kept. There is no law to prohibit the use or service of a grade stallion, or a grade bull anywhere, provided the owner of the animal represents it to be grade.

ADMINISTRATION—TENANT BY CURTESY.

Mr. E. R. Wood, Jefferson, Iowa.—A husband and wife lived in Nebraska. The wife died leaving real estate in her name. (1) Can an administrator be appointed without consulting the heirs? (2) How long can the administration run before settlement? (3) How should a person interested proceed to bring about a settlement? (4) What portion of the wife's real estate will go to the husband by law?

Answer.—(1) He can. The surviving husband is first entitled to be appointed administrator if he applies for it. (2) It should be finally settled in about a year, but the court may grant further time if circumstances demand it. (3) By making application to the county judge, showing good cause why the estate ought to be settled. (4) When a wife dies, leaving real estate in Nebraska, and having no children, the surviving husband is entitled to the real estate during his lifetime as tenant by curtesy. It then goes to the wife's father—if her father be dead, to her mother.

LAST WILL.

A Subscriber, Marion, S. Dak.—A died in South Dakota, leaving all his property by will to B, his wife, she to be the administrator of the estate. There were eight living children. One son had formerly died, leaving a wife and three children, who were living when A died. B was seventy-two years old and unable to attend to her property, and some of the children appointed C, an outsider, to look after it. Two years later C went with B to D, and had D prepare B's will. D swore that C told him every word that was written in the will and when it was finished D read the will to B and asked her if that was the way she wanted it, and she said yes, and signed it, and C and D signed it as witnesses. By this will B mentioned seven of the children by name, leaving each of them \$10, and giving all the balance of her property to the other living child. B was childish at the time. Is such a will good in law?

Answer.—It is a doubtful matter whether the will is good or not. If at the time B signed the will, she was by reason of old age or infirm health, of unsound mind, or if undue influence or compulsion was used over her to induce her to sign it, then it is not good, and



They ship well

Hogs weak in Bone and Muscle cannot reach market in good condition. They find slow sale. Hogs fed entirely on corn are usually poor shippers. Not so, hogs fed on Swift's Digester Tankage.

Swift's Digester Tankage

Arrive in Prime Condition

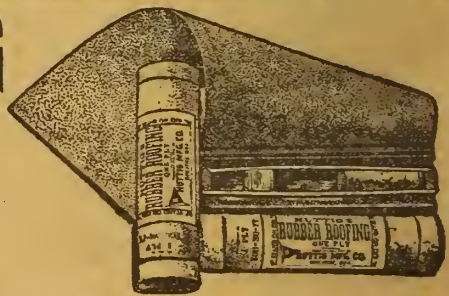
Hogs fed Swift's Digester Tankage (Protein 60%, Phosphates 6%) have dense hard bone and firm muscle which enables them to stand a long haul to market and arrive in prime condition. Write for literature, prices and a sample.

Swift & Company, U. S. A.

Animal Food Department, Desk 6
Union Stock Yards CHICAGO



ROOFING THAT WILL LAST.



What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.

Call for Booklet B.

can be set aside. If neither of these objections to it exists, it is valid and binding.

POWERS OF CITIES AND TOWNS.

A Subscriber, Neosho, Mo.—(1) Can a city construct sidewalks along its streets and collect pay from the owners of abutting property, without a vote of the citizens authorizing the same? (2) Has there been a decision of the supreme court of this state on this proposition?

Answer.—(1) A city has such power by law. (2) There has been no decision denying that cities have such power in Missouri. On the contrary, there are decisions sustaining the proposition. (2) See Springfield vs. Weaver, 137 Mo. Rep., 650, and Moberly vs. Hogan, 131 Mo. Rep., 19.

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron Mountain Route will sell round-trip tickets to points in Texas and Louisiana for \$20 from St. Louis and \$25 from Chicago on the first and third Tuesdays of each month. Proportional low rates will apply from other points; also one fare plus \$2 to points in Indian Territory, Arkansas and Missouri, and \$25 from Chicago to Pueblo, Colorado

Springs and Denver, with limit of twenty-one days except to points in Louisiana, Arkansas, Texas and Indian Territory, which are limited to thirty days, stopovers going and returning.

Mexico: Less than one fare on the first and third Tuesdays, with stopovers.

California: Low round-trip rates on sale daily to September 1st.

Hot Springs, Ark.: Commencing June 1st to September 30th, one fare plus \$2, good thirty days, on sale daily.

Remember the Missouri Pacific Railway and Iron Mountain Route reach the principal points in the above-named states without change of cars.

For descriptive literature and other information address, Ellis Farnsworth, D. P. A., 186 Clark St., Chicago, Ill.

ONLY \$4.50 TO MINNEAPOLIS AND ST. PAUL AND RETURN.

Via the Minneapolis & St. Louis Ry. Popular excursion Saturday, October 13th. The last chance to visit the Twin Cities at a low rate. Tourist berth rate \$1.00. City Ticket Office, 512 Walnut St.

BUFFALO, N. Y.

On October 10th, 11th and 12th the Chicago Great Western Ry. will sell round-trip tickets to Buffalo and return at rate of one fare plus \$2.00. Return limit October 19th. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

STOMACH WORMS.

I wish to be informed in regard to stomach trouble in sheep—stomach worms in particular, the cause and remedy, if any. Give symptoms of first attack.

The eggs of stomach worms (strongylus contortus) are taken in on low, wet or tainted pasture by grazing lambs, which, becoming infested, gradually emaciate, and are found to have blanched membranes of eyelids and mouth, white skin, harsh wool and often suffer from scours. Gasoline in tablespoonful doses in six ounces of new milk given two or three times at intervals of three days is the favorite remedy, but lambs must also be generously fed on oats, bran and oil-cake along with good fodders, roots, cabbage, etc. Avoid wet pastures and pastures tainted by old sheep. Lambs, wherever possible, should have new seeded pastures each spring.

LEUCORRHEA.

I purchased a black mare twelve years old a few days ago. She is thin in flesh and does not eat very well, and discharges a thick, white fluid. I notice it most when driving her. A neighbor told me it was the whites. I don't know of how long standing it is or whether there has been anything done for it. Will it prevent the mare from breeding again?

The trouble is leucorrhoea (whites) and will prevent her from conceiving if bred and may be found difficult to cure. Have her teeth attended to by a veterinary dentist. Give her twice daily a tablespoonful of a mixture of three ounces each of fluid extract of ergot and hydrastis canadensis. Once daily flush out her vagina with a luke warm two per-cent solution of coal tar disinfectant

What Zenoleum Does for Hogs

Zenoleum is a remedy now universally used by breeders and feeders, recommended by veterinarians, endorsed and used by Forty-three Agricultural Colleges of the country.

What are the uses of famous Zenoleum for hogs? Read what these people who speak from actual experience have to say about Zenoleum, the

World's Foremost Cholera Preventive.

Ohio Agricultural College.

"Another feature in favor of the use of Zenoleum for swine is that it is probable that hog cholera and possibly some other maladies are transmitted by means of animal parasites, consequently treatment of this sort should be resorted to in order to keep the medium of contamination reduced to the smallest degree possible."

C. S. PLUMB, Prof. of Animal Husbandry.

G. G. Council, Williamsville, Ill.

BERKSHIRE SWINE.

"I beg to state that my hogs are perfectly healthy and have had no disease. We certainly recommend Zenoleum."



Kills Hog Lice

Can You Afford To Take Chances?

Hog cholera has broken out in many quarters. Your herd may escape if you begin now. Zenoleum is certain death to disease germs, it creates absolutely sanitary conditions, it wards off hog cholera, it prevents its spread if the disease has already started, it renders hogs immune.

Most All Druggists Sell Zenoleum.

One gal. Zenoleum, express prepaid, \$1.50.
Five gallons, prepaid, \$6.25.

Order now and be in time. At any rate write today for free copy of the 64-page book, "Piggie's Troubles," which gives all particulars.

ZENNER DISINFECTANT CO.,

31 Lafayette Avenue, Detroit, Michigan.

and in a week change to a similar solution of permanganate of potash; then in same time to a solution of half an ounce of tannic acid in two gallons of luke warm water. Alternate solutions until discharge permanently ceases.

SORE.

I have an imported black Percheron stallion four years old which was imported last November from France. About three months ago I noticed two or three small spots under his belly about the middle of his body, where the hair had come off. I thought it was a kind of itch, so commenced to use some gall cure twice a day. Used that for a month, but it did no good. Then I used coal oil, sulphur and lard for a month and that did no good. I have painted it twice with tincture of iodine. Now all those small spots are in one large place about the size of a man's hand. Some of it looks red and raw. The rest of it looks as though the hair had been rubbed off. Any advice you can give will be very gratefully received.

Wash the parts with a two per cent solution of coal tar disinfectant then rub in a little of a five per cent ointment of ichthyol and lard to each ounce of which add two drams of flowers of sulphur.

SPAVIN.

Please tell me what is the matter with my three-year-old gray gelding. I broke him this spring and worked him moderately until the last of June, when he began to get lame in his right hind leg after standing, but when moved fifteen or twenty rods would go off all right. I had a veterinarian examine him and he said he had a spavin and applied a blister. I turned him into pasture, where he has been since. In about six weeks it seemed better after having applied the blister four or five times, but now he seems affected in both hind legs and when he lies down he will sit up on his hind parts and struggle about for half an hour before he gets up. After struggling some time he will stretch out all four legs and reach back to his left hip with his nose. If I drive him up he will get up at once, a little stiff in his legs, but will soon go off all right. He is in good flesh. After getting up he will pass water, which is without any sediment and the same color as a horse in good health.

Horse apparently is unsound in both hocks from bone spavins, but it is possible that he has also sprained the psoas muscles of his loins by struggling in rising or when at work or exercise. Whatever is done for the cure of a bone spavin causing lameness perfect rest in stall for at least six weeks must be an important part of the treatment. It is useless to fire or blister and then turn the horse to grass. If spavins are present he should be placed in slings and the joints fired and blistered by a qualified veterinarian and then allowed six weeks rest in the standing position.

HEAVES.

I have a four-year-old mare that got wet while plowing last April and took cold. She discharged large quantities of white looking matter from her nose and coughed. The coughing seemed to cause her pain and she would rub her teeth along the edge of the manger. A homeopathic physician who called at our house gave her some medicine and also left some. After four days the cough and running at the nose ceased. About a month ago she commenced to run again, small quantities of white matter from her nose, and coughed as she did at first. It seems to cause her pain and she uses the edge of the manger to rub her teeth. In good weather I let her in pasture by day, feeding her night and morning timothy hay (sometimes), a mixture of clover and several kinds of grass and four quarts of oats. The past two days I have given her three quarts of shelled corn instead of oats, twice a day. While breathing, when expelling air from her lungs she jerks spasmodically at her belly near the flanks. This she has done since April and it does not seem to improve. I have not



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shipped anywhere, express prepaid, to prove my claims. Send no money. It must do the business or you are not obligated to pay a penny for it. The trial gallon makes 100 gallons when diluted. Give it a test. (If you are located west of the Rocky Mountains, you must pay freight charges.) Simply send your name and address to
E. TAUSIG, Pres. West Disinfecting Co., 21 E. 59th St., New York City

SAVED \$100.00



Hazelhurst, Miss., March 21, 1906.

DR. B. J. KENDALL CO.
Gentlemen:—I have a \$100.00 horse that a friend of mine gave me for \$1.00 provided I would take him out of town and save him from paying to have him hauled out when dead. The horse had Sweeney, both shoulders, but your Spavin Cure brought him out all O. K.

Respectfully, L. C. Bird.

The remedy that endures, curing thousands of horses annually is

Kendall's Spavin Cure.

The standard cure for two generations of Spavins, Curbs, Splints, and all forms of Lameness. Price, \$1; 5 for \$5. Greatest known liniment for family use. All druggists sell it. Accept no substitute. The great book, "A Treatise on the Horse," free from druggists or

Dr. B. J. Kendall Co., Enosburg Falls, Vermont.

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Any person, however inexperienced, can readily cure either disease with Fleming's

Fleming's Vest-Pocket Veterinary Advisor. Write us for a free copy. Ninety-six pages, covering more than a hundred veterinary subjects. Durable bound, indexed and illustrated. FLEMING BROS., Chemists, 210 Union Stock Yards, Chicago, Ill.

FREE TRIAL of the BEERY BIT FOUR BITS IN ONE Cures Kickers, Runaways, Fallers, Shyers, etc. Send for Bit on Ten Days' Trial and circular showing the four distinct ways of using it. Prof. J. A. Beery, Pleasant Hill, O.



AN INFLAMED TENDON NEEDS COOLING.

ABSORBINE

Will do it and restore the circulation, assist nature to repair strained, ruptured ligaments more successfully than Firing. No blister, no hair gone, and you can use the horse \$2.00 per bottle, delivered. Book 2-C Free.

ABSORBINE, JR., for mankind, \$1.00 bottle. Cures Strained Torn Ligaments, Varicose Veins, Varicocoele, Hydrocele, enlarged Glands and Ulcers. Allays pain quickly. W. P. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

A. S. ALEXANDER, V. S.

MADISON, WIS.,
Veterinary Editor The Homestead.
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

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A Modern FIRE PROOF Hotel—a dining room that is famous for its excellent food and moderate prices. Special Club Breakfasts, 30c, 35c, 50c—Lunches, 40c; and our Famous Course Dinners, 75c.

ROOMS. \$1.00
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Quiet and Comfort! Within easy walking distance of the Great Department Stores, Wanamaker's two minutes; Siegel Cooper's, eight minutes, etc. Easy access to all points of interest. Also close to WHOLESALE DISTRICT.

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million bushels of grain to be marketed. Country all settled. In James river valley. Town will have 1,000 people soon; cash payment when one hundred lots are sold for occupancy.

CRESBARD, FAULK COUNTY, S. D.
Just platted; twenty miles to competing towns on other lines. Six hundred thousand bushels of grain to be marketed. Country one-half settled. Lots at private sale. No line of business to be overdone. Town will have 1,000 people in a short time.
Thomas A. Way, Town Site Agent, Minneapolis & St. Louis Railroad Co., Aberdeen, S. Dak.

VERY LOW RATES TO BUFFALO, N. Y.
Via the North-Western Line. Excursion tickets will be sold at one fare for round trip October 10th to 12th, inclusive, with favorable return limits, on account of International Christian Convention. Apply to agents Chicago & North-Western R'y.

NAVICULAR DISEASE—SPLINTS.

(1) I have a sorrel mare six years old, weighing about 750 pounds, that is lame in her left fore leg. I drive two of them to a buggy about twenty-seven miles four days out of the week. The lameness I think is below the knee. The cord in the back part of the leg seems to swell when she stands in the stable over night. She has a little hard lump on the inside of the bone about half way from the knee to the fetlock joint. It is not much larger than a wheat straw, is probably an inch long and feels like what is called a splint, but it has just come since she got lame. She is very lame when I first take her out of the stable in the morning, but when she is driven a little way she gets over it so it can hardly be noticed; only when she goes down hill it seems to bother her more. She is pretty long from the fetlock joint to the hoof and sets back some there, but she does not flinch when you press anywhere except the cord from the knee to the fetlock. The lump is not sore to the touch. Her foot and leg do not seem to have fever in them. (2) I also have a gray horse four years old that has hard lumps about the size of my finger and an inch and a half long on the inside of the bone of both fore legs just below the knee. I think they are splints. They do not lame him. They were on him when I got him, so I don't know how long they have been there. Is there any way of taking them off and will the treatment lame him any?

(1) The seat of the lameness is within the foot (navicular bone and joint) and it is cruel to use the mare in her present condition. The operation of unnerving is the only remedy in such a case and it will have to be done by an expert. (2) Under the circumstances let the splints alone, as they do not cause lameness and might do so if treated by blistering, which is the customary treatment.

NEW TOWNS IN SOUTH DAKOTA.

FLORENCE.
Twenty miles to competing towns on other lines. Six elevators, three lumber yards, sixty buildings in course of construction; will have 2,000 people in a reasonable time. Country all settled. One million bushels of grain to be marketed.
BRENTFORD, SPINK COUNTY, S. D.
Just platted. Lots at private sale. One

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

SHEEP AS GRUBBERS.

It would be interesting to know how much could have been saved had sheep been employed in the early settlement of a country in the clearing up of brush and timber land. The sheep was actually lost sight of in the clearing of many thousands of acres, and it was only recently that goats were called upon to assist in this undertaking. Goats are invaluable when it comes to killing off brushy growth. Sheep will do the work as surely, but they will not do it so quickly, being graziers first and browsers afterward. The writer has witnessed the clearing of many thousands of acres by the grub hoe, axe and at an expense for labor that could have been done as effectively by sheep without any expense and at the same time the sheep would have paid their way as they proceeded with the work.

Where good sheep are employed as grubbers, there will be a tendency to work them too hard. The owner, in his anxiety to clear his land, will withhold feed from his flock so that they will do more effectual work, and thus suffer loss in thrift of flock. This is unwise. Sheep that are worked too hard will seldom prove profitable, and one should use them as grubbers only secondarily, and not let this feature get in the way of a profitable fleece and a good saleable sheep.

Sheep can also be used as gleaners about a farm and the service they render along this line is incalculable. When turned in stubble, they will pick up any grain that may be left, and will also eat of all kinds of weeds which may be growing there and thus keep them from going to seed. They will clean up the fence rows and waste places and do effectual service that can be performed as cheaply in no other way. When turned in corn fields with proper restraint and management, they will clean up the growth of weeds and foxtail which has been allowed to grow in the corn without doing material damage to the growing corn. Under proper management, a flock of sheep can be made to do as good service as gleaners without doing them any particular harm as could be done by the best methods known to manual labor, and that, too, without any expense. In the employment of a flock of sheep as gleaners, one must not lose sight of the fact that they are to be made profitable and they should not be "over-worked" in a desire to rid a farm of noxious growth of any kind.

SHEEP EDUCATION.

While in attendance at one of the large state fairs the writer was introduced to some of the exhibitors as "the sheep man from Iowa," and in talking with various interested bystanders it was a common thing to hear farmers and stock-

men speak of their long residence on farms and that they knew absolutely nothing about sheep. It occurred to us then that there is need of the gospel of sheep being preached to those who will listen to it.

We believe that a farmer where sheep are not now kept can do no better by his son than to buy him one pair of ewes, make him a present of them and start him on the road to what will likely be his success. When a pair of good ewes have been provided, that son should be given a chance to peruse the best sheep literature extant and he should learn both from the text books and from his small flock. A willing and intelligent son will learn the business in a remarkably short time.

A resident of Wisconsin at one of the fairs took occasion to ridicule some of the residents of Iowa because of the lack of sheep skill shown at fairs by its sheep owners. He was disposed to lay to the soil and climatic conditions of the state of Iowa what should belong to the educational qualities of its citizens. The state being the leading corn and hog state in the union, it is easy to see why sheep have not been first and foremost. When one takes a glimpse of Wisconsin it will be readily seen why sheep have played such an important part in her industry. Sheep can be made just as profitable in Iowa as in any other state in the union. Her soil, climate and farms are as suitable for the industry as can be found in any state or country.

Let boys and young men on farms study sheep. Let old men do the same thing if this matter has been neglected, and in the next decade it will not be necessary to persuade people to engage in the industry.

BREEDING SEASON.

The breeding season is approaching and upon the methods pursued much will depend as to the result. The crop of lambs will be great or small according to the management of the breeding stock.

When the lambs are about four months of age they should be weaned and taken away from the ewes. The dams should be placed upon feed that will build them rapidly after they have been dried off.

In this business nothing pays any better than getting started right. A good ram, well developed, vigorous and in good flesh will be a necessity. The ewe should be coming up in flesh and should not be younger than one year of age at the time of coupling. The practice of breeding lambs is objectionable. There is a great deal of disappointment that comes through the practice of having ewes drop their first lamb when they are about one year old. They often fail to have developed an udder, have but little milk and the result is that they often refuse to own the new born lamb.

In addition to having the ewes in good breeding condition it will be necessary for the breeder to make a good selection of a ram that will stamp improvement on the flock. The best is none too good for even a flock of grade ewes. It is very slow building up with grade and inferior rams. The ram being one-half the flock more attention will be needed to make a selection than the novice is willing to admit. Good ewes well kept will give better satisfaction than a flock of all sorts which have been subjected to almost any kind of neglect.

The Cosgriff Sale.

Mr. Ed Cosgriff, of Clarence, Iowa, opened the week's circuit of sales of eastern Iowa on October 2d by selling thirty-six head of good, useful cattle at something less than \$20 per head less average than he was expecting. The weather conditions were ideal, the preparation was all that could be asked for, and the cattle were presented in nice shape, with but few exceptions, and these were cows suckling big, husky calves. When Mr. Cosgriff led into the ring his herd bulls, Victor Fashion and Scottish Spartan, the crowd was very much impressed with their appearance. After this exhibition seven exceptionally good heifers were led into the ring and presented a beautiful appearance. They were all the get of Victor Fashion, one of Iowa's very best Scotch bulls. Col. Griff Johnston did the selling, and labored hard to get up some life and enthusiasm to the sale, but without much success. No Scotch cattle were offered. Most of the offering was so-called plain breeding on dams' side, tracing to Rosemary by Flash (261). Colonel Johnston resorted to \$2.50 bids in order to get all out of the cattle possible. Good bargains were plentiful throughout the sale. We present the buyers' names of all purchasers of \$100 and over, but all cattle selling at any price are calculated in our average:

FEMALES.

Saddle May, three years, sire Victor Fashion, Thos. Kane, Clarence, Ia., \$145.00
Scottish Beauty 2d, seven years, sire

If You
Can
Tear
This
Leather,
You Get
a New
Pair of
Shoes
FREE.

Softened by hand work
as Indians soften Buck-
skin. Never gets hard—
not even after wetting.

Ask for "Buffalo Calf" Shoes

EVERY pair of Buffalo Calf Shoes has tied to one of the straps a piece of our vamp and upper leather of the size and shape shown in the picture. If you can tear this leather with your fingers we will give you a new pair of shoes FREE.

The reason this leather is so tough and durable is because it is made from the hides of young cattle, tanned by our own special process, which sets the fibre together and increases the wearing qualities of the leather.

Some of our shoes are made with vamp and upper in one piece, so there is no seam to rip. Those made with vamp and upper in two pieces are sewed with three rows of waxed thread, which is extra strong and does not rot when wet. The back seams of Buffalo Calf Shoes are "cylinder fitted," which reinforces their strength at that point.

The soles of Buffalo Calf Shoes are made from Hemlock tanned Texas Steer hides, and all our counters, insoles and slipsoles are solid leather. We do not use any "horn fibre" or moulded counters.

The vamps of Buffalo Calf Shoes go clear over the soles under the toe caps. If you wear out or tear off a toe cap, the vamp toe is still there, and still good.

These are the chief reasons why Buffalo Calf Shoes can't rip, but will outwear all others and stand no end of hard knocks.

If your dealer does not carry Buffalo Calf Shoes, send to us for one of the little pieces of leather in shape of a Buffalo Calf and see if you can tear it out with your fingers. Then you can tell your dealer how tough it is and have him get you a pair of the shoes. Buffalo Calf Shoes are made in all sizes—men's, boys' and youths'—and they do not cost any more than ordinary shoes.

Bentley & Olmsted Company

"The Western People" Des Moines, Ia.

Now or Never

same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, F. C. THACKABERRY.

NO. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Ewe lambs at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same dam for sale, 130 to 175 lbs. weight. Herd Boar 81697, by Chief Perf. 2d 42559, also took 2d at same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, FAIRVIEW STOCK FARM, TAMPICO, ILL.

SHROPSHIRE FOR SALE.

CHOICE registered yearling ewes and pure bred unregistered ewes. Also imported and home bred yearling rams. Choice rams suitable for flock leaders. Inspection invited. Satisfaction guaranteed. DANIEL LEONARD & SONS, ADAMS CO., CORNING, IOWA. 80 miles east of Omaha on main line of the Burlington.

LINCOLN RAMS

FOR SALE. ADDRESS,

B. F. Clark, Albia, Iowa

GOTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgians stallions at \$1,000 each. A. LATIMER WILSON, CRESTON, IA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 16 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th. GEORGE ALLEN, LEXINGTON, NEB.

Oxford Down Rams FOR SALE.

A number of very choice rams for sale. Also a solid good Durac Jersey boars. S. S. STOLT, KIRON, IA.

GOATS FOR SALE.

POLLED Angoras, does and bucks. Must be sold at once. S. S. McKIBBIN, - - Desoto, IA.

OXFORD DOWN rams and ram lambs and ewes,

sired by a 350 pound ram, for sale. John Graham & Sons, Eldora, Iowa.

Registered Shropshire Rams and Ewes

OF the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS.

Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

Royal Gloster 2d, and h. c., F. E. Clancy, Clarence, Iowa	150.00
Oxford Butterfly 12th, four years, sire Iowa Chief of Scots, and b. c., Clarence McClellan, Lowden, Iowa	150.00
Nellie Maud, four years, sire Daisy Boy, F. J. McClellan, Stanwood, Ia.	110.00
Mischief Maid, nine years, sire Royal Chief, and h. c., Geo. Burge, Mt. Vernon, Iowa	100.00
May Day, five years, sire Daisy Boy, and c. c., Lew Davidson, Stanwood, Iowa	100.00
Pride's Beauty, six years, sire Daisy Boy, and b. c., Thos. Kane	105.00
Lady Bird, two years, sire Victor Fashion, Geo. Burge	102.50

BULLS.
Red Lord, one year, Sire Walnut Hill Baron, Henry Brotherson, Wyoming, Iowa 102.50
Scotch Blend, one year, sire Victor Fashion, S. E. McClure, Oxford Junction, Iowa 105.00

SUMMARY.
23 females sold for...\$2,211.00; average...\$79.00
8 bulls sold for.... 687.50; average... 85.00
36 head sold for.... 2,900.00; average... 80.00

VERY LOW RATES TO REUNION OF THE SOCIETY OF THE ARMY OF THE CUMBERLAND AT CHATANOOGA, TENN.,

Via the North-Western Line. Excursion tickets will be sold October 14th to 16th, inclusive, with favorable return limits. Apply to agents Chicago & North-Western R'y.

VERY LOW EXCURSION RATES TO DENVER, COLORADO SPRINGS AND PUEBLO,

Via the North-Western Line, will be in effect from all stations, October 13th to 16th, inclusive, with favorable return limits, on account of American Mining Congress. For full information apply to agents Chicago & North-Western R'y.

BIG IMPORTATION

Of England's Tops Just Arrived.

ALSO have a prime lot of home-breds. Big, strong, heavy-boned, heavy-shearing rams to improve any flock. A growthy lot of typical ram and ewe lambs. Long-bodied, short-legged yearling ewes, perfection in type. Our offerings and prices will interest you.

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Summer's Worm Powders

For Sheep, Horses & Hogs
Fed to millions of animals every year. Powders never fail to remove worms and prevent further attacks. In popular use 25 years.
Price 2 lb. Pck. 50 cents. 7 lb. Pck. \$1.00.
Send for FREE catalogue of Stockmen's Supplies.
F. S. BURCH & CO., 177 Illinois St., Chicago.

When writing please mention this paper.

LOW ONE-WAY RATES

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EVERY DAY

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\$25.00 to San Francisco, Los Angeles, San Diego, and many other California points.

\$25.00 to Everett, Fairhaven, Whateomb, Vancouver and Victoria.

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\$25.00 to Ashland, Roseburg, Eugene, Albany and Salem, including So. Pac. branch lines in Oregon.


\$22.50 to Spokane and intermediate O. R. & N. points to Wenatchee and intermediate points.

\$20.00 to Butte, Anaconda, Helena, and all intermediate main line points.

\$20.00 to Ogden and Salt Lake City, and intermediate main line points.

For full information inquire of J. W. TURTLE, G. P. A., 313 W. Fifth St., DES MOINES, IOWA.

Warranted to give satisfaction.



GOMBAULT'S CAUSTIC BALSAM

A safe, speedy and positive cure for

Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable.

Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

GRAIN FOR DAIRY COWS.

From this time on, dairy cows need grain of some sort at least once a day, and in our experience we find that grain fed them twice will pay. Corn alone is not enough, though it may be used to some extent with reasonable expectation of getting good results.

This time of year, when ear corn is not very solid, it is an excellent plan to take an old knife and cut the ears into lengths of about two inches. Three or four pounds of this chopped corn, along with two or three pounds of bran and the same quantity of oats, makes an excellent and comparatively inexpensive ration. We advise the feeding of oats because there are few farms in the corn belt where oats are not grown. This grain is much richer in flesh-forming constituents than corn, and is therefore milk-making in character.

A little later, where there is a grinder on the farm, the oats and corn may be ground to excellent advantage. A mixture composed of three parts corn and two parts oats, if afterwards mixed with about one or two parts bran, makes a most excellent grain ration for cows. We believe in keeping up the corn part of the ration because, while it is fattening in its effect, at the same time we have always found it a good thing to start the cows into the winter in good condition.

Relation of Butter Fat Content to Butter Yield.

To the Editor of The Homestead:

The following communication has been received from a subscriber of Decatur, Neb.:

I have been selling cream for some time and am not quite satisfied with the test I am getting. Our test runs from thirty-eight to forty-two. From one can I took four and three-fourths pounds of cream and churned it, and it yielded four pounds of butter. In another instance I took five pounds of cream and it made four pounds of butter. This was when the cream tested forty-one. Do you think I am getting a square deal on my test?

The above question is one of considerable importance, inasmuch as it is the direct cause of most all the trouble which arises between creamery and creamery patrons.

As the question is asked directly, it should be answered in the same way, but there are some unknown conditions which will not permit it to be answered in that way.

There are many patrons who think that if they receive pay for a definite number of pounds of fat from the cream-

ery and churn an equal number of pounds of similar cream and get more pounds of butter, the creamery has cheated them. This is not necessarily so.

The above correspondent states that he churned four and three-fourths pounds of cream and got four pounds of butter from it, and another time he took five pounds of cream, churned and worked it, and got four pounds of butter. This seems to be an extraordinary yield. If the butter churned were in normal composition it would mean cream so rich that it would practically be an impossibility to skim and handle it. Normal butter contains about 83 per cent fat and 17 per cent substances not fat (water, curd and salt). About 17 per cent of the butter churned would then be substances other than fat, and theoretically, the cream churned should in the first place have tested 69.8 per cent fat, and in the second case it should have tested 66.4 per cent fat.

On this basis, the creamery test, viz., from 38 per cent to 42 per cent, was too low. There are various reasons for believing that the cream was not so rich as the above calculation would indicate. In the first place, cream testing so high as near 70 per cent fat could not be skimmed and handled successfully on the farm, and secondly, butter churned from rich cream and at a high temperature, as likely it would be average farm conditions, would contain more substances not fat than the above calculation is based upon. The butter churned might have contained as high as 30 per cent substances not fat. In that case, the cream should have tested about 56 per cent fat.

There is still one more condition which might enter in. The correspondent says that the two lots churned were taken from two different cans of cream. If the can of cream was not thoroughly stirred previously to taking the sample, the cream churned would be richer than the average. The top cream naturally would be poured out first, or if dipped without stirring, the richer cream would also have been obtained.

If the correspondent is still in doubt as to whether he is getting a fair test, the writer would advise him to stir a lot of cream well, take a small sample of it and send it to the state experiment station. They will test it right for him at a nominal cost. This is the best way of ascertaining the correctness of a cream test. Even then, allowances should be made for a few per cent variation from day to day.

The test obtained from the creamery is a good one, and indications are that it is not far from being right.

Utah Experiment Station. C. Larsen.

SORES ON HANDS.

Suffered for a Long Time Without Relief—Doctor Was Afraid to Touch Them—Cured by Cuticura.

"For a long time I suffered with sores on the hands which were itching, painful, and disagreeable. I had three doctors and derived no benefit from any of them. One doctor said he was afraid to touch my hands, so you must know how bad they were; another said I never could be cured; and the third said the sores were caused by the dipping of my hands in water in the dye house where I work. I saw in the papers about the wonderful cures of the Cuticura Remedies and procured some of the Cuticura Soap and Cuticura Ointment. In three days after the application of the Cuticura Ointment my hands began to peel and were better. The soreness disappeared, and they are now smooth and clean, and I am still working in the dye-house. Mrs. A. E. Maurer, 2340 State St., Chicago, Ill., July 1, 1905."

The Wabash, "The Banner Route," has arranged for the following low rates, available to the public:

Buffalo, New York, and return, October 10th, 11th, 12th, \$24.15, final limit October 19th.

Toronto, Canada, and return, \$23.55, account Sovereign Lodge I. O. O. F., final limit October 21st.

For further information address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., 512 Walnut St., Des Moines, Iowa.

CHEAP RATES TO PACIFIC COAST.

Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for particulars or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

I. O. O. F., DUBUQUE, IOWA.

Account of the Annual meeting of I. O. O.

DE LAVAL SEPARATORS MAKE THE MOST MONEY HENCE ARE CHEAPEST

The first cost of a cream separator does not necessarily make it a "cheap" or an "expensive" machine. The results of its use determine this. If it does not secure all the cream it is an expensive machine no matter how little it cost. If it wears out in a few months it is still more expensive. If you would buy the really CHEAPEST cream separator you must select the one, regardless of price, that saves all the cream, makes the best butter, saves the most time and labor and lasts the longest. Thousands of tests have proven that there is but one machine which will meet these requirements,—that is the DE LAVAL. Regardless of the claims made for other separators, the DE LAVAL is guaranteed to be superior to any other cream separator in every feature of separator practicability, proof of which will be gladly furnished at any time, anywhere, to anyone, upon request. Of course, you don't want mere claims but proof as well and that is what we offer. Are you interested? Write today for a DE LAVAL catalog. It is worth the trouble.

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HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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Greatest Weekly - The Breeders' Gazette
Greatest Daily - The Chicago Live Stock World
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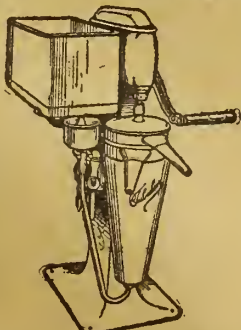
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How would you like our book "Business Dairying" and our catalog B. 121 both free. Write for them.

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ADDITIONAL FIELD NOTES.

A GOOD ABERDEEN ANGUS HERD.

The proprietors of the Rosengift farm herd of Aberdeen Angus cattle, Messrs. Rosenfeld & Siverly, of Kelley, Iowa, furnish the following information in regard to their stock: "The Rosengift herd of Aberdeen Angus cattle are in tip top shape. Just now we are offering for sale a number of big, thick, lusty bulls of gilt-edge breeding at attractive prices to make room for our younger stuff. These bulls are of the Heatherbloom, Barbara, Pride, and other good, old, reliable families that have helped make this breed famous, and we can say, without boasting in the least, that we can show thirty-five of the growthiest, thickest, thriftiest, sappy calves of any herd anywhere, and we remember that 'of all that is good, Iowa affords the best.' These calves were raised under ordinary farm conditions and every cow has raised her own calf without the assistance of any help from a nurse cow. Our herd is composed of cows that are sure breeders, for every cow on the farm of breeding age produced a calf this season. We wish to say a word in regard to our herd bull, Blackene, which we are using extensively in the herd. This bull is a production of the Pierces at Woodlawn farm, and is sired by Blackwood Lad, a brother to Black Woodlawn, and out of Imp. Black Enamel, said by Professor Curtiss to be the best cow in the Woodlawn herd which should prove her right to being an excellent cow. Blackene is a Blackbird, and was used in the Pierce herd until our purchase of him at the dispersion sale last June. He proved himself an excellent breeder for Messrs. Pierce, or he would not have been used as a stud bull by them alongside of such bulls as Prince Ito and Elflock. The breeding cows in the herd are of the close-to-the-ground, easy-keeping type and are of the Pride, Heatherbloom, Barbara and other families, and are sired by Blackbird of Estill 7th, Fond Lad by Gay Lad, Admiral of Estill, Dean of Longbranch, Imp. Squire of Theakston, Beau Elsmere, and other good bulls. We have had very favorable comment from visitors after an inspection of these cows, stating that they were of such a good, even type and no tail-end stuff among them. On February 15th next we will sell forty head of cows and bulls at public auction at the farm, which is less than one mile north of Kelley, and three and one-half miles south of the agricultural college at Ames. The cows that we will sell will be in calf or have calves at foot and every animal will be guaranteed a breeder. The female part of the offering will be around thirty head, and ten bulls twelve months of age or older. Previous to the sale, however, we will continue to sell the bulls above mentioned and they are bargains at the prices that will be named." See advertisement on page 41.

COMBINATION SALE OF ABERDEEN ANGUS CATTLE.

A prominent sale of Aberdeen Angus cattle will be held at Morning Sun, Iowa, October 25th, consisting of thirty-nine head, divided as follows: Nineteen cows from three to eight years old; fifteen one and two-year-old heifers; and five young bulls. This splendid aggregation of richly-bred doddies comes from the herds of Messrs. McElhinney, Cubit & S. E. Edgar; the consignment is fairly divided between the Honey Creek and Cedar Row herds, and embraces the following families: Drumin, Lucys, Georgianas, Zara, Baronesses, Miss Morrisons and Brucehill Violets. This sale will be held in the new pavilion at Morning Sun under the efficient management of Mr. W. K. Henss. Col. Silas Igo will officiate. There is probably no breed of cattle that has grown into greater prominence in the fat steer and block contests than the Aberdeen Angus. This prominence has been brought about through their phenomenal show record; for instance, at the International Exposition in December, 1905, this breed won the championship on single steer, car load lots and on carcass. The records show that they have won grand championship on steer and car load lots four times out of a possible six, and five times out of six on the carcass test. Aside from the absence of horns, the doddies have many other qualifications that recommend him to the thoughtful cattle producer; however, it is not our object in this article to preach a sermon on this line, nor to endeavor to proselyte from the ranks of other breeds. The doddies already has sufficient following to hold him in the high position to which he has attained through sheer dint of merit. Such bulls have been used on these herds as the Drumin Lucy bull, Honest Lad, the Ruth bull, Jadin, strong in Trojan, Erica blood, Victor of Dalmeny, a bull-bred by Lord Roseberry and belonging to the famous Drumin Lucy family. Also the Blackbird bull, Bigger by Equestor; this was a bull of great substance and finish that did remarkably good work. These and the bull, Prince of High-lington, and the Pride bull, Pride McElhinney 12th, have been the most excellent doddies that have been used on these two respective herds. A liberal guarantee is placed on this offering so that every man that buys cattle will be fully protected. The parties who are consigning to this sale are all well-known gentlemen whose reputations have been good and whose guarantee is absolutely good. In fact, Mr. Henss, the manager of the sale, would not for a moment conduct a sale and lend his influence were the conditions not all right in every way. Mr. Henss is himself an Angus breeder of considerable note and reputation. Messrs. McElhinney, Cubit & Edgar are quiet, unassuming gentlemen, who have been breeding good, useful Angus cattle for a number of years until their herds have outgrown their pastures and accommodation, and this offering is simply made to unload a portion of the surplus stock without any thought of discontinuing this most profitable business branch of their farm husbandry. From personal observation of these cattle the writer can say they are exceptionally prolific and that they are a business lot throughout. The sagacious buyer will find here an opportunity to buy Angus cattle well worth the money, as these gentlemen have bred all these cattle, fed them on their own farms from feeds produced on the farm. It matters not what prices these cattle sell at, they will still make some money for the breeder. Address Mr. W. K. Henss, Wayland, Iowa, for catalog, mentioning The Homestead.

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FRANK ROCKEFELLER'S SALE OF HEREFORDS.

On October 17th, 18th and 19th at Kansas City, Mo., Mr. Frank Rockefeller will offer 165 head of Herefords selected from his large herd at Belvidere, Kan. There have been few, if any, sales in which more richly-bred animals have been offered. Mr. Rockefeller when buying has been known as a very discriminating buyer, selecting animals for their individual excellence and breeding. In several instances long prices have been paid, as in the purchase of the great bull, Columbus 17th, for which \$5,050 was paid. When Mr. Rockefeller secured Columbus 17th he undoubtedly secured one of the greatest sons of old Columbus. His dam, Aileen, was got by Hesiod 17th, the great breeding bull that preceded Columbus in the herd of Messrs. Benton Gabbert & Son. Thirty daughters of Columbus 17th are listed. There are also twenty-five of his granddaughters in the sale. This will prove a most excellent opportunity to secure the blood of Columbus 17th, and the prospective buyer should not miss this opportunity. There are also daughters of St. Louis March On 6th, Beau Brummel Jr., Free Lance, Lars, Diplomat, Java, Corrector, Earl of Shadeland 73d, Earl of Shadeland 22d, Kansas Lad, Lomond, Climax, Hesiod 29th, Hesiod 85th, Hesiod 2d, Jack Hayes, Lord Prettyface and other leading sires. Where has such an array of sires been represented in a sale offering? Many of America's great herds have been led to success by some of these bulls. This fact should be noted by the prospective purchaser of Herefords, as he will not soon again have an opportunity to secure such breeding and in the quantity offered here. Many of the cows will have calves at foot by, or will be well along in calf to, one of the great herd bulls in service at Mr. Rockefeller's Ranch. The bulls now in service are Columbus 17th, Soldier Creek Columbus 17th, a son of Columbus 17th; Jack Hayes 2d, a grandson of Earl of Shadeland; Rupert Donald, a double grandson of Beau Donald, and Columbus Busy Body. Mr. Rockefeller wishes to reduce his herd, hence this sale. The cattle have not been prepared for sale purposes, which is in favor of the buyer, and the bargains to be had will undoubtedly be many. Every animal listed is a regular worker in the herd and for the number listed comparatively few are cows that have passed six years of age. Mr. C. A. Stannard, of Emporia, Kan., who manages the sale, made all the selections for it and he feels that a more useful lot of money makers could not well be gotten together than will go through this sale. There will be no reserves and the cattle will sell, and at your prices. See page 42 for advertisement and address all communications to Mr. C. A. Stannard, Emporia, Kan.

ABERDEEN ANGUS COMBINATION SALE.

A combination sale of forty high-class Aberdeen Angus cattle from the well-known herds of W. B. Seeley, Mt. Pleasant, Iowa; W. K. Henss, of Wayland, Iowa; J. C. Beaber, of Rome, Iowa, and T. J. Kline, of Salem, Iowa, will be held in the new pavilion on the fair grounds at Mt. Pleasant, Iowa, Wednesday, October 24th. The contributors to this first Aberdeen Angus sale at this point are among some of the oldest and most successful breeders in southeastern Iowa. Mr. W. K. Henss has been breeding doddies for more than twelve years. He is an auctioneer and sells these cattle at auction, as well as breeds them. Few men are as well posted in Angus pedigree as is Mr. Henss. Mr. Seeley made his start in the Angus cattle business eleven years ago and has probably paid longer prices for breeding stock than any other Angus breeder in southeastern Iowa. His first herd bull of note was 2d Mayor of Estill, champion bull of 1895 and 1896. This bull was a stall companion with Gay Lad, who sold at auction in the Evans dispersion sale for \$3,950. He was followed by Black Knight of Estill 9th, who still holds the record of being the highest-priced calf that the breed has produced. He is now followed by a Blackbird Ito, a worthy son of the great \$10,000 Prince Ito. Quite a number of Mr. Seeley's offerings are sired by Blackbird Ito and a number of the females to be sold are bred to him. Mr. Kline entered the doddies arena in 1898. He purchased his first cattle of Mr. Seeley. His first bull was Admiral Dewey of La Crew. The following spring at the Evans dispersion sale he made the judicious purchase of Lucy of Emerson. She dropped him a heifer calf to the service of the \$3,050 Gay Lad and from these he has grown up quite a herd and has carried off first honors for several years at the Jefferson County Fair with cattle of his own breeding. Mr. Beaber first had his attention called to the market-topping doddies through his feeding operations, which proved to him that the Angus steer made greater gains and yielded him more profit than any other breed. Hence, he started into a pure-bred business the same year as Mr. Kline, his foundation stock being purchased from Mr. W. K. Henss. W. B. Seeley and L. McWhorter. From these he had produced a herd that would command a position in the front rank of any of the great herds of the West. We are not out of bounds when we say that each of these breeders has drawn heavily on the best cattle in their herds in order to make this inaugural sale in their new pavilion a success. The sale being held early in the fall, the cattle will naturally come from the pastures without any special fitting. There will only be about ten bulls listed in this sale, several of which are herd headers. Some of these are sired by the great show bull, Blackbird Ito. The offering includes

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COMMISSION MERCHANTS.
Established 1856. 66 Board of Trade, Chicago.
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some of such well-known families as Prides, Queen Mothers, Drumin, Lucys, Ericas, Blackbirds, Westertown Roses, Brucehill Violets, Baronesses and other standard families. The catalogs are out and will be mailed free on application to any of the contributors to this sale. Mt. Pleasant is situated on the main lines of the C., B. & Q. Railroad, twenty-eight miles west of Burlington, and is the county seat of Henry county.

THE HEATHERTON SALE.

The Heatherton herd, from which a draft sale of fifty-seven head is to take place on October 31st, is one of the oldest Aberdeen Angus herds in America. Its proprietor, Judge John S. Goodwin, maintains it on his home farm at Naperville, Ill. Naperville is a suburb of Chicago on the main line of the Burlington Road and Mr. Goodwin is enabled to go back and forth to his offices in Chicago every day of the week except Saturday, which he devotes to the particular interests of his herd. The Naperville property was purchased about four years ago and has been steadily prepared for a permanent home for his cattle. When the herd was placed upon it in January, 1903, it was not large in numbers, but from that time forward no one has been more persistent in buying back the best blood of his own breeding and in buying the best animals of the best strains bred by others until at this time the herd numbers from 125 to 150 head. It has proved very prolific and it has become necessary to make a cut which will reduce the herd practically one-half in size. It is well understood by the breeders that Mr. Goodwin has been perhaps the most particular of any breeder in America to avoid putting into his herd anything but the best blood of the breed and the animals which he is offering for sale are some of the most blue-blooded to be found in all of the breed. Of the famous Blackbird family he includes seven cows, three of which have calves at foot and four bulls. These represent all three of the branches of the Blackbirds; the Blackcap 2d branch being represented by a daughter of Black Lassie Bell, which sold at public sale for \$1,100, and is also represented by Blackbird of Cloverland 6th. The Blackbird 3d branch is represented among the Blackcaps by the famous Blackcap 16th, two of whose daughters and one granddaughter are retained in the herd. The other branch of Blackbird 3d's family coming through Balldalloch is represented by Blackcap Ito 2d, whose dam is a daughter of the \$9,100 Prince Ito. In the Blackbird 4th branch Mr. Goodwin has given up one of his very choicest treasures in Blackbird 19th, the last heifer calf of old Blackbird 8th. Blackbird 19th has a fine heifer calf at foot by the double Blackbird bull, Blackston, as has also Blackbird 33d. Five Trojan Ericas go into this sale, three of them being imported cows. The Heatherblooms are well represented, but one of the choicest things will be the yearling bull, Heather Monk, which is a son of Black Monarch of Emerson, a grandson of Black Monk and a great grandson of Black Knight. The Jilts are represented by six females, three of them with calves at foot, and it is believed that this introduction of the Jilts to the breeding public will put them at once in the fore rank of prime favorites. Six Pride of Aberdeen cows, two having calves at foot and four bulls, making ten in all of this noted family, will contain some of the best things offered in the sale. See advertisement on page 34.

TOWNSEND CLOSES OUT HIS ENTIRE HERD OF SCOTCH AND SCOTCH-TOPPED SHORT-HORNS.

Among the many good Short-horn sales that will occur this fall none are deserving of more attention on the part of our very best breeders than is the closing out sale of Mr. C. E. Townsend, at Anita, Iowa, on October 25th. There are fifty-five head cataloged and thirty head of these are Scotch cattle of the Orange Blossom, Victoria, Mysie and Nonpareil families. His present Scotch herd bull, together with ten young Scotch bulls, all of his Scotch cows and Scotch heifers will go under the hammer and it will be a sale where breeders can secure some good foundation material. The advertisement on page 37 of this week's issue will reveal some as good breeding as has gone through one sale in some time. There will be eleven head of Scotch cows that will have calf at foot or will be right at calving. Among the Victorias will be the two foundation cows, Victoria Princess 3d and Victoria of Brookside, together with their descendants. There will be quite a number of their heifers in the sale, as well as a few young bulls. This family has always been sought after by the very best of breeders and there are some good representatives in this sale. Canute's Orange Lassie 2d is a five-year-old daughter of Canute out of a daughter of Golden Prince and she is one of his good Orange Blossoms. She will also have several daughters in the sale, as well as a bull or two. Orange Blossom of Brookside is another daughter of Canute out of a daughter of Saxon Knight, second dam by Imp. Bandmaster and she will also have several representatives in the sale. Brookside Orange Duchess is another daughter of Canute, bred the same as the preceding cow, and the entire offering of Orange Blossoms that go into this sale are descendants of these three cows. Iowa Mysie is a six-year-old cow, a daughter of Victoria Monarch 2d, and is out of a daughter of Saxon Knight. She is a Mysie with several descendants in the sale. Sixth Nonpareil is a six-year-old cow, a daughter of Canute, and she is one of those

WANTED--A BRIGHT MAN with light team, as salesman in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Tea Co., Box X, Winona, Minnesota.

WANTED A COMPETENT MARRIED MAN to work on a stock farm, must be a practical hog raiser and good all around man. Address, T. S. Cartwright, Marshalltown, Iowa.

richly-bred Nonpareils with several descendants in the sale. The Scotch-topped sorts will be Young Marys, White Roses, Belinas, Desdemonas, Miss Severs and others well known to the Short-horn world. The cows will be bred or will have calf at foot to the Scotch bull, Sovereign Cupbearer, and he will also be included in the sale. The heifers will be bred to Crimson Count, a son of Fashion Plate, and he will also be sold in the sale. The offering is a high-class one and it will be a good place to lay a foundation for a herd. The sale will be held at the farm near Anita, Iowa, on the main line of the C., R. I. & P. railroad, seventy-five miles east of Omaha and sixty-eight miles west of Des Moines. Mr. Townsend has issued one of the most up-to-date catalogs of the season and it should be in the hands of every Short-horn breeder. Write for it at once and kindly mention The Homestead. **LAST CALL FOR THE SHORT-HORN SALE OF F. W. AKERS.**

This is the last opportunity to direct attention to the prominent sale of Short-horn cattle and Poland China hogs from the Flatland herds of Mr. F. W. Akers, at Laurel, Iowa, on Tuesday, October 16th. On this occasion Col. Geo. P. Bellows and A. P. Mason will have an opportunity to demonstrate their ability to part ownership with some most excellent cattle and hogs of approved breeding and superior individual merit. This is Mr. Akers' first offering and it contains some straight Scotch as well as Scotch-topped cattle of superior merit. Mr. Akers' initial winnings at the Iowa State and Marshalltown fair, as well as the Laurel district fair, have been such as to make him feel justly proud of his stock. It seldom happens that a young breeder can go to the Iowa State Fair in the strongest competition in the world and receive such recognition as was accorded Mr. Akers this season. This show stock is included in the sale and should be an attraction to any lovers of Short-horns. One of the choicest young bulls to be found anywhere is the animal on which Mr. Akers captured high honors at Des Moines. We refer to the beautiful red calf, American Leader. He was one year old September 14th and is certainly as true and level in his lines as could be desired, fills well in the twist and the delineation in the catalog after Mr. W. E. Burke, serves well to portray the beautiful true lines possessed by this calf. He is a grandson of Nonpareil King, the great show bull that Mr. H. D. Parsons sold for \$3,500 to go to California. Hence he comes by his good qualities by inheritance rather than accident. His second dam was sired by the great Victoria Cruickshank bull, Victor Baron, and she out of a daughter of Imp. Master of the Mint. This young bull would certainly be a fine fellow to place at the head of some young herd for a beginner. Mr. Akers has a bunch of young heifers of the same type and character that are about as neat in appearance and as breezy looking heifers as can be found anywhere. These heifers would have been a credit to him as a breeder had he exhibited them at Des Moines. The nucleus for a young herd, composed of such young stock as will be sold by Mr. Akers, is worth traveling a long distance to find. It is to be hoped that the farmers and breeders will fully understand that here is a splendid opportunity to buy some most excellent young things in the pink of condition. Aside from this beautiful bunch of young things mentioned are several other good vigorous bulls, some four in number, all yearlings; these are in addition to the great show bull, American Leader. Of cows and heifers of breeding age, there is certainly a splendid array of useful cattle. The herd may unquestionably be styled an honest breeding herd. While Mr. Akers makes no pretense at making a Scotch sale, he does offer some most excellent Scotch cattle in a limited way, noted among which is the beautiful cow, Lot 1 of the sale catalog, called Gloster's Queen. She is a daughter of the Norton-bred bull, Lord Gloster. He belonged to the celebrated Duchess of Gloster family and was sired by that most excellent bull, Imp. Banker, and out of Norton's Duchess of Gloster, she by Imp. Salamis; her dam being Canadian Duchess of Gloster 24th by Imp. Duke of Laverder; thence to Imp. 12th Duchess of Gloster by the world's greatest bull, Champion of England. Gloster's Queen belongs to the famous Miss Ramsden family, the family that furnished two of the most noted celebrities ever imported at Storm Lake during Mr. Luther Adams' career as an importer of Scotch Short-horns. We refer to the invincible cow, Miss Ramsden 9th, and her daughter, Miss Ramsden 11th. Miss Ramsden 9th was said by critical beef judges to be the most modern, thick-fleshed, heavy beef cow carried out on the lightest bone, that was ever seen in American show yards. Gloster's Queen is one of the very useful Scotch cows that should do honor in any herd in which her future home may be cast. A beautiful daughter of hers is listed as No. 2. She is red, calved September 5, 1905,

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CHICAGO

and is in every way a worthy daughter of an illustrious mother. Her sire was Golden Crest Jr. and he by Imp. Golden Crest, imported by Messrs. J. G. Robbins & Son. This beautiful holler is worthy of attention from the most critical breeders in the land who desire to add some royally-bred Scotch blood to their herd. In her general make up she is a typical Scot and is one of the sort that Mr. Akers can ill afford to lose from his herd, but as this is his initial sale, he proposes to make it one that will attract the attention of breeders who are looking for something choice. Probably no more valuable cow will be offered to the public in the near future than Lot 3 of the catalog. This is a beautiful daughter of Alice's Prince; her name is Alice Brougham. Her dam was the 12th Lady Brough by Orange Favorite. This bull was got by the great son of William of Orange. We refer to Imp. Prince of Orange, imported by Mr. Luther Adams and sold as a yearling for \$1,000 to Mr. C. C. Platter, of Red Oak, Iowa, who, after using him a number of years, sold him to Messrs. C. C. Bliss & Son, of Kewanee, Ill., who bred this bull, Orange Favorite. This is a beautiful Scotch heifer, but not Cruickshanks; she founds on a Booth foundation. The imported cow was sired by the Booth bull, Baron Killerby. Her sire, Alice's Prince, was bred by Col. W. A. Harris and sired by Lord Aphol, while his dam was no less a personage than the famous Imp. Princess Alice, an own daughter of Field Marshal. Lord Athol was by Golden Knight and belonged to Colonel Harris' celebrated Golden Drop family. This is a splendid cow that should and doubtless will be appreciated on sale day. Lot 4 of the catalog is Golden Autumn, a twelve-months-old red Scotch heifer of the Autumn Lady or Carmine Rose family, sometimes known as Autumn Rose. It is a family that Mr. Cruickshank held in much favor and from it has descended some splendid, useful cattle. Autumn Violet 3d, the dam of this heifer, was sired by Grand Victor 2d, a full brother to Grand Victor that produced so many valuable show cattle for Mr. Geo. Bothwell, of Nettleton, Mo., being by that splendid Cruickshank bull, Grand Elector, and out of Imp. Lady Victoria. Autumn Violet 3d's dam was Autumnal Lady by the imported Cruickshank bull, Imp. Barbarossa. He was a son of Cumberland and out of Barmpton Spray by Caesar Augustus. Thus it will be seen that the Scotch blood lines are all that could be desired in this beautiful heifer. The remainder of the Scotch-horn offering is a useful lot of Young Marys, Annabellas, Rubys, Lydia Langulsh and other prominent American sorts. The catalogs have been ready for mailing for some time, and if not already received may be had for the asking by addressing Mr. Frank W. Akers, of Laurel, Iowa.

LAST CALL FOR R. G. ROBB & SON'S SALE OF SHORT-HORNS.

This will be the last opportunity The Homestead will have to direct the attention of its readers to the very important closing out sale of Scotch and Scotch-topped Short-horns owned by Messrs. R. G. Robb & Son, of Morning Sun, Iowa. In previous issues we alluded to this sale and the character of the offering in a general way. We wish now to impress our readers with the individual merit of some of the choice Scotch cattle whose pedigrees have previously appeared, or appear in this issue of the advertisement in The Homestead. Lot 1 of the sale catalog, Imp. Craibstone Beauty 6th, is certainly a worthy matron to be cataloged as No. 1, and with which to open the sale. She was sired by the great Marr Bessie bull, Craibstone, a son of William of Orange. This beautiful cow is out of Medal Beauty 2d by Lord of the Meadow, a Duthie-bred bull of the Mysie family, and sired by the Brawith Bud bull, Roan Robin. Lord of the Meadow had for his dam an own daughter of the celebrated Field Marshal. This splendid cow has been well known to the writer ever since he was imported, and we have always regarded her as a great producer. Fortunate indeed will be the man who secures her at this sale, because she has been carrying a Graceful Archer calf ever since February 9th. Lots 2, 3, 4 and 5 are all descendants of this famous cow. Lot 2 was calved Oct. 4, 1905, by Graceful Archer, and has some of the showyard character about her. She is called Graceful Beauty, a very fitting name, indeed. Lot 3 is Victorious Beauty, a daughter of Victor Archer. She was calved Nov. 28, 1904, while Lot 4, Golden Beauty was calved Jan. 4, 1903, and is a grand young cow that will calve before sale day. Lot 5 is a daughter of Golden Beauty sired by Victor Archer and is a worthy representative of this famous family. A splendid Victoria cow will be observed in Lot 6, Pleasant View Victoria. This is one of Mr. Cruickshank's most famous families, upon which the reputation of Sittytown was founded. Her sire, Blue Valley Duke 3d, was a Cruickshank Lovely hull sired by Imp. Double Gloster and out of Imp. Lovely 41st by Cumberland. The dam of this cow was by Imp. Earle Marshal, a bull bred by Mr. Duthie at Colynie, he by Cayhurst, he being the choicest production of the young bulls at Sittytown in 1881. The produce of this cow have been so much in demand that there remains today none on the farm. She was bred February 21st to Graceful Archer. The great Smithfield family of winners, the Augusta family, is well represented in Lots 7, 8, 9 and 10, all descending from the famous cow, Imp. Augusta 3d. This famous imported cow, Lot 7 of the catalog, was bred by Lady Cathcart, of Aberdeenshire. Her sire was Royal Pride, a Duthie-bred bull of the Rosebud family, but sired by the Cruickshank Clipper bull, Pride of Morning. She has a beautiful red heifer calf at foot dropped Dec. 22, 1905, by Graceful Archer, and was rebred to him Feb. 20, 1906. This heifer calf is a strictly fancy one, well worthy to grace any Short-horn pasture lot in America. Augusta 5th is by the celebrated bull, Lord Darnley and out of Imp. Augusta 3d. Augusta Pearl is a full sister to Augusta 5th. Lord Darnley was a beautiful roan bull owned by Mr. A. Alexander, of Morning Sun, and belonged to the celebrated Kiblean Beauty tribe, which has produced many prize winners in Scotland, including Mr. Dean Willis' great show cow, White Heather. The breeding of these heifers could scarcely be improved on from a Scotch standpoint. Lots 11, 12 and 13 are Cruickshank Brawith Buds, coming through the Brawith Bud cow, Imp. Foxglove, by Perfection. Lot 11 is the famous cow, Cherry Grove Foxglove 2d. She was by

Scotch Cup and out of Foxglove 4th by the great show bull, Imp. Cupbearer. She has a splendid bull calf at foot, dropped May 6th, to the service of Graceful Archer. Lot 12 is a daughter of this cow, sired by Imperor 2d. This was a Cruickshank bull of the same family as the Foxgloves, his sire being a Cruickshank Secret. Lot 13 is called Honey Creek Foxglove and was by Victor Archer and out of the first cow mentioned. No breeder of Short-horns will make any mistake in securing one or all of these three. Lots 14 and 15 are Gwendolines. Lot 14 is Graceful of Orchard Farm. Her sire was Iowa Scotchman, a choicely-bred Scotch bull bred by Messrs. Cookson Bros. Her dam was Graceful by Gaveston, tracing directly to Imp. Gwendoline by Baron Violet. This cow has a splendid roan bull calf dropped Dec. 2, 1905, by Imp. Clan Craibstone. This bull calf, however, will be sold separate, as the cow has been quiet in calf since March 16th to the same bull. Lot 15 is a daughter of the above cow and full sister to the bull calf previously mentioned. There is scarcely a breeder in the land has ever had a Dorothy in the herd but knows something of the good qualities of this famous family. That grand old cow, Imp. Dorothy, by Shuttlecock, has produced through the Aberdeen Butterflies a long line of female ancestors, and Lot 16 of this offering, Aberdeen Butterfly 16th, is one of these direct descendants. Her sire was the Rose of Autumn bull, Royal Baron. The Dorothy's are pre-eminently a Cruickshank family. This splendid cow has a bull calf six months old by Graceful Archer. Lot 17 is a richly-bred Victoria called Orchard Farm Victoria 3d. She was sired by Iowa Champion, a splendid son of Secret Barmpton. This is but a young cow, only two years old, and is worthy of consideration. One of the plums of the offering is the beautiful Cruickshank Lavender cow, Lavender Blossom of Beaver Creek, and is Lot 18 of the catalog. Thus, it will be seen that the Scotch end of this offering is bred in the velvet, and is in every way worthy of the rich breeding above portrayed. In the entire herd there is not a doubtful or shy breeder being offered. Everything of that character has found its way to the shambles long ago. This is strictly a business herd that has been a source of profit to its owners. The Scotch-topped cattle are of the Young Phyllis, Halstead Surprise, Waterloos, Rubies, etc. A well-bred young Scotch bull will be found in Lot 47. He is a Gwendoline sired by Imp. Clan Craibstone. He is a rich roan and is well enough bred for anyone. Honey Creek Archer, by Victor Archer, is possibly the choicest of the young bulls to be sold. His dam was Aberdeen Butterfly 9th, hence he belongs to the famous Cruickshank family of Dorothy's, previously mentioned. Another good Scotch bull is Exemplar. His sire was Exemplar, a son of Lord Darnley and Summit Simplicity. Exemplar's dam was the imported cow, Anemone. The above should be sufficient and is really all that is needed to remind Short-horn breeders throughout the middle West that at this dispersion sale will occur one of the best opportunities to buy Scotch cattle that have not heretofore been priced to anyone, but were reserved in the herd because of their superior productive qualities.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for five years.

The Hughes Short-horn Sale.

Carnival week at Cedar Rapids and the annual excursions to Ames was a hoodoo for Mr. John Hughes' sale of Short-horn cattle. A limited number of breeders and farmers attended this sale, where good values were in store for those who did attend. Col. Carey M. Jones, of Chicago, did the selling in a very creditable and able manner, as is his custom to do. No high prices prevailed. Mr. E. W. Edwards, of Williamsburg, Iowa, topped the sale by paying \$200 each for Simplicity 4th, the twelve-year-old Secret cow, and the Scotch Emma five-year-old cow, Ermina 20th. Mr. John R. Brown, of Marengo, paid \$105 for the nine-months-old Belina bull calf. Mr. Foster Winslow, of Belle Plaine, Iowa, paid \$100 for a yearling Young Mary bull, and Mr. H. B. Conkling, of Ord, Neb., had the most excellent good fortune to secure the Cruickshank bull, Strawberry Lad, at \$100. These were the best prices obtained for any of the offering.

Geo. H. Burge's Short-horn Sale.

The buyers certainly appreciated the cattle offered from Wayside farm. Mr. Burge held the fourth of a series of eastern Iowa sales and sold his cattle entirely to Iowa buyers. No one was present outside of the state. A good crowd gathered to do honor to one of America's foremost and enterprising breeders of Short-horns. Mr. Burge left no stone unturned insofar as preparation was concerned. A most sumptuous dinner was provided by the ladies of the M. E. church at Mt. Vernon, which brought smiles to the faces of cold and hungry visitors. The day was raw and chilly. Most of the cattle were in splendid sale condition and were held in the ring alternately by two past masters in their line, namely, Messrs. Matt Baker, and Morely Clark, both breeders of pure-bred cattle. Mr. Burge treated his visitors royally and protected them perfectly, establishing for himself a new and enviable reputation. Col. Griff Johnston did himself honor in the selling of the cattle at very satisfactory prices. The beautiful show heifer, Floradora, topped the sale at \$345, selling to Mr. H. D. Miller, of Morely, Iowa. Mr. C. Kohl, of Mechanicsville, Iowa, paid \$300 for a Nerissa cow and \$255 was paid by Mr. Wm. Hale, of Anamosa for No. 6, and this same price was paid by Mr. Earl Peet, of Martelle, for No. 17, both Clarksvilles. Aside from Floradora, the show heifer, the English cattle outsoled the Scotch. The Clarksvilles and Nerissas as individuals were justly entitled to cut the dash above mentioned. Mr. G. M. Bralnerd, of Anamosa, Iowa, secured a very great bargain in Acrobat, one of the herd bulls, at \$170. Only six females sold under \$100, and four bulls went below this amount. The gratifying subjoined list of buyers paying \$100 and over will be of interest to Short-horn breeders:

FEMALES.

Floradora, three years, sire Money Musk, H. D. Miller, Morely, Iowa\$345
Louisa of Wayside 3d, one year, sire

THE NORTH-WESTERN LINE

First-class daily through service from Des Moines to Council Bluffs, Omaha, the Black Hills, Wyoming, Colorado, Utah and the Pacific Coast on the west; to Sioux City, Mankato, St. Paul, Minneapolis, Superior and Duluth and all points in North and South Dakota, Minnesota, Northern Wisconsin and Michigan on the north, and to Chicago, Milwaukee, Peoria and the east, over

The Only Double-Track Railway Between The Missouri River and Chicago

This complete service includes electric-lighted trains of the most modern type with all provisions for safety, comfort and speed.

The Best of Everything



For booklets, maps, train schedules and full information apply to any ticket agent of The North-Western Line or address

L. F. BERRY,
General Agent, C. & N.-W. Ry.,
401 Walnut St., DES MOINES, IOWA.

Low Rates to South Dakota.

On every Tuesday during 1906 Homeseekers' rates to South Dakota points are offered by the Chicago, Milwaukee & St. Paul Railway. These low rates enable homeseekers to investigate the opportunities offered at slight expense. Any ticket agent can sell you tickets to South Dakota, via the Chicago, Milwaukee & St. Paul Railway. It is worth your while to ask him to do so. Write today for new booklet on South Dakota.

E. C. NETTELS, D. F. & P. A. Des Moines, Iowa.

Acrobat, M. J. Maston, Hudson, Iowa.... 130
Beauty of Wayside 3d, one year, sire Money Musk, E. Cosgriff, Clarence, Ia.. 175
Nonpareil of Wayside 3d, three years, sire Acrobat, and b. c., H. D. Miller.... 250
Jeanette B., six years, sire Orange Chief, William Hale, Anamosa, Iowa 255
Nonpareil of Wayside 6th, one year, sire Money Musk, same 180
Mollie of Wayside, two years, sire Money Musk, A. J. Glackin, Morely, Iowa..... 140
Rosemary of Wayside, one year, sire Money Musk, Wm. Hale 210
Princess of Wayside, two years, sire Money Musk, same 155
Myrtle, seven years, sire Orange Chief, C. Kohl, Mechanicsville, Iowa..... 125
Rosalind, two years, sire Money Musk, H. S. Hogle, Mt. Vernon, Iowa..... 100
Annabelle, five years, sire Raphael, C. Kohl 300
Marguerite of Wayside, two years, sire Money Musk, James Burk, Stanwood, Iowa 140
Jewel of Wayside, four years, sire Raphael, A. J. Glackin 160
Lavender B., three years, sire Iowa Champion, F. H. Wieneke, Marion, Iowa 125
Aurora, three years, sire Money Musk, Earl Peet, Martelle, Iowa 255
Beauty of Wayside, eight years, sire Orange Chief, H. D. Miller 200
Millie of Wayside, two years, sire Money Musk, H. S. Hogle 105
Miss Wiley of Wayside, two years, sire Acrobat, same 100
Rose 24th of Maine Valley, two years, sire Victoria's Pres. of Maine Valley, E. Cosgriff 125
Orange Blossom of Wayside, one year, sire Money Musk, H. D. Miller 100
Daisy of Wayside 2d, two years, sire Kinellar of Wayside, Lew Davidson, Stanwood, Iowa 105
Beauty 55th of Maine Valley, two years, sire Prince Nonpareil, G. C. Stottler, Mechanicsville, Iowa 155

Nellie Blane, nine years, sire Dunblane, H. S. Hogle 185
Amanda, nine years, sire Duke of Solon, A. J. Glackin 185
BULLS.
The Trumpeter, one year, sire Money Musk, McCormick Bros., Mechanicsville, Iowa 200
Knuckle Duster, two years, sire Acrobat, M. O. Weston, Walford, Iowa..... 100
Red King, one year, sire Money Musk, F. Holubar, Mt. Vernon, Iowa 100
Justice, one year, sire Money Musk, J. C. Stewart, New Hall, Iowa 125
Royal Star, one year, sire Acrobat, Ira Barnes, Mt. Vernon, Iowa 100
Acrobat, seven years, sire Victor Mysie, G. M. Bralnerd, Anamosa, Iowa 170
SUMMARY.
32 females sold for ..\$4,230; average..\$150.00
10 bulls sold for 1,085; average.. 108.00
42 head sold for 5,905; average.. 140.00

Turbett's Poland China Sale.

Mr. Jas. B. Turbett, of Hanna City, Ill., held his Poland China sale on Thursday, September 27th, as advertised. The local support was not what Mr. Turbett deserved, but every animal cataloged was sold in spite of the fact that prices ruled low. The manner in which the sale was conducted made friends for Mr. Turbett and if he again holds a public sale it will, no doubt, have the support of breeders and farmers throughout the central West. An average of \$16 was made on the entire offering. Cols. C. C. Plumley and Alva Scott conducted the sale in a satisfactory manner.

If you are interested in a steel range, cast range, cook stove or heater, look up the announcement of the Culter & Proctor Stove Co. on page 23 of this issue.



We are large tanners and have decided to buy
HIDES, PELTS, FURS, WOOL AND TALLOW.
"DIRECT FROM THE FARMER."

Ship us one hide or a hundred—fair treatment guaranteed all—the smallest shipper and the largest. We pay highest market prices and make prompt remittance. Write for price, tags and reliable information about curing hides, etc.

J. S. SMITH & CO., CHICAGO.
Minneapolis, Omaha, Kansas City, Sioux City, Ia.
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Nashville, Tenn., Portland, Ore., Los Angeles, Cal.
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Hastings, Neb., Springfield, Mo.

30 DAYS FREE TRIAL OLD HICKORY BUGGIES

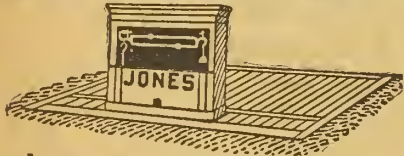
We sell these splendid buggies direct to you, at lowest factory price. Saves you one-half.

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"Old Hickory" buggies have quality, have style, have finish, and that lasting quality that no other buggy can equal. You will be surprised at the low factory prices. Write for Catalog today.



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\$40. Will get one on trial from
JONES OF BINGHAMTON

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THE FAMOUS OLD TRUSTY
More than your money's worth in incubators during the summer. We have them all beat; 40, 50 or 90 days to prove it. 5 year Guarantee.
Now is the time to write to
M. M. JOHNSON, The Incubator Man,
Clay Center, Neb.

MORE EGGS-LESS FEED
OPEN HOPPER.
Humphrey Green Bean and Vegetable Cutter
Will double your egg yield and cut your feed bill in half. Guaranteed to cut faster and better than any other. Trial offer and catalogue free.
Humphrey, Hame St. Factory, Joliet, Ill.

POULTRY.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM,
Box 253, Audubon, Iowa.

400 SINGLE and Rose Comb Brown Leghorns, Silverlaced and White Wyandotte cockerels, hens and pullets, bred from prize winners, at \$8 to \$10 per dozen. Guaranteed as represented. Indian Runner ducks and Buff Cochins bantams. Mrs. Will Michael, Selma, Van Buren county, Iowa.

ROSE COMB WHITE LEGHORNS.
EGGS 75c. per 13; \$2.00 per 40; \$4.00 100. Mrs. Grant Davidson, Manson, Iowa.

BARRED ROCKS, lending strains, scoring 91 to 92. Eggs \$1.00 per 15. Special on incubator lots. M. B. turkeys, Missouri King strains \$3 per 10. Fertility guaranteed. H. Schlatter & Sons, Lawler, Ia.

SILVER LACED WYANDOTTES.
EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm stock for sale from I. A. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

SINGLE Comb Brown, White and Buff Leghorn cockerels for sale at 75c each, from pure winners. F. E. Garrett, Lohrville, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings, \$1.50 to \$3 each, Mrs. L. M. Estes, Audubon, Ia. Route 2.

DOGS.

English Fox Terriers

I AM pricing very fine pups of either sex, all bred from recorded parents. Best strains known. All nicely marked. Write me.

S. J. MILLER, KIRKSVILLE, MO.

THOROUGHBRED fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATSI My Scottish Terriers will make them git. Very fine female puppies from recorded parents for sale. S. W. Harr, Riverside, Iowa.

When writing please mention this paper.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

THE AMERICAN HEN ON AN AMERICAN FARM.

Farmers with cheap feed and splendid advantages do not give the attention they should to the profitable hen. In an article recently published in a poultry paper, the following eulogy was passed on the American hen: "More mortgages have been removed from farms throughout the land as a result of careful management of poultry than have ever been lifted by hogs or corn. Whether or not this be true, it is at present an undisputed fact that the American hen produces over \$250,000,000 worth of eggs per year, and more than this in market poultry." This is a broad statement, but when we see the word hen as used in the above quotation it should be understood that it means all the egg-producing class, including ducks, geese, turkeys and their products.

The dairy products of the country reach \$650,000,000, and if there might be added to the above hen figures all the poultry of all kinds and their eggs that are produced in small towns and in village and city lots the actual products would come close to those of the dairy.

In one of the government reports we are told that the poultry business in the United States pays 400 per cent profit per year and in spite of all this the farmer will work hard from morning until night in the fields to gain a livelihood, where if he would spend one-half his time around the hen yard, according to the above figures he would be making a good thing.

It now appears that the cold storage men are going to form a trust with the American hen, even if they did lose some several millions of dollars last winter. One of the daily papers of an eastern state claims that the hen is a foe to trust methods. The commission merchants believe there is no danger of ever cornering the egg market, as the supply is too general and too great to permit a merger. There is not money enough in the banks and financial institutions of America to corner the produce market. A student says there will never be a trust in eggs, for Iowa alone sold in one year eggs to the amount of \$12,000,000. In view of some of the large figures that are abroad, it would appear that a merger of the hen and egg business will give the mergers all the trouble they want before a successful trust can be formed.

CAPOINIZING COCKERELS.

So far as market conditions are concerned and the increase to be obtained by this practice, it is safe to say that it pays to caponize cockerels. A capon will sell for a better price per pound than any other kind of mature chicken, and will also weigh more pounds than any other. There is another feature of the business that is not usually brought to mind by the producer of utility poultry. By caponizing a large share of the cockerels, a great many inferior males are disposed of that would be liable to get into the yards of other poultrymen or give trouble to the breeder who raised them. This is a good way of getting rid of a lot of fowls that would become troublesome at a time when one would not be able to dispose of them. Where it can be done, we would recommend that all surplus males be caponized. In order to do this, it will be necessary for the poultryman to visit some person who can perform this operation and "learn of him." That is the best way, and when one has once learned to perform the operation, it will soon be "an old story."

SUNFLOWER SEED FOR POULTRY.

There is no lack of theoretical writers on the poultry business. We have those who are now writing about the value of sunflower seed for poultry who actually know nothing about the business.

Now, in a nutshell, the matter of feeding sunflower seed to poultry is that if the seed has to be bought, it will be fed but one season, but if it is grown and tested carefully it may be fed several seasons, according to the experience of the feeder. We grow a great deal of it for various purposes, and always have a good supply of it, but to make a

Williams' Shaving Soap

The man who accepts a substitute for Williams' Shaving Soap insults his common-sense, his pocket book and his face.

Discerning men want Williams' Shaving Soap. Wise men not only want but get it.

Send 4c. in stamps for a Williams' Shaving Stick (Trial Size.)
(Enough for 50 shaves.)

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Dept. A, Glastonbury, Conn.



5,000 People

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99% of these pronounced the "Wright Feeders" the best and most satisfactory feeder on the market. It saves you money.

\$10.00 Buys feeder and farm right now, and "WRIGHT" pays the freight.

On and after October 15th all prices will be f. o. b. cars Rosendale, Mo. Order today and save the freight. Write for my illustrated catalog.

C. A. Wright, Rosendale, Mo.

P. S. Remember my sale of Duroc Jerseys October 18th. My prize-winning hoar under six months at Iowa and my other winners go in this sale.



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Reliable Doctors

WE are the oldest established firm of Specialists in all diseases and weaknesses of men in the west. We cure after others fail. This is why men travel across the continent to consult us. We treat all Chronic, Nervous and Special diseases, Nerve Debility, Loss of Strength, Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

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business of growing it as a poultry feed we believe we would not do it. It contains a good deal of fiber for the good that comes from it, but it has value as a feed at molting time, and it is then we feed it mostly.

Cancerol, a Mild Treatment for Cancer.

The originator of Cancerol claims more cures from its use than from all other treatments combined. Costs but a trifle to satisfy yourself. Write for handsome free book. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

REUNION ARMY OF CUMBERLAND, CHATTANOOGA, TENN.

The Chicago Great Western Railway will on October 14th, 15th and 16th sell tickets to the above point at rate of one fare plus \$2.00 for the round trip. Tickets will be limited to October 30th to return, with privilege of extension to November 30th on payment of 25 cents additional. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

POPULAR EXCURSION TO TWIN CITIES.

The Minneapolis & St. Louis R. R. has arranged to run their last popular excursion this season to Minneapolis and St. Paul on Saturday, October 13th. The train will leave Des Moines at 8:30 p. m., arriving Minneapolis 7:10 a. m. and St. Paul 7:45 a. m. Round-trip rate \$4.50. Berth rate in tourist sleeper \$1.00. Make your reservation at City Ticket Office, 312 Walnut St.

MEMPHIS, TENN.

Account of the annual convention Brother-

We Buy

Raw Furs, Cattle Hides, Wool, Mohair, Pelts, Tallow, Deer Skins, Ginseng, Seneca, Bees Wax and Goose, Duck, Chicken and Turkey Feathers.

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FISTULA, POLL EVIL,

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Removes Lumps of all kinds on either cattle or horses. Cures Ringbone, Spavin, Sweeney, Thoroughpin, Wire Cuts, Curb, Warts, Splints, Collar Boils, Saddle Sores, Sprains or Swellings, Distemper and Lump Jaw.

Guarantee—No Cure No Pay.

Sold by dealers. By mail or express \$1.00.

HAMER'S SURE CURE CO., VERMONT, ILLINOIS.

hood of St. Andrew of Episcopal church at the above place the Chicago Great Western Railway will sell round-trip tickets at rate of one fare plus twenty-five cents on October 15th to 18th, with return limit of October 30th, and on payment of fifty cents additional, until November 30th. Best service and connections. Inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

The night was delicious with its gentle breeze and its odorous silence. The shadows deepened and the stars crept out, but the two talked on without thought of going indoors. It was their first talk after years of separation, during which the one had been in the forefront of life's battle in the city, while the other had done duty on the old homestead, "far from the madding crowd." At first the talk had been about the family and the neighborhood affairs; gradually it had drifted to discussion of politics and the national outlook.

"I'll tell you what's the matter. A sort of dry rot has set in. There is a decay of moral fiber in America. It could hardly be otherwise. People no longer attend church, except a few here and there, and there is no religious instruction in the public schools. The old who believed in God and the devil and heaven and hell are dying off, and the young who are coming up don't believe much in anything. They care nothing about God; they're not afraid of the devil, and the thought of a future life doesn't bother them in the least. All most people care about nowadays is a soft snap and a good time. We're in a bad way."

"The successful physician follows diagnosis by prescription. You understand the trouble. Can you suggest a remedy?"

"Oh, it's not difficult to suggest a rem-

edy. The trouble is to apply it. Religious training, or something equivalent to it, should find a definite place in our national system of education."

"How can that be when the schools belong to the people, many of whom are opposed to religious education?"

"Religion has an ethical basis. We must get down to bed rock. There are fundamentals upon which everyone is agreed. We all believe in truth and honesty and purity and kindness."

"You would have the teaching of these a definite part of our educational system?"

"That I would. A republic cannot exist without moral fiber. Athens and Rome perished because they ignored this fact. We have entered upon the path they traveled; the same fate will be ours unless we turn about face."

"I haven't given the matter the thought you have, but I see the situation, the danger that lies ahead."

"Surely no one can fail to, whose eyes are open. It is forcing itself upon public attention. Not long ago a meeting was held in New York to consider it."

"What was done?"

"Nothing definite, I believe. But sentiment was so stirred that one speaker proposed the setting aside of a half day each week for some form of religious instruction in the schools."

"That is a move in the direction you propose."

"Yes; the thing is to recognize the need, then some line of remedial action will be agreed upon. As I said before there are some things everyone believes in. No parent could object to his children being taught to be virtuous. Even now something of the kind is being done in that direction in the schools."

"How is that?"

"Why, temperance is regularly taught in some schools in connection with physiology and hygiene; in others there are bands of Mercy, whose object is to train the children to be kind; the supplementary reading which has become such a feature in many schools is frequently chosen with the idea of inculcating moral lessons; and everywhere, high-minded teachers are working more or less directly along this line. The trouble is, there is, so far, no definite, no concerted action."

"Patience! Patience! You're doing your share, I'll be bound. You have given me something to think about, anyhow. I may be able to help. And, now, don't you think we've talked enough for once? The roosters will be crowing directly. It's time we were asleep."

AMONG OURSELVES.

Most of us are aware of the fact that within the last few years large numbers of Americans have crossed the line and taken up land in the Canadian Northwest. Probably members of this department have been among these emigrants, but until now not one has risen Among Ourselves. Personally I hope that Mrs. Dodge's coming may encourage others. We would be glad to hear more of life and conditions up in Saskatchewan:

Having been raised in an eastern state, I think, to some extent, I have nibbled from all three vines of wood magic. Here in northwestern Canada I find flowers growing that would grace any flower garden, but do not know their names; have never been introduced to them. I can say the same of birds, also. There are so many strange birds here; some very pretty ones. One little fellow, marked orange and black like the Baltimore oriole, only much smaller; also a black bird with white spot on the wings. These always go in pairs and seem very friendly. A pair of them sat on my windowsill through a storm one afternoon. Memory takes me to a grove in Iowa, where a great many birds would gather in the springtime, and little laddie (who has gone to a better home) would call, "Mamma, I have found a new bird; come out and see it." There are no trees in this part of Canada. You who have groves can hardly imagine how inconvenient it is to get along without them. We have no place to meet for picnics or socials. Our houses are too small, so we just stay at home and work. Oh! the Minervian club. What good times they must have. How I wonder if we will ever have a club in this, our new country. Not even an aid society here now. However, I shall at least show the paper to my friends and see how they like it.

The way to have a club is to start one, if you do it, with one other member. It is bad for anyone, man or woman, to do nothing but "stay home and work." It is also unnecessary. If a determined effort be made some way will always be found whereby one can secure recreation.

Letters arguing the subject of woman's work in the fields continue to come in shoals. Write about something else from

How Much Did Your Fuel Cost Last Winter?

Pretty big sum wasn't it?

Now can you figure up how much of the heat generated by that fuel was wasted?

If your stove is the ordinary, putty-jointed, slide-door, under-draft affair, you can safely assume that over one-third the heating power of the coal was lost.

A dollar's worth of stove putty will plug up the seams in twenty stoves—but it won't keep them air tight.

A few weeks' use, and the putty shrinks and falls out, leaving air-sucking cracks, which force the heat and unburned gases up the chimney.

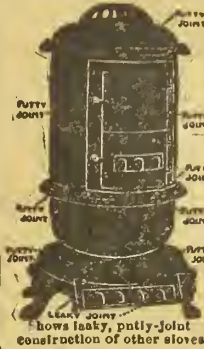
Whether you burn hard or soft coal, a great

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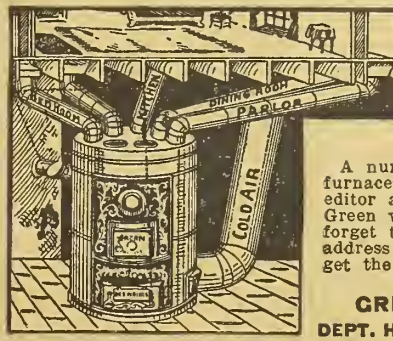
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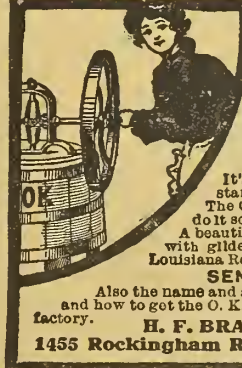


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We have some valuable information for you about heating your house, so don't get your furnace till you write us. You will be well repaid for your trouble.

A number of the employees of this paper have Green furnaces in their homes and we would refer you to the editor as to their good points. A good furnace like the Green will last a life time if properly handled. Now don't forget to write us today giving us your address and the address of your dealer. We will tell you just how to get the Green furnaces.

GREEN FOUNDRY & FURNACE WORKS, DEPT. H, DES MOINES, IOWA.



How and Where to Buy a Washer.

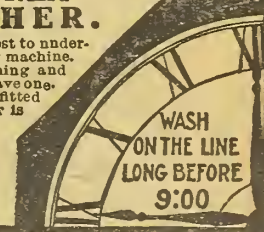
The market is flooded with poor washing machines, free offers, premiums, etc. That is not the cheapest way to get a thoroughly reliable washer. Most of them are expensive and provoking in the long run. Get a guaranteed washer, made by the reliable manufacturer. That's what we want to say to you about the

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this on, friends. We have given this subject a good deal of attention during the past few weeks; a meeting or two more should see its finish, and there is material enough on hand for several entire programs. Today we shall have a few short letters, first, from Mrs. Grafton, Mrs. Harriet and Uncle Stratton, in the order named:

In regard to our girls working outdoors, I think it is all right if they are strong enough to do it. They get the pure, fresh air and sunshine. They will not work hard enough to hurt themselves, and it is much better than to have them on the streets day and night. I have two girls, aged seven and nine, and one boy, aged eleven. Of course, they are rather small to do much of outdoor work yet, but the boy helps his father with all the chores, and milks three cows; besides, he can come in and get a nice breakfast ready if I am not able. He can bake fine cake, also, and seems to like to do housework, while the oldest girl would rather work outdoors. We are farmers, of course, but we live in the suburbs of the town. We have taken this paper ever since we have been married, twelve years, and

I am sure I could not keep house without it.

I can separate the milk and carry it to the pigs, and shut the windmill off when the tank is full. I have also spent many a day in the garden and doing other outdoor work, and yet have not felt the least bit disgraced by so doing. In turn, on wash day my husband lends a hand by turning the machine and doing the heavy work. He always churns, and even stayed home and kept our two little daughters, aged four and five, while I attended the state fair. I have always thought of married life as a woman trying to be a "helpmeet" as well as a "helpeat." I want to enter a protest against Aunt Ruth's thinking we farm women are good for nothing but doing housework, playing the piano, basket ball, etc. I, for one, am glad I have the health and strength to do the necessary work that often falls to the lot of the housewife in case of a rush on the farm. I must say I enjoy catching up my own horse and driving to town, or go visiting, as the case may be. This I don't have to do when my husband or hired help is around, but often if all are gone for the day and I take a notion to go, either to town or elsewhere, I don't have to sit at home because I'm afraid of the

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HAMILTON-BROWN SHOE CO. LARGEST IN THE WORLD

horse, or don't know how to hitch up (and don't want to learn).

In your August 30th issue on page twelve in the fourth column, beginning "And now Nebraska," and the words, "It depends"—Yes; it depends, but Mrs. W. being blind, our girl not only worked in the house, but out on the farm. She was worth two ordinary hired men. She received her education in the country, here; then taught school, and is now married. Our two boys, one living in a dugout here, and the other a janitor of town school house, getting his education, can cook, bake, wash and do any house work. While we notice "It depends," yet we believe let boys and girls learn all work.

These three letters were grouped with a purpose. It will be noticed that each of them gives us a glimpse of homes where father, and mother, and sister, and brother seem to share and share, working wherever their services are needed. There can be no doubt but that this is the right spirit. The most pronounced opponent of women working in the fields, or of men working in the kitchen will admit that. The point of divergence comes when application of the principle comes up for consideration.

Although she says nothing about it directly, Grandma will bring this point out:

I must say that I agree with Aunt Ruth to a great extent. No mother is entitled to the name of mother who allows her girls to ruin their health doing men's work. Mothers know what girls are destined to go through with in this world, that they will need all their strength. The few dollars that the girl saves her father and brothers today some other man will pay out in doctor bills later on, after she is off father's hands. I have no use for basket ball, for I think girls get enough outdoor work when the chickens and garden are well tended. After she has mastered the art of cooking, sewing and housekeeping, if she has run out of anything to do she had better study a good doctor book and learn to take care of the health of a family. Men need not get in a pinch with their work; let them leave the field in time to do their chores, the same as a woman stops washing or canning fruit to get the meals. Take a peep inside the house of some of your outdoor slaves; look at the way the house is kept. I could name nine homes where they aren't clean enough to be healthy, but they saved a few dollars. A woman is called the weaker half. Why is she expected to do three-fourths of the work? I really think it is for lack of sense on her part. A mother can lie awake half the night with a crying baby, then she is expected to do as much work next day as if she got a good night's rest, and she is ignorant enough to try to do it. An old gray-haired father said to me once: "My son fills a felon's cell because his mother always made the girls do his work for him, and when he knew his chores would be done he loafed in town, and that is how he fell in bad company." I think it is such management that has ruined many a home. Teach the boys that their chores will always be waiting for them and they will always be there to do them. And as for it making girls stronger to do men's work you had better take a look at some of them when they reach the age of thirty-five; you will see how healthy (!) it has made them.

Two of the points Grandma makes should be carefully noted. It is too frequently a forgotten fact that the girls

of today are the mothers of tomorrow, and that motherhood makes tremendous drains upon a woman, not alone physically, but mentally and morally; also it is a fact that money saved is not always money gained.

A cooking apple, firm of flesh, sound and good, but a trifle acid, that is what Grandma gave us. Donna Juanita brings us a golden pippin, mellow and just tart enough to make pleasant eating:

Dear Mrs. Streeter, when the clouds get full of moisture it just must rain, and when people are full of faults they must show them. Why do men have contempt for women? Why do they hate to go to church? Why do they do all those other things you ask about? They generally do only some of them, and they are naughty little grown-up boys whose mothers failed to teach them better. Willie Brown, across the street, always attended church, always sang in the choir, always raised his hat to ladies, always spoke of them with the greatest of respect, was neatness personified. John Smith seldom went to church; when he did he always sat as near the door as he could, so he could slip out before the last amen was finished, for fear someone might think he had really been to church. He was guilty of all those faults you speak of, and perhaps a few more. But perhaps his mustache was curled a little the nicer, perhaps he wore just the tie that matched the latest fashionable suit of clothes, perhaps he drove the fastest horse and owned the nicest buggy, and perhaps a great many other things. You loved church work, you loved to have things neat and clean. But as the husband is, the wife is. "Thou art mated to a clown and the grossness of his nature shall have weight to drag thee down."—Alfred Tennyson. You shut your eyes to his faults and only thought of his nice habits, and in place of letting the race die out you chose him for the father of your children. Heredity and environment always tell. Little John comes home from school, throws his books and slate across the room, his cap under the table. The pantry is daubed with bread, butter and jam. He grows up to make some other neat, loving woman miserable. Whose fault is it? I say woman's fault for choosing such men for husbands. If father's and mothers choose to raise such boys, let them, but nice girls have no right to marry them. We are not called upon to sacrifice ourselves for that kind of missionary work; but once you have chosen him for your husband, bear your burden as patiently and gracefully as you can.

How sensible Donna Juanita is! If only girls would look ahead a little and think of a man as something more than a sweetheart with nice manners or good looks or some other external possession! And if only mothers would be wise and so train boys that when grown they would make good husbands! I am a thorough believer in the right of suffrage for my sex, but that does not prevent my recognizing the fact that we women have a number of "rights" of which we do not avail ourselves as we should.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

I mourn no more my vanished years:
Beneath a tender rain,
An April rain of smiles and tears,
My heart is young again.

The west winds blow, and singing low
I hear the glad streams run;
The windows of my soul I throw
Wide open to the sun.

No longer forward nor behind
I look in hope or fear;

But grateful take the good I find,
The best of now and here.
—John G. Whittier.

MOTHER'S HYMN.

Up to me sweet childhood looketh,
Heart and mind and soul awake.
Teach me of thy ways, O Father,
For sweet childhood's sake.

In their young hearts, soft and tender,
Guide my hand good seed to sow,
That its blossoming may praise thee,
Wheresoever they go.

Give to me a cheerful spirit,
That my little flock may see
It is good and pleasant service
To be taught of thee.

Father, order all my footsteps,
So direct my daily way,
That, in following me, the children
May not go astray.

Let thy holy counsel lead me;
Let thy light before me shine,
That they may not stumble over
Word or deed of mine.

Draw up hand in hand unto thee,
For thy word's sake, unforget—
"Let the little ones come to me
And forbid them not."

—From the German.

A WOMAN MAY BE INDEPENDENT.

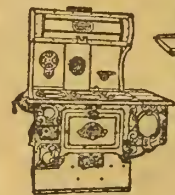
If a woman can make preserves, pickles or pound cake, and secure purchasers; if she can knit shawls, sweaters and slumber-shoes, if she can raise poultry or Angora cats; if she can, in brief, send out from her home any product whatever that people want and will pay for, she need not be worried. She will lie down at night tired and complacent, and while retaining her grasp on the home in its essentials, she will not feel that she is a pensioner on her husband's bounty. No wife should ever acknowledge that she feels herself this; no wife ever is this in any true sense. A wife is neither mendicant nor pensioner, but, unfortunately, many wives actually feel, and silently resent, the blundering attitude of otherwise good husbands in this commonplace particular.

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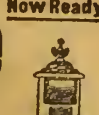
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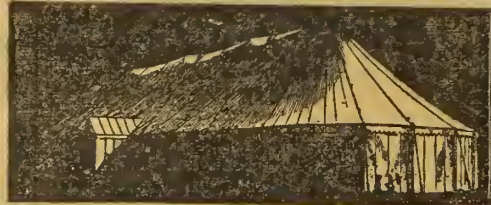


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Would that the good men's eyes were opened!—Margaret E. Sangster in Woman's Home Companion.

A SMILE.

Small Boy—I want to see Dr. Jones, please.
Maid—He's not in now.
Small Boy—Well, directly he gets back, will you tell him to come to our house—sharp—and take away that baby he left last week? It's in the way!

FOR THE HOUSEKEEPER.

A Kitchen Scrap-Basket—Every day innumerable paper scraps accumulate in the kitchen and there are always pasteboard boxes being emptied, as, for instance, the boxes that gelatine comes in, or those for cereals and other such things. It is a splendid idea to have a scrap-basket handy for this purpose. An old peach basket might be painted with enamel and answer for this purpose, but do not attempt any decorative bows or trimming, for it will only form nests for dust or cock roaches or kitchen odors.

Care of Brooms—The cleansing of brooms is rarely thought necessary, but they require cleaning as much as anything else, and if washed occasionally will be found to last far longer than otherwise. About once a week prepare a good lather of hot water and soap, and into it dip the broom; shake it until it is nearly dry, and hang it up, with the bristles downward, until quite so.

Silver and Silver-Plated Ware.—The use of soap gives either solid silver or silver-plated ware a leaden appearance. When tarnished, rub them with a little whiting wet with water, then wash in warm soft water, and polish with a piece of soft chambray. The discoloration of egg on silver spoons or forks may be removed by washing them in water in which potatoes have been boiled. This potato water, with a little salt in it, should always be saved, and articles washed in it with a woolen cloth, rinsed in clean warm water and polished with chamois.

Furniture Polish and Cleaner—Lined oil, one ounce, turpentine, two ounces. Mix in a bottle and shake before using. First, well dust the furniture, then rub on the polish with a piece of flannel, doing only a small portion at a time, rubbing briskly with two or three soft cloths, finishing up with an old piece of soft silk.

FOR THE COOK.

A Novel Sauce—A sauce made by frying a sweet green pepper, minced, after removing the seeds, with a small onion, also minced, adding, when these are tender and a golden color, a cupful of the thick part of stewed canned tomatoes, is delicious with poached or buttered eggs, or with an omelet.

Baked Potatoes—Select smooth, medium-sized potatoes, wash, and put in a dripping pan. Bake in a hot oven forty minutes, or until soft. The potatoes are put in a dripping pan so that all may be drawn at one time to try them. Test the potatoes by taking one up in a holder or towel, and if they are soft and mealy inside, they are done. Baked potatoes are cooked in their natural water, and when done the skin should be broken to let out the steam. If this is not done, the steam inside condenses again, and farms water, and the result is soggy baked potatoes.

Cheese Muffins—These are nice in cold weather for lunch or supper. Make a raised muffin batter and when filling the tins scatter on finely cut cheese. Some prefer to insert one wedge-shaped piece in each. With good coffee they constitute a satisfying beginning for those blessed with good appetites, and the pleasant odor stimulates those who must be tempted and attracted by novelties.

Sweet Potato Pie—Two cups of flour, one-half cup of butter, one-half cup of milk, one-half spoonful of baking powder (or if sour milk is used a small pinch of soda), a little salt. Mix together one cup of grated coconut, one cup of mashed sweet potato, one cup of sugar, one teaspoonful each of cinnamon and ground cloves, two cups of sweet milk, two eggs. Line well-greased pie plate with the paste and pour into potato

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preparation. Bake in moderate oven twenty-five minutes, or until pie looks a golden brown. This preparation will make two good-sized pies.

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\$10,000 REWARD to anyone who can disprove this statement.

If I could take you into my three large factories at Brockton, Mass., and show you the infinite care with which every pair of shoes is made, you would realize why W. L. Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe.

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PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson II. Matt. XXV. 1-13 October 14, 1906.

The Ten Virgins.

Late, late, so late! and dark the night, and chill!
Late, late, so late! but we can enter still.
"Too late, too late! ye cannot enter now!"

No light had we. For that we do repent,
And learning this, the Bridegroom will relent.
"Too late, too late! ye cannot enter now!"

No light! so late! and dark and chill the night.
O let us in, that we may find the light.
"Too late, too late! ye cannot enter now!"

Have we not heard the Bridegroom is so sweet!
O let us in, though late, to kiss His feet.
"No! no! too late! ye cannot enter now!"
—Alfred Tennyson: Idyls of the King.

This parable fairly teems with oriental incident and coloring. It has been called beautiful, simple, rich in instruction, and fullest in many-sided meaning. It is one of several touching the consummation of the kingdom of God.

There were ten virgins. The number suggests wholeness or entirety, ten being the all-comprehending number. The virgins were alike in that they all had lamps. They all wanted to meet the bridegroom. They all slept. But the things in which they agreed were mere accidents. The thing in which they differed was the essential. Five (the number is not significant, certainly not of the proportion of those who are elect) had oil with which to make the festive illumination. The other five were vain and thoughtless, looking only at appearances, personally unready, and vainly expecting to have their lamps filled on a sudden from the common store.

The wise could afford to nod (literally) and sleep. They were furnished. But the foolish only gave further illustration of their inveterate folly. Time they spent in sleep might better have been employed in seeking the needed store.

There is a true touch of orientalism in the suddenness of the bridegroom's arrival. The time could not be scheduled, as upon a modern railway time-card. The dialogue between the wise and foolish is pathetic. "Give us!" is the futile plea of folly. "Not so!" is the strong, repellent negative of wisdom. There is really no severity, much less irony, in the reply and accompanying advice.

The fate of the foolish, on the face of it, seems remediless. The time when they could have gotten the oil was past. They were late in troubling themselves. The time when the illumination was needed was over. The bridal party was already in the brilliancy of the banquet-hall, and the door was shut. How could the bridegroom recognize those who had not been of the company to bid Him welcome and lead Him to His bride?

So much for the pictorial side of the parable. In its spiritual application the minutia count for little, and one needs to be on guard against excessive allegorizing. In a general way it may be said that the ten represent the whole visible church, part of which to this day has the form only (creed and sacrament)—the lightless lamp of a mere ecclesiastical confession. The other part has the lamp of churchly form, filled with the

"eternal substance of the spirit of Christ." There is a continuous, deadly antithesis: Wheat and tares; true and false; dead and living; wise and foolish. But the external similarity is so great that we are cautioned against judging and dividing.

In the ultimate analysis it is reduced to a personal matter. Each virgin brought her own lamp. No one can stand for another. Holiness of another cannot avail for us. The Lord's arrival is the testing-time, discovering to all alike whether in the lamp of profession there is the oil of reality or not. It is the dividing-time as well. Each is on the side of the door for which he has prepared himself. There is no favoritism. Orthodoxy has long maintained that the door never will be opened to the foolish once excluded—that the decrees of judgment are eternally irreversible. It must be acknowledged that this cruel creed is voiced in gentler terms than ever before, and that there are not wanting those of untainted orthodoxy who deny it. As between conditional immortality or future probation as means of relief, the latter is to be preferred; and Canon Farrar's followers in the "larger hope" increase.

Analysis and Key.

1. A parable on the consummation of the kingdom of heaven. Literary and oriental characteristics of the parable.
2. Particular meaning. (1) Ten virgins represent the whole visible church. Divided into two classes. Wise had form and spirit. Foolish had form only.
- (2) Lord's second and sudden advent. Test of character; the day declares it.
- (3) Personal element in religion emphasized. Each for himself; no possibility of interchange of spiritual life.
- (4) The irreparable loss of the "foolish" questioned in current theology.

The Teacher's Lantern.

No parable sets forth more lucidly the probationary character of the present life.

Analogies abound. As childhood stands related to maturity, apprenticeship to trade, studentship to profession—so the whole present life stands related to the life to come.

Stated categorically: As fractional periods of life stand related to the whole life, so the whole life in this world stands related to the eternal life in the unseen world.

There is philosophy as well as poetry in the lines of Alice Cary:

The hues that our tomorrows wear
Are by our yesterdays forecast.
Our future takes into itself
The true impressions of our past;

and of George Eliot:

Our deeds still travel with us from afar
And what we have been makes us what we are.

Robin Fitzpatrick was a local celebrity in Highland county, Ohio, fifty years ago. Rising one night, he witnessed a magnificent meteoric display. In an ecstasy he cried to his wife: "Betsy, get up! The Lord has come!" and remembering his friend, he said: "Neighbor



Simpson-Eddystone Black & Whites

Nothing prettier or more appropriate for light mourning dresses. Absolutely fast color and a high standard of quality always rigidly maintained.

Ask your dealer for
Simpson-Eddystone Black & Whites.
Three generations of Simpsons
have made Simpson Prints.

The Eddystone Mfg Co (Sole Makers) Philadelphia



WE GUARANTEE

that under the same conditions speed applied, condition of corn, etc.,

The Appleton Corn Husker

will do more and better work than any other machine of like character and corresponding size on the market, that it is simpler in construction; easier in every way to operate; easier and safer to feed and to require less power for successful operation. The proof of these claims is sent for the asking. We make also a complete line of manure spreaders, horse power, shelling, ensilage and fodder cutters, feed grinders, wood saws, windmills, etc. Remember that Appleton quality is the standard of excellence.

APPLETON MFG. CO., 39 Fargo St., Batavia, Ills.

Try This Fence 30 Days Free

Buy Advance Fence direct from factory and you can try it 30 days free, and pay us factory prices if you decide to keep it. If it doesn't prove satisfactory to you in every way, you can return it and we will pay all freight. Advance Fence has the continuous

ADVANCE FENCE CO., 3486 Old Street, PEORIA, ILLINOIS

stay wire—the stay is one piece, running continuously up and down for many rods without an end. This distinctive feature makes Advance the strongest fence. Our catalogue tells all about it, and gives wholesale delivered prices. Ask for it.

Hott don't know the Lord has come. I'll run over and tell him." Neighbor Hott was found in hiding. Not being so well prepared for the Lord's coming as Robin, he had crawled under his bed.

Argos lost his head when he closed the last of fifty pairs of eyes. While Ulysses slept, his sailors loosed the baleful winds of Aeolus. So the classics are woven and interwoven with legends strikingly illustrating the necessity of eternal vigilance. It remains, however, for the Divine Teacher, divesting the subject of quaint fiction, to define the ethical principles involved, and ground the necessity upon a moral basis.

The spirit of true Christian watchfulness is sometimes lost in the mazes of arithmetical calculations of the date of the second coming of Jesus. He watches best who serves most diligently.

The strong impression made by the Lord's teaching is apparent even in the favorite names given by early Christian parents: Gregory the Greek, Vigilantius, the Latin word for watchfulness.

THE DES MOINES DAILY NEWS

AGAIN MAKES AN EXCEPTIONAL OFFER OF 25c FOR THREE MONTHS TO TRIAL SUBSCRIBERS.

The News is the only paper published at the Capital City that is not controlled by party politics. All the news is published in a condensed and readable form in an independent and fearless manner. If you would know the facts about all state and national questions, just as they are, you will enjoy reading The News.

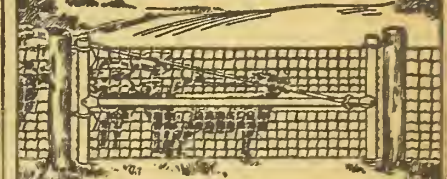
Daily market reports, farm news, household hints, sporting gossip, and everything that goes to make a complete metropolitan paper are regular features.

Every reading person in Iowa now has an opportunity to see just how good The News is by sending 25c to the Des Moines Daily News, Des Moines, Iowa, for a three months' trial subscription. The paper will be stopped promptly at the end of the three months unless you decide to renew.

KNIGHTS OF PYTHIAS BIENNIAL MEETING SUPREME LODGE, NEW ORLEANS, LA.

For the above occasion the Chicago Great Western Railway will sell round-trip tickets to New Orleans at rate of \$25.00 from Des Moines and from other stations at proportionately low rates. Tickets will be on sale October 11th to 14th, having limit to return of October 30th, with extension privilege to November 30th. For complete information inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

The Iowa gate FOR THE FARM



Hog Tight-Sheep Tight-Chicken Tight

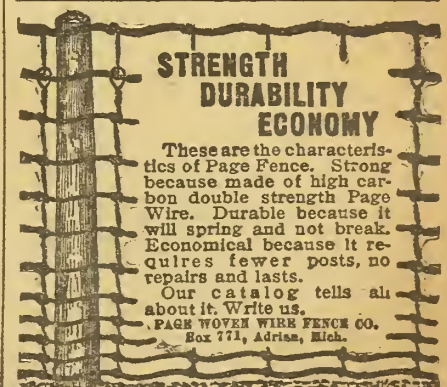
IOWA gates can be hung close to the ground but will never drag because the outer end is adjustable. Hog tight mesh and stretchers on every wire. Gate fastened at both the top and bottom, plain strong hinges, no wearing parts.

The Rolled Steel Tubing used in the frame instead of gas pipe makes them proof against any stock.

"A chain is only as strong as its weakest link." Why not use IOWA gates to match your good fences. You will find them strong but easy to handle—convenient in winter and summer—will swing up hill or down hill as you wish.

Cheaper Than Wood. Write now for our low prices and a dozen reasons why every farm should have them.

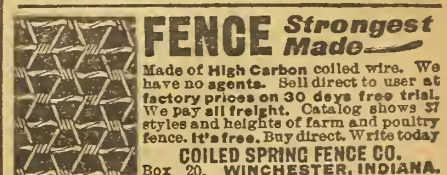
IOWA GATE CO., Ninth Street CEDAR FALLS, IOWA



STRENGTH DURABILITY ECONOMY

These are the characteristics of Page Fence. Strong because made of high carbon double strength Page Wire. Durable because it will spring and not break. Economical because it requires fewer posts, no repairs and lasts.

Our catalog tells all about it. Write us. PAGE WOVEN WIRE FENCE CO. Box 171, Adrian, Mich.

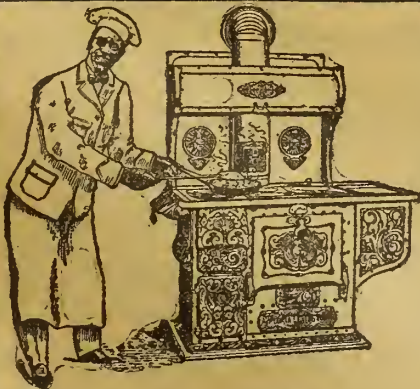


FENCE Strongest Made

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows styles and heights of farm and poultry fence. It's free. Buy direct. Write today. COILED SPRING FENCE CO. Box 20, WINCHESTER, INDIANA.

MARRY Photos and addresses of rich and handsome people who want to marry, sent free, sealed. Write to day. THE PILOT, Dept. 24, 188 N. Hamilton Ave., Chicago, Ill.

\$80 per month, expenses advanced. Men to travel, advertise, post signs and leave samples, Saunders Co., Dept. 7, Jackson Bl'vd, Chicago.



Peoria Lexington Steel Range.

If You Are Interested

STEEL RANGE, CAST RANGE, COOK STOVE or HEATER

Tell us what kind of Range or Stove you want. Give us the name of your nearest dealer. CUT OUT THE COUPON below, attach same to your letter and we will send to you FREE a handsome, useful SOUVENIR, with free description of Ranges or Stoves wanted.

CULTER & PROCTOR STOVE CO., 200 Water St., Peoria, Ill.

PLEASE send me FREE SOUVENIR and full description with Cuts of Ranges or Stoves referred to in my letter.

ADVERTISING NOTES.

Messrs. Isaac Novinger & Sons, of Kirksville, Mo., offer some rare bargains in lands adjoining the town of Kirksville. Land buyers or anyone hunting a farm home should investigate the lands offered.

Mr. T. S. Cartwright, of Marshalltown, Iowa, wants a competent married man to work on a stock farm. He must be a practical hog raiser and a good all-around man. See advertisement on page 18.

Messrs. N. H. Adams & Son, of Decorah, Iowa, are desirous of purchasing clover, buckwheat, and other field seeds, and they make request to Homestead readers, in their advertisement on page 12 of this issue, to send samples and get bids before selling.

The Koch Vegetable Tea Company, of Winona, Minn., want salesmen in every locality. Experience is not necessary and they announce in their advertisement on page 18 that they will give steady work and good pay to the right man in any locality. References are required.

The Hardin-Hatton Company, of Fort Wayne, Ind., are placing on the market a perfect preservative for shingle, tin, felt and iron roofs. They will deliver at the buyer's station, ten gallon cans at the price of sixty-five cents per gallon. Their advertisement appears on page 11 of this issue.

Mr. E. J. Trumbauer, of Patterson, Iowa, is offering a number of good Iowa farms for sale on page 24 of this issue of The Homestead. The sizes and prices asked for the different farms are stated. They are highly improved and within a mile of town. For full particulars address the advertiser.

Messrs. Armitage & Moffit, of Afton, Iowa, are offering for sale an improved 160-acre farm, forty acres of which are under cultivation, in their advertisement which appears on page 24 of this issue. This farm will be sold on easy terms and is located near town and school. They have other bargains in all sizes of farms.

Three hundred and twenty acres of nice, smooth, black, productive land, situated 100 miles southwest of Kansas City, are offered in exchange for stallions. The farm has fair improvements, is close to town, and corn, wheat, or alfalfa can be raised on it. For price of land and further particulars in regard to it, read the advertisement on page 25. Address Box A, Eureka, Kan.

We wish to call the attention of Homestead readers to a new advertisement appearing in our columns for the first time this week. We refer to the advertisement of the Cyclone Ditching Machine manufactured by the Jeschke Manufacturing Company, of Bellevue, Ohio, which appears on page 3. The claim is made this machine has no equal or superior in cutting tile ditch, doing it cheaply, quickly and perfectly, and is sold under a guarantee to do more work than any ditching machine on earth at the same price. The president of this company writing in regard to the machine, says: "This machine is strongly built and perfect in its adjustment and modern in every way, giving universal satisfaction. There is no machine on the market that can produce better results for the money invested and we have no trouble where the ground is in ordinary condition to cut from 400 to 500 rods of ditch per day with six horses, driver and operator, making a ditch from twenty-four to thirty inches in depth and nine inches in width, leaving it ready for laying the tile. This machine we sell direct to the consumer and it is not placed in the hands of either jobbers or dealers. The price of the machine is \$250 f. o. b., Bellevue, Ohio. We can always secure a very low freight rate to any part of the United States. We are making quite a few foreign shipments, which proves the utility of the machine. It is sold under a positive guarantee and Iowa should give us a good trade."

Thousands of young men are now leaving the farm and taking good positions with large business houses and corporations in the cities. A few years ago it was almost impossible for a young man or woman born and reared on the farm to secure a position in the city unless they had connections either by relation or otherwise who possessed enough influence to make a chance for them to get a start. The great demand for young men and women in banks, mercantile establishments, railroads, telegraph offices and other business enterprises which has grown up during the past few years has changed conditions all around. The growth of this demand has caused the establishment of the modern business college, designed to give the farm boy and girl enough insight into business to make them valuable to the business man, and is therefore competent to teach the young man or young woman can quickly gain all the knowledge necessary to hold a good paying position in the largest offices, and this is not the best of it. If the business college possesses a reputation for turning out well-educated pupils it has influence to get every one of its graduates permanent situations in large offices where they have every opportunity for advancement. Such a college is Boyles Business College, located at 1804 Harney St., Omaha, Neb. Mr. Boyles, president of the college, is a practical business man, and is therefore competent to teach business. He has a corps of the very best instructors it is possible to find, and his college occupies the most modern and thoroughly-equipped new building devoted to college purposes in the West. Mr. Boyles has published a catalog which is very valuable to any young man or woman who contemplates taking a business course. It gives all the information necessary and is sent free on request. See advertisement on page 18.

GOLDEN SEAL IN DEMAND.
Many of our readers do not know the value of this common plant and we are glad to say that the Northwestern Hide & Fur Co., of Minneapolis, pay a good price for it, as well as for many other things named in their advertisement which appears on page 20.

GET YOUR ORDERS IN NOW FOR WRIGHT'S STOCK FEEDERS.

October 15, 1906, is the last day on which Mr. C. A. Wright, "the stock feeder man," of Rosendale, Mo., will hook orders for feeders and he pay the freight. Mr. Wright regrets that he can no longer pay freight, but

the cost of material has advanced to a point where the paying of freight must be discontinued. Order now and save the freight, no matter whether it is a pig, calf or chicken feeder. The price is \$10 f. o. b. cars Rosendale, Mo., and if your order is in by October 15th Mr. Wright pays the freight. See page 20 for advertisement.

SEND FOR FREE ROOFING SAMPLE.

Black Diamond, one of the lowest-priced ready roofings on the market, bases its claim to attention on its record for durability. The claim is pretty well proven, too, for all its advertisements illustrate from photographs various buildings which have Black Diamond roofs, which are from ten to twenty-three years old and still in good condition. Black Diamond was the earliest ready roofing to be put on the market, and it has been sold continuously for over thirty years. It has proven its value under all kinds of tests, and its sales per year exceed those of all other ready roofings combined. Free sample may be had for the asking. Address the nearest office of the Barrett Manufacturing Company, Black Diamond Dept., New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans and Cincinnati.

A POINTER TO FARMERS.

Read the advertisement of the Allen Investment Company, of Kansas City, Mo., in this issue. They are advertising a splendid farm for sale which is located in Harrison county, Iowa. At the price they quote it is certainly a snap and will make the man that buys it money. It's so seldom a good farm is quoted at this price that it pays to look after it quick when it is. This farm is worth more money. Iowa land is as good as gold. Write the Allen Investment Company at once. Don't delay, as this farm will go quick at this price. It is close to splendid markets and has every advantage. The Allen Investment Company also have other lands, and our readers will find this firm absolutely reliable and responsible in every way. They handle nothing but good lands and can be depended upon to make good their representations in every particular.

DO YOU TURN YOUR HORSES OUT IN WINTER?

If so, we want to call your attention to a very important matter. Horses which have been used steadily at work, either on the farm or road, have quite likely had some strains whereby lameness or enlargements have been caused. Or perhaps new life is needed to be infused into their legs. Gombault's Caustic Balsam applied as per directions, just as you are turning the horse out, will be of great benefit; and this is the time when it can be used very successfully. One great advantage in using this remedy is that after it is applied it needs no care or attention, but does its work well and at a time when the horse is having a rest. Of course it can be used with equal success while horses are in the stable, but many people in turning their horses out would use Caustic Balsam if they were reminded of it, and this article is given as a reminder. Read the advertisement on page 16 of this issue.

SHIP THE HAY AND GRAIN DIRECT.

Many farmers may think that they cannot get as much for their hay and grain if shipped direct as they can otherwise but this is not so, as we know that the commission firm of Messrs. Freeman Bros., of Chicago, Ill., are in a position to get the highest price for any of our readers who may ship them their hay or grain. This firm have been advertisers of ours for many years and we know their dealings are always satisfactory to their customers. In some conversation which a representative of this paper had recently with Mr. Freeman, he said that this season they expected to handle large quantities of grain, as well as hay, and that it would be their aim to see that every man who shipped any grain or hay got every penny it was worth. Mr. Freeman said he thought the hay was worth as much now as it would be any time this winter. Our readers will find the advertisement of this company on page 18, and we would deem it a favor for our people who may have hay or grain to sell to write Messrs. Freeman Bros. for prices.

COZY HOMES.

The discovery of a new wick principle, so effective and yet so simple that it is a wonder no one thought of it before, has revolutionized the manufacture of oil heaters and lamps that explosions, smoke and smell, caused by imperfect wick arrangement, may safely be regarded as things of the past. This new wick attachment is to be found on the Perfection Oil Heater. Interesting tests show that, although the heater gives intense heat, the wick cannot be turned too high or too low, absolute safety thus being assured. One other feature which is worthy of mention is the smokeless device which prevents all smoke and odor. The portability of the heater also commends it for general household use. Heater is very light and can be easily carried about. Its simple operation, usefulness in heating water and warming cold rooms make it a most handy and useful article in any home. This heater is so far superior to other oil heaters, and is of such fair price that its universal adoption is but a matter of time. The Rayo Lamp, which is made by the manufacturers of the Perfection Oil Heater, is without doubt the best lamp for all-round household use. Is equipped with the latest improved burner, and gives a bright, steady light at small cost. Suitable for any room, whether library, dining room, parlor, or bed room. The Perfection Oil Heater and the Rayo Lamp form a combination that for real home comfort cannot be equaled. When consideration is taken of the simple operation of both heater and lamp, their absolute safety, the intense heat generated by the one, and the bright and steady light given by the other, all without smoke or smell, their value in any home, large or small, can be somewhat appreciated. Sold by all good dealers. See page 9.

KILL THE PARASITES.

We have received many letters during the past spring and summer asking a question something like this: "My stock is lousy; what can I use to kill the lice and not hurt the animals?" For the benefit of these

LANDS AND HOMES FOR SALE

THE OPPORTUNITY IS PASSING

to secure a home in the Wonderful BIG BEND COUNTRY of EASTERN WASHINGTON. DON'T DELAY. The finest climate. Freedom from electric and other destructive storms, chinch bugs, Hessian fly and other pests. Failure of crops unknown. We have choice improved lands for sale at reasonable prices and on easy terms. Special low prices to parties buying this fall. Railroad fare refunded to purchasers. Write at once for illustrated booklet and map.

BIG BEND LAND CO.

Address Dept. 1

WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company,

Investment Bankers.
Capital and Surplus, \$250,000.00.

LARAMORE,

NORTH DAKOTA.

For sale, S. E. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$15 per acre, reasonable terms. Frank Pearce, Fredericktown, Mo.

GOOD corn, wheat, clover and blue grass land, in the famous Elmwood belt of Missouri, on easy terms. White & Shroat, Palmyra, Missouri.

inquirers and the many stockmen who are having the same trouble, but have not written, we want to say a few words about lice, mites, fleas, etc., on stock. The first thing to be said is, these pests should not be there. They are expensive any time, and especially so now, when all feeds are high priced. Besides the feed it takes to keep them they make the stock look rough and skinny, giving to all who see them an impression that the owner is not a good manager. If this applies to any of your stock, whether it be horses, cattle, sheep, hogs or chickens, take our advice and go after the parasites. Use a coal-tar dip that is non-carbolic; then you are sure you will not injure the stock if you follow directions. A non-carbolic dip is one from which the poisonous and irritating qualities have been removed. These, if allowed to remain, are likely to do injury by blistering or exfoliating the skin, irritating the eyes or membrane whenever it comes in contact with it. For these reasons it will pay you to see that the dip you use is non-carbolic. You can get such a coal-tar dip free from these objections of any druggist for about \$1.35 per gallon. Each gallon will make seventy-five to 100 gallons of dip. The Kresol Dip is entirely satisfactory and not expensive. Get some of your druggist or write the manufacturers, Messrs. Parke, Davis & Co., Detroit, Mich., asking for their booklets telling how to use it and where it can be bought. After you get it use it as directed. For horses and cattle mix in proper proportion (don't guess at it) with water and put it on with a brush, broom or coarse cloth. Use plenty of muscle on this job, so you will get right down to the skin, where the trouble is. Repeat in ten or twelve days to kill any lice that have hatched out since the first treatment. If we were treating calves, pigs or sheep we would dip them. If you don't feel like huying a steel dipping tank, make one of cement or wood. No farm utensil will pay for itself quicker than a dipping tank. Even after you get the stock clean you will find it a decided advantage to dip frequently, just to keep them in good health. Whether you hand-dress or dip, there should be a second application a week or ten days later to kill the parasites that have hatched out since the first treatment. This is very important, for unless the new brood is destroyed the stock will soon be in as bad shape as before. Do not undertake to use any dip strong enough to kill the eggs or nits at one dipping. These eggs are usually enclosed in a tough, resistant covering. Anything strong enough to penetrate this covering will be very apt to lujure the eyes, ears or skin of the animals. Another point to be remembered is, that no matter how thoroughly you rid an animal of vermin, if you put it back in a stall or pen that is alive with parasites, your work counts for little. Use new quarters for a month or more, if possible. If you cannot do that, clean out the old ones thoroughly. Get all the litter, loose boards, etc., out of the way, then sprinkle or spray with the dip solution. If this is well done you will probably have no trouble on that score. The whole job is not so hard or long as it might seem. With a supply of the dip and a determination to clean up, one man can do a great deal in a day, and by keeping at it for a few days accomplish the end sought. The main thing is to get at it. Do it now, as the office men have it. If it cannot be done now, cut this slip out, fasten it upon the barn door, keep it there until you find a day when you can do the work, and remember every day you neglect acting on its advice you are throwing away good money in feed that goes to fatten lice, mites, ticks, fleas and other insect pests instead of the stock.

A beautiful souvenir is given away by the Culter & Proctor Stove Co., of Peoria, Ill., to those who are interested in a steel range, cast range, cook stove or heater, as per the advertisement on page 23. Look it up.

A REAL FARM BARGAIN

HARRISON CO., IOWA.

676 acres, smooth, level, rich bottom land, near Mondamin, Harrison county, Iowa, half way between Sioux City and Omaha, 2½ miles from railroad; 500 acres in good cultivation, good fences, moderate improvements—two 4-room houses, barns, etc.

Price only \$58 an acre.

Iowa and Illinois farmers write to us for choice farm bargains in Missouri and Kansas, close to Kansas City market. Address,

Real Estate Department

Allen Investment Co.

N. W. Cor. 9th & Wyandotte Sts.
KANSAS CITY, MO.

ONE IOWA ONE MADISON CO.

ONLY A FEW OF THE BEST BARGAINS I HAVE FOR SALE

120 acres @	\$55 per acre
40 acres, a snap, @	75 per acre
80 acres @	65 per acre
80 acres @	75 per acre
40 acres @	70 per acre

All within a mile of town, highly improved. For full particulars address,

E. J. TRUMBAUER,
PATTERSON, IOWA.

EASTERN KANSAS.

THE PLACE FOR YOU?

160 ACRES all tillable, 120 under plow. 4 roomed house, half mile from R. R. Station, 6 miles from 2 good towns. It's a dandy. Price \$5000, easy terms. 120 acres, 3 roomed house, good barn, fine orchard, good water on it. F. D. 60 acres broke, all tillable. Price \$4200—\$500 cash, balance your terms. Call on or address,

F. S. BENNETT,
LOCK BOX 16. EMPORIA, KANSAS.

FARMERS!

Go out to Wallace Co., Kan., near Sharon Springs, for ranches or farms; lands suitable for colonization purposes now selling at only \$5.50 per acre. Soil is dark, rich and covered with blue grass. Plenty living water. Write us and let us give you more information about this great country. Investors getting rich. Don't be a waiter. Next excursion Oct. 16. W. F. SHELTON LAND AGENCY,
215 Sheldy Bldg., Kansas City, Missouri.

For Price and Terms

ON the best 480-acre highly improved farm in southwest Oklahoma, write

L. A. Briggs & Co., 206 Hall Bldg., Kansas City, Mo

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

IMPROVED 60 acres near town and school, 45 acres cultivated; plenty water, \$55. Easy terms. Other bargains, all sizes. Armitage & Moffit, Afton, Ia.

TEXAS LANDS IN THE PANHANDLE, CHEAP. Thos. J. Pugh, - - Omaha, Neb

....LANDS AND HOMES FOR SALE....

Farm Lands for Sale.



CHEAPEST and best lands on the market. These lands are in Yellow Medicine county, Minnesota, and Denel county, South Dakota, in fourth tier of counties north of Iowa. You can raise anything in these parts you can raise in Iowa. A good grain and stock country, good water, soil and land is like Iowa. We have some fine improved farms for \$10.00, some good stock farms with good improvements on, \$20.00. Prices range from \$20 to \$40, according to land and nearness to town. Any good farmer can make as much money farming 160 acres here as he can in Iowa. Anyone wanting farm lands, don't fail to investigate these lands. Buy a ticket over C. & N. W. to Gary, S. Dak. Take receipt for ticket. On any purchase we will refund fare.

Geo. W. Johnson Land Co.,
State Bank, Gary, South Dakota.

Eastern Kansas

I HAVE for sale at owners' prices over 300 choice improved farms of all sizes in Lyon and Coffey counties, located in the heart of the best part of

NEOSHO RIVER VALLEY

All smooth, level land, no hills, stone, sand or hardpan; best black soil with clay subsoil. No hot winds; plenty of timber, fine water, tame grasses and fruit of all kinds. Long farming season and short, mild winters. Splendid school and social advantages. A live, up-to-date business town of 1,000 population with two long distance and local telephone systems, 5 rural mail routes; 3 large, new grain elevators; best shipping facilities; 100 miles to Kansas City market. Prices cheaper and selection better than near county seats. Write for new illustrated descriptive circular. Mention The Homestead when writing.

ED F. MILNER, Hartford, Kansas.

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED. PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

ORANGE, WALNUT, ALFALFA LANDS

60 Minutes from Los Angeles

On the famous Chino Ranch. Ten acres will make you independent. \$75 to \$150 per acre. Land produces every day in the year. Write today for illustrated booklets.

CHINO LAND & WATER COMPANY
516 Wilcox Bldg., Los Angeles, Cal.

FOR SALE.

80 A. being farmed, \$30. 160 A. scattered timber, hilly, good soil, \$25. No buildings on either. Both in Harrison county, Ia. 155 A. good soil, 1/2 cleared, gently rolling, small buildings. Decatur Co., Ia., \$30. 130 A. Mercer county, Mo. Pretty good soil, nearly level. Two sets of buildings, \$32. 90 A. Harrison county, Mo. 80 A. is level, rich corn land, fair buildings, \$37. 155 A. Boone county, Neb. No improvements, \$6. 280 A. Rock county, Wis. Level, grass and corn land, cheap buildings, \$25. 340 A. Worth county, Mo. 12 miles due south of Mt. Airy, Iowa; \$5,000 worth first-class buildings; rich land; \$40 per acre. No trade of any kind considered. Write for description. Address,

L. M. Mann, Owner, Des Moines, Ia.

LAND FOR STALLIONS.

320 ACRES of nice, smooth, black, productive land, 100 miles southwest of Kansas City; fair improvements; close to town; will raise corn, wheat or alfalfa. Price, \$35 an acre, clear. Will trade part or all for sound, young stallions.

BOX A, EUREKA, KANSAS.

740 ACRES, Chautauqua County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for all. Will sell on favorable terms or will take good small farm or other property in part payment.

BOX 151, INDEPENDENCE, IOWA

WHY WAIT? BUY NOW. Splendid investment, a good farm. **NORTH DAKOTA** offers best opportunity in the world for investor or **HOMESEAKER.** Reliable advice. Write First National Bank, Casselton, N. D.

CENTRAL KANSAS FARMS In Sumner county, for corn or alfalfa. Will sell you a well-improved home, cheap. Write Gile & Bonsall, South Haven, Kansas.

FARMS FOR RENT. Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. Northern Iowa Land Co., Independence, Ia.

SOUTHWEST

The Land where Men make good



It is easy to make good in the Southwest. Everything is in your favor. Good rich land costs only a small part of what similar land costs where you now live. Crops are bigger and bring higher prices. The climate is mild and healthful. Everything is right. Now is the time to sell your few acres in the North and buy a big farm in the Southwest. Land values are rapidly increasing. The farm you can buy now for so little will double or triple in value within the next year or two.

A letter addressed to the Southwestern Colonization Bureau, St. Louis, will bring you free copies of complete and authentic pamphlets covering all sections of the Southwest—Missouri, Kansas, Arkansas, Oklahoma Indian Territory, Texas, New Mexico and Louisiana.

A letter to any of the following members of the Bureau will bring reliable, detailed information about the particular section represented by the member addressed. Write to-day while it is on your mind.

Southwestern Colonization Bureau
315 Kinloch Bldg. St. Louis, Mo.

WHY RENT A FARM

when you can own as good or better one for the rent you pay for one year?

GEO. W. HARBIN
Waterloo, Iowa.

FALFURRIAS

In the Artesian Belt of South Texas 100,000 acres of cheap, rich lands, artesian water, healthful climate. We ship the earliest vegetables, Bermuda onions, melons, and cotton. Fine lands for corn, cotton, alfalfa, grapes, lemons, oranges. Write for literature and excursion rates.

FALFURRIAS IMMIGRATION CO.
Falfurrias, Tex. or Kemper Bldg. Kansas City, Mo.

The Best Lands in the State of Texas

Wheat, oats, corn, cotton, fruit, truck and stock farms; fine schools; good water; healthful climate with mild winters. These lands we sell at reasonable prices, from \$1 an acre up. Don't delay. Prices are constantly advancing.

GROESBEECK & CO.,
Stephenville, Erath County, Tex., on the Frisco.

CHEAP BOTTOM LANDS

I deal in St. Francis Bottom Lands—where crop failures are unknown. I have choice tracts of timber and improved lands for sale near railroad and within twenty to thirty miles of Memphis, Tenn. I have had thirty-three years' practical experience in logging, clearing and cultivating these lands; can tell you the whole truth about them. Write, or come, and I will show you what they grow. Address

J. G. STERN, Madison, Ark.

SOUTHWEST TEXAS

Sell your high priced land and come to Texas, where farmers harvest a crop every month in the year. No blizzards; no long winters, necessitating feeding your stock six months. Dry farming, corn and cotton, making farmers rich. In artesian districts alfalfa, truck and fruit bring phenomenal results—\$300 to \$800 per acre not unusual. Dry farm lands \$2.50 to \$10. Artesian lands \$5 to \$15. Write for information.

NICHOLSON & FURNISH, Moore Bldg. San Antonio, Texas. Branch Offices: Artesia, Carrizo Springs, Cometa, Spofford.

Fine Oklahoma Farms

There is no better land in the United States for wheat, oats, corn, cotton, alfalfa, vegetables or fruit than I can sell you in the most fertile belt of Oklahoma for \$10 to \$35 an acre. Mild winters; healthful; ample rain; plenty of good water; a stock country, schools, churches, railroads; GOOD markets; natural gas; rural telephones; rural free delivery. I know I have what you want and will show you if you will write or come and see.

S. C. GEORGE, (the Land Man) Apache, Okla.

YOU OUGHT TO KNOW

Have you heard about our wonderful Rice Lands, that bring more revenue than any other lands in America?

Do you know that they will also produce fine crops of corn, oats, cane, cotton, fruits and vegetables?

Do you know that three new railroads thru this section are going to make the price of land jump?

Write us and let us send full information.

W. W. DUSON & BROS., Crowley, La.

WESTERN TEXAS

WRITE

E. P. TURNER
General Passenger Agent
TEXAS & PACIFIC R'y
Dallas, Texas.

25 to 35 Bushels of Wheat, 65 Corn, 75 Bushels Oats, Three-quarter Bale Cotton per Acre, 6 to 8 Tons of Alfalfa

The above are actual crop figures for Kiowa County, Okla., for 1906. These lands, well-improved, can now be bought at \$30 to \$50 per acre. We also have for sale first mortgage farm bonds five per cent to five and one-half per cent. Securities worth three hundred per cent of mortgage. Write for detailed information to Lovelace, Lewis & Williams, Hobart, Okla.

Farm Wanted I WANT a highly improved Iowa, Illinois, Indiana or Ohio farm worth from twenty to thirty thousand dollars in exchange as part payment for a large well watered central Missouri stock and grain farm on navigable river, 5 miles from Rock Island railroad, midway between St. Louis and Kansas City, containing 1,900 acres. Present price is \$25 per acre. This property will increase enormously in value as part payment for a large well watered central Missouri stock and grain farm. Write for particulars and describe your farm fully. **A. S. LOOMIS, 909 Chestnut St., St. Louis, Mo.**

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS,

KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

IOWA FARMS FOR SALE.

410 acres at \$85 in Story county. 170 acres at \$85 in Story county. 170 acres at \$100 in Story county. 80 acres at \$95 in Story county. These farms are located from two to four miles from the Agricultural College and are all special bargains; well located, good land, tiled. Also 320 acres at \$70 in Worth county. 160 acres at \$67.50 in Worth county. These two farms belong to an estate and must be sold, and are very cheap at the price asked. Address,

SMITH & DAVIS, AMES, IOWA

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

A FINE ALFALFA, CORN & WINTER WHEAT FARM

MY FINE farm located in Buffalo County, 450 acres for sale, all fine black loam land 350 acres under cultivation, balance pasture and wild hay meadow, 80 acres alfalfa. There is over \$10,000.00 worth of improvements on this land, a fine large new house, two large barns, two granaries, two corn cribs, scales, feed yard, wells, windmills and cisterns, tanks and an engine to pump water, two large hog houses, two hog pastures, all fenced and cross fenced, close to four different churches, rural mail by the door, telephone in the house, one mile to school, five miles to Riverdale, twelve miles to Kearney, located in the neighborhood, one of the finest homes in the state. The owner lives on the land, 100 acres now in winter wheat. This farm bears the highest investigation. Price \$60.00 per acre. Also a fine little home of 20 acres, good improvements close to Kearney. Price \$2,000.00. Address the owner,

W. H. GRASSMEYER, RIVERDALE, NEB

FOR SALE

20,000 ACRES of desirable Prairie and Timber Land in any size tracts. \$3.00 to \$15.00 per acre. **LEWIS HOGUE, Weiner, Ark.**

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

CROPS NEVER FAIL.

CALIFORNIA In the beautiful Sacramento Valley, Sunset, Colorado offer best opportunity in California for the farmer, fruit grower and stock raiser. Tracts of 10, 20, 40 acres or more of the richest land, all under irrigation. Abundant water at low rates. New model town now building. Two railroads. Good markets for all products. Dairying and stock raising very profitable. Ten tons alfalfa to the acre. Peaches, pears, grapes, figs, etc., pay well. Good roads, good schools, churches, electric lights, etc. A rich and prosperous farming community. Four thousand acres just subdivided and now offered for sale on easy terms. Just the place for a home. Near Feather River, with fine hunting and fishing. This is the land of the Big Oak Trees. Write for free illustrated pamphlet. Mention this paper. Sutter Irrigated Farms Co., 1109 Post St., San Francisco, Cal. (Agents wanted.)

WHY BUY LAND AT FANCY PRICES

IN the Canadian northwest, thousands of miles from markets, when you can buy good quality land in the **Clover and Tame Grass Belt** of Minnesota, near two railroads and less than 100 miles from the Twin Cities or 70 miles from Duluth, at \$5 to \$10 per acre, easy terms? Wholesale tracts at dealers' prices. Agents wanted. For particulars apply to the owners.

THEO. F. KOCH LAND CO.,

801 Globe Building, ST. PAUL, MINN.

William Lampmann,

Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send me, free of charge, full information about

IDAHO IRRIGATED LAND.

Yours truly,

(Name).....
(Town)..... (State).....
(R. F. D.)..... (Box).....

FARMS IN Eastern Central Kansas, FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa, apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices

JAMES SHEERAN,
Dickinson Co., Solomon, Kan.

IOWA FARMS

FOR SALE AND FOR RENT.

WE have over 100 of the choicest Iowa farms for sale from \$55.00 to \$90.00 per acre. We have five or six large farms to rent. Write us for catalog and map of Iowa. It is free.

THE ALLEN LAND & LOAN CO., LAURENS, IA.

IOWA FARMS

FOR SALE BY THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address,

HAMILTON BROS., WINTERSSET, IOWA

Oklahoma Lands.

UNEQUALLED opportunities for homeseekers and investors. Millions of acres of the richest farm land in the United States is now owned by Indians who want to sell. Restrictions are being removed so they can sell. Write for particulars and map.

A. J. WALDOCK & CO.,
OKLAHOMA CITY, OKLAHOMA.

IOWA FARM

240 ACRES, good dwelling, 2 barns. Land lies well, but part some rolling; abundance water piped from spring to large tank; has apples, peaches, cherries, grapes, small fruit; about 7 miles to town; fine roads; all could be used for corn. Easy terms; this is a snap. Write us, or better come and see this before it is sold.

BOSSERMAN BROS., MURRAY, IOWA.

FARMS, STOCK RANCHES, CITY PROPERTY

BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank. **Hartford Land Co., Hartford, Kansas.**

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.

BOX 81, INDEPENDENCE, IOWA

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL, J. BEEK,** Chillicothe, Missouri.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

- Oct. 13, Aug. Sonnenland, Harlan, Iowa.
 Oct. 13, J. W. Reynolds & Son, Defiance, Ia.
 Oct. 15, Claude, Huffman, Scranton, Iowa.
 Oct. 15, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Oct. 16, E. M. Castle & Son, Joy, Ill.
 Oct. 16, J. H. Morriaon, College View, Neb.
 Oct. 16, L. L. Overholser, Diagonal, Iowa.
 Oct. 16, M. S. Moats & Son, Randolph, Neb.
 Oct. 17, L. W. Cross & Son, Mason City, Ill.
 Oct. 17, John Black, Randolph, Neb.
 Oct. 17, Z. T. Grout, Tingley, Iowa.
 Oct. 17, T. H. Isaac, Red Oak, Iowa.
 Oct. 17, Maupin & Applegate, Shelby, Mo.
 Oct. 18, C. A. Wright, Rosendale, Mo.
 Oct. 18, G. Van Patten, Sutton, Neb.
 Oct. 18, Hurlbutt & Rasmussen, Owaneco, Ill.
 Oct. 18, White & Dewey, Shannon City, Iowa.
 Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shannon City, Ia.
 Oct. 20, H. E. Watson, Edinburg, Ind.
 Oct. 20, M. Mihilla, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Weber, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Buabnell, Ill.
 Oct. 22, F. Alldritt, Friend, Neb.
 Oct. 23, A. A. & W. G. Karschner, Wilcox, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Marrs, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogaett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Rell & Cooper, Ferris, Ill.
 Oct. 30, McNeill Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 3, Thos. Johnson, Columbus, Ohio.
 Nov. 8, S. S. Puckett, Lynchburg, Ohio.
 Nov. 7, Thos. Johnson, Columbus, Ohio.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 9, Whitehall Farm, Yellow Springs, O.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeill Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Weber, Portsmouth, Iowa.
 Jan. 24, Rell & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Caribage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogaett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 4, Geo. W. Trone & Son, Rusville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 6, M. W. Greer & Son, Rusville, Ill.
 Feb. 6, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennetum, Madrid, Iowa.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed. A. Baxter, Pawnee, Ill.
 Feb. 7, A. F. Allen, Russell, Iowa.
 Feb. 7, H. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, J. A. Teter, Remington, Ind.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 19, A. E. Poush, Chaborton, Iowa.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannab, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 THE ONLY WAY DUCOC CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schroterberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.

SHROPSHIRE SHEEP.

Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

POLAND CHINAS AND HEREFORDS.

Feb. 14, Peter Mouw, Orange City, Iowa.
 REGISTERED DRAFT HORSES.
 Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hart, Arrowsmith, Ill., Mgr.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

- Oct. 12, Clay County Poor Farm, Spencer, Ia.
 Oct. 16, F. W. Akers, Laurci, Iowa.
 Oct. 16, B. G. Stark, Livermore, Iowa, at Humboldt, Iowa.
 Oct. 17, F. A. Schaefer & Son, at Raleigh, Ia.
 Oct. 17, R. G. Robb & Son, Morning Sun, Ia.
 Oct. 18, W. I. Wood, Washington C. H., O.
 Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 23, T. A. Davenport, Belmont, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 26, A. P. Fubmeister, Churdan, Iowa.
 and Theodore Vest, at Jefferson, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 1, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 14, S. H. Thompson's Sons and Wm. Smith & Sons, West Liberty, Iowa.
 Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 27, 28, Parsons, Turner & Stewart, Newton, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 12, J. W. Hanna & A. Robertson, Garrison, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 March 20, James Stack, Harvard, Neb.

POLAND CHINAS.

- Oct. 12, A. J. Podendorf, Logan, Iowa, at Council Bluffs, Iowa.
 Oct. 16, J. H. Wintermute, Blockton, Iowa.
 Oct. 17, John Blain, Pawnee City, Neb.
 Oct. 18, S. R. Patterson, Centerville, Iowa.
 Oct. 18, O. R. Pelpels, Talntor, Iowa.
 Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, G. H. & J. L. Mabry, Corning, Iowa.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 29, B. M. Bell, Beattie, Kan.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 15, A. L. Melth, Cairo, Neb.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Jan. 22, Roy Rockwell, Paullina, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Broa., Storm Lake, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 13, E. D. Keasey, Wlota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa.
 and M. P. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.

ABERDEEN ANGUS.

- Oct. 12, G. N. Oxley, Bedford, Iowa.
 Oct. 17, W. H. Jones, Quincy, Iowa.
 Oct. 19, M. D. & C. G. Korns and Wm. Dixon, Hartwick; U. S. Grant, Brooklyn; A. H. Kimball, Ladora, and H. H. Reed, Margo, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. F. Seeley, Mt. Pleasant, Iowa.
 Oct. 25, McElbinny & Cubit, S. E. Edgar, and others at Morning Sun, Iowa. W. K. Henss, Manager, Wayland, Iowa.
 Oct. 31, John S. Goodwin, Naperville, Ill.
 Nov. 8, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.
 Nov. 13, Wm. Casb, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 15, Van Buren Co. Farm, J. E. Corwin, steward, Mt. Zion, Iowa.
 Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1-2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4-5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

SHORT-HORNS, CLYDESDALES, PERCHERONS.

Nov. 9, A. H. Brett, Mason City, Iowa.

SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.

Oct. 22, L. C. Reese, Prescott, Iowa.

SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.

Nov. 27-28-30, South St. Paul, Minn., D. R. Mills, Mgr.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

O. I. C. HOGS.

Nov. 2, O. L. Kerr, Independence, Mo.

Dates Claimed for Live Stock Sales.

HEREFORDS.

- Oct. 17, 18, 19, Frank Rockefeller, at Kansas City, Mo.
 Oct. 30, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 7, Steward & Hutebeon, at Bolckow, Mo.
 Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 11-12, Armour-Funkhouser, Kansas City, Mo.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 THOROUGHbred HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

GALLOWAYS.

Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.

Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

SHORT-HORNS AND POLAND CHINAS.

Oct. 27, Geo. Manville, Faucett, Mo.
 Nov. 21, Saddler Bros., Hastings, Neb.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.

SHORT-HORNS AND DUCOC JERSEYS.

Oct. 27, A. P. Alsin, Boone, Iowa.
 Feb. 25, W. C. Cameron, Herman, Neb.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

PERCHERONS AND SHORT-HORNS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.

PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.

POLAND CHINAS, DUCOC JERSEYS AND CHESTER WHITES.

Nov. 9, Northwest Breeding Company, Emmetsburg, Iowa.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

FIELD NOTES.

The Duroc-Jersey sale of E. Z. Russell, Blair, Neb., has been called off.

Write Mr. Geo. H. Lawsbe, of Harlan, Iowa, if you want Chester White boars.

Oxford Down rams are offered for sale by Mr. S. S. Stolt, of Kiron, Iowa.

Cotswold rams are offered for sale by Mr. A. Latimer Wilson, of Creston, Iowa.

Twenty-five Berkshire boars are offered for sale by Mr. C. S. Buckley, of Holstein, Iowa.

Messrs. Norrish & Bevington, of Kingsley, Iowa, have a few good Tamworth boars for sale.

The big kind of Poland Chinas are offered for sale by Mr. F. H. Long, of Manning, Iowa.

Choice Ohio Chief boars are offered for sale by Mr. W. D. Pittman, of Lake City, Iowa.

Mr. J. D. McDermott, of Anita, Iowa, has a few good young Scotch Short-born bulls for sale.

Mr. Roy Rockwell, of Paullina, Iowa, is offering a nice bunch of Poland China boars for sale.

Two hundred choice Duroc Jersey pigs are offered for sale by Mr. W. J. Wendt, of Marcus, Iowa.

Mr. M. A. Cromwell, of Gilbert, Iowa, announces a public sale of Duroc Jerseys on February 21st.

Mr. Albert Bell, of Lake City, Iowa, has forty Duroc Jersey boars for sale at very reasonable prices.

Messrs. Cbandler Bros., of Kellerton, Iowa, offer some great imported Shropshire rams and ewes for sale.

Mr. L. Sheets, of Carson, Iowa, offers to trade a good bunch of mares for land or a draft stallion.

Messrs. Reubel Bros., of Rockwell City, Iowa, are offering some splendid Poland China boars for sale.

Mr. Harman Gruver, of Brewster, Minn., is offering a good bunch of Duroc Jersey boars and sows for sale.

Messrs. Clark & Tryon, of Wausau, Neb., are offering forty head of Duroc Jersey fall and spring boars for sale.

One Hundred Crimson Wonder Duroc Jersey boars are offered for sale by Mr. H. L. Cantine, of Quincy, Iowa.

Mr. John S. Goodwin, of Naperville, Ill., claims October 31st as a date to hold a sale of Aberdeen Angus cattle.

Choice Duroc boars at reasonable prices for the next thirty days can be bought of Mr. Delmar McCann, of Kennard, Neb.

Write Messrs. J. W. Knowles & Son, of Craig, Neb., for prices on their Poland China boars. They have some good ones.

Some good Duroc Jersey boars sired by Echo King and Red Chief I Am are offered for sale by Mr. Smith Brown, of Waterloo, Neb.

Mr. E. F. Escber, of Manning, Iowa, is now ready to price his Poland China boars sired by his great 1,000-pound boar, Gay Monarch.

Mr. S. P. Hartman, of Ottumwa, Iowa, has male and female Poland China pigs of spring farrow for sale. His advertisement appears on page 43 of this issue. The boars at the head of Mr. Hartman's herd are

All Dude 26315 and Wonder Chief 103475. For prices and other information, write Mr. Hartman.

Mr. A. H. Brett, of Mason City, Iowa, names November 9th as a date for selling Short-horn cattle and Clydesdale and Percheron horses.

Messrs. Wm. Ray & Son, of Defiance, Iowa, have some well-bred Poland China boars for sale. Read their advertisement on page 41 and write them.

Large Improved Yorkshires are offered for sale by Mr. Fred Rabeller, of Leigh, Neb. They have one of the best herds of this particular breed in America.

If you want a good Duroc Jersey boar sired by the great Orion J. or Crimson Wonder Jr., then write or go and see Mr. M. A. McWilliams, of Wall Lake, Iowa.

Thirty good Poland China boars are offered for sale by Mr. John Schmieder, of Remsen, Iowa. These are the same as he won first and second prizes with at the Interstate Fair.

If you want a right good Duroc Jersey boar sired by an undefeated sweepstakes boar, you will have to send your order to Messrs. Edmunds, Shade & Co., of Kingsley, Iowa.

If you want a Poland China spring boar sired by Ohio Sunshine 2d you can get him by sending your order to Messrs. Wm. Uhe & Sons, of South Omaha, Neb. They have some good ones.

A three-day breeders' sale of registered draft horses is announced to take place on January 9th, 10th and 11th, at Bloomington, Ill. Mr. C. W. Hurt, of Arrowsmith, Ill., is the manager.

If you want a good Poland China boar sired by the noted Nebraska State Fair Winner, Oakland's Prospect, you can get them by sending your order to Mr. Chas. M. Hulbert, of Oakland, Neb.

If you want a good Glenwood Critic pig write that bustling young Duroc Jersey breeder, Mr. A. W. Lamb, of Monroe, Neb. He has some good ones and prospective winners for next year.

Mr. Austin Renshaw, of Blair, Neb., has some good Duroc Jersey boars sired by Junior Jim, the noted Iowa State Fair winner this year. If you want a Junior Jim pig write him at once.

The Ardmore Stock Company, of Holstein, Iowa, are offering the best bunch of Berkshire boars they have ever raised, and they have had some good ones. If you want one of the best you should order right away.

No better Poland China boars can be bought, nor from a more reliable breeder, than from Mr. Henry Dorr, of Remsen, Iowa. He always has the good ones and his prices are within the reach of anyone wanting a good boar for the money.

Mr. U. G. Davidson, of Manson, Iowa, has some good boars left that are sired by Crimson Wonder I Am, the noted sweepstakes boar, also the sire of sweepstakes winners. Go after him at once with an order if you want to be in the winning next season.

Mr. J. L. Barber, of Harlan, Iowa, is offering a bunch of Chester White boars for sale that are not only good, but are either sired by a prize-winning boar or are out of a prize-winning sow. If you want this kind you had better send him your order at once.

Mr. John Tighe, of Stanton, Neb., and Mr. Clarence Wallace, of Wisner, Neb., whose sale of Duroc Jersey boars was held on October 2d at Wisner, Neb., report that thirty head sold at an average of \$30.00, the lowest-priced animal selling for \$20 and the highest at \$75.

If you want a Duroc Jersey boar sired by Crimson Wonder Again, the Iowa State Fair sweepstakes boar this year, you will have to bustle your order to Mr. H. S. Allen, of Russell, Iowa, at once. He owns him and has his get for sale, also some good ones by Top Notcher Again.

Mr. John Weighton, of Audubon, Iowa, has a nice bunch of Duroc Jersey boars that he is offering for sale and will be priced right if taken soon. We suggest to Homestead readers who want a boar that they can get one here and get him right if they send their order to Mr. Weighton at once.

Messrs. Stow & Gingrich, of Hamburg, Iowa, have a cracking good bunch of Duroc Jersey boars for sale. These are out of sows and are sired by boars that have been pronounced the best of the breed. If you want a good one it will pay you to write the above firm or go and see them.

Mr. T. A. McMahon, of Craig, Neb., has one of the best bunches of Duroc Jersey boars for sale that is to be found in the West, and they are all out of prize-winning stock. He is pricing these at a figure that will move them during the next thirty days. Send him your order at once and he will treat you right.

Mr. W. L. Bonnett, breeder of Duroc Jersey swine, of Birmingham, Iowa, in furnishing copy for his advertisement found on page 44 of this issue writes: "My pigs are nice, growthy fellows, of good bone, good length, good color and stand on the best of feet. They will be quoted at reasonable prices, breeding and quality considered."

Mr. F. M. Jenkins, of Pomeroy, Ill., proprietor of the Cyclone herd of Duroc Jersey swine is offering young hogs of both sexes for sale in his advertisement on page 44 of this issue. They have good color, heavy bone, good length, and are strong and vigorous and from prolific families. Mr. Jenkins' prices will be found reasonable.

Mr. Willard Miller, breeder of registered Shropshire sheep, of Anita, Iowa, has an advertisement on page 16 of this issue, offering rams and ewes for sale. In furnishing copy Mr. Miller writes: "The ewes that I am offering for sale are now being bred to an extra good imported ram. I added to my flock some imported bred ewes last winter and also had some arrive from England on August 8th of this year."

Messrs. Allen Bros., breeders of Aberdeen Angus cattle, of New Sharon, Iowa, write that they have sold their Pride bull, Prond Blackcap, which they have been advertising in The Homestead, to parties in southern Iowa. They say: "We are being snowed under with inquiries concerning him. We have a fine Queen Mother bull three years old that we will sell, also a number of Favorites, Prides, etc., sired by Proud Blackcap and bidding fair to be his equal." Write

them for prices, or better still, go and inspect their stock. See advertisement on page 41.

Mr. S. J. Miller, of Kirksville, Mo., can furnish Fox Terrier pups, the rats deadly enemy. They are eligible to registry, are well marked and by one of the best dogs in America.

A Poland China bred sow sale containing about sixty head is announced to take place at Algona Iowa, on February 15th, by Messrs. H. H. Styer, of Whittemore, Iowa, and M. P. Dan, of Burt, Iowa.

Mr. B. F. Richardson, of Dubuque, Iowa, has some very fine Angora does and one buck and some choice Scotch Collie dogs which he is offering for sale on page 34 of this issue of The Homestead.

Mr. Leroy A. Hayes, of Knoxville, Iowa, announces on page 34 of this issue of The Homestead that he has a fine bunch of Collie pups from working parents for sale. Pedigree will be furnished with each dog sold.

In our report of the Interstate Live Stock and Horse Show, held at St. Joseph, Mo., an error was made in the report of the Chester White classes. We stated that the grand champion boar was Missouri Chief 13466, while as a matter of fact it was Missouri Chief 3d 18840. This winning hog was bred and shown by Mr. J. J. Hall, of Graham, Mo., in whose interest we are glad to make the correction.

Mr. J. A. Russell, the red hog man of Corning, Iowa, wishes us to say that his sale Durocs are doing fine and that he cannot part with any of them until his October 27th sale, at which time he sells ten Proud Advance gilts and four boars; a nice string of useful stuff sired by Tip Top Notcher Jr., Orion Improver, Choice Goods, Higgins' Model and others. His catalogs are out. Send for one. See advertisement on page 45.

Mr. John Schneider, breeder of Poland China swine, of Remsen, Iowa, writes as follows in regard to his stock: "My hogs are doing well. I have thirty good spring boars sired by Winning Perfection 105015, the hog that sired the young boar that won first place at Sioux City this fall. They are growing, have good length, good bone, with nice finish, smooth coats, good heads and ears, and stand right up on their toes with good straight legs. I have hogs good enough to head any herd. Some of them are sired by All Dude and Keep On 3d. They are good pigs and I will sell them right." See advertisement on page 43.

Messrs. Wheatley & Ward, of King City, Mo., breeders of Aberdeen Angus cattle, exhibited their herd bulls, Hale Lad 2d and Maplehurst Petros, winning fourth and fifth places, respectively. This was the first time this firm had ever exhibited stock from their herd and the cattle were not especially prepared for show purposes. With the amount of fitting most cattle receive the Wheatley & Ward herd would make a strong showing. Their herd now numbers upwards of 200 head and some good, strong bulls ready for service are being offered. See page 21 for their advertisement and should you write them kindly mention this paper.

The fifth annual sale of Short-horns from the Lakewood herd owned by Mr. H. G. McMillan, of Rock Rapids, Iowa, is announced to take place on Wednesday, October 24th. The offering will consist of forty-seven head, ten bulls and thirty-seven cows and heifers. They are a representative lot of Scotch and Scotch-topped cattle in fine breeding condition. Several of the bulls are extra good, and the cows and heifers are of the best, all being bred to the famous Scotch herd bull, Morning Joy. This will be an excellent opportunity for Homestead readers to get a good young bull or cows and heifers in calf by one of the best bulls of the breed.

Mr. John Werner, of Lake Preston, S. D., recently purchased of Mr. C. C. Norton, of Corning, Iowa, the young Scotch bull, Cricket, a son of Banker's Victor and out of a cow called Calla by Golden Victor, the bull that won at the Iowa State Fair and all the other leading fairs a number of years ago, and was afterwards bought by Mr. Frank Harding. This young bull goes to head his South Dakota herd and should prove a great find. He is bred in the purple and traces in all his crosses to the most noted Cruickshank cattle. Messrs. Thompson Bros., of Hurley, S. D., also bought a son of Imp. Bapton Admiral out of a Princess Royal cow and they won second on him this year at the South Dakota State Fair.

Mr. M. M. Elmendorf, breeder of Duroc Jersey swine, of Lacona, Iowa, in furnishing copy for his new advertisement on page 45, writes: "Please announce that my Durocs are in fine shape and that the boars are good, big, strong fellows, with plenty of bone. The sows are mostly spring gilts, but a few spring and fall yearlings will be offered. I have purchased a son of Tip Top Notcher, so I am pretty well stocked with his blood. You will remember that Duke is a state fair prize winner and one of the best-bred boars of the breed. His sire is old Kan't Be Beat, dam Cedar Vale Queen VI. by Top Notcher. I bought Duke of Messrs. Watt & Foust, when a pig six months old. He was three years old the 10th of September, is very sure and a splendid pig getter, is in fine breeding condition, weighing about 650 pounds, but can be made to weigh 900 pounds. He is worthy of a home in some first-class herd."

Messrs. Bridgford & Nesbitt, breeders of Poland China swine, of Aledo, Ill., in sending in change of copy for their advertisement found on page 34 of this issue of The Homestead, write: "We have thirty-five spring boars of February, March and April farrow for sale, and also a few fall boars of 1905 farrow that are ready for service at any time. Our boars are sired by four good herd boars, including Faultless Perfection 2d 70889, Young Delight 104550, U. S. Lad 2d 105143 and Perfection's Model 94305. This is the best lot of boars we have ever offered to the readers of The Homestead. We also have seventy-five head of sows for sale, ranging in age from three years old down to spring gilts that we will sell, either open or bred. We can furnish parties with what they want in pairs or more unrelated. Will price this stuff worth the money considering breeding and quality. Our stock is of good length with plenty of bone and finish and we would like to

have interested parties write for what they want or come and see the stock for themselves. We purchased while at the Iowa State Fair a young boar sired by the first-prize yearling boar, On the Dot, to breed our young gilts to."

Messrs. Rosenfeld & Siverly, of Kelley, Iowa, write: "Please ask Mr. W. B. Story, with whom we were talking at the Iowa State Fair, to write us. We have misplaced his address and as we have some business to transact with him, we would like very much for him to write us."

On Thursday, October 18th, beginning at 12:30, Mr. O. R. Phelps, of Taintor, Iowa, will offer for sale sixty head of Poland China swine. The offering will consist of forty boars of all ages and twenty open gilts. Mr. Phelps believes that this is the best consignment of hogs he has ever offered to the public. They are heavy-boned, growby and full of quality, with the very best of breeding. Write him for catalog.

Messrs. P. S. & S. Barr, of Davenport, Iowa, write as follows: "Our Poland China boars are a strong, vigorous lot of heavy-boned pigs, out of ancestors of best breeding and shape. We are offering special low prices on car lots of Short-horn or Polled Durham cattle to those who come to see them. A number have calves at foot, three to six months old, and are rebred. Call or write, Farm, two miles northeast from city." See advertisement on page 43.

Mr. E. D. Keasy, of Wiota, Iowa, writes as follows: "Please claim February 12th for my Poland China bred sow sale in The Homestead. My well-known boar, Contractor, winner at the Iowa and Nebraska State Fairs, that I recently purchased of Mr. George White, arrived home in the very best of condition and he will be used on the greater portion of the brood sows that I will offer in my sale. You can say to Homestead readers that they will have an opportunity to buy some of the best sows of the breed in my sale and they will be bred to prize-winning boars."

Mr. H. S. Allen, of Russell, Iowa, breeder of Duroc Jersey swine, writes: "We still have some big-boned, good-bodied Top Notcher Again and Leatherstocking 2d boars for sale. They will weigh from 200 to 300 pounds, March farrow and some of them carry quality enough to head good herds. We also have the big yearling Long Notcher by Top Notcher Again for sale, as we cannot use him any longer. This boar won seventh in senior yearling class at Iowa State Fair. He has mammoth size, will weigh 650 pounds and has a nine-inch bone. He will make a 900-pound hog when fully grown. Some breeder that wishes to add size to his herd will find a bargain in this hog at \$50. We have March boars for both farmer and breeder at bargain prices." See advertisement on page 46.

Mr. U. G. Davidson, of Manson, Iowa, owner of Crimson Wonder I am, and breeder of Crimson Wonder Again, both sweepstakes boars, writes: "My boar lot will soon be in full bloom. Boars are coming on finely and the prospect looks even better than last year. Among recent visitors of the herd was Mr. S. G. Collicott, of Lake City, Iowa, who purchased a yearling son of Crimson Wonder I am. This boar was one of the six best prospects in the herd last season, and if fitted for the show, would probably have been at the top with the other Crimson. Mr. B. C. Moats, of Polk City, Iowa, also visited the herd; he purchased two boars sired by the old Monarch, and they were not the poorest pigs in the bunch, either. Please say to the parties who write me for prices that they are not to get scared and think the pigs have no quality because the price I ask is not equal to the value of a 160-acre farm. Parties who visited the herd last season, also parties who purchased on mail orders, seemed to find plenty of quality, and I have fully as many high-class in the herd this year. All breeders in search of good goods are urged to come and inspect my herd." When writing Mr. Davidson mention The Homestead. See advertisement on page 46.

Mr. Clyde H. Smith, of Riceville, Iowa, whose new advertisement of Duroc Jersey swine appears on page 45, writes: "These pigs I am offering for sale are the best lot I have ever raised and I have been breeding registered Duroc Jersey hogs for eight years. After visiting seven of the best herds of Durocs in northwestern Iowa, I failed to find a better bunch of pigs than my own. The dams of the pigs I am offering for sale are by Clover Leaf Hero, he by Waneta Hub; Advance Boy, a full brother to Proud Advance; Jumbo Jack, Nero, Denver Jr., Reliance and other good boars. I prefer to have prospective purchasers visit and inspect my stock, and I never have any trouble to please buyers who look at my herd. Careful attention is given mail orders and I have never had a complaint from a pig shipped on mail orders in the eight years I have been in the business. I have many letters from appreciative buyers. My prices are low considering quality and breeding. I have lately purchased a son of Iowa Notcher, winner of first at Des Moines, Hamline and Sioux City fairs. He is out of a sow that was three times a winner. I also bought a pig out of a full sister to W.'s Choice, the sow that won first and sweepstakes at Sioux City in the two-year-old class. I will book orders for gilts bred to either of these boars at prices that are right."

Mr. C. F. Shaffer, of Wellman, Iowa, one of the leading breeders of Poland China swine and Short-horn cattle, writes that business is brisk, having made the following sales recently: Male pigs to D. E. Bush, Washington, Iowa; Godfrey Sommers, Kalona, Iowa; A. Faulkner, Wellman, Iowa; Louis F. Hess, Amana, Iowa; John Scheib, Wellman, Iowa; Middle Amana Society, Amana, Iowa; A. A. Aller, Keota, Iowa; Chris Bockhorst, Kalona, Iowa; L. J. Derby, Rubio, Iowa; W. D. Augustine, Keota, Iowa. Mr. Shaffer has on hands about forty head of March, April and May boars. They have good length, good hams and shoulders, are on short legs and have nice black coats of hair, with nice heads and ears. These pigs are sired by his two great herd boars, G.'s Perfection Jr. 89471, and Black Chief 99855. He also has a choice lot of young bulls, six to ten months old, all deep reds, sired by his prize bull, Laurel Knight. These bulls are of the low-down thick-fleshed kind, with well-sprung ribs, straight, level backs, with

fine heads and horns. Mr. Shaffer sold last week the six months old Scotch calf to Mr. Jno. Olinger, of Keota, Iowa. Mr. Olinger has secured a fine animal to head his herd, as he has the making of a show bull. Mr. Olinger has visited a number of herds and expressed himself more than pleased with his purchase. Write Mr. Shaffer for prices and pictures of his herd bull and boar.

Mr. B. C. Marts, of Polk City, Iowa, in furnishing copy for his Duroc Jersey sale advertisement which will be found on page 34 of this issue, writes: "The pigs that I am going to offer for sale are doing nicely and some extra good ones will be sold. The sale will occur on October 26th and the offering will consist of twenty males and twelve gilts, sired by such hogs as Keep On 2d, Proud Advance, Golden Rule, Col. Perfection, Model Jim, Joe Patten and Park Lad. Catalogs are ready and can be had for the asking."

On Monday, October 15th, Mr. Claud Huffman, of Scranton, Iowa, will make a public sale of forty head of Duroc Jerseys at his farm, five miles southwest of Scranton, Iowa. There will be twenty-two spring boars, sired by Larchwood's Echo 40415, and he will also sell this same boar in the sale. He sells ten spring gilts and a number of brood sows with litters. He has reserved the best for this sale and in fact has not sold anything out of the herd. Mr. Huffman is a young man who has gone out and has bought some of the top sows and, being a good care taker, he now comes forth with a crop of pigs that would be a credit to many of the older breeders. Cols. Luther & Son will cry the sale and will be pleased to handle any mail bids sent them.

Messrs. Isaac A. Novlinger & Sons, of Kirksville, Mo., write: "We have just completed thrashing for this year and have our granary bins full. Our crops are good, considering the dry weather we had this spring. Our hay crop was some lighter on account of the drouth, but made one and one-half tons to the acre; our oats thrashed out forty-two bushels to the acre of first class quality; our rye made twenty bushels to the acre, and our millet thrashed out thirty bushels to the acre. The millet was very heavy and will, we believe, make two tons per acre after thrashing. Our corn, all over the seventy acres, at least, will go sixty-five bushels to the acre. We call this pretty good for a dry season. Now if land that grows such crops in a dry season would suit some of your readers, let them come to see us at once, as we are advertising some of this kind of land. It is located adjoining one of the best towns in northern Missouri and for good schools this locality is surpassed by none. This is certainly a great advantage; let us educate the boys and girls, live close to a good market, have rural mail routes and telephones and good roads. This is in fact the garden spot of northern Missouri. A crop failure is unknown in Adair county. Now if any of the readers of this paper want good land at half what it sells for in Iowa or Illinois, quality and location considered, they will have to hurry, as procrastination is a thief of time. Our Short-horns and Poland Chinas never looked better. We have some very choice Cruickshank bulls ready to go to head some good herd. Write us your wants, if interested, or come and see us and do not fail to mention this paper." See advertisement on page 25 of this issue.

GOOD SHORT-HORN BULLS FOR SALE.

Messrs. G. P. Tyrrell & Son, of Oxford Junction, Iowa, are offering four good Short-horn bulls for sale on page 34. These bulls are splendid in conformation and are richly Scotch-topped. Three are reds and one very choice roan of the Nelly Bly or Lady Elizabeth family. Note the page and write them if interested. This firm are thoroughly reliable and will do just as they agree to.

PIONEER SHEEP BREEDERS.

Messrs. Daniel Leonard & Son, of Corning, Iowa, are pioneer breeders of Shropshire sheep, having bred them for over forty years. They have improved their flock from time to time by importing the very best rams from Canada and England. They always have a splendid bunch of rams for sale and can sell an excellent bunch of ewes. If you want a ram or a few ewes it will pay you to write these well-known breeders and kindly mention The Homestead.

REGISTERED STALLION AND JACKS FOR SALE.

On page 34 will be found the advertisement of Mr. L. Sheets, of Carson, Iowa, who is offering registered stallions and Missouri-bred jacks for sale. He has one Hambletonian and one Morgan stallion, and five jacks for sale, also a bunch of twenty-five good mares. He will trade these for land and would entertain a proposition for a registered draft stallion. Write him and mention that you saw the advertisement in The Homestead.

THE ONLY HOG AND SHEEP WATERER.

Now that winter is approaching is the time for farmers and breeders to think of stock waterers. One of the most simple, durable and reliable tanks on the market is the Only Hog and Sheep Waterer, manufactured by the Only Manufacturing Company, of Hawarden, Iowa. This waterer is guaranteed to run in freezing weather and the manufacturers say that they stand behind their guarantee. The waterer was shown at the leading fairs this fall and was pronounced by stockmen to be all that they claimed for it. Write the above firm for prices and testimonials.

BIG-BONED CHESTER WHITES.

Elsewhere in this issue will be found the announcement of Mr. A. A. Hummer, of Keswick, Iowa, who breeds the large-boned, lengthy, deep-bodied type of Chester Whites that is so much sought after by the leading farmers of the West who are endeavoring to increase the size of their swine. A Homestead representative recently inspected some of the Pioneer blood that is strongly represented in Mr. Hummer's herd and found that the Pioneer strain is one of the largest and most growthy that we have seen in the middle West. Mr. Hummer has an unusually large supply of pigs for this year's trade, of March, April and May farrow. Length, size, heavy bone, good, short heads, with short, stubby feet, are some of the prerequisites on which Mr. Hummer has laid great stress in building up his Chester Whites to their present

"MACBETH" is the sterling mark for lamp-chimneys.

You can't get a poor lamp-chimney with my name on it.

MACBETH lamp-chimneys fit, don't break from heat, and are so shaped that they get the most light from the oil consumed.

All lamp-chimneys break. Mine break only when they are dropped or knocked over.

My Index is free.

Address, MACBETH, Pittsburgh.

standard. Homestead readers in need of a Chester White boar of the above description can find it at a very reasonable price by addressing Mr. A. A. Hummer, Keswick, Iowa.

DISPERSION OF WOODLAND SHORT-HORNS.

Every reader of this paper interested in Short-horn cattle should look up the announcement of Mr. W. I. Wood, of Williamsport, Ohio, and send for illustrated catalog at once, kindly mentioning this paper. The catalog is profusely illustrated with photographs of many of the cattle to be sold and is worthy a place in every home. Plan to be present sale day.

BIG-BONED DUROC JERSEY FIGS.

On page 34 will be found the advertisement of Messrs. G. P. Tyrrell & Son, of Oxford Junction, Iowa, offering some exceptionally choice, large-boned, cherry-blond boar pigs and gilts for sale. The exceptional offering of Duroc Jerseys from this breeding establishment is worthy of investigation. This is unquestionably the best offering that this firm has ever been able to put on the market. They are using a boar secured from the Iowa Agricultural College which has proven a ten-strike on the Tyrrell herd. Farmers' prices only are asked. There are eighty head to select from. THE CHAMPION DUROC SALE CIRCUIT.

Four of the good Duroc breeders of Illinois, Messrs. McNeil Bros., of Bowen, Ill., Fagan, Browning, Hess & McCabe, of Hersman, Ill., Ed. A. Baxter, of Pawnee, Ill., and Fred Kraschel & Son, of Macon, Ill., have selected October 30th to November 2d inclusive, as the dates for their annual public sales. Each herd is headed by a prize-winning boar. Each herd consigns nothing but top stuff. Every reader of this paper interested in Durocs should arrange to be present at each and every one of these sales if in the market for choice breeding stock of either sex. In our issue of next week we will have something to say regarding each offering, but would advise our readers to write for catalogs at once, kindly mentioning The Homestead, and arrange to be present during the week of these noted sales.

HUNTER & SMITH'S JERSEY CATTLE.

Messrs. Hunter & Smith, of Beatrice, Neb., the prominent breeders of A. J. C. C. Jerseys have a new advertisement on page 41 in which they are offering young bulls got by Emanon, the champion Jersey bull at the Iowa State Fair and Sioux City Exposition last year and grand champion at National Dairy Show at Chicago, Ill., Iowa and Minnesota State Fairs this year. Here is an opportunity to get the blood of one of the greatest Jersey sires in America. The calves are out of imported and St. Lambert cows; all the heavy-milking stock and regular workers. A few females, cows and heifers, will be priced reasonably for the quality. No firm of breeders in America are in better position to furnish high-class Jersey cattle than are Messrs. Hunter & Smith. Write them, mentioning this paper if wanting either bulls or females. They have the goods and will take pleasure in showing their herd.

F. W. AKERS' SALE OF POLAND CHINA HOGS.

Mr. F. W. Akers, of Laurel, Iowa, will sell on October 16th, at the new pavilion in Laurel, a very select lot of Poland Chinas, some thirty-five head, on the same day of his Short-horn sale. We shall not attempt to enter into detail concerning this beautiful consignment of Poland Chinas further than to say that the very best and most prominent blood lines of the present modern Poland China will be found in this offering. We will dwell for a short time on the character of the present herd boars. One of them is O. K. Perfection, sired by Perfection Bloom, which is more than a half brother in the blood of Chief Perfection 2d. His sire was Chief Perfection; dam Lady U. S. 1. O. K. Perfection's dam was Cisco Lady by Illinois and he by Chief Perfection 2d. Another of the herd boars is Sunshine Chief by Chief Sunshine. Sunshine Chief's dam was Sunbeam's Gem, she by Black Chief and her dam by Chief Perfection 3d. The third herd boar is Harris' Perfection, a double great-grandson of Chief Perfection 2d and Ideal Black U. S. with a cross of Hands Up thrown in for good measure. There is a nice lot of young boars and gilts consigned to this offering. A number of the offerings are out of ancestors that have won prominent prizes, not only at the Iowa State Fair, but at the Omaha Exposition and other prominent shows. The blood lines of the sows from which these hogs descend are fully equal to the herd boars previously mentioned. Mr. Akers cordially invites the swine men to come early and review this stock in plenty of time so that they may thoroughly understand the offering, and he accords them that hearty welcome that all breeders of registered

stock extend to each other. The catalog will be sent on application by saying you saw this notice in The Homestead.

CHAMPION HERDS OF CHESTER WHITES

The Chester White herds of Messrs. Humbert & White, of Nashua, and New Hampton, Iowa, represent prize-winning stock at the leading state fairs of the year, as well as many years past. In another column in this issue will be found the record of their winnings at the Illinois State Fair last week. Naturally they took the lion's share of the premiums and have some extra good stock for sale, mostly sired by their herd boar, Combination. If you want good breeding stock it is well to buy from this firm, as they have shown successfully at the leading fairs for several years and in every case have taken the major portion of the premiums shown for. Write this firm at once for prices and descriptions, kindly mentioning The Homestead and watch for further particulars in our next issue. Their advertisement is on page 34.

JACKSON'S DUROC JERSEYS.

No breeder of Duroc Jerseys in this country has met with more success in the show rings than has Mr. Ira Jackson, of Tippicanoe City, Ohio. Readers of this paper are familiar with the prizes which this herd won at the Iowa State Fair. On another page of this issue will be found the report of the Illinois State Fair, where Mr. Jackson was again successful. One of the pleasant features of the show was the fact that much stock shown came from the herd of Mr. Jackson. On page 34 of this issue his announcement appears, in which he is offering forty hogs for sale by Orion Chief and Kruger and out of sows by Kant Be Beat, Chief Surprise and Col. Finch. If in need of an extra good boar related to prize winners at Illinois and Iowa State Fairs write at once to Mr. Jackson as per the advertisement, kindly mentioning The Homestead. Further particulars regarding this good herd will appear in later issues.

MANLEY & CO.'S DUROCS AT ILLINOIS STATE FAIR.

On page 10 of this issue will be found the report of the Duroc show herd at Illinois State Fair last week. One of the best exhibits on the ground was that of Messrs. M. H. Manley & Co., of Lyons, Neb. Breeders were much pleased with stock shown by this firm on account of the size and bone combined with the quality which has made this herd famous throughout the entire country. While the judge did not as a rule favor this type, the breeders present were unanimous in expressing their opinion in praise of this herd. Duroc breeders should follow the example of Messrs. Manley & Co. and strive to secure size and bone and quality. On account of the recent floods the day preceding their sale Messrs. Manley & Co. now offer for sale the entire lot as cataloged, which includes a number of sows bred to Junior Jim, the second prize boar at Iowa State Fair. Visit this noted herd and make your selections.

HIGH CHIEF DUROC SALE.

Readers of The Homestead interested in Duroc Jerseys will do well to secure the catalog of the High Chief Duroc sale, of Mr. H. E. Watson, of Edinburg, Ind. High Chief was a prize winner at the World's Fair and is a son of Ohio Chief, one of the best hogs the breed has ever produced. Mr. Watson has selected for this occasion twenty fall yearling sows sired by this great boar; five spring yearling sows and four fall boars by High Chief; one yearling sow by Sure Winner, four spring boars by Top Nother Chief, and a few select yearling sows and boars by American Chief and Harrison Chief. We take pleasure in recommending this lot of hogs to our readers. The opportunity should not be overlooked to secure the blood of the noted High Chief and breeders throughout the middle West will do well to secure one or more of this lot of High Chief yearlings as attractions for their brood sow sales. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Watson, will be properly handled. Write for catalog at once as per the advertisement on page 38 of this issue, kindly mentioning The Homestead, and arrange to be present at Edinburg, Ind., on Saturday, October 20th.

LAST CALL FOR G. VAN PATTEN'S DUROC SALE.

"Down where the good ones grow," was our head line to a field note last week and we headed it that way simply because it was the fact about this gentleman's herd. He grows the good ones at Sutton, Neb., and on October 18th you will have an opportunity to inspect as strong a lot of Durocs as this veteran breeder has offered in any sale. He has selected some choice hogs of spring farrow sired by such noted boars as Billy K., Beauty Wilkes and a few by a son of Billy K. The Billy K. got won fourteen ribbons at the Nebraska State Fair this fall and some of these will be included in the sale. About as choice a sow, or rather gilt, to be offered is No. 34 in catalog. She was sired by Billy K. and out of Miss Morton 1st. She was second at Iowa State Fair this year and her litter sister, No. 35, was also a winner at Nebraska with No. 34. Both are choice gilts that are worth long prices. They are the kind that go out and raise good litters and then fit readily for the fairs. These two gilts should bring good money and should be purchased by some up-to-date breeder who will give them the care they deserve. Mr. Van Patten has them in good condition and they should be treated so for future good. Nos. 38 and 39 are two litter sisters that are good. They are sired by Billy K. and out of Lady May. In the boar lot we find No. 1 marked as a winner and the deed was done at the Iowa State Fair where a strong class was exhibited. He was sired by Beauty Wilkes and is possibly the best boar included in this sale. You can imagine what he is if he was good enough to win at Iowa. Several other choice boars sired by Beauty Wilkes are included in the sale. You can rest assured that you will get your Durocs in the best of condition and as to reliability of the breeder we need not speak as every breeder as well as farmer who reads has heard of this well-known herd

of Durocs. His hogs have won recognition wherever shown and we believe his herd is as strong as any in the state today. The writer inspected the herd recently and was very much surprised to find his sale stock in such good condition. They are just right to go out and do the buyer good. One of the bargain sales will be the one mentioned and one of the snags will be the two-year-old boar sired by Forty Kings. This hog should go into some good herd. He will please anyone looking for a large, roomy fellow. Look him up in the catalog and see what Mr. Van Patten says about him.

THE BIG TYPE OF POLANDS.

Mr. J. T. Elerbeck, of Beatrice, Neb., has as choice a lot of pigs as you will find in any herd. These pigs have bone and growth galore. If you want a herd boar from large, roomy sows and sired by Logan B., he by the great Logan Chief, you should write Mr. Elerbeck at once. He also has some choice ones sired by a son of King Do Do. We believe this herd to have as strong an offering as you will find any place in way of good herd headers. It is worth your time to write for prices. You can buy them worth the money as well. Look up his advertisement on page 43.

SPECIAL PRICES ON POLAND CHINA BOARS.

On page 43 will be found the advertisement of Dr. H. Pritchard, of Wisner, Neb., who has 100 head of extra good Poland China hogs for sale. These are sired by Big Tom 2d, his 1,000-pound boar; Wisner Chief, one of the best sons of Chief Tecumseh 3d; Perfection Keep On and Black Joe. These hogs are the kind that have size and finish and are a splendid lot of well-developed fellows. The largest will weigh about 175 pounds and all are spring hogs. The doctor has over 300 head on hand and he can furnish a car load of hogs and sows or he can furnish a car load of each and he will make it an object to the man that will take them in bunches. We know of no place where a man can get a better bargain than of Dr. Pritchard. He has a grand lot of good brood sows in his herd and he has as good a bunch of hogs as will be found anywhere. It will pay anyone who is wanting a boar or a bunch of hogs, or a few good sows to call and see him at once. This offer is good only for the next thirty days.

O. I. C. PRIZE WINNERS AT AUCTION.

Breeders of the O. I. C. hog who are hunting material to add to and improve their herds should remember the O. L. Kerr sale to be held at Independence, Mo., on Friday, November 2, 1906. Mr. Kerr, by his energy, his study of the breed and his desire to promote the white hog industry has done as much for the breed as any one man in America. He is one of those men who realize that there is room at the top, and were there more men like Mr. Kerr breeding the O. I. C. it would not be long before we would see as many O. I. C. hogs on the farms of the Missouri valley as we see of the other breeds. Some say the O. I. C. does not do as well as others breeds, but there is where they make a grave mistake. Take a trip to Mr. O. L. Kerr's, at Independence, Mo., on November 2d, and he convinced that the O. I. C.'s bred by him will grow to as many pounds in the same number of days as will any of the breeds and under no more favorable conditions than are found on other hog farms of America. The writer has, within the past two years, made several trips to Mr. Kerr's farm, and the improvement in the O. I. C.'s seen there show that Mr. Kerr understands the breeding business. The blood of the World's Fair winners has been intensified, more quality is seen and the size and prolificness have been maintained to a degree that is most pleasing. At the Missouri State Fair last week Mr. Kerr exhibited about twenty head. More honors were added to his already good winnings, and this week these same hogs will be shown at the American Royal, and next week we will give the



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THE NAME OF EVERY PERSON WHO OWNS A HORSE

WHAT is out of condition or sick. If you have one that won't eat well, has distemper, or a cough, has become lifeless and lacks "go," looks bad, or has anything wrong with him, we want the chance to cure him for you. Just write us, telling what's the matter and we will send you a bottle of

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On trial. Use it all and if it fails to benefit, it won't cost you one single cent. We mean this and our guarantee is as good as a gold bond. If it does improve your horse's trouble, you pay us after you are satisfied of it. Isn't that fair? Write us about your horse. You don't have to buy. We will tell you free what to do for him. Address,

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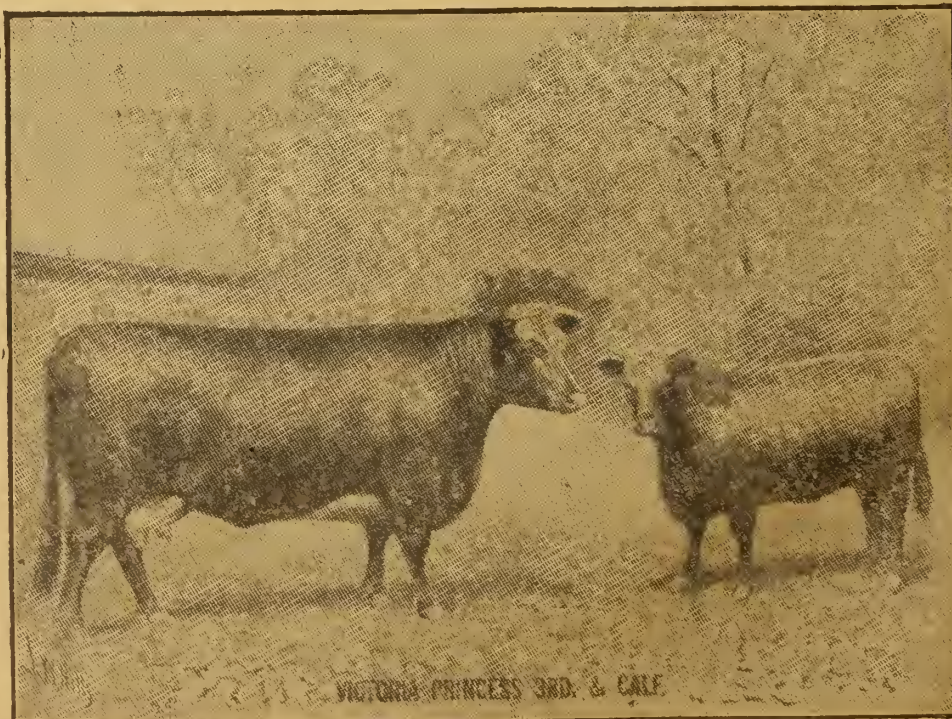
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living sire. Morrison's Bell Top comes in for his credit as he will have some choice ones in the sale that are really good. This hog is out of the great Nebraska Belle. There will be several related to the great Crimson Wonder and some sired by Pericles. The offering will be far stronger than any previous offering sold by this firm. The sows included



A richly bred Cruickshank Victoria cow and heifer calf included in the dispersion sale of C. E. Townsend, Anita, Ia., October 25th.

PILES

FISTULA--NO MONEY TILL CURED

L. T. Brooking, owner of grain elevator, Funk, Neb., writes under date of August 22, 1906: "I suffered for 20 years with severe rectal troubles; was operated on by specialist, securing only temporary relief. My case was ulceration, fissure and contraction. The cure at your institution was complete, and I have no fear of a recurrence of the trouble."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.
Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....
Town..... State.....

are of fall and spring farrow and the fall sows are good, strong individuals with plenty of size and quality and lots of good color. Tho gilts have made a very good growth in the last few weeks and today they are looking their best. One of these royally bred gilts bred to Kant Be Beat would figure out something on the sensational order if the dope is correct. The sale will be held at the farm on the Street Car line, cars leaving Lincoln every forty minutes. Headquarters at Hotel Royal, located at Fifteenth and O streets, Lincoln, Nebr.

GOOD FIRE-ARMS.

On page 3 of this issue will be found the advertisement of the Marlin Fire-arms Company, of New Haven, Conn. This company make a rifle weighing three pounds eleven ounces, with a twenty-inch barrel, which sells for \$12.50. Their rifle with a twenty-inch octagon barrel sells for \$13. Their twelve-gauge, take-down, twenty-six, twenty-eight, thirty or thirty-two inch barrel, six shots, weight six and seven-eighths to seven and a quarter pounds, sells for \$38.50. This is a heavy barrel of special smokeless steel and is of the very finest quality obtainable. Some neat folders have been prepared by this company illustrating and describing their rifles. These will be sent on application. Address the Marlin Fire-arms Company, New Haven, Conn.

SECKMAN'S CLOSING OUT SALE OF DUROC JERSEYS.

One of the most important Duroc Jersey sales of the year is that of Mr. Geo. W. Seckman, of Ripley, Ill., which will be held on Wednesday, October 24th. The reputation made by this herd is too well known to comment upon. Everything goes, as Mr. Seckman has determined to close out his entire herd. This gives to breeders of the central West an unequalled opportunity to secure the best this famous herd affords. It is only in dispersion sales that breeders are given the opportunity to secure the brood sows and herd boars which have produced the kind of stock which have made this breed famous. Mr. Seckman refused tempting offers for some of his brood sows, but solely because he had determined that once he advertised a closing out sale he would not sell his best sows and offer breeders the culs. Mr. Seckman says the following of his herd in making announcement of this sale: "The Gold Dust herd has shown through our great State and World's Fairs for the past twelve years, and made a record that will stand as a towering monument for it. At the great St. Louis World's Fair in the best show ever seen of the breed, where I met all the best herds in America and in open competition with those herds, I won on eight head of hogs twelve prizes, including champion boar and grand champion on Tip Top Notcher, that recently sold for \$5,000, and champion herd of Illinois—a record never equaled by any breeder in America." Two herd boars, Ohio Chief 2d, a son of the noted World's Fair boar, Ohio Chief, and Silkworm, a son of Oom Paul 2d and out of Dotie, the grand champion sow at the World's Fair should interest all breeders in search of herd boars of show-yard type and individuality. In our next issue we will have more to say regarding this noted sale. If you are not on Mr. Seckman's mailing list, write at once for catalog and plan to be present at this, the most noted Duroc dispersion sale of recent years. A special train, after the sale

of Mr. T. E. Laurie on Tuesday at Jacksonville, Ill., will give breeders an opportunity to get to Mt. Sterling the evening before the sale. Bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled if breeders find it impossible to attend in person. Get catalog at once. It tells the story. Mention Homestead when writing.

F. A. KRUSE HAS CHOICE DUROCS.

On page 47 of this issue will be found the advertisement of the above named gentleman located at Waco, Neb. Mr. Kruse has recently purchased a new herd header to assist in the herd. This pig is sired by Chief of Chief and out of Gold Dust Beauty. Golden Chief is one of the good ones found at the state fair this fall. Mr. Kruse has such blood as Improver 2d, Teddy R., Jay's Perfection and Lucky Boy represented in his herd. He is pricing his hogs worth the money and you will find bargains. Write him today.

THE NORTHERN NEBRASKA DUROC JERSEY SALE CIRCUIT.

The opening gun in the Northern Nebraska Duroc Jersey sale circuit will be fired at the home of Messrs. M. S. Moats & Son, of Randolph, Neb. This firm was out at the fairs for the first time this year and the way they went after the ribbons was an eye opener to some of the old timers in the show ring. Their offering will be very largely sired by Duroc Challenger's Wonder, a son of old Duroc Challenger and a winner at both the Nebraska and Interstate fairs this year, and by Crimson Critic, a winner of second prize in the yearling class at the Nebraska and third at the Interstate fair this year. He is a son of the noted prize winning boar, Glendale Critic, also a leading winner at the Iowa and Nebraska State Fairs and also at the Interstate fair in 1905. Another boar used in the herd and the sire of some of the stuff in the sale is Chimes Advance, a son of the noted boar, Proud Advance. It will be an offering throughout such as has never before been made in this section of Nebraska and it will pay the best breeders to attend their sale. Among the number that they are selling is a matured sow called Beauty Moats with a litter by Chimes Advance, and there will be two other good sows with litters in the sale and seven matured sows will be sold, open. Here is a good chance to get some good sows at the buyer's price. Some extra good fall boars will be offered for sale, and will doubtless find ready sale, as yearling boars are scarce and the demand for this class seems to be growing each year. One dandy fall boar that should go to head some good herd is by Cherry Boy, by Oom Paul's Baby by Oom Paul, and the dam of this pig is Young Edith by Orion. Here is breeding to suit any one and the boar is as good as his breeding would indicate. We will tell you more about him next week, so don't forget him. The spring boars are a uniform, growthy lot, and some of them will make herd headers of the first rank.

MILLER AND BLACK, AT RANDOLPH, OCTOBER 17TH.

Into this combination sale will go some very good spring and fall Duroc Jersey boars, as well as some good, useful sows. Most of the pigs in Dr. Miller's offering are sired by Duroc Jim, a grandson of old Orion. This is a smooth, well-made boar, and has sired some good stuff for Dr. Miller. Another good boar in use is Long Challenger by Duroc

Challenger's Redeemer, and several litters by this boar will be sold in the sale. Two good fall boars by Duroc Jim and out of Medina II, by Duroc Reformer are worth looking up. They are Nos. 25 and 26 of the catalog. Three good yearling boars are sired by Ponca Valley Chief, a son of Red Chief I Am. This is something good, and the dam is by Liberty Boy, a Bowman & Fletcher-bred boar. Look these up on sale day. Some good spring boars are by Duroc Challenger's Wonder, which was a prize winner at Lincoln and Sioux City this fall. At the head of Mr. J. W. Black's herd of Durocs is the good boar, Critic's Wonder by Glendale Critic. His dam is Moat's Choice by Gold Dust Jim. This is surely the best of breeding, and the boar is a splendid individual. Look him over carefully on sale day. Mr. Black has a dandy litter of Junior Jim pigs and he is putting in four boars that are hard to beat. They are sired by Junior Jim and have for dam Lady of Mt. Pleasant by Orion. These pigs are good enough to go into any herd and should not be forgotten. A dandy March boar by Chimes' Advance and out of Daisy Profit by Dandelion, will go in the sale. There is also included a good spring boar by Stut's Wonder. This sale will be a splendid opportunity to buy some of the best stuff at a fair price, and we urge our readers to write for a catalog and attend this sale.

THIRD DAY AT W. C. HOLMES' ORMOND, NEB.

On Thursday, October 18th, Mr. W. C. Holmes will sell a draft of thirty-five spring and fall boars from his herd headed by Duroc Challenger's Redeemer. This boar is a son of Duroc Challenger, as his name would imply, and he shows many of the traits that are common to the sons of the old sire. He has great spring of rib, a splendid arched back, a full ham and heavy bone. He is very smooth on the sides for so large a boar, and has a very neat head and ear—much better than is usually found on a herd boar of any breed. Another good boar assisting this one in the herd is by Young Orion, and has for dam Lady Kruger by Long John. The dam of Lady Kruger was Kruger Belle by Red Chief I Am. This is certainly breeding to suit, and this ought to make a good herd boar. Mr. Holmes will offer six head of fall boars, mostly sired by Stut's Wonder, a boar formerly owned by Mr. Holmes. Look up these fall boars when you go to the sale. Mr. Holmes will also sell a good lot of spring boars in this sale.

LAST CALL FOR THE F. A. SCHAEFER & SON'S SHORT-HORN SALE.

At Raleigh, Iowa, on October 17th, Messrs. F. A. Schaefer & Son will sell a draft of fifty head of Scotch and Scotch-topped cattle, and it will be an offering that any of our breeders can make good selections from. In previous issues of this paper we gave in full detail the breeding of many of the cattle that will go in this sale, and we believe that those who are interested have already secured one of their catalogs. It is not out of place, however, to call the attention again to the imported cow, Cella 9th, and Duchess of Gloster 47th, that will be sold in this sale. Besides these there will be a number of richly-bred Scotch heifers and some very good cows. The Scotch families will be best represented by the Duchess of Gloster, Orange Blossom, Gwendoline and Miss Ramsden families. There

will be about ten bulls in the sale, among which will be one of their Scotch bulls, Bridal Archer and a son of Choice of Archers. The latter is red in color, of the low-down, blocky, thick-fleshed sort, and is a bull that will meet with considerable favor with buyers on that occasion. If you have not already sent for a catalog do so at once and mention The Homestead when writing.

SONNELAND SELLS DUROCS OCT. 13.

The get of the famous World's Fair sweepstakes winner, Tip Top Notcher will be sold in the sale of August Sonneland at Harlan, Iowa, on October 13th. He also sells the get of Tip Top Notcher Chief 2d and Fancy Orion Chief. The Duroc Jersey breeder who has been in search of this famous strain can now get it near home instead of going away back East, and there will be abundance of it in the Sonneland sale. He will sell Tip Top Echo, a yearling boar by the great Tip Top Notcher, and a boar that has been used at the head of his herd. Mr. Sonneland has reserved so many daughters of this boar that he is compelled to sell him. He is a good breeding boar and some enterprising breeder will have an opportunity to pick up a well bred hog in this sale. Last winter Mr. Sonneland went East and secured some of the very best sows bred to Tip Top Notcher and that is how he now happens to have boars for sale by this famous sire. If you want some of this noted prize winning blood it will pay you to go to the Sonneland sale at Harlan, Iowa, on October 13th.

LAST CALL FOR THE WEHR DUROC JERSEY SALE.

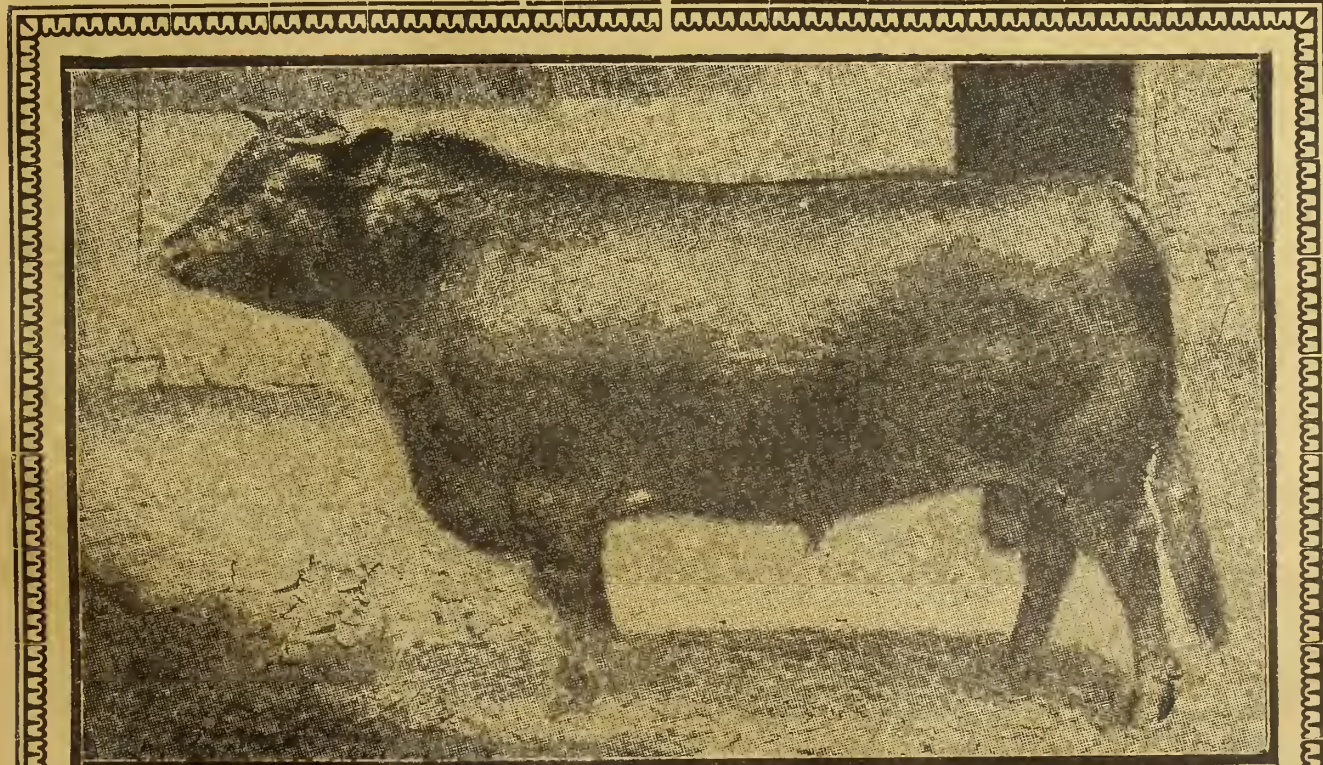
Forty head of Duroc Jerseys will be the number that Mr. J. E. Wehr will sell in his sale at Portsmouth, Iowa, on Saturday, October 20th, and these will be the cream of this year's crop. Everything has been reserved for this sale, so that those who attend will have an opportunity of securing the tops of his herd. There will be twenty-five spring boars in the sale, fifteen gilts and a few good brood sows, some of which will have litters. He will sell Proud Advance Again, the boar that won first at Minnesota and third at the Interstate Fair, and he will be the kind that many a breeder can use in his herd. He is one of the most finished boars ever sired by old Proud Advance. All of the good things that Mr. Wehr showed at the fairs this fall will be included in this sale, and among the number will be some that are good enough to go anywhere. Mr. Wehr has been a good buyer and a good helper at many of the best sales and he hopes to have a good representation of breeders at his sale. Remember the date, October 20th, at Portsmouth, Iowa, and be sure to attend this sale.

SONNELAND'S CLOSING OUT POLAND CHINA SALE.

On Saturday, October 13th, at Harlan, Iowa, Mr. August Sonneland will close out his entire herd of Poland Chinas, composed of herd boars, brood sows and fall and spring boars and gilts. His herd boar is Tip Top Dude, a son of the noted boar, Winning Dude, first-prize hog at the Nebraska State Fair in 1904. This boar was shown at the Pottawattamie county fair in 1905 and won first, and also won second at the Shelby county fair, where will be found one of the best shows in the state among the county fairs. He is the sire of a great deal of the young stuff that will be sold in the sale. There are five litters by Hamilton's Perfection, a boar used in the herd of Mr. John Cox. This boar is a half brother to the great Mischief Maker, G's Perfection, Perfect Perfection, the sire of Keep On, and other noted hogs. He will also be sold in this sale to close up a partnership. There will be a Standard Chief 2d sow in the sale and a couple by Perfect I Know. Mr. Sonneland will hereafter devote his entire attention to the breeding of Duroc Jerseys, and therefore everything in the way of Poland Chinas will be disposed of. There will undoubtedly be some good bargains in this sale, because he never spared the price when laying his foundation for a herd.

MAHR'S POLAND CHINA SALE.

On Saturday, October 20th, at Corning, Iowa, Messrs. G. H. & J. L. Mahr will sell fifty-six head of Poland China boars, gilts and brood sows with litters, and we would call the attention of those who are wanting size and bone to this sale. There will be two tried yearling boars in this sale. One of these is Mahr's Perfection, a double grandson of Chief Perfection 2d. He is a boar with abundance of quality and is a good breeder. They are selling him because they are retaining his gilts. He is good enough to go to the head of most any good herd. The other yearling is Mouw's Chief, a son of Orange Chief by Chief Price and out of a daughter of Wonder 2d. In him we have one of the big kind, a wonderfully long hog with plenty of bone and a hog that will easily weight 900 or over when matured. He is thin in flesh just now, but the breeder who is looking for a big one will be able to get him in this hog. He traces in all his crosses to the big strains of Poland Chinas and therefore will fill the bill of a great many who are now wanting that kind of a boar. The boars and gilts are sired by Ideal Perfection, a son of Big Perfection, the boar that formerly headed the herd of Mr. Harvey Moats, at Villisca, Iowa; Move On 2d, a son of old Move On, and the two yearling boars referred to above that will be sold in this sale. There will be three daughters of Big Perfection in the sale and daughters of this well-known hog have always been in demand in this section of the state, because he was one of the best boars that has ever been used in southern Iowa. One of these sows is Queen Perfection and she is one of the best that has ever been in their herd and she is good enough to go into any herd. She will be sold open.



VICTORIA'S PRESIDENT 208996 OF MAINE VALLEY.

This noted Victoria Cruickshank bull heads the herd of Messrs. McKeever Bros., of Farley, Iowa. He was bred by Messrs. Jordan & Dunn, and is by Prince Nonpareil; dam, Victoria 87th by Imp. Craven Knight. His second dam was Imp. Victoria 81st by Gondolier; third dam, Victoria 77th by Dunblane. He is a bull of exceptional fleshing qualities and splendid scale. He was weighed when three years and eight months old and tipped the scale at 2,330 pounds, being then in just good condition. He has proven himself an exceptionally good breeder. Messrs. McKeever Bros. are now offering some extra good young bulls just turned a year old and sired by this herd header. Also a few cows with calves at foot or in calf to this bull.

There are several other good brood sows in the offering and some very choice gilts. The fall boars are good, growthy, heavy-boned, lengthy fellows, full of vigor, and the man that wants a hog that will get him an abundance of pigs will be able to get what he is after in this sale. They are also putting in the tops of their spring boars, so that anyone who wants a spring pig can get them in this sale. Write Messrs. G. H. & J. L. Mahr, Corning, Iowa, for catalog and then go and attend the sale.

DR. ALEXANDER ON HOG CHOLERA.

A new treatment for hog cholera, first suggested by Dr. A. S. Alexander, Professor of Veterinary Science at the University of Wisconsin, has proved successful in some cases reported from the West. It is being given a thorough test by a number of those interested in securing a remedy for this fatal disease, which appears to be quite prevalent this season. The treatment recommended is to use a solution of zenoleum as a rectal injection, while giving the affected hogs, or those which have been exposed to the contagion, a certain amount of full strength zenoleum in their feed. Of course good sanitary conditions, the rigid quarantining of affected animals, and a diet which will aid in restoring the digestive organs to a healthy condition, form an important part of this treatment. If you are raising hogs, write the Zenner Disinfectant Company, 31 Lafayette Ave., Detroit, Mich., for particulars regarding this treatment, which will be sent free to all applicants. Better do this at once so as to be prepared for emergencies, and stamp out the disease before it has a good start in your herd. See advertisement on page 15.

H. S. CHAPMAN'S GOOD OFFERING OF POLANDS.

On October 23d, Mr. H. S. Chapman, of DuBois, Neb., will sell about fifty choice Poland China pigs of March farrow. These have been inspected by a representative of this paper and we can say that we found them not wanting in any class. He has the large, roomy type with plenty of size and quality. They have strong backs, good heads and ears, good feet and bone. The boars are an exceptionally good lot to see. They are such as sell for themselves on sight. The strong sire, King Do Do by Expansion and out of Me Over Orion, is a hog of good size and well proportioned. The majority of the offering is sired by King Do Do. Some choice ones are sired by Long Fellow by Johnson's Chief. The hog was well named, owing to his extreme length and size. His pigs are very good. Mr. Chapman can be reached from Pawnee City or DuBois, Neb. The sale will be held at his farm. If you want good Nebraska Poland Chins try and attend this sale. The catalog is now ready. G. W. Segrist will attend this sale and any bid entrusted to him will be honorably handled. See page 35.

OVERHOLSER SELLS DUROCS OCTOBER 16TH.

The second day of the circuit, October 16th, is when Mr. L. L. Overholser will entertain the breeders and farmers at his farm near Diagonal, Iowa, with the best bunch of Durocs that he has ever offered at public sale. Mr. Overholser always sells good Durocs, but he never had such an offering, breeding and individuality combined, as will go through his sale ring on the above date. He will not make a brood sow sale, and therefore the cream of his boars and sows will be sold at this time. There will be a splendid litter by that noted boar, Proud Advance, and they have been well grown out, consequently will make desirable stuff to buy. He will have quite a bit of the get of Ring-leader and King Walnut in the sale. These two herd boars have been good sires in the Overholser herd and some of the highest priced stuff in his last sale was by these two boars. He will sell King Walnut in this sale. He is a son of the great sweepstakes boar, Improver II, and he is good for several years' service yet. There will be several Ringleader sows in the sale, also a nice litter by the old Iowa State Fair sweepstakes boar, King Perfection. There will be spring boars in the sale by Proud Advance Jr., Chicago Boy and Tom Watson Jr. All in all it is the best offering Mr. Overholser has ever made. Write for his catalog and mention The Homestead.

HECTOR COWAN'S SALE.

The fourteenth annual Short-horn sale of Mr. Hector Cowan will be held at his farm, near Paulina, Iowa, on October 23d. He sells forty head in this sale, twenty-three of which are Scotch cattle. The name of Hector Cowan has long since been identified with the very best of Short-horn cattle, and from his herd has come many of the best things that now hold prominent places in some of the most noted herds in the United States. His coming sale will be no exception to the rule, and he freely admits that he has never sold a better lot of Short-horns than he is putting into this sale. There will be thirty females and ten bulls in the offering. Eight of the bulls are straight Scotch. The Scotch families are represented by Miss Ramsden, Brawith Bud, Secret, Mysie, Undine and other Scotch tribes. There will be about ten daughters of Imp. Nonpareil in the sale. As a special attraction he has consented to put in Imp. Patience and Imp. Miss Law. The former is a low-down, blocky red cow, full of quality and good enough to go into a show herd next year. As an individual she is hard to beat. She is four years old and is in calf to Imp. Nonpareil. Miss Law is a large, broad-backed roan, and one of the best cows he has ever had in his herd. As attractions these two cows are hard to beat and no man will go wrong in buying them. The females will all be bred to Imp. Nonpareil, the bull that has stood at the head of the Cowan herd for several years, also to Anoka Archer, the young bull recently purchased of Mr. Frank Harding, and a full brother to the \$5,000 champion, Ceremonious Archer. He is putting in some likely young bulls. One of the best of these is a son of Victoria Baron and out of a daughter of Mysie's Chief. He also puts in a well-bred Mysie bull, a son of Aberdeen Chief. The offering is a good one, both from the standpoint of breeding and individual merit. The cattle have been on grass

all summer and fall, but they are in nice condition. In fact they are in much better condition than cattle usually are when not especially fitted for sale. Write for catalog and mention The Homestead.

THE MILLER POLAND CHINA SALE.

On page 34 of this issue is the initial announcement of the public sale of Poland China males to be held at Brooklyn, Iowa, on Wednesday, October 24th, being the property of Messrs. J. L. Miller & Son. This is the second Poland China sale held by these gentlemen, their first occurring last February, which was a decided success. The offering on October 24th is pronounced by Messrs. Miller & Son to be as good as any that will go in the sale ring this season. They have selected twenty fall pigs and twenty spring pigs, representing all the leading strains of the breed, and the boars are the kind the breeders have been asking for. They are a good, growthy lot, are in good breeding condition and there is not a pig in the bunch that is not right up on his toes, with extra good back and nice, glossy coat, which all breeders like to see. There are individuals in this lot good enough to head any herd, hogs that will make prize winners in the right kind of hands. Messrs. Miller will guarantee every pig to be a breeder with proper care. They sold thirty-two head last year, every one of which proved to be a breeder. There is not a poor-backed or poor-footed animal or an undesirable hog in the entire offering of forty head. Write for their catalog, which will be out about October 15th.

Z. I. GROUT'S DUROC JERSEY SALE.

One of the best offerings that will be made in the Southwestern Duroc Jersey sale circuit will be that of Mr. Z. I. Grout, at Tingley, Iowa, on October 17th. The boys should by all means arrange to attend the Grout sale, because he has an offering that is not only a credit to himself, but is also a credit to the Duroc Jersey breed. He is selling forty head in his sale, consisting of thirty-two sows and eight boars. If the boys want tops they will get them here. There will be ten crackling good Proud Advance sows in the offering, also seven choice gilts by the great state fair boar, Perfection Chief. There will be a Proud Advance spring boar in this sale that is one of the best males ever sired by that noted old boar. There will also be some good boars by Perfection Chief out of May Janice, winner of third prize at Des Moines in 1905. The Proud Advance sow that he showed at Des Moines and the one that took the eye of the breeders is looking better than when he showed her and she is a sow that would fit well in any herd. The offering in general is among the very best that will be sold this fall, and there will be things in his sale that breeders can double their money on. The boys cannot afford to miss the Grout sale, especially if they want the good ones. Write him at once for catalog and be sure to attend the sale.

REECE'S SHORT-HORN, CHESTER WHITE AND SHROPSHIRE SHEEP SALE.

On Monday, October 22d, at his farm near Prescott, Iowa, Mr. L. C. Reece, one of the best-known breeders in southern Iowa, will make a sale of twenty-four head of Short-horn cattle, forty head of Chester White hogs, and twelve head of Shropshire sheep. There will be seven young bulls in the sale, including the pure Scotch bull, My Choice. He is a son of Vermont, a bull bred by Mr. C. C. Norton and out of Imp. Carnation, the best cow in the Reece herd. This cow was imported by Mr. M. H. Cochrane, of Canada, and she was the highest-priced cow in the McAduff herd in 1904. This young bull has a right to be good and he is certainly bred in the purple. He is a good individual and is in nice condition. He should go to the head of some good herd and we hope that there will be enough breeders at the sale to look after him. A large part of the offering is sired by Vermont and represents such families as Ianthes, Josephines, Young Marys, Rose of Sharons and Dalmies. The cows will be bred to Sarcasm's Count, a son of Imp. Count Violet, and he is as richly-bred a Cruickshank bull as is to be found in the state. There will be several other young bulls that will be appreciated when sale day arrives. Some of the cows will have calf at foot. Mr. Reece is putting up a good offering of cattle and he says that he will not sell an animal in this sale that he does not know to be all right. He will sell forty head of Chester Whites, and the reputation of his stock and his herd stands second to none in this country. He has been one of the foremost showmen and has made all the leading state fairs, and he never fails to get his share of the ribbons, besides a few that the other fellow was looking for. Mr. Reece has possibly won as many ribbons on his Chester White hogs as any other breeder that shows at the Iowa State Fair. Speaking of his old hog, Prescott Boy, he says: "This is, I believe, one of the best two-year-old Chester White boars living—a large, massive fellow, with style and finish, has fine head and ear, good back, well-sprung rib, and has proven himself an excellent breeder, stamping his uniformity on his offspring. Buy a gilt or young boar sired by him to add to your herd; it will add value as well as quality. He was never equaled in the show ring, winning three grand championships last year and was the champion boar at the Iowa State Fair. A look at him sale day will convince any Chester White breeder that he wants some of his get." He is selling a grand lot of young boars in this sale; also some very choice gilts, and some very superior brood

sows. There will not be a Chester White in the sale that is not a prize winner or sired by a well-known prize winner, and it is an offering that is seldom made in the West. He will also sell twelve head of Shropshire sheep, nearly all descendants from an imported ram and an imported ewe. As Mr. Reece is closing out his flock of sheep it will be a good place to go and get a few well-bred Shropshires. He will be pleased to send his catalog to all those who ask for it. When writing kindly mention The Homestead.

LAST CALL FOR ISAAC'S DUROC SALE.

At Red Oak, Iowa, on October 17th, at the Stover Feed Yard, is where Mr. T. H. Isaac will sell a draft of fifty-five head of well-bred and exceptionally well-developed Duroc Jersey boars and sows. If there is any man that is entitled to a good sale, it is Mr. Isaac, and if there is any man that we would like to see have a good sale it is this same breeder. He is a man that never goes to another sale that he does not do some good and he is not a stingy bidder when he bids. However, it is not on these grounds alone that he is entitled to the patronage of those who are wanting Durocs, but it is because he has the kind of Durocs that the farmer and breeder is looking for. His present offering is sired by the following boars: Robert H. by Pilot Jr.; Belle's Red Chief, a son of Red Chief I Am and out of the great brood sow, Nebraska Belle; Educator, a son of Indicator; Hardy's Improver, a son of the sweepstakes boar, Improver II; Brighton Wonder, a full brother to the great Crimson Wonder, and a few by other boars. A representative of The Homestead has seen the Isaac offering and we take pleasure in urging farmers and breeders to attend the sale. We will assure them that not a man will be disappointed with his offering. As a feeder and a grower of pigs he has few equals and his pigs have plenty of stretch and lots of bone. He is putting in the best he has, several of which he has shown at the fairs this fall and won premiums on. Write him for catalog and kindly mention The Homestead.

HUMBERT'S PERCHERONS.

On page 34 of this week's Homestead will be found the advertisement of Messrs. L. H. Humbert & Son, of Corning, Iowa, one of the best-known horse importing firms in the state. Their twenty-seventh importation of Percheron horses arrived direct from France about the middle of September and they brought over some two, three and four-year-olds, as good as have ever crossed the waters. They are nearly all blacks, one or two splendid grays being among the number. The junior member of this firm always selects his own horses, and being a native of France, does not need the service of an interpreter. They are therefore enabled to save this expense and in turn are able to give the buyer the benefit. They have about eighty head of stallions and mares on hand and there are some among this number that are hard to beat. There is no better judge of a Percheron in America than Mr. Humbert and no man has more advantages, nor knows more about where to buy than he, and when it comes to selling a horse he can offer inducements that cannot be duplicated elsewhere. They have endeavored to always keep a high class of stallions on hand. They select horses with good bone and good action and have a number of ton horses now in their barns and several that will make a ton and over when they are matured. They also have a few stallions on hand that they bred themselves and they can price these right. They have a few good mares on hand that should be seen to be appreciated. If any of our readers want a good Percheron stallion or mare they should by all means go and see the Humbert horses.

LAST CALL FOR JONES' ABERDEEN ANGUS SALE.

One of the best Aberdeen Angus sales that is to be held in the near future is that of Mr. W. H. Jones, of Quimby, Iowa. The sale will be held at his farm about three miles northwest of town and he will sell forty-five head of cattle. There will be thirty-five head of females and ten bulls. The cattle will be sold right off grass, but will be in nice breeding condition and will contain some of the very best families known to the Aberdeen Angus breed. Among the females will be three daughters, two of them with calves at foot. Two Prides, three of them with calves at foot, two Ericas, two Heatherblooms with calves at foot and nine Janettes, four of which will have calf at foot. The calves will be sired by Cherokee Blackhawk 59521 and Imp. Edward R. 61744. The cows and heifers of breeding age will be bred to Cherokee Blackhawk and Edward R. by Imp. Edward R. He will sell about ten young bulls and these represent some of the best-known families. Among the good ones to be sold is Eva Essex, a double-bred Erica. She is a smooth, well-rounded heifer and a typical doddie. Another good one is Ellnor of Maple Grove, sired by the richly-bred Earl Essex, at the head of the herd of Mr. James Williams. Heather Mable is a true Angus cow and the dam of some of the best youngsters in the herd of Mr. Jones. She is a heavy milker and belongs to the class of cows that feed their calves and push them forward at remarkably rapid rate. The calves are all sired by the intensely-bred Blackbird bull, Black Hawk of Quimby. There is probably no better-bred Blackbird bull than this one. His sire was the great show and breeding bull, Woodlawn Lad. Many of our best breeders can help themselves by attending Mr.

Jones' sale. He is selling a class of Angus cattle that are in demand and the families that are represented in this sale are the very best known to the breed. Kindly write Mr. Jones at once for catalog and mention this paper.

MANIFOLD'S DUROC JERSEY SALE.

October 19th, at Shannon City, Iowa, is when that veteran breeder, Mr. Geo. R. Manifold, again sells Duroc Jersey hogs, and he is one of the men that always has some of the best things known to the breed in his annual sales. He certainly has them this year and he is selling his great Iowa State fair litter sired by Proud Advance and out of an Orion Dandelion sow. The dam of this litter, Nan Orion, is one of the greatest brood sows in the state of Iowa. Her litter won third at Des Moines in 1905 and this year won fourth as produce of sow. It is useless for us to talk about this litter. They must be seen to be appreciated, and to see them is to buy them, that is all there is about it. They are the cream of the breed. Another good Proud Advance litter is out of Princess Wonder by Duroc Wonder, and another good Proud Advance boar is out of a daughter of Roycroft Sensation. He sells a very choice boar pig sired by W. L. A's Choice Goods out of Annetta by Tom Watson, a direct descendant of Ohio Chief. The boys cannot afford to pass this pig up, no matter what the price is to get him. There are some good litters in this sale sired by Corrector 9739 (A.) and out of Decatur Belle M. and Iowa Star. We will simply say to all the boys that they will make a mistake if they pass up the Manifold sale. It is one of the best of the year. Write him for catalog at once and mention The Homestead.

WHITE & DEWEY'S SALE.

October 18th, at Shannon City, Iowa, is when Messrs. Grant White and C. M. Dewey will sell forty head of Durocs, including their show herds. This is the fountain head of the Proud Advance blood, these two breeders being members of the Proud Advance Stock Company. The most of their offering is sired by Proud Advance, consequently it may be classed a Proud Advance sale. Mr. Dewey sells two fall boars, four spring boars and one spring gilt by Proud Advance, also two boars and one sow by Miss Bob's Wonder, he by the great Crimson Wonder. He will also sell one boar and two sows by the great Tip Top Notcher and a litter by Red Look, a son of Ringleader. Mr. Dewey has his offering in splendid shape and the boys will all like it, because his offering is first class in every particular. Mr. White will sell twenty-five head and he has taken considerable pains to have the good ones. His offering is largely sired by Proud Advance. One of his best litters is out of an Orion sow and another is out of Russell Belle, while another is out of Miss Queen. He is also selling two Ohio Chief boars out of the sow that topped the Harding sale last spring. He will offer three fall yearling sows that are half sisters to Mr. Shade's noted sweepstakes sow, and he also sells a Proud Advance yearling sow that is as good as they grow them. Both the offering of Mr. White and Mr. Dewey will be found strictly all right, and there never was a better time nor a better place to secure the blood of the noted boar, Proud Advance than will be in this sale. Write at once for catalog and mention The Homestead.

LAST CALL FOR THE B. G. STARK SHORT-HORN SALE.

Lovers of good Short-horns should not forget the sale of Mr. B. G. Stark at Humboldt, Iowa, on October 16th. This well-known breeder has selected fifty head from his herd for this sale and it is with considerable pleasure that we call the attention of our readers to his offering. There will be fifty head in the sale and about forty of these will be cows and heifers. There will be at least fifteen cows with calf at foot by the Scotch bulls, Commodore Jr. and Standard Fibre and the rest of these that are old enough will be safe in calf to these same bulls and also to a son of Aberdeen Prince, and he now stands at the head of the Stark herd. The families represented in this sale are mostly Young Phyllises, Young Marys, Arabellas, Amelias and other well-known families with five and six good Scotch tops on them. He is putting in a splendid bunch of Standard Fibre heifers in this sale. This bull formerly headed the Stark herd and was one of the best breeders Mr. Stark ever owned and these heifers will prove all that we say about him when sale day arrives. There will also be cows and heifers in the offering sired by such well-known Scotch bulls as Aberdeen Prince, Prince of Athens, Dauntless Victor, Dompter and Searchlight, the latter being a Norton bred bull by Imp. Banker and out of a daughter of Imp. Salamis. His best cow is Thistle Duchess 2d, a seven-year-old daughter of the Scotch bull Thistlewood. She is a grand good individual and has been a prize winner every time she has been shown. She is a cow of great scale and abundant quality and she will be sold with calf at foot by Standard Fibre. This cow will fit well in any herd and it is too bad we have not more like her. Another good proposition that he offers in the way of a female is Myrtle 2d. She is a three-year-old and is now suckling her third calf. She is large and a splendid milker and a thirteen-month-old bull of hers will also be sold in the sale. Among the bulls will be a few that will be sired by Dompter, a son of Imp. Leyburn, at one time at the head of the Stark herd and one of the most noted bulls of his day in the state of Iowa. There will be about ten young bulls in the sale and they are good, growthy and well-developed fellows. The entire offering is composed of the very best Scotch blood on some of the most noted Bates foundations. It is an offering of good individuals, not loaded with fat, but the kind of cattle that always goes into the hands of the buyer and does well. We

DON'T BUY GASOLINE ENGINES

alcohol engine, superior to any one-cylinder engine, revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mrs. Meagher and 16th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.

UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or oil engine, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mrs. Meagher and 16th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.

know of no sale that contains any more of the practical money-making Short-horns than will be found in the Stark sale. When you buy of him you know that there is a breeder behind the cattle whose reputation is gilt edged. He has been breeding Short-horns for the past thirty-three years and no man enjoys a better reputation for integrity and square dealing than does the man who is making this sale. Remember the sale will be held at the fair grounds, Humboldt, Iowa, but when writing for catalog address Mr. Stark at Livermore, Iowa. Kindly mention Iowa Homestead when writing.

W. E. MARRS' SALE OF DUROCS.

On Tuesday, October 23d, at his farm joining Albany, Mo., Mr. W. E. Marrs, of Albany, Mo., makes his first sale of Durocs. Mr. Marrs feels that his hogs have not had the publicity necessary yet he knows he has the goods and if buyers will come he will let them have the hogs and at their price. The writer has seen the hogs and he does not hesitate to say that Mr. Marrs will offer such a line of stuff as will do the purchasers good. Some herd boar material will be found in Mr. Marrs' offering. The herd boars are not only well bred, but are breeding boars of much merit. Several yearling boars are included in the list. Some are by Cole's Duroc and out of Improver 2d sows, others are by Improver 2d and out of sows of another line of breeding. The entire crop of spring pigs are by the herd boar, Pilot J., a boar that did service in Mr. R. J. Harding's herd before Mr. Marrs bought him. The writer on a recent trip to Mr. Marr's farm saw several boars and gilts that would look well in any herd. Good colors, good backs with well-sprung ribs and good, sound feet and legs are found in Mr. Marrs' offering. Those who want Durocs that are right in every way will find them here. Write today for a catalog and arrange to be with him sale day. Col. R. W. Mitchell and P. E. Wilkerson will do the selling. See page 37 for advertisement and when writing Mr. Marrs kindly mention this paper.

LYNDALD POLAND CHINAS AT AUCTION.

Saturday, October 20th, is the day on which A. F. Graves, of King City, Mo., proprietor of the Lyndald herd of Poland Chinas, will sell a draft of forty head from his herd. Fall boars, fall sows, early spring boars and a number of spring gilts will be included in the offering of fifty head. Those who know Mr. A. F. Graves best know that he never does things by halves and when arranging for this sale he selected his best stuff with the intention of making such an offering as would be a credit to any herd in the corn belt. Those who are hunting herd boar material can find it at Mr. Graves' place. He has the individuals backed by a pedigree that is absolutely good. The hogs have been well grown and will show their worth. We last week had the pleasure of inspecting the offering and are pleased to say that Mr. Graves has hogs that will fit creditably in any herd. The Tecumseh strains have been mingled with the Perfections to such an extent that quality exists throughout the herd. We had hoped to have a catalog so as to be able to give the breeding of the major portion of the offering and the lot numbers of several promising things but this will have to be deferred another week. In the meantime we urge all our readers who may be in the market for Polands that are well bred and well grown to write Mr. Graves for a catalog and kindly remember to mention this paper. The advertisement will be found on page 38.

WRIGHT COUNTY, IOWA, SHORT-HORN BREEDERS' SALE.

On October 23d, Mr. T. A. Davenport, of Belmont, Iowa, will open the big three days' sale of Short-horns that will be held at Clarion and Belmont, October 23d, 24th and 25th. Mr. Davenport makes a valuable draft sale of about forty-five head from his noted Pike Timber herd. His offering includes twenty-five head of cows, largely with calves at foot; thirty-five females all told, and ten bulls, four of which are Scotch. He sells in this offering a splendid young Scotch bull sired by Imp. Charmer, which is a full brother to the great bull, Philo Hay. The remainder of the younger things are all sired by Imp. Kinellar Stamp. The complete catalog of Mr. Davenport's offering has not yet reached us, but the bulk of the offering are Young Phyllises, Young Marys, Rose of Sharons and kindred sorts, richly Scotch-topped with the best Scotch bulls obtainable. There will be twenty daughters by that celebrated bull, Imp. Charmer, the majority of which will be safe in calf to or have calf by Imp. Kinellar Stamp. Mr. Davenport considers these beautiful daughters of Imp. Charmer as valuable an offering as will go through a sale ring this season. It has been the aim of Mr. Davenport since the beginning of the Short-horn business, which is fourteen years ago, to offer at each succeeding sale a little better class of cattle than its predecessor had been. With that end in view he has kept buying and keeping some of the best Short-horn cows and herd bulls that were obtainable. As this is the life work of Mr. Davenport, he has the reputation at stake and a future before him that forces him to put in a good class of cattle for this sale. It is his sixth annual offering and all previous sales have given entire satisfaction. Hence we predict for this offering that same merited success that has crowned his efforts in all preceding sales. The cattle will be sold in their every-day working clothes, without any attempt to fit them especially. It is one of the largest offerings of cows with calves at foot to be sold this fall. This is the best guarantee that any man could possibly give of the breeding value of a sale consignment. Should any female bred no prove to be in calf, Mr. Davenport will allow her return, and if he fails in delivering her safe in calf within six months, the purchase price will be refunded. All

hulls sold by him will be guaranteed breeders. The sale will be held at Pike Timber farm five miles southwest of Belmont. Free conveyance will be furnished for all parties from a distance. Col. George P. Bellows will officiate for Mr. Davenport and we predict for this sale the attention and merited success that it deserves.

LAST CALL FOR H. G. WARREN'S DUROCS.

The offering of Durocs to be shown by the above named gentleman, located at Inland, Neb., will be good, strong pigs of both sexes and with a line of breeding that will please you. This is the first sale ever made by Mr. Warren and on October 20th the breeders, as well as farmers, will have an opportunity to get the choice stock at prices to suit. It is your gain here and you can expect to get the best of Durocs, as this gentleman has secured only the very best when he started in the business. His judgment was well shown when he purchased the very best stock at the winter sales. His offering will consist of about forty head. These are sired by such boars as Belle's Model, Morrison's Bell Top, Higgins' Model, Warren's Improver by Improver 2d and Teddy K. sired by Billy K. His offering is very strong and you cannot go wrong on attending this sale or sending a bid. The offering is not at all large in number, but makes up in quality where it falls low in number. Mr. Warren will make some of the older breeders stand back in way of good, choice offerings. His sale will be held at his farm about five miles from Inland and about six miles from Harvard. You can reach Inland on two roads, the B. & M. and Northwestern. Mr. Warren's sale follows the G. Briggs sale. Write for his sale catalog and post yourself on the offering. Mr. G. W. Segrist will attend the sale.

CROSS' DUROC SALE.

The forthcoming Duroc Jersey sale of Messrs. L. W. Cross & Son, of Mason City, Ill., which will be held on Wednesday, October 17th, offers many hargains in good, strong-boned pigs of the right type and quality. Most of the spring stuff is sired by Buddy T.'s Best 42431. This boar was sired by Buddy T. and is out of Owaneco Belle by Gold Chief, the first-prize and sweepstakes boar at Illinois State Fair, 1904. Buddy T.'s Best was third in the under six months class at Springfield last year and in his yearling form weighs over 500 pounds. All of the fall stuff in the sale is sired by Gem's Top Notcher, a boar from the good herd of Messrs. T. W. Stoner & Son, of Henry, Ill. His sire, Top Notcher's Rival, was by old Top Notcher. A very fine lot of fall gilts should attract the attention of breeders expecting to hold sales in the spring. Two boars and two gilts by Major R. and out of My Dream IV., she a litter sister to first-prize young herd at Illinois State Fair last year, should attract the attention of careful buyers. They were farrowed March 20th. A litter of fall gilts farrowed October 1st by Gem's Top Notcher and out of Edith G. 69922 by Cloth of Gold 23283 are extra good ones and will please discriminating buyers. The offering is a good one and we are pleased to recommend it to our readers. Look up the advertisement on page 41 and write, mentioning The Homestead, for catalog. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled.

THE GOOD ONES WITH THE GOOD LINE OF BREEDING.

Breeders of Iowa and Nebraska should take special notice to the H. L. McKelvie offering of Polands to be sold at his farm near Fairfield, Neb., on October 26th. This breeder has one of the real good offerings to be sold in the state of Nebraska and we feel safe in trying to induce the breeders of the neighboring states to come to this sale. You will be well repaid for your trouble and expense if you are looking for hogs that are all bog. We do not know of a better offering where feet are so good and the hogs in the condition to do the buyer the good they expect, as the sale to be held on the above date. Then we find the herd cholera proof. This alone is worth your consideration, as you well know what cholera does to your hogs. The entire offering will number about fifty of both sexes. The boar offering is what you would consider a great one, as the proprietor has consigned several boars that should sell for the three-figure mark. The aged boar, Kodak, will be offered, as well as two of his yearlings with a few spring pigs. Kodak 2d was sired by Kodak and is out of Best of 1899 by Shattuck's Choice. This boar is now in his fifth year. His get prove him one of the very good sires and Mr. McKelvie will use one of his get in the herd, as well as using some of the sows. The sire is a very spry fellow with a large bone, good feet and plenty of stretch. His two yearlings, Big Kodak and Jim Crow, are very large fellows. Jim Crow is a hog that would please any breeder with one exception, his front feet are not as good as you would like. This was thought to have been caused by cholera. In looking over the others in the litter you will find the best of feet. Outside of his feet he is a show hog and the kind that win in the warmest competition. Mr. McKelvie has used this sire and is not at all pleased at selling. His full brother is a boar considerably rougher, with more stretch, but the same kind that gives the needed length to the short chunky Polands. No. 2 in catalog is called Hadley Last by Hadley Jr. This hog is a two-year-old and one that should be looked after. He has some pigs in the sale that will show him as a breeder. He is a large-boned hog, being very close to the ground and a very easy feeder. One of the real choice pigs in the sale is Nemo, sired by McK's Choice Tec. 3d, he by Chief Tec. 3d. This fall boar is a hog that will please nine-tenths of the breeders. He has a very good head and ear, the best of feet, good, straight legs and a good, large bone. He is a royally-bred hog and one that comes from a family of winners. He is out of a litter of ten. A full brother won third last fall at the state fair, while a half brother won second this fall at Nebraska, and afterwards sold for \$150 as under a year old boar. A good bid should be sent to get him. Several of the spring pigs are good, as you will see on sale day. As we said before, we feel safe in asking breeders from any state to attend this sale or send a bid to the auctioneer or Mr. G. W. Segrist, owing to the fact that the goods will be offered. In our

next issue we will give you more about the spring pigs to be offered. Mr. McKelvie has not over estimated his pigs in his foot notes and in looking over the catalog don't be misled. He has told the facts as you would prefer. Look up display advertisement on page 35. Mention The Homestead when writing for catalog.

LAST CALL FOR THE SOUTHWESTERN IOWA DUROC JERSEY SALE CIRCUIT.

The opening day of the Southwestern Iowa Duroc Jersey sale circuit will begin at Mt. Airy, Iowa, on October 15th, when Messrs. A. L. & U. S. G. Lynch will sell twenty boars and twenty-five sows. Among the very choice spring boars in their offering is a litter of three boars by the great Ohio Chief and out of Will's Pride. Nos. 15 and 16 of this litter are good and their breeding entitles them to a place at the head of good herds. Nos. 4 and 5 are fall boars sired by Corn Cracker and out of Madrid Belle by Wauwata Hub and they are lengthy fellows with plenty of bone. No. 6 is a good February gilt, sired by Luther Top Notch and out of a daughter of Pilot 2d. Another good spring litter is by O. B. Advance by Proud Advance. They are also selling two aged boars, Corn Cracker and Iowa Lad. Both of these hogs have earned a good reputation at the head of their herd and now that they have retained \$0 many of their gilts, they have decided to put them in the sale. There will be several litters in the sale sired by both of these boars. There will be a couple of spring gilts in the sale sired by Alix Pride, a litter brother to the great sow, Alix II. There will be a yearling sow in the sale sired by old Parnell Banner and her dam is a daughter of Ohio Banner. The Lynch boys are putting up a good offering and all of their best things have been retained for this sale, so they deserve a good attendance on the part of breeders and farmers, and in turn they are selling a splendid bunch of hogs. Their catalog is ready. Write for it and mention The Homestead.

LAST CALL FOR WINTERMUTE'S POLAND CHINA SALE.

On Tuesday, October 16th, at his farm near Blockton, Iowa, is where Mr. J. H. Wintermute will make his sale of great, big Poland Chinas. It is with pleasure that we call the attention of Homestead readers to this sale, and especially to those who are seeking the great, big type of Poland Chinas. The big per cent of his offering will be sired by his present herd boar, Jumbo 8159, a boar that will weigh in his present condition 815 pounds, and can easily be made to weigh 1,000 pounds. He descends from a family that is noted for their size and bone and he is a breeding hog that transmits his same qualities to his offspring. There will be sixty head in the sale about equally divided as to boars and sows. Nos. 1, 2 and 3 are boars and are sired by Jumbo and are out of Darkness 2d, a daughter of old Sweepstakes, and one of the biggest and best sows in southern Iowa. This litter is one of the best he has ever raised and no man will go wrong in buying one of these. He is saving the gilts out of this litter for his own herd. He also offers a fall boar sired by Longfellow H. and out of old Giantess, and he is one of those heavy-boned and extra-length fellows. There is a spring litter in the sale sired by Jumbo and out of Miss Jumbo and he also offers a good fall boar out of the same sow and sired by the same boar. The man who wants a bunch of good sows of the big strains, with lots of length and plenty of bone, the kind that always make good brood sows, they will get them in the Wintermute sale. The offering is a good one and is the kind that they are all looking for. Mr. Wintermute has made all arrangements to care for the hogs and hopes to see all those who believe in the type of hog that he is raising with him on sale day. Write for his catalog and mention The Homestead.

THE MEADOW DALE SHORT-HORN DISPERSION SALE.

Associated with Mr. G. J. Mack and Mr. T. A. Davenport in the Wright county three days' circuit of Short-horn sales is Messrs. Rice & Lindsay, of Clarion, Iowa, who will on Thursday, October 25th, the third day of the series, disperse their entire herd of fifty-one head of partnership Short-horns. In order to dissolve that partnership, Mr. Rice having purchased a farm of his own will go into business for himself in the same line. This dispersion sale affords a golden opportunity for breeders of Short-horns to select some splendid specimens of heavy-making Short-horns, also a number of young bulls. The real attraction, however, of the Rice & Lindsay sale, is the head of the herd, Victor Prince, 193385. This is a beautiful bull, calved Nov. 19, 1901, bred by Messrs. H. Cargill & Son, of Cargill, Ont. He was sired by that splendid bull, Golden Drop Victor, bred by Mr. Wm. Duthie and sired by Nonpareil Victor that was imported from Mr. Duthie's herd to Nettleton, Mo., by Mr. George Bothwell, who owned him up to his death. Three of the sons of Nonpareil Victor, bred by Mr. Bothwell, sold respectively at \$1,610, \$1,510 and Nonpareil King at \$3,500; one of the former bulls later selling as a show bull for \$2,500. Victor Prince, aside from the choice line of aristocratic members of the household on his sire's side, and for his dam Imp. Coral Countess. She belongs to the Coral family. This family has furnished some splendid cattle, among them some show stock. Victor Prince is a massive, thick-fleshed bull, weighing 2,300 pounds, and is unquestionably one of the very best and thickest bulls in northern Iowa. He was the outstanding first-prize aged bull at the recent Wright County Fair. The cows in this offering are in calf to this bull, which gives them a double value. This bull must easily be classed among the \$500 bulls or over. However, he may not bring half this amount at this dispersion sale, but he will nevertheless be sold for whatever value the public cares to place on him. As this will be the third of the week's sales, there may be an opportunity to buy some cheap cattle; in fact, the owners are prepared to take modest prices for these cattle inasmuch as they are not extensively known away from home. This, however, does not bar them from owning and selling some very good, useful, business Short-horns. With the present high values of land we can conceive of no use that a farmer can put this land to that will pay so great a revenue as to buy cattle of this character at any price that they



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Just fine for rapid, easy work. Strong and durable. Easy to use. Fits snug and holds fingers firmly together so there's no jar to speak of. Quickly put on.

Adjustable Pin, made of cold-drawn steel, spring, relieves the strain on hand, wrist and arm muscles. If your dealer hasn't it, send 25c and get the Husker that beats 'em all.

Smith and Davis, Box 2, Ames, Iowa.

are likely to bring at this sale. It is a day of convincing value; fewer cattle must be kept on the high-priced acres that represent many more dollars of value than has been the custom and practice of our forefathers. Every business at the present time requires closer application and better and more economical business methods applied than were so applied by the pioneers of this great middle West. It has been often stated by the wise heads that "he who makes two spears of grass grow where only one grew before is a benefactor." So it is with these Short-horn cattle. He who produces cattle that when ready for market are worth double those of his neighbors, has accomplished this same purpose. These are the kind of cattle offered by Messrs. Rice & Lindsay, as well as their colleagues, in this three-day circuit of sales.

WOLF CREEK HERD WITH 200 HEAD OF PIGS.

Our reliable breeder and friend, Mr. T. L. Livingston, of Burchard, Neb., is now offering about 200 head of pigs to the public, or rather is topping this number for the breeders and farmers. The herd here mentioned has well earned the reputation of good hogs and square dealings. The owner is known to this breed and his hogs have proven worthy ones wherever you may find them. He has changed his advertisement in The Homestead and you will find same on page 44. The 200 head are sired by such boars as Combination. This sire was responsible for the \$280 pig sold in the Kirkpatrick sale last fall. He is one of the grand, good sires and his get are strong and even wherever you see them. Some are sired by Top Chief by Kan't Be Beat and others by Valley Chief by St. Elmo. The last named hog was used in the Van Patten herd and he was represented at St. Louis by having some winners to his credit. The herd of sows represent such noted families as Gold Dust Jim, Glendale Critic, Glendale Prince and Duroc King. The herd is now stronger than ever in the blood lines and you will find Mr. Livingston along with the top notchers as before, and again we will say that you can send your bids to him and get good ones or none at all. He believes in giving results to all and we have never heard a word against his business career. You will notice that the blood is the same that has been winning at the different fairs. Look up his advertisement and write him expecting to receive a reply with facts only.

THE LINCOLN DUROC COMBINATION SALE.

The real choice offering of Durocs to be offered by three breeders located in the vicinity of Lincoln, should attract your attention providing you are looking for a class of Durocs that are choice in breeding as well as individual merit. The sale will be held at the farm owned by Mr. A. Wilson, of Bethany, Neb. Breeders are requested to stop at the Royal Hotel, where the headquarters are established. The sale will be one of merit, as each gentleman has consigned a small number from his herd and these are supposed to be good, strong animals. The offering consigned by Mr. A. Wilson, of Bethany, Neb., is one that he should feel proud of. His hogs have made a good growth and he has treated them for the best results to the buyer. He will sell fourteen, including three Ohio Chief boars. These are out of the great sow, Morrison's Peach, by the great Crimson Wonder. This sow was the top-priced sow in the Morrison sale last winter. He paid the sum of \$410 for her, and has shown his good judgment by bringing up her Ohio Chief litter to where it is. He will have a few sired by Aethelred sired by Tip Top Notcher. This hog has been pronounced one of the best sons of the great \$5,000 boar. Four pigs sired by him will be offered. The boar, Aethelred, will be included in the sale and should be taken by some reliable breeder who cares for good breeding. There will be a few good ones sired by Morrison's Bell Top, he being out of the great sow, Nebraska Belle. You will like Mr. Wilson's offering. Mr. W. A. Kirkpatrick comes to the front with a list of seventeen animals from his royally-bred herd. These are as good as the veteran breeder has ever offered in any previous sale, and they are fit to do you lots of good. Mr. Kirkpatrick is the better known of the trio interested in the sale and understands what is required to make an offering as choice as can be. His hogs are good and will please you. His offering represents the blood of such boars as Crimson Wonder, Fancy Crimson, Red Chief I Am and Belle's Echo. Mr. Kirkpatrick has probably the last of the great Crimson Wonder get and he has decided to include some of it in his consignment on October 17th. One fall boar sired by the noted boar and out of Lincoln Girl by Surprise is one that you should watch. He is good all over and will make the kind that breeders use at the head of the herds. Part of this litter has been sold for the sum of \$560. You will see that they are choice. There will be a few good pigs sired by Fancy Crimson Wonder that you will like. He has sired the most of the spring offering. One very good pig is sired by Combination. This is the same blood that topped the sale last fall on a spring pig. Crimson Wonder's brother has two good ones in the list. You should look over the offering, as you will like them. Mr. E. K. Young, of Havelock, Neb., consigns about twenty head of good,

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strong Durocs. This gentleman has the line of breeding that will please you. He has invested in good, strong stock to use in his herd and we are sure you will find his offering to your satisfaction. He will have a few fall boars sired by Captain Hall that should please you. Some nice spring stuff sired by Malcolm's Model and out of a Gold Dust Jim sow are good in all respects. His entire offering is as good as will be found in the sale and it is up to you to attend the sale. Mr. Young has pigs sired by Luther H. by Hambletonian that are good. His herd of sows in service are strong ones that raise good litters in goodly numbers. The three gentlemen in the sale are all reliable breeders and in Mr. Kirkpatrick we have a breeder that has worked for the betterment of the hog business. We feel safe in asking you to attend these sales, as you will be treated to a good, strong offering. The headquarters will be established at Hotel Royal, Lincoln, Neb. Mr. J. M. Morrison & Son, sell on Tuesday, October 16th. Try and attend both sales. Look up the advertisement on page 39.

CUTLER, REIL & COOPER'S DUROC SALE.

"Last but not least" by any means comes the Duroc sale of Messrs. Cutler, Reil & Cooper, at Ferris, Ill., on the closing day of the Grand Champion Duroc Circuit, Saturday, October 27th. These three gentlemen are the proprietors of three excellent herds of Duroc Jerseys, numbering all told over 250 head. Forty head have been selected for this occasion. The story of the Duroc show held last week at the Illinois State Fair shows the winnings of this firm. No one herd of Durocs shown from Illinois won as many ribbons as that of Mr. N. B. Cutler. If he can breed this class of stock which wins in as strong a show as the Illinois State Fair put up this year, he can suit breeders who are in the market for high-class stock. Messrs. Reil & Cooper have equally as good stock in this sale. The get of Top Notcher King, Pilot Boy, Illinois Chief, Hanley, Double Track and other noted sires make up this offering. The sale consignment is equally divided as to sex, there being twenty boars and twenty sows and gilts of both fall and spring farrow. Quality, style and finish predominate throughout the entire offering. Breeders who want good, useful stock cannot do better than to be present sale day. Catalogs are now ready for distribution and will be sent to all who write as per the announcement on page 36 of this issue. Bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled. Arrange to spend the entire week in attendance at the Grand Champion Sale Circuit. Mention The Homestead when writing.

MIHILLS' DUROC DISPERSION.

An offering which should attract more than ordinary attention is the dispersion sale of Mr. M. Mihills, at Norfolk, Neb., on October 20, 1906, at which time he will dispose of his entire herd. It is only owing to his poor health during the winter months that obliges him to sell. Mr. Mihills has been a consistent buyer of some of the best blood and quality and the crop of spring pigs, good growthy, vigorous fellows, reflects credit upon the man whose judgment mated their parents. Jack Orion, a son of Orion and out of Lady Dandelion by Dandelion, is a grand spring yearling herd hog which Mr. Mihills has had in service and from which he has some fine pigs. This hog is a very smooth, broad-backed, deep fellow, with good bone, and a prominent breeder offered a very tempting figure for him before he had decided to sell out. He is a bog fit to head a strong herd. A bid placed on him will not be amiss, and place it well up or you won't land him. Owing to a very unfortunate accident the other herd hog, Belle's Echo Prince, a sire of some of the spring crop, was killed some time ago. He was by Belle's Echo, he by Echo King and out of Nebraska Belle. His dam was Red Beauty by Red Wilkes and a half brother to the sire of the second-prize pig at the Iowa State Fair this season. There will be one spring and one fall boar by a son of Hambletonian and out of Dandelion dams. There will be two litter sisters to Jack Orion, and their dam, Lady Dandelion, among the sow offering. Her sire was Dandelion and out of Iowa Queen. Then there will be Belle Echo Bell, a litter sister to Bell Echo Prince, also granddaughter of Proud Advance. The balance will be of March and April farrow, about equally divided as to sex, and sired by the herd boars, Jack Orion and Belle Echo Prince. They are a vigorous, growthy, well-conditioned lot and, as Mr. Mihills is retiring from the business on account of ill health, everything must be sold.

LAST CALL FOR C. A. WRIGHT'S SALE OF DUROCS.

Breeders and farmers who want Duroc Jerseys should not forget the sale of Durocs to be held at Mr. C. A. Wright's farm, near Rosendale, Mo., on Thursday, October 18th, at which time Mr. Wright sells eighty head of as good Durocs as will be sent through a sale ring in Missouri this year. Mr. Wright will not hold a bred sow sale, neither will he hold back a number for the private treaty trade. He sells the best of his year's production and hopes to clean up all at this sale. The boar offering is strong. The two herd boars, Larchwood King and Challenger, are a pair of tried and proven boars fit to do service anywhere. They are the principal sires of the offering and are the sires of Mr. Wright's winners at the Iowa State Fair and the Interstate show held at St. Joe. The spring boars are growthy and some good herd boar material will be found among them. In sows Mr. Wright is offering a strong lot. Among these is the sow, Little Beth 61032, the champion sow at the Interstate show at St. Joe, and her two gilts of March farrow got by Parnell Banuor. A good gilt will be found in Lot 66. She was got by Challenger and out of Cerle by Sneed's Champion. At the Interstate she was awarded first in class for sows under six months. A pair of fall sows listed as Lots 69 and 70 will be found absolutely good and will make great breeding sows. Two litter sisters to these also go in the sale. The writer doubts if three better gilts than Lots 37, 38 and 39 will be found in any sale this year. They were at St. Joe, but were not shown. Had they been, Mr. Wright would have won more blues. They were got by Larchwood King and out of Fancy Girl 2d by Field Marshall. One thing buyers should remember is, that all sows selling for \$50 and over may be left at Mr. Wright's to be bred to Butler's

Orion, his new herd boar. Butler Orion is a large yearling with a very heavy bone, a strong, arched back, with well-sprung ribs. He has the breedly appearance so essential in a sire and pigs by him will undoubtedly prove to be the right kind. Mr. Wright sells at his farm near Rosendale, where every arrangement for the comfort of visitors may be had. Parties from a distance should come to Rosendale or Wyeth. See catalog for time tables and arrange to spend the day with Mr. Wright.

O. A. STANLEY'S ANNUAL SALE OF POLAND CHINAS.

One of the good sales of Poland Chinas to attend this fall will be that of Mr. O. A. Stanley, of Sheridan, Worth county, Mo., on Monday, October 22d, at his farm four miles southeast of Sheridan, Mo. Mr. Stanley holds annual sales and has sold hogs to many good breeders and in this, his eight annual sale, there will be a line of attractions that should go to good herds. For this sale Mr. Stanley has selected twenty boars and twenty-five sows, the tops of over 100 head. The boar offering will be headed by the great breeding boar, Joe Profit, a son of the Ohio prize winner, Joe C., a Wilkes boar. His dam, Lady Profit, is a granddaughter of Happy Perfection. Mr. Stanley sells Joe Profit in order to retain a number of his daughters as brood sows. As a breeding boar he has made good and the twenty head of his get that go in the sale will show his value. They are attractions worthy of note. One of the best litters by him is out of Nellie Allerton by Allerton Jr., he by Allerton Tecumseh, the hog that did so much for Mr. W. T. Garrett. These are of November, 1905, farrow, three boars and three sows, all of the big kind and desirable. Two sows of July 29, 1905, farrow and out of My Hanna Lady by Shamrock will make great brood sows. Their litter brother goes in the sale weighing close to 500 pounds. Someone hunting a herd boar should look after him. He is an extra heavy-boned hog and should make a great sire. A spring litter of this sow and by Joe Profit will furnish some attractions, four extra good gilts and a boar. A Giant Perfection litter out of Missouri Queen by Size Me Up will be found desirable things to buy. Giant Perfection was got by P. W. Perfection and out of Mr. Fred Rood's great brood sow, Giantess. Their dam, Missouri Queen, also goes in the sale with five other tried and proven brood sows that raise good litters. Write for catalogs and try to be with Mr. Stanley sale day. If you want hogs with bone, size and quality Mr. Stanley has them and will sell to the highest bidder. See page 35 for advertisement and when writing kindly mention The Homestead.

DISPERSION OF LILAC HILL FARM SHORT-HORNS.

On October 24th Mr. G. J. Mack, of Clarion, Iowa, will disperse his entire herd of Short-horn cattle. Owing to the recent loss of his companion, this herd will be thrown on the market without any reserve. Such a thought as this had never entered Mr. Mack's mind until recently when he found his home broken up and the conditions so changed that continuing in the business of Short-horns was an utter impossibility, situated as he is. His sale will be the day following Mr. T. A. Davenport's draft sale at Belmond. They are only about ten miles apart, hence buyers can arrange to attend the three-days' circuit with profit to themselves. Mr. Mack's herd embraces fifty-six head; quite a number of straight Scotch and the remainder Scotch-topped. Among the Scotch cattle we note such grand cows as Nonpareil of Lilac Hill. This is a two-year-old heifer sired by Imp. Morning Star. She belongs to the celebrated Nonpareil family, tracing to Imp. Nonpareil of Kinellar by the Cruickshank bull, Luminary. These Nonpareils are regarded by breeders of Scotch cattle as one of the choicest families. The sire of this heifer, Imp. Morning Star, was one of the herd bulls at Mr. N. A. Lind's Beaver Creek herd up to the time of his disastrous fire, at which time both Imp. Morning Star and Fancy's Pride were burned. Imp. Morning Star was sired by the Duthie bull, Pride of the Ring, the highest-priced calf in the Collynie sale of 1898. His sire was Pride of Morning. This beautiful heifer is certainly an attraction to any sale. Lot 3 is a nicely-bred Duchess of Gloster, tracing through the very best of sires to Imp. 12th Duchess of Gloster by the world's renowned bull, Champion of England. Here is breeding fit for a king. Lot 4, Oakland Duchess, is of this same family, but is sired by Mr. F. A. Edwards' famous old stock bull, Duke of Oakland 2d. This is a choicely-bred heifer and is certainly none the less valuable because of being by such a grand sire as Duke of Oakland 2d. Lot 7 is the dam of Lot 4, and, of course, is of the same breeding, except the top sire, which was Logan, he by Lord Victor, a son of Imp. Spartan Hero, and out of Imp. Victoria 66 by Lord of the Isles. Lot 5 is Martha Orange Blossom, a daughter of Prince Mysie, he by Gwendoline Lad and out of Mysie Aberdeen, she by Imp. Amburst. This is a nicely-bred Orange Blossom of one of the older imported strains of this famous Cruickshank family. She traces to Imp. Orange Blossom 18th by Viceroy. The Orange Blossoms are considered the best-looking family of the Cruickshank tribes. They are founded on the same foundation as the Queen of Beauties, all coming through Queen of Scotland, a daughter of Edith Fairfax. It will be remembered that Mr. Marr's greatest herd bull was of this family, and the imported cow, Orange Blossom 18th, sold in 1876 for \$3,500. She probably had as much to do with bringing the Scotch cattle into prominence in an early day as any other potent influence. Lot 6 is another of the Nonpareils; in fact, is the mother of Lot 2. Following the Scotch cattle are a choice lot of Zelas or Fashions, largely the get of that grand old bull, Philo Hay. The offering is interspersed with some Young Phyllises and other American sorts that at the present time are being looked upon with more favor than for some time. At the recent sale held by Mr. George Burge at Mt. Vernon the choice individual Scotch-topped cattle sold higher than did the straight Scotch cattle, with one exception, that being the noted show beifer, Florodora. We shall not mention the number of good bulls to be sold by Mr. Mack except collectively, other than Lot 1 of the catalog, the herd bull, Grand Count. This is one of the choicest-bred Scotch bulls to be sold this

year. He is six years old, is a roan bred by Mr. Arthur Johnson, of Greenwood, Ont. He was sired by Imp. Merryman, a son of Reveller, he out of Marigold 3d by Nero, she out of Marigold 2d by Red Prince, she out of Marigold by Queen's Guard. The dam of Grand Count was Imp. Martha 3d. She belongs to the Scotch Mysie family and traces to Mr. Cruickshank's noted Mary Anne by Sillery Tribe. Grand Count is a half brother to Carry Nation, the cow that topped the Harding sale last spring at over \$800. He is also the sire of Messrs. Watts & Sons' show and breeding bull, Sentinel. All the cows in this sale bred since March are in calf to Grand Count. Those bred prior to that time are in calf to Mysie's Gloster. Some of the calves at foot are by this same bull, while others are by Philo Hay, he by Imp. Charmer and out of Imp. Ruddington Daisy. Application should be made direct to Mr. G. J. Mack for his beautiful catalog of this dispersion sale.

NORTON'S CRUICKSHANK BULLS.

To the breeder who wants a herd bull whose breeding is along the most approved lines and whose individuality will entitle him to a place among the foremost in the land, we would direct him to that noted Cruickshank breeder, Mr. C. C. Norton, of Corning, Iowa. At the present time he has a few young bulls that are entitled to go to the head of the best herds in this country. Among this number is a two-year-old called Sultan. He is a son of Imp. Bapton Admiral and is out of a daughter of Imp. Salamis. He is a Cruickshank Secret, a red in color and of decided showy yard type. This bull is one in a thousand and is good enough to head any herd in America. He is particularly good in his lines, both top and bottom, and his head and horns are about perfect. Another very promising yearling is called Cinch. He was sired by Banker's Victor out of a daughter of Imp. Salamis, and his granddam was by Imp. Bandmaster. His third dam is Imp. Charly, bred by Mr. Duthie, and one of the best cows imported by Mr. Luther Adams. He also has a couple of good Duchesses of Gloster bulls for sale and a good Lavender bull. The man who is wanting a good herd header will not be disappointed in these bulls. We know of no herd where we could direct a breeder to go and get as good bulls as these we have mentioned above. If any of our readers are wanting a bull of this kind it will pay them to make a trip to see these bulls.

COMBINATION SALE OF ANGUS CATTLE AT HARTWICK, IOWA.

A prominent sale of Aberdeen Angus cattle will be held on the farm of Mr. M. D. Korns, three-fourths of a mile southeast of Hartwick, Iowa, on Friday, October 19th, at which time forty-six head of choice Angus cattle will be sold, divided as follows: Thirty-four females and twelve bulls. This combination sale is made up from choice selections from the well-known herds of M. D. & C. G. Korns, of Hartwick; A. H. Kimble, of Ladora; U. S. Grant, of Brooklyn; Wm. Dickson, of Hartwick, and H. H. Reed, of Marengo. It is a choice lot of cattle from every point of view. Hartwick is located on the Belle Plaine & What Cheer branch of the C. & N. W. Ry., and about four miles and a half from Victor, Iowa, on the main line of the C., R. I. & P. Ry. Free conveyance will be in waiting for parties coming over the Rock Island, at Victor. Col. Silas Igo and J. L. McElrath will perform on the auctioneer's stump. The selections from these herds have been made with the end in view that the cattle sold would be such as would prompt those who purchased to come to this Angus center from year to year for further stock. There will be a choice lot of cows and heifers in this sale that are either well forward in calf to the leading herd bulls of these respective breeders or will have calves at foot by these same bulls. Messrs. M. D. & C. G. Korns are consigning animals sired by, bred to or have calves at foot by, such sires as Gay Blackbird Jr., a grandson of the noted Gay Blackbird, Blackwood Jim, a double bred Blackbird sired by Blackbird Jim, dam Blackwood 2d. The bulls in the Korns Bros. consignment are, with one single exception sired by the great Blackbird bull, Blackbird 3d, one of the choicest bulls of the breed. This exception is the splendid Pride bull, Walnut Dell Prond R., whose sire is Royal Blackcap 3d, he by Black Jam, a son of Jim Jam and out of Blackcap 8th by Black Monk, her dam being Blackcap 5th out of Blackcap 2d, a full sister to America's champion bull, Black Knight. Blackcap 2d was out of Blackcap, the greatest Angus cow, and for that matter the grandest beef cow ever imported to America from Sir George McPherson Grant's celebrated Ballindalloch herd. This beautiful young bull's dam was Pride of Glendale 13th, she by Golden Abbott. Her dam is Pride of Glendale 5th by Roseleen and out of Pride of Glendale 2d by Peerless Knight and out of Pride of Huntley Grange, she by Energy of Ballindalloch and out of the Pride cow, Pride of Aberdeen 10th. This bull contains in his pedigree as much prize-winning blood as it is possible to find in this celebrated breed, and from an individual standpoint, this young bull is fully worthy of the rich pedigree that goes with him. The families consigned by Messrs. Korns Bros. are Prides, Drumlin Lucys, Kinchroty Favorites, Alicas, Easter Tulloch Margarets, Rose of Clockhills and other well-known families. Mr. A. H. Kimble is contributing an excellent consignment of Prides, Miss Copelands and Princesses. He is selling a most excellent cow in Pride of Glendale 24th. This is a beautifully-bred Pride of Aberdeen cow that is a regular breeder and splendid producer. He also sells Longbranch Veta, a full sister to the noted show cow, Valleta of Longbranch; also a heifer of hers sired by the Imp. Blackbird bull, Blackbird Royal. All of Mr. Kimble's females of breeding age have calves at foot or are safe in calf to the Queen Mother bull, Black Roselawn, sired by the show bull, Mayor of Veta 2d, Mr. U. S. Grant consigns a choice lot of Queen Mothers, Nosegays, Alicas, etc. One of these being a choice Queen Mother cow by Black Jock of Alta, he a son of Wellington's Pride. A number of other good ones consigned by Mr. Grant are by his former herd bull, Silhouette, a Queen Mother bull bred by Mr. Willis Sturges. His consignment of bulls were all sired by this animal. Most of his females are well forward in calf and present a useful lot. Mr. Harry H. Reed is only listing five head for this sale. They are Blackbirds, Green Ladies and Princesses.

He sells a splendid two-year-old Blackbird bull in Blackbird Lord. This is a choicely-bred bull, both sire and dam being bred at McHenry Park. The four females consigned by Mr. Reed are by Jeffrey 2d, Oakfield, Black King and Black Roselawn. Mr. Wm. Dickson only contributes three head, two heifers and an exceptionally good, young bull, just one year old, sired by the McHenry-bred Blackbird bull, Bernier, a son of Imp. Proteros. The heifers consigned by Mr. Dickson are of the Lady Franklin and Rothiemay Queen families. Taken altogether this is a very desirable lot of practical, useful cattle. It is the aim and desire of all the breeders contributing to so establish themselves by offering good cattle at this, their initial sale, that in the future when their fellow breeders and farmers desire to purchase some useful doddies they can find in this vicinity as good cattle offered by as responsible men as can be found anywhere. The catalogs have been somewhat belated, but are now ready to mail to all Homestead readers who make application on postal card or by letter to Mr. C. G. Korns, sale manager, at Hartwick, Iowa.

CASTLE'S DUROC SALE—LAST CALL.

On page 38 of this issue will be found the final announcement of an important Duroc Jersey sale, that of Messrs. E. M. Castle & Son, of Joy, Ill. This firm have been buying in the best sales and from the best herds and their offering will not disappoint any one in search of good stock. At the head of their herd they are using three extra good boars: De Soto's Model 33131, by De Soto 15155, is an extra good breeder. His dam, Kansas Beauty 66200, is by London's Jumbo 15125, the by Jumbo Red, a half brother to Ohio Chief. Another of the herd boars is Iowa Plummer. His dam, Clover Belle 60750, is by American Royal, he being first and champion boar at Nebraska State Fair, 1904, and a winner in other big shows. Prairie Acrobat is the last of the herd boars. He is a grandson of None Such, the sire of Hanley and his dam, Sarah Muller, comes from the Muller family of sons which made the herd of Messrs. T. W. Stoner & Son noted throughout Duroc circles. In the sale consignment which consists of fifty head the get of Champion Paul, he by Oom Paul (the boar which won more first and sweepstakes ribbons than any boar living or dead), are represented by three good boars and a gilt farrowed March 10th. The dam of this litter is by Tip Top Notcher, two boars by Proud Advance and out of Coral Suen by Parnell Banner should attract the attention of breeders looking for herd boars. A boar by Tip Top Notcher and out of Sue C., by Kruger, the sire of much of the good stuff in the noted herd of Mr. Ora Jackson, will please some one in search of such a boar. Three boars by Major R., and out of McCabe's Dream, by a Top Notcher, are an extra good bunch. A very fine yearling son by Richie Perfection, he by Van's Perfection, is found in Interstate Lady. She should attract the attention of some breeder who wants to secure an extra good sow. The offering is made up of useful stock and the breeding cannot be excelled. As this is Mr. Castle's first sale he has put in stock that under other conditions would have been reserved. The catalog tells the story and will be mailed to all who write for it as per the announcement on page 38 of this issue. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Messrs. Castle, will be properly handled. Kindly mention this paper when writing.

FEMALES IN WOODLAND DISPERSION.

No breeder of Short-horn cattle, or any reader of this paper in search of good Short-horn cattle, should overlook the unusual opportunity to secure excellent Scotch and Scotch-topped cattle as presented in the dispersion of the Woodland herd, the property of Mr. W. I. Wood, of Williamsport, Ohio. One hundred head will go under the hammer on Thursday, October 18th, at Washington C. H., Ohio. This herd represents the work of a life time. Mr. Wood's father laid a most excellent foundation and the work has been carried on by his son, as will be evidenced by the offering which has been cataloged for this sale. The bull portion has been presented to readers of this paper. This week we wish to call attention to some of the females in the offering. It would be impossible to go into detail regarding the offering, but we wish to go on record as saying that few if any sales of recent years contained as many good cattle as will be found in this herd. Seventeen head are sired by Imp. First-in-the-Ring 162100, and about twenty head are bred to him; fourteen head are sired by Choice-of-the-Ring 187237, and about sixteen head are bred to him; eight head are sired by other sons of Imp. First-in-the-Ring, and five head are bred to them; five head are sired by Woodland Sultan 214548; two head are sired by Whitehall Sultan. Others are sired by Woodland Coronet, Monarch Abbotsburn, Nominee, Lovet Champion and other good young bulls. Forty head are sired by Imp. First-in-the-Ring and his sons, and fifty head are bred to Imp. First-in-the-Ring, Choice-of-the-Ring, Woodland Coronet and other sons of Imp. First-in-the-Ring. One of the best producing cows in the herd is Imp. Scottish Nell. She is the dam of Woodland Coronet, one of the herd bulls consigned to the sale, and Woodland Nell, she by Choice-of-the-Ring, 43d Duchess of Gloster by Knight of the Thistle is another of the good ones. She is safely in calf to service of Imp. First-in-the-Ring since April. Missie W., a Marr Missie by Whitehall Sultan, has been a very good producer. She is safe in calf to Choice-of-the-Ring since January. Proud Fancy 2d is the daughter of First-in-the-Ring and Imp. Proud Fancy the dam of Choice-of-the-Ring. This heifer should go to some good herd. A full sister a year younger, Proud Fancy 3d, is also included. Isabella of Woodland 6th is a grand, good heifer by First-in-the-Ring. She is safe in calf to Woodland Coronet. Imp. Dalmeny Duchess 5th by the Duthie-bred bull, Dictator, is one of the grand, good cows of the sale. She is a good milker and easy feeder and has a red bull calf at foot sired by Imp. Pride of Scotland 195715. Spicy of Broaddale 9th represents the noted Spicy family which have done as much if not more to make the herd of Mr. H. F. Brown noted throughout Short-horn circles. She is safe in calf to First-in-the-Ring. There are in this offering numerous representatives of the most noted families. No breeder can afford not to be present sale day. The breeding, individu-

ality, quality and type of this offering are such that we feel that this opportunity should not be overlooked. The heifers are a most promising lot and are fit to go into the best herds. The farmer or breeder who wishes to secure some extra good Short-horns should plan to be present sale day. The catalogs are now being mailed and are highly illustrated with photographs of cattle consigned to this sale. Every reader of this paper interested in good Short-horns should write at once for catalog, kindly mentioning this paper.

HIGHLY-BRED HIGH-CLASS ANGUS AT AUCTION AT ALEDO, ILL.

The Mercer county breeders, who will hold an auction of Angus cattle at Aledo, Ill., on October 23d, have struck the keynote, by selecting for it only meritorious animals, all agreeing that the cull should have no place there. The most fashionable families are represented and individually the offering is one of the best that will go under the hammer this season. C. A. Bopes, of Reynolds, Ill., who owns one of the largest and best herds of Angus cattle in America, consigns about seventeen head on this occasion. He has used in the herd two Estill-bred stock bulls, viz.: Eugene Estill and Black Knight of Estill 8th, both of which did grand service. The present stock bull, Royal Blackcap 2d, is a double Blackbird of the Blackcap strain, he being sired by the noted Black Jam and out of a dam that is a full sister to the champion Blackcap King. Royal Blackcap 2d is believed to be the best and best-bred Blackbird bull in service today. A son and several daughters of this bull are included in the auction by Mr. Bopes. The bull, Palamon B., calved March 13, 1905, is a Ballinalloch bred, descending maternally from Imp. Katinka, a daughter of the renowned Young Viscount, and the pedigree is topped with the most famous of Blackbird blood. Palamon B. is a youngster of grand scale, excellent back and well quartered. He certainly has claims as a high-class herd head. A very highly-bred Blackbird heifer is Blackbird of Hamlet 8th, just turned two years old, and intensely bred along Blackbird lines. She was got by the double Blackbird bull, Knight of Estill 5th. The second dam, Blackbird of Sunny Slope, was by the double Blackbird bull, Bunce, a son of the celebrities, Imp. Bushranger and Imp. Blue Ribbon, the highest-priced animals of their breed in America in their day; while the third maternal dam was by the celebrated Young Hero and out of the record-breaking cow, Blackbird of Corsica 2d, a Highland Society champion and first cow of the breed to bring \$2,000 in America. She is in calf to the Trojan-Erica bull, Gilt Edge, bred by Mr. McWhorter, sired by Scottish Boy and out of Imp. Una, and being used on the Royal Blackcap 2d heifers by Mr. Bopes. A richly-bred Trojan-Erica heifer is cataloged in Erinna of Hamlet 5th. She is Blackbird-topped and descends maternally from Erica 3d, the dam of the renowned Young Viscount. There is also a handsome Queen Mother heifer consigned by Mr. Bopes, and some Shaempston Duchesses and Webster Fowls Queens that for type and the characteristics that have made the breed famous would indeed be difficult to surpass. They are valuable and useful animals in maintaining the standard of excellence of the breed. They are topped out with the most fashionable and Erica blood and should be appreciated by the best breeders. The catalog should prove interesting and will be mailed as per advertisement on page 40.

OPPORTUNITY HEREFORD SALE

On page 34, Sale Manager D. R. Mills, of Des Moines, Iowa, advertises the "Opportunity" Hereford sale at Mt. Pleasant, Iowa, Tuesday, October 30th, to take place in the fair grounds sale pavilion consisting of some sixty head, three-fourths of which are young cows and heifers, with numerous calves and about fifteen choice young bulls, consigned largely by Henry county breeders whose names are enumerated in the advertisement. In considering the excellent lot of females that have been gotten together by Mr. Church for this sale it would be hard to individualize, as both in breeding and in merit they are so uniformly good that a reference to one could be applied equally as well to another. They are largely one, two and three years old, with but two or three exceptions and find in their pedigrees very close up the names of the great show bulls, Phil Amor, Corrector, Eureka and others equally as meritorious. One of the young bulls is a son of Wilton Alamo 6th, he by Wilton Grove by Sir Wilfred, with The Grove 3d in another branch of the sire's pedigree, and Corrector not far off in the pedigree of the dam. Mr. Wright's three head are strictly fashionable in their blood lines, one of them being a daughter of Wilton Alamo 6th; another of Alto Beau 8th, and another of Pre-emptor, one of Messrs. Gudgeon & Simpson's best productions. They are one, two and three years old and a reference to their pedigrees would prove their merit in that respect. The three bulls and one cow which Mr. J. B. Brook, of Bentonport, Iowa, sends forward are all by Columbus 51st, he by Columbus, and back of that Earl of Shadeland 41st, Garfield and Thickset. One of them is from a dam also strong in the blood of old Garfield through the Peerless Wilton tribe, with a further strengthening of Anxiety blood. Another possesses strong Earl of Shadeland breeding on the side of his dam, and the third is sufficiently well bred to justify belief in his breeding value. The cow by the same sire has several Anxiety crosses on the side of her dam. She is but two years old and should be an attraction. The first thing in the consignment of Mr. John Sarr, Jr., is a daughter of Phil Amor, the noted son of Anxiety 3d, who, in addition to that, has on the side of her dam the names of Wilton Grove, Thickset, and a dozen other animals that have helped to make the breed famous. There is not much better in blood lines than this pedigree presents. One bull is by Roderick, he a son of Princes, that has been adding to the fame of his great sire, Lamplighter, by producing prize winners at state fairs this fall. Another cow is by a son of the great show bull, Corrector, with close Anxiety connections on the side of her dam. The Tade cattle are rich in the blood of Garfield, Lord Wilton, Regulus and others of note. Messrs. Wallbank's and Burke's cattle are a combination of Beau Real and Quickset breeding with lots of Anxiety blood in important places. Mr. Shep-

herd's Expert 220859 is a fine bull by the highest-priced animal sold at the Rockwith dispersion sale, while the dam of his other bull, Equity 220853, was one of Hockwith's best breeding cows, two of her calves selling to Mr. Funkhouser at the sale. Mr. Robinson's three young bulls by grandsons of Java and Corrector should also attract attention as well as the high-class females he has listed by a grandson of Lord Wilton and descending from Anxiety 4th on the maternal side. Catalogs are ready and will be cheerfully sent upon application to Mr. D. R. Mills, Sale Manager, Des Moines, Ia.

THOMAS & HOGSETT'S DUROC SALE.

Thursday, October 25th is the date on which Messrs. Thomas & Hogsett, of Golden, Ill., will hold their first annual public sale. This will be the fourth day of the Grand Champion Sale Circuit and the day immediately after the closing out sale of Mr. Geo. W. Seckman, at Ripley, Ill. The offering listed by this firm consists of fifteen spring boars by the grand champion boar, Tip Top Notcher; Big I Am, first-prize boar at 1904 Illinois State Fair; Buddy K. IV., first and champion boar at 1905 Illinois State Fair, and second this year in the grandest array of aged boars ever seen in a Duroc show in Illinois; Ambition, first-prize boar at Illinois State Fair in 1905 and breeders' choice for first honors in class this year, though he was given second place, and other noted sires. One herd boar called Red Jacket, he by Tip Top Notcher and out of a Perfection Wonder dam, is also included. The yearling gilts in the sale are by Big I Am, Oom Paul Jr. and are out of some of the best brood sows. Fourteen spring gilts are listed, the same breeding as the spring boars. Last week Messrs. Thomas & Hogsett made their first show at Springfield and the prize list as noted on another page of this issue tells the story. We take pleasure in recommending this firm and their stock to our readers and we feel sure that everyone in attendance on sale day will be well pleased with the offering in every way. Much of the success of the breed in Illinois is due to the good work and earnest support which Messrs. Thomas & Hogsett have given Duroc interests during the past season. Their herd is made up of tops and the sale consignment is of the useful, well-bred sort demanded and sought after by the best breeders. Catalogs are now ready for distribution and will be mailed promptly to all who write as per the announcement on page 36 of this issue. If you cannot be present sale day, bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled. Please mention this paper when writing.

GRIFFITTS' DUROC SALE.

One of the prominent breeders of Duroc Perseys in Illinois is Mr. H. B. Griffiths, of Bowen, Ill., whose first annual Duroc Jersey sale will be held on Friday, October 26th. Mr. Griffiths has selected from his herd only such stock as will please discriminating buyers. It is his wish and aim that when he issued an invitation to the Duroc Jersey breeders of the central West the offering would be such that no disappointment would be felt by those attending his sale. We are sure that for usefulness and profit few better lots will be sold this season. The blood lines represented in this offering include the best known to the breed. The consignment listed includes five fall yearling gilts, ten spring gilts, four sows, two of which will sell with litter at side, three yearling boars, eight fall yearling boars, ten spring pigs of choice breeding, including two boars out of Helen Blazes V., litter sister to Helen Blazes III., the \$1,000-sow in the Fagan, Browning, Hess & McCahe sale last winter. To the breeder who wants the top breeding coupled with show-yard individuality, this sale offers unusual opportunities. The individual makeup of the offering includes the get of such noted boars as Tip Top Notcher, grand champion boar at World's Fair; Top Notcher Chief, junior champion and reserve grand champion boar at World's Fair; Fancy Orion Chief, one of the best sons of Orion Chief, a World's Fair winner; Big I Am, first-prize boar Illinois State Fair 1904; Ambition, first-prize boar Illinois State Fair 1905; Hanley, first at Ohio and Indiana State Fairs 1905; Golden Echo, and Griff's Banner, a grandson of the World's Fair winner, The Lad For Me. This collection of blood lines backed by superior individuality is certainly worthy the consideration of every Duroc breeder. Catalogs will be sent to all who are interested in good Durocs if they will write Mr. Griffiths as per the announcement on page 36. If you cannot be present sale day, bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled. Kindly mention this paper when writing.

GREER'S DUROC SALE.

The Grand Champion Sale circuit of Duroc Jerseys will be opened on Monday, October 22d, by Messrs. M. W. Greer & Son, of Rushville, Ill., who offer for sale at public treaty on that date forty-five head of choicebred Durocs. On account of the superior railroad facilities Messrs. Greer have decided to hold their sale at Bushnell, Ill. The offering includes twenty-five fall sows, ten fall boars and ten or twelve head of March pigs. The get of Tip Top Notcher, Oom Paul, S. A. Douglas, Gold Dust, Kruger II., Toko Paul (first prize boar Illinois State Fair last week), Kruger Again and Buddy K. IV. make this offering one of the best ever sent through the auction ring. We quote from the catalog in regard to this good offering: "We have thus far been able to dispose of our surplus stock at private sale, and are not a little proud of the fact that we have had a very good trade among our friends and neighbors close at home, and also of the further fact that we have supplied herd herders for some of the best herds in several different states. As an evidence of the reputation in which our herd has been held by good breeders, we will state that when Mr. Seckman came home from St. Louis, flushed with the honors won at that great show, and wanting something extra good to use in his herd, he came to Oak Grove Stock Farm and bought Major R., and declared him to be the most phenomenal yearling he had seen that year. Also that at least four of the good things that went through his great sale last winter, and some of the good things yet at his farm, were bred by us. And again, when Messrs. Harry Browning & Co. organized for business, one of the first things they did was to come to us for a pig to place at the head of their herd, and declared

him to be one of the best they had ever seen. We have exhibited at the Illinois State Fair for several years, and at the fair of 1902 our herd won the second largest list of prizes of all herds exhibited that year. But we realize the fact that it is not a question of how many ribbons we can show, not how many good hogs we have sold in the past, but have we the stuff now? Ab, that is just what we want to prove to you, and therefore invite you to come and see." In our next issue we will have more to say regarding this offering, but would advise our readers who are in search of breeding stock of the right kind to be present on Monday, October 22d. On another page of this issue appears a report of Illinois State Fair held last week. All of the prize winners shown by Messrs. Greer are consigned to this sale. Write for catalog at once and if you cannot be present send bids to Mr. D. M. Pierce, representing this paper, in care of Messrs. Greer at Bushnell, Ill. Mention Homestead when writing.

LAURIE'S DUROC SALE.

The second day of the Grand Champion Sale Circuit of Duroc Jersey sales has been allotted to Mr. T. E. Laurie, of Jacksonville, Ill. Train service from Bushnell is such that breeders attending the Greer sale will be able at little expense to attend this sale. Immediately after Mr. Laurie's sale a train leaves Jacksonville for Mt. Sterling, Mr. Seckman having secured a special train from Bluffs, Ill., to Mt. Sterling so that all breeders may have an opportunity to attend Mr. Laurie's sale and get to Mt. Sterling in time to secure a good night's rest and get to the farm in plenty of time to look over the offering and make selections before sale commences. Mr. Laurie's consignment is made up of ten fall yearling boars, ten yearling sows and ten spring gilts. They are sired by He's Our Pride 29031, grandson of Top Notcher and Kant Be Beat; Buddy K. 20855, Mayor Junior 29315, winner of first at Illinois last year; one gilt and one boar by Gold Cloud 26131, first and sweepstakes Illinois 1904. They are a growthy lot of pigs, a good bunch all the way through. Mr. Laurie has been a liberal purchaser of the best stock to be had. An examination of his catalog reveals the fact that many of the best herds have been drawn upon for their top stuff in order to improve this herd. The offering is a choice one and the hogs are in nice breeding condition. Mr. Laurie is deserving of the support of every reader of this paper. Send for catalog at once and plan to be present sale day. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Plan to be present on Tuesday, October 23d. Mention The Homestead when writing.

LAST CALL FOR BLAIN'S GOOD, GROWTHY POLANDS.

The opportunity has been presented to get a hog that has license to grow into a 700 to 900-pound hog. The Blain herd has not only produced the big kind, but has furnished enough quality to cause good crosses in most herds. The farmer is seeking a hog that has size, bone and quality combined. The Blain herd has established a trade on this type and the general cry is for something that will sire and produce enough hogs to be noticeable as well as take all parts in the hog business. Why has this herd topped the spring offerings for so many years? Simply because the people are wanting this type. Not only large hogs, as some might think, but instead, you will find them good enough to carry off the ribbons at the shows. The last Nebraska State Fair found the Blain output in the winning. The last fall sale made an average of about \$57 on an entire spring pig offering, and the prices were not at all high, but, instead, the offering was even and the buyer was there to take home a choice boar or a promising brood sow. The very best of sires have been traced to the Blain herd and we could name at least twenty of the greatest boars of this breed that have been purchased direct from this man. The herd is located at Pawnee City, Neb., and has been treated for the best results for both seller and buyer. The offering on October 17th promises to be the equal of any previous one from this herd and as many choice ones will be found as ever. The grand herd boar, Johnson's Chief, was used on many of the sows, and his get are good, strong boars and gilts. We need not call special attention to any one litter, as the entire lot afford enough strong features to be attractive and on sending a bid it might be well to say that you will leave it to the man entrusted, as it would be hard to miss out on any litter. Johnson's Chief has several very good ones. Pawnee Wonder by Glenwood Chief by Wonder's Perfection has some choice ones with as much quality as you will find in the offering. Major Blain by Blain's Tecumseh has a few good litters that will not be disappointing to you. Major M. also comes in for his share of the good ones. We are always glad to write about the Blain herd, as we feel that the purchaser will not be disappointed in any way. The offering will consist of fifty-five head of both sexes and these are as strong a lot as were ever offered from the Blain herd. If unable to attend this sale send your bid to representative of this paper or auctioneer. The sale will be held at the new sale pavilion recently erected by Mr. F. Howard. Look up the advertisement on page 38.

SHORT-HORNS AT MT. PLEASANT ON NOVEMBER 1ST.

The Mt. Pleasant, Iowa, "Opportunity" Short-horn sale is advertised by Mr. D. R. Mills, Sale Manager, on page 34, where a full list of consignors will be found. Catalogs are now ready and will be cheerfully forwarded upon application to Mr. Mills. Among the attractions, an extensive consignment of twenty head, mostly females, is included from the Cedar Lawn Stock Farm, of Mr. Philip J. Schoene, of Summerfield, Ill. A number of them are sired by Dick Taylor 12375, a son of the Scotch bull, Imp. Harvester 9278, that was a noted sire in the C. S. Barclay herd. His get were prominent in show rings, including quite a number of herd bulls that attained more than usual prominence. Other Scotch sires of prominence in these pedigrees are Ladrona, a son of the noted Harris-bred Lavender bull, Galahad; Duke of Gravois, a son of the great Cruickshank bull, Imp. Craven Knight; Goldbug, a Brawith Bud grandson of the renowned Champion of England; Grand Viscount, another Cruickshank Brawith Bud

by Lavender Viscount; Pride Perfection, son of the Duthle-bred Cruickshank Myale bull, Imp. Scottish Pride; Kirklevington Duke, a Bates Kirklevington, etc. Messrs. Grimes Bros., of Montrose, Iowa, catalog a pure Scotch five-year-old bull, Gold Stream 17721. This bull belongs to the Nonpareil family, one which stands among the most important of the Cruickshank families of Short-horn cattle. His sire was invincible, also of Cruickshank breeding, and his dam was a daughter of Imp. Spartan Hero, bred by Cruickshank, second dam by Vice Consul bred by Cruickshank, and third dam the imported cow, Nonpareil Princess. This is a Cruickshank pedigree of extraordinary strength and an enumeration of the entire line of sires as will be found in the catalog is a most convincing evidence of the breeding value of this animal. Mr. W. G. Burkhardt, of Fairfield, Iowa, contributes some females which are of the very best lines of Bates breeding, being daughters of Wild Eyes Duke 5th. This bull was a son of Royal Waterloo whose dam was also the dam of Perulated Wild Eyes, one of the most noted Bates-bred bulls in America. One of the cows, a three-year-old, traces to Imp. Waterloo Duchess 3d through a line of Bates-bred sires, largely from the noted Vaile herd. The other traces to Imp. Water Girl by Grand Duke of Waterloo and is equally valuable from a pedigree point of view. Mr. Burkhardt also includes a two-year-old Waterloo Duchess bull. His sire was Lily's Chief, a son of Imp. Matabele Chief, a superb red bull bred in Aberdeenshire, Scotland. Fuller details will be included next week. Manager Mills states that a few additional entries can be accommodated if sent in at once. For catalogs and entry blanks address Mr. D. R. Mills, Des Moines, Iowa, to whom entries should also be sent for the Kansas City, South St. Paul, and South Omaha breeders' sales.

AN IMPORTANT DUROC SALE.

Thursday, October 18th, is the date selected by Messrs. Hurlburt & Rasmussen, of Taylorville, Ill., for their fourth annual sale of Duroc Jerseys. These gentlemen have been modest in their claims regarding their stock, but the writer, representing The Homestead, is pleased to recommend the offering to readers of this paper. The pigs have not been pampered, but are offered in excellent condition for breeding purposes. The spring pigs in this sale are sired by seven different boars whose veins are filled with some of the most noted blood in Duroc history, either being prize winners or tracing directly to prize winners. At the head of this herd will be found the good boar, Kraschel's Wonder 37771, he by Allison Jr. Perfection. This boar is a strong, smooth hog, with nicely-arched hock and a dark, smooth coat; stands on the best of feet and legs and is a wonderful breeder, as the stock sired by him will show to breeders sale day. Another boar which has been used extensively is Forest Chief 24807. He was sired by Chief of Indiana, he by Chief of Ohio, a litter brother of Ohio Chief. Messrs. Hurlburt & Rasmussen have selected the tops of their herds and breeders will not be disappointed in the offering. A fall sow by Kraschel's Wonder and out of Owanecco Belle 27504, a half sister to Gold Cloud, first and sweepstakes at Illinois State Fair in 1904, will please discriminating buyers. A litter sister is equally as good, and a spring boar and gilt represent the get of this noted sow in this sale. Three fall sows and a spring litter out of Madge H., a half sister to Gold Cloud, are attractive bargains. A very nice gilt is by Gold Cloud and out of Mayor Queen by Mayor Jr. Mayor Queen was one of litter that won third at Springfield last year. Rosa K. 94758 is a two-year-old sow by Buddy T. She sells with litter of six pigs. Rosa K. II., a yearling sow out of Rosa K. has a fine litter of nine by Kraschel's Wonder which sell with her. Mr. Rasmussen's consignment is a nice one. A fall sow farrowed in September by Kraschel's Wonder and out of Owanecco Beauty by Morton's Chief, will make an attractive brood sow in the spring sales. A litter sister and a spring litter of same breeding are equally as good. A fall sow and spring litter by Kraschel's Wonder and out of Dora by Red Cloud are as good as any in the sale. An April litter of two gilts and two boars by Condo C., second prize boar at Illinois State Fair, 1903, first at same fair in 1904 and second in 1905 is out of Louise W. by Nona Such, the sire of Hanley. Louise W. was out of Echo Queen by Echo King and sells with litter of eight nice pigs. The offering is one of quality and size and breeders should arrange to be present on sale day. Bids sent to Mr. D. M. Pierce will be carefully handled. Write for catalog as per the announcement on page 38 of this issue, kindly mentioning The Homestead.

LAKEWOOD SHORT-HORNS AT AUCTION.

On page 38 of this issue will be found the announcement of Mr. H. G. McMillan's sale of forty-seven Short-horn cattle, to be sold at Rock Rapids, Iowa, October 24th. On this date Mr. McMillan will sell thirty-seven cows and heifers, all of breeding age, seven of which are Scotch of the richest lines of breeding. He will also sell ten bulls, three of them Scotch. Among the Scotch females to be sold is one beautiful three-year-old cow, Duchess of Gloster; one three-year-old Brawith Bud; one six-year-old cow called Rosette. This is a Canada-bred cow, sired by British Knight; she belongs to the celebrated Cruickshank family, the Rose of Autumn. Sadie Victoria 2d is a beautifully-bred Victoria cow sired by Scottish King. She traces directly to Imp. Victoria 71st. Ballad Lass is a choice eight-year-old cow and belongs to the Scotch Bessie tribe. A splendid three-year-old Scotch heifer we find in Evangeline; the same may be said of a nicely-bred three-year-old Orange Blossom. These comprise the Scotch families of females that Mr. McMillan is putting on the market at this time. Among the ten bulls offered are some suitable to head herds. This sale will be held the day following Mr. Hector Cowan's sale of Short-horns at Paulina, Iowa, and the accommodations for getting from the Cowan sale are ample for all those who wish to attend the great Lakewood offering at Rock Rapids the following day. All of the females in Mr. McMillan's offering are bred to that splendid bull, Morning Joy. He is a handsome, dark red Scotch, bred by the Hon. M. H. Cochran, of Hillhurst, Can. This bull belongs to the celebrated Campbell Mina family. His entire pedigree runs



MT. PLEASANT, IA.

TUES., OCT. 30 and THURS., NOV. 1.

"OPPORTUNITY SALE" of HEREFORDS and SHORT-HORNS

IN THE FAIR GROUND SALE PAVILION
ABOUT 100 HEAD OF REGISTERED CATTLE AT AUCTION.

OCT. 30.

HEREFORDS:

Consigned by A. E. CHURCH, W. T. WRIGHT, J. H. WALLBANK & SONS, JNO. BURKE, all of Mt. Pleasant, Ia.; W. A. TADE & SONS, Hillsboro, Ia.; J. V. BROOK, Bentonport, Ia.; J. L. JONES, Roscoe, Ia.; JNO. SAAK, Jr., Cantril, Ia.; G. B. ROBINSON, Marble Rock, Ia.; JNO. SHEPHERD, Danville, Ia.; AND OTHERS DESIRING TO JOIN AT ONCE.

40 SPLENDID HEIFERS and COWS with a large number of CALVES, 15 SUPERB BULLS included.

NOV. 1.

SHORT-HORNS:

Consigned by PHILIP J. SCHOENE, Summerfield, Ill.; GRIMES BROS., Montrose, Ia.; W. G. BURKHART, Fairfield, Ia.; E. D. SEAMANS, Salem, Ia.; E. J. AUGSPURGER, Pulaski, Ia.; AND OTHERS DESIRING TO JOIN AT ONCE.

INCLUDING PURE SCOTCH, SCOTCH TOPPED and BATES CATTLE of the POPULAR SORTS and DUAL PURPOSE CHARACTER. Several SCOTCH HERD BULLS, also many high-class MATRONS, with CALVES at foot included.

CATALOGS READY. APPLY TO

D. R. MILLS, Sale Mgr., DES MOINES, IA.

DON'T DELAY ENTRIES FOR THE KANSAS CITY, SOUTH ST. PAUL AND SOUTH OMAHA SALES.

I WILL SELL AT PUBLIC AUCTION, AT

EVERGREEN FINE STOCK FARM

ONE MILE WEST OF TAINTOR, IA., THURSDAY, OCT. 18TH, BEGINNING AT 12:30 O'CLOCK.

60 POLAND CHINA SWINE 60
CONSISTING OF 40 BOARS, ALL AGES, AND 20 OPEN GILTS

This is the best consignment of hogs I have ever offered to the public. They are heavy boned, growthy and full of quality, with the very best of breeding. Write for catalog.

O. R. PHELPS, PROP., - - TAINTOR, IOWA.

MARTS' DUROC JERSEY SALE

Friday, Oct. 26, 1906, at Polk City, Ia.

My offering will consist of twenty boars and twelve gilts sired by Keep On 2d, Proud Advance, Golden Rule, Col. Perfection, Model Jim, Joe Patton and Park Lad. Catalogs now ready. Address,

Prop. Union View Herd
Duroc Jersey Swine

B. C. MARTS,

Route 1
Polk City, Iowa.

rich in the best blood ever used at Collynie and Sittytton. He was sired by Imp. Joy of Morning, which was the highest-priced Scotch bull ever imported to America up to 1899. He was first sold at the Collynie sale to the late Mr. W. S. Marr for service at Upper Mill, where he was secured for the Hillhurst farm at a long price. His sire was the Cruickshank Clipper bull, Pride of Morning, the Highland Society champion at Aberdeenshire in 1894. He was also first in his class and winner of the Duke of York's medal for the best Short-horn. And in 1893 he won first in the Short-horn Society's prize of \$100 at the Royal Northern. Joy of Morning, it will be remembered, was of Cruickshank's famous Jessica tribe and was sired by the invincible Scottish Archer. Thus, it will be seen that those who secure females at the Lakewood sale bred to this great bull will have an opportunity to get something choice in the way of cows. More concerning this sale will be found in our next issue.

New Record for Durocs.

The long-looked-for sale of Mr. R. J. Harding, of Macedonia, Iowa, was held at Carson, Iowa, on October 3d and attracted breeders from Iowa, Nebraska and Missouri, while mail bids were sent from the above states and from Illinois and Kansas. The previous records for a pig was broken in this sale. Chief Model, a son of Ohio Chief and out of the great Nebraska Belle sold for \$480 and was purchased by Mr. O. E. Osborn, of Weston, Iowa. Messrs. August Son-neland, Harlan, Iowa; A. E. Poush, Charl-ton, Iowa, and A. F. Hager, Avoca, Iowa, were the bidders that remained to the last. The next highest price was \$425 for a son of Orion and out of Proud Lady, the \$1,275 sow. He went to Mr. W. A. Rankin, of Carson, Iowa. Mr. A. E. Poush being the runner up. Forty-three head averaged \$50. Chief's Model, the son of Ohio Chief, and the son of Orion, mark the highest price ever paid for a pig, and a new record has been placed to the credit of Mr. Harding's Crimson Valley herd. Colonel Callahan, assisted by Colonel Mossman, cried the sale. Below is a list of those selling for \$25 and over:

No.	BOARS.	Price.
17.	Chas. Ayer, Macedonia, Iowa....	\$ 32.50
18.	Gco. A. Robinson, Prescott, Iowa....	37.50
19.	Jas. Fender, Carson, Iowa.....	36.00
20.	Wm. Aeff, Oakland, Iowa.....	36.00
21.	Jas. Fender.....	33.00
22.	Grant Mackercel, Griswold, Iowa....	31.00
51.	J. H. Isaac, Red Oak, Iowa.....	52.50
52.	Bubert Rodengough, Macedonia, Ia.	52.50
2.	Grant Mackercel.....	72.50
1.	O. E. Osborn, Weston, Iowa.....	480.00
11.	W. A. Rankin, Carson, Iowa.....	425.00
13.	E. K. Young, Havelock, Neb.....	70.00
14.	O. L. Mossman, Polk City, Iowa.....	43.00
12.	A. E. Poush, Charlton, Iowa.....	105.00
3.	W. D. Coughell, Carson, Iowa.....	25.00
7.	J. S. Van Eton, Oakland, Iowa.....	26.00
8.	J. R. Snapple, Oakland, Iowa.....	25.00
35.	L. C. Green, Avoca, Iowa.....	40.00
49.	Sam Morgan, Jr., Henderson, Iowa.....	25.00
36.	E. W. Killion, Oakland, Iowa.....	25.00
33.	A. H. Turk, Griswold, Iowa.....	35.00

TOO LATE TO CLASSIFY.

HUMBERT & WHITE'S "Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, **Combination**. Write us for a Combination pig and get the quality that wins. Address,

F. D. HUMBERT,
Nashua, Iowa.

F. P. WHITE,
New Hampton, Iowa.

POLAND CHINA BOARS

A T Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. Davenport, - Belmond, Iowa

80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA
THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address

C. T. AYRES, Osceola, Clark Co., Iowa.

Registered Stallions & Jacks For Sale

FIVE Missouri bred jacks from 2 to 12 years, 14 and 15 hands high; 1 Hambletonian stallion; 1 Morgan stallion; also a bunch of 25 mares. Will exchange for land or draft stallion. Address,
L. SHEETS, - - - CARSON, IA.

110 POLAND CHINAS FOR SALE 110
INCLUDING 3 fall yearling and 35 spring boars of 1 Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unrelated. Write for breeding, description and prices.
Bridgford & Nesbitt, R. R. No. 3, Aledo, Ill.

Rose & S. C. Brown Leghorns

COCKERELS, hens and pullets, \$3 and \$10 per doz. Indian Runner Ducks and Buff Cochins bantams.
MRS. WILL MICHAEL, - SELMA, IA.

L'S SUNSHINE AND ONWARD.

A FEW choice Poland China gilts for sale, sired by the great boars of the Northwest and out of dams that are as good as grow. Write describing what you want to A. C. Lanham, Battle Creek, Iowa.

When writing to advertisers please mention this paper.

"Black and All Black: the Angus 'Doddle' and No Surrender!"

ABERDEEN ANGUS AT AUCTION.

AT HEATHERTON FARM, NAPERVILLE, ILL., OCT. 31, 1906, 1 P. M.

57--HEAD Prime In All Respects 40 Females-----17 Bulls. HEAD--57

Come and see if a fair selection has been made from the cattle in the Heather-ton herd. You will probably meet more Angus breeders than have assembled at a sale in recent years. Thirteen cows with calves at foot, cows in calf, heifers and young herd headers. An inspection of the Heather-ton herd in its twenty-fourth year and in its new home will interest breeders. Beginners may buy with confidence that later knowledge will not cause them to discard the blood lines chosen from this herd. The offering consists of thirteen Blackbirds, twelve Prides, eight Jilts, six Trojan Ericas, six Rose-buds, five Zaras, four Heather Blooms, etc.

Naperville is twenty-eight miles west of Chicago on the main line Burlington road and through trains and suburban service. Send for Heather-ton Herd History, second edition, and also sale catalog at once, mentioning this paper.

JOHN S. GOODWIN 184 LaSalle Street CHICAGO, ILL.

FORTY SPRING BOARS

sired by ORION CHIEF and KRUGER and out of dams by KANT BE BEAT, ORION CHIEF, CHIEF SURPRISE, COL. FINCH and other noted sires.

\$50 Buys boar related to Iowa and Illinois State Fair winner bred as above \$50

If you want an extra good spring boar, write

IRA JACKSON,

TIPPECANOE CITY, OHIO.

Mention Homestead when writing.

POLAND CHINA BOAR SALE

ON WEDNESDAY, OCT. 24, 1906

.....From the Willow Lawn herd of Messrs J. L. Miller & Sons, of Brooklyn, Iowa.....

ON the above date we will sell at public auction forty Poland China boars, twenty of which are of March farrow, the balance last fall's pigs. The fall boars are sired by J. L. Perfection 105711, a great grandson of Chief Perfection 32199. The dam of J. L. Perfection is Dickens 19278, by Gobel 61315. The spring boars are sired by W. L. Chief 105709 by Longview Chief 71057. The dam of W. L. Chief is Jilt's Favorite 215300 by Longfellow Tecumseh 63823. The boars are extra long, good full backs, and not a bad footed individual on the place. We have bought our breeding stock from the leading Poland China breeders of the state and have been in the business twenty years. The dams of some of the spring boars are Bess Chief 26824 sired by black U. S. 8455, her dam being May Chief 227423, of Chief Tecumseh strain. Longstar 263362 farrowed ten-five boars and five sows, she sired by Black U. S. 8455, her dam Starlight 2d 186983. Pedigrees will be furnished on day of sale. There will be free conveyance from Chelsea, Hartwick and Brooklyn.

J. L. MILLER & SONS, - - BROOKLYN, IOWA.

TOO LATE TO CLASSIFY.

PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. **L. H. Humbert & Son, Corning, Ia.**



TABLE BACKED HEREFORDS.
In order to make room, I offer for sale 100 females and 50 bulls, all recorded; 25 yearling heifers, 50 2-year old heifers and 25 cows, from 3 to 7 years old, heavy with calf, and 10 cows with calves at foot, 50 bulls from 6 to 36 months old; also Mastodon Poland China hogs for sale. W. W. Wheeler, Box 11, Harlan, Ia.

AN EXTRA FINE BUNCH OF COLLIE PUPS
from working parents. The kind that pays to raise. Pedigree furnished. Address, Leroy A. Itays, Rural Free Delivery No. 7, Knoxville, Iowa

JONES CO. HERD OF {Sittytton Sort 173849
SHORT-HORN CATTLE {Wampun of Way-side 243046
We have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, **G. P. Tyrrell & Son, Props., Oxford Junction, Ia.**

FOR SALE Six very fine Angora does and one Billy; also a very fine Scotch Collie dog six months old.
B. F. RICHARDSON, DUBUQUE, IOWA.

HECTOR COWAN'S 14TH ANNUAL SHORT-HORN SALE.

Tuesday, Oct. 23, at Paullina, Ia.

The fifty head cataloged include 15 Scotch females, 8 Scotch bulls, (imported and home-bred), 10 heifers by imp. Nonpareil, and 20 calves. Females bred to Nonpareil and Anoka Archer, full brother to the \$5,000 champion Ceremonious Archer. I have never offered a better lot. Send for catalog, mentioning The Iowa Homestead.

HECTOR COWAN, PAULLINA, IA.

COL. F. M. WOODS, Auctioneer.

THE TYPE THAT PLEASES ALL POLANDS THAT ARE ALL HOG

TRIGGS GETS THEM GOOD FOR HIS SALE.

AT
DAWSON, NEB., OCT. 25, 1906.

50 HEAD BOARS Bone, Feet, Growth, Vitality and Quality. **GILTS 50 HEAD**

The kind that make 700 to 900-pound hogs. Offering mostly sired by MAJOR M. by BLAIN'S TECUMSEH. He will weigh close to 1,000 pounds. Sows represent blood of KING DODO, PROUD PERFECTION, CURTIS CHIEF, ROYAL BLUE 2d, FIRST QUALITY, TECUMSEH SUNSHINE and JOE GIBBS.

My offering is the same type as the Blain hogs. I am selling a class of Poland that you will appreciate. Several choice boars that should be taken by breeders. Choice sow prospects. G. W. Segrist will attend sale.

JNO. TRIGGS, Prop. DAWSON, NEBRASKA.

Cols. L. W. Leonard, C. H. Marion, M. W. Harding, Aucts.

SALE OF IMMUNIZEDPOLAND CHINAS....

AT MY FARM NEAR FAIRFIELD, NEBRASKA, OCTOBER 26, 1906.

50 HEAD OF CHOLERA PROOF HOGS 50

Hogs with quality and size combined. The breeding that has made good the world over. Some choice yearlings: *Big Kodak, Jim Crow, Chieftain*. Very promising fall yearling sired by *McK's Choice Tec. 3d*. Several strong spring pigs of both sexes.

My list of sale stuff is par excellence. I am safe in saying that the stock will be far the best offering ever made by me. My hogs have had the run of alfalfa pastures and treated for future use. Large, roomy sows with the best of breeding. Look up field note elsewhere. G. W. Segrist will attend sale. Catalog now ready. S. & O. McKelvie sell October 25th, at Fairfield, Neb.

H. L. MCKELVIE, PROP., - FAIRFIELD, NEB.

COL. T. C. CALLAHAN, AUCTIONEER.

....STANLEY'S ANNUAL SALE OF POLAND CHINAS....

AT FARM NEAR SHERIDAN, MO., MONDAY, OCTOBER 22, 1906.

20 BOARS OF FALL AND SPRING FARROW. SOME HERD HEADERS HERE.

25 SOWS. SIX TRIED BROOD SOWS. OTHERS ARE OF FALL AND SPRING FARROW.

JOE Profit a sow of Joe C. an Ohio prize winner and Giant Perfection and of Ferd Rood's great sow Giantess are the principal sires. Joe Profit goes in the sale. *Chieftain* Wray's Front Rank, Vanguard, Shamrock and other great sires. All are the large heavy bodied and I know they will please you. Write for catalog which gives full particulars.

A. O. STANLEY, - SHERIDAN, MISSOURI.

56---POLAND CHINAS---56

To be sold at Young's Livery Barn in Corning, Iowa, on Saturday, Oct. 20, 1906, commencing at 1:30 o'clock sharp. Consisting of two tried yearling boars; nineteen fall boars; twelve spring boars; twenty three tried sows and gilts. Some sows with young litters.

THE boars and gilts are sired by Ideal Perfection 38309, Move On 2d 36805 and Mouw's Chief. Mahr's Perfection 40604 and Mouw's Chief are included in this sale. Mahr's Perfection bred by E. L. Jimison, Oneida, Ill., is a good hog and should head a good herd. Mouw's Chief bred by Peter Mouw, Orange City, Iowa, is one of the large kind, is a good breeder and should head a herd for someone. Our fall boars are good growthy, heavy boned, lengthy fellows and any one wanting a fall boar should attend this sale—they are scarce. Come, help yourself; we furnish the goods—you make the price.

G. H. & J. L. MAHR, Piper Bros., Aucts., Brad Newcomb, Clerk. CORNING, IOWA.

...COMBINATION SALE...

OF

ANGUS CATTLE

**TO BE HELD IN THE SALE PAVILION AT
MORNING SUN, LOUISA CO., IA.,
ON THURSDAY, OCTOBER 25, 1906.**

This is a select draft of thirty-nine head from the herds of McElhinny & Cubit and S. E. Edgar, of Morning Sun, Iowa, and consists of nineteen cows from three to eight years old, fifteen yearling and two-year-old heifers, and five young bulls. This is no "housecleaning" sale, but a bunch of high-class cattle. Here the buyer can find cows in their prime with calf at foot and rebred, or young heifers, with all their usefulness before them, or bulls to sire the "market-topper." The families represented are: Baroness, Chloe, Brucehill Violet, Drumin Lucy, Georgiana, Jennet, Miss Morrison and Zara. Arrange to attend this sale, where you can see representative animals of "the breed that beats the record." For catalog, address

**...W. K. HENSS, SALE MGR...
WAYLAND, - - - IOWA.**

COL. SILAS IGO, AUCTIONEER.

PRIZE WINNING O. I. C. SWINE AT AUCTION At Independence, NOV. 2 Missouri,

35 BOARS.

25 SOWS.

The blood of Kerr Dick, the World's Fair junior champion, and Big Mary, the champion sow, predominates. My Missouri State Fair winners will prove attractions unsurpassed in the history of the O. I. C.'s. Among these are the first and second prize over six and under twelve months boars, the first and second prize gilts and many others. These will be shown at the American Royal where further honors will be added. I think I can show you the greatest lot of O. I. C.'s ever seen in one herd or sale ring. Sale in town, forty-five minutes from Kansas City on electric line. Write today for catalog, mentioning this paper.

Col. J. W. Sparks,
and others,
Auctioneers.

O. L. Kerr, Independence, Mo.

**CHAPMAN'S
LARGE,
ROOMY**

POLANDS

Will be offered at his farm near Du Bois and Paw-

50 nee City, Neb., on Oct. 23, 1906. **50**
Head of Real Choice Poland Chinas

With size, bone, feet and quality. The get of King Do Do by Long Fellow by Johnson Chief. The opportunity to improve your herd at moderate expense. My list of sale stuff is far the best ever offered by me. I am confident that they will do you much good. My boars are large, roomy fellows. The gilts represent good, strong sows. They should make great brood sows. Catalog now ready.

Col. Leonard, **H. S. Chapman, Prop., Du Bois, Neb.** G. W. Segrist will attend sale

THE Grand Champion Sale Circuit

OCT.
22nd
to
27th,
1906.

OF DUROC JERSEYS

Oct.
22nd
to
27th,
1906.

The Tops of the Six Leading Herds of Illinois.

More High-class Hogs, More Real Show Hogs, More Prize Winners and Champions Than Was Ever Offered For Sale, Either Public or Private.

Monday, Oct. 22

**M. W.
GREER &
SON**

of Rushville, Ill.

At Bushnell, Ill.

45 HEAD

Will make the opening offering in this great circuit. Forty-five head, consisting of 25 fall sows, 10 fall boars and 10 or 12 head of March pigs. The crowning effort of years of careful breeding and mating the blood of Tip Top Notcher, Oom Paul, S. A. Douglas, Gold Dust, Kruger II., Tokio Paul Kruger Again and Buddy K. IV. See the "Invincible Eight," the fall litter by Tip Top Notcher out of the Improver sow. This great sensational litter goes in the sale. Send to Rushville for catalog. Sale will be held at Bushnell.

Thurs., Oct. 25

**Thomas &
Hoggsett**

SALE OF

**45 Head of
Tops.**

Golden, Illinois.

45 HEAD

Fifteen spring boars by Tip Top Notcher, Big I Am, Buddy K. IV., Ambition and other noted sires. One herd boar Red Jacket, he by Tip Top Notcher and out of a Perfection Wonder sow. The yearling gilts by Big I Am, Oom Paul, Jr., and some of our best brood sows. Fourteen spring gilts, the same breeding as the spring boars. The best on the farms go into this sale. Send for catalogs.

Tuesday, Oct. 23

**T. E.
LAURIE**

SALE OF

40 Head.

Jacksonville, Ill.

**10 fall yearling boars,
10 yearling sows and
10 spring gilts.**

Sired by He's Our Pride 29031, grandson of Top Notcher and Kant be Beat; Buddy K. 2080; Mayor Junior 29315, winner of first at Illinois last year; one gilt and one boar by Gold Cloud 26131, first and sweepstakes Illinois 1904.

A growthy lot of pigs. A good bunch all the way through. Send for catalog. Special train immediately after my sale for Mt. Sterling.

Friday, Oct. 26

**H. B.
Griffitt's**

SALE OF

40 HEAD

Bowen, Illinois.

**2 yearlings, 10 fall yearlings,
8 spring boars, 5 sows, 5
fall gilts and 10 spring gilts.**

The breeding cannot be excelled. The blood of Hanley, Tip Top Notcher, Big I Am, Ambition and other noted boars. Top Notcher Chief and Fancy Orion Chief at head of herd. Send for catalog.

Wed., Oct. 24

Seckman's

Closing Out
Sale of

200 Head

Ripley, Illinois.

100 HEAD

sired by the great Tip Top Notcher, crowned king of the breed. Twenty head of fancy show boars, the best ever sired by this great boar. 15 head of the choice sows in the herd, queens of the breed, bred for fall litters to Tip Top Notcher, Ohio Chief II. and Silkworm, 20 fall yearlings and every one a show sow. All the Gold Dust families. Gold Dust herd made the sensational show record at St. Louis World's Fair, winning 12 prizes on eight head, champion and grand champion boar and champion herd of Illinois and is still able to maintain its high record. Send for catalog. It tells the whole story of this sensational offering.

Saturday, Oct. 27

**Cutler, Reil
& Cooper**

WILL ON THAT DAY
SELL

40 Head

At Ferris, Illinois

**20 Males and 20 Fe-
males. - Tops from
250 Head.**

The offering will include both spring and fall pigs, of royal blood. The sires of some are Top Notcher King, Pilot Bop, Illinois Chief, Hanley, Double Track, Roosevelt G., Red Gold and Chief C. Free accommodation and a good time guaranteed with a lot of herd headers at your own price. Write for catalog and come to the sale.

Send Bids to Mr. D. M. PIERCE, Representing This Paper.

CLOSING OUT SALE

OF MY ENTIRE HERD OF
SCOTCH AND SCOTCH TOPPED

Short-horn

70 **Cattle** **70**
HEAD **HEAD**
30-HEAD SCOTCH-30

Anita, Ia., Thursday, October 25, 1906

A Few Samples of What Will Be Sold.

Lot 1. **EMILY T.**
Roan; calved Aug. 12, 1903. Bred by C. E. Townsend, Anita, Iowa.
DAMS. SIRE. BREEDERS.
Got by Imp. Chamberlain's Heir 2d 157365. P. L. Mills
Canute's Orange Lassie 2d Canute 106716 W. A. Harris
Princess Orange Blossom Golden Prince 75068 D. Cookson & Son
Orange Blossom of Cedar 9th General Garfield 41958 A. E. Kimberly
Lot 2. **VICTORIA PRINCESS 3d.**
Red; calved Sept. 20, 1900. Owned by C. E. Townsend.
DAMS. SIRE. BREEDERS.
Got by Prince Nonpareil 116882 Geo. W. Lyle
Glen Victoria 5th Prince President 77023 A. Cruickshank
9th Linwood Victoria Thistle Top 83876 A. Cruickshank
Victoria 52d Viscount 18507 A. Cruickshank
Lot 20. **IOWA MYSTIE.**
Red; calved Aug. 23, 1900. Owned by C. E. Townsend.
DAMS. SIRE. BREEDERS.
Got by Victoria Monarch 2d 139593 Albert Harrah
Mysie of Riverside Saxon Knight 110108 W. A. Harris
Mysie Cromwell 3d Cromwell 111415 R. S. Nicholson
Mysie Cromwell Cromwell 111415 R. S. Nicholson
Lot 7. **CANUTE'S ORANGE LASSIE 2d**
Red; calved April 21, 1901. Owned by C. E. Townsend.
DAMS. SIRE. BREEDERS.
Got by Canute 106716 W. A. Harris
Princess Orange Blossom Golden Prince 75068 D. Cookson & Son
Orange Blossom of Cedar 9th General Garfield 41958 A. E. Kimberly
Orange Blossom of Cedar 2d Duke of Richmond 21525 J. Bruce
Lot 8. **BUTTERSCOTCH.**
Red; calved Aug. 4, 1904. Bred by C. E. Townsend, Anita, Iowa.
DAMS. SIRE. BREEDERS.
Got by Sovereign Cupbearer 174431 M. E. Jones
Victoria Princess 3d Prince Nonpareil 116882 Geo. W. Lyle
Glen Victoria 5th Prince President 77023 A. Cruickshank
9th Linwood Victoria Thistle Top 83876 A. Cruickshank
Lot 4. **LULA.**
Roan; calved Sept. 15, 1903. Bred by C. E. Townsend, Anita, Iowa.
DAMS. SIRE. BREEDERS.
Got by Imp. Chamberlain's Heir 2d 157365. P. L. Mills
Victoria of Brookside Prince Nonpareil 116882 Geo. W. Lyle
Victoria of Riverside 3d Lovely Prince 120061 Isaac Johnson
Victoria of Riverside Saxon Knight 110108 W. A. Harris
Lot 3. **BROOKSIDE RUBY.**
Red; calved Aug. 7, 1904. Bred by C. E. Townsend, Anita, Iowa.
DAMS. SIRE. BREEDERS.
Got by Sovereign Cupbearer 174431 M. E. Jones
Brookside Orange Duchess Canute 106716 W. A. Harris
Princess Orange Blossom 5th Bandmaster 96032 A. Cruickshank
Princess Orange Blossom 2d Golden Prince 75068 D. Cookson & Son
Lot 5. **MADGE.**
Red; calved Sept. 28, 1905. Bred by C. E. Townsend, Anita, Iowa.
DAMS. SIRE. BREEDERS.
Got by Cupbearer 174431 M. E. Jones
Brookside Orange Duchess Canute 106716 W. A. Harris
Princess Orange Blossom 5th Bandmaster 96032 A. Cruickshank
Princess Orange Blossom 2d Golden Prince 75068 D. Cookson & Son
Lot 6. **ANITA QUEEN.**
Red; calved Nov. 1, 1904. Bred by C. E. Townsend, Anita, Iowa.
DAMS. SIRE. BREEDERS.
Got by Sovereign Cupbearer 174431 M. E. Jones
Victoria of Brookside Prince Nonpareil 116882 Geo. W. Lyle
Victoria of Riverside 3d Lovely Prince 120061 Isaac Johnson
Victoria of Riverside Saxon Knight 110108 W. A. Harris
Lot 18. **BROOKSIDE ORANGE LASSIE.**
Red; calved July 25, 1900. Owned by C. E. Townsend.
DAMS. SIRE. BREEDERS.
Got by Prince Nonpareil 116882 Geo. W. Lyle
Orange Blo'sm of G'n F'm 3d Canute 106716 W. A. Harris
Orange Blo'sm of G'n F'm 2d Prince President 77023 A. Cruickshank
Orange Blo'sm of G'n F'm Prince President 77023 A. Cruickshank
SOVEREIGN CUPBEARER 174431.
Red; calved Oct. 16, 1901. Owned by C. E. Townsend.
DAMS. SIRE. BREEDERS.
Got by Imp. Chamberlain's Heir 2d 157365. P. L. Mills
Queen Cupbearer Imp. Cupbearer 91223 Wm. Duthie
Autumn Rose Ex. Harmony 56338 S. E. Prather
Imp. Autumn Queen Ben Wyvis 19024 A. Cruickshank
Lot 36. **CUPBEARER'S PRIDE 251864.**
Red; calved March 11, 1905. Bred by C. E. Townsend, Anita, Iowa.
DAMS. SIRE. BREEDERS.
Got by Sovereign Cupbearer 174431 M. E. Jones
6th Nonpareil Canute 2d 136178 Albert Harrah
4th Nonp. of South View 9th Barrington Duke of South View 123057 A. Cruickshank
2d Nonp. of South View 24th D. of Barrington 107238 A. J. Alexander
VICTORIA PRINCE.
Red; calved July 20, 1905. Bred by C. E. Townsend.
DAMS. SIRE. BREEDERS.
Got by Sovereign Cupbearer 174431 M. E. Jones
Victoria Princess 3d Prince Nonpareil 116882 Geo. W. Lyle
Glen Victoria 5th Prince President 77023 A. Cruickshank
9th Linwood Victoria Thistle Top 83876 A. Cruickshank

This will be one of the great opportunities of the season to start a herd, and there will never be a better place to secure a foundation. Catalog now ready, write for it. Address,

C. E. TOWNSEND

Cols. Woods & Bellows,
Auctioneers.

ANITA, IOWA.

... L. C. REESE'S PUBLIC SALE ...

OF
SCOTCH AND SCOTCH TOPPED

Short-horn Cattle

AT PLAINVIEW FARM 4 AND ONE-HALF MILES SOUTHEAST OF
..... PRESCOTT, IOWA, AND 7 MILES NORTH OF LENOX, IOWA

MONDAY, OCTOBER 22, 1906

16 COWS AND HEIFERS AND 7 YOUNG BULLS

Including the yearling Scotch bull MY CHOICE, sired by Vermouth and out of Imp. Carnation. About half of the offering are sired by Vermouth, and the cows and heifers are bred to SARCASM'S COUNT, one of the most richly-bred Cruickshank bulls in southern Iowa.

CHESTER WHITE HOGS

EVERY ANIMAL THAT GOES INTO THIS SALE WILL
..... be a Prize Winner or sired by a Prize Winner

35 Head of my best Boars and Sows

For the past fourteen years I have been a leading winner in all the leading western show rings, and I am now offering the best I have in this sale. All my tops have been reserved for this sale. The sale of hogs begins at 10 a. m.

SHROPSHIRE SHEEP

I am closing out my sheep and will sell fifteen head of Shropshires. These are all sired by an imported ram and there is an imported ewe in the bunch. Write for catalog and be sure to come to the sale. Address,

L. C. REESE, PRESCOTT, IA.

Cols. Geo. P. Bellows and J. West Jones, Auctioneers.

W. E. MARRS' SALE OF Duroc Jerseys

At Albany, Mo., Tuesday, October 23.

25 BOARS.

25 SOWS.

These are largely the get of Pilot J. 26311, he by Pilot 12075. His dam, Dora, was got by Elmo 7175. Pilot J. was formerly used in R. J. Harding's great herd. The dams are daughters of the great show boar, Improver II., Cole's Duroc, Masterpiece and Golden Duke. The Improver and Cole's Duroc sows were bought at the great Bowman & Fitch dispersion. I think I have hogs to please you. Send for catalog, mentioning this paper.

W. E. MARRS, ALBANY, MO.

Public Sale of East Linn Durocs.

To be held at
East Linn Farm, 4 miles Northwest of Springville,
Linn Co., Iowa, Tuesday, October 16, 1906.

20 Boars---20 Gilts.

Sired by Iowa Chief 37453, Rosewood 31345, Cracker Jack 38885 and King Perfection. All prize-winning boars and sires of prize winners. The pigs are the tops of my spring crop, nothing being reserved, and they are an exceptionally good lot, smooth, growthy and strong boned. My catalogs are ready; let me send you one. Address,

W. S. PENN, Col. J. H. Lathrop, Auct. SPRINGVILLE, IA.

WARREN'S WELL BRED OFFERING OF — DUROCS

At Inland, Neb., October 20th, 1906.

Choice pigs of both sexes. Large, roomy gilts with good color. Strong lot of spring boars. Bone, feet, strong backs and vitality. Offering strong in blood of Improver 2d, Hambletonian, Billy K., Rays' Choice, Big John and Higgins' Model. Several good herd headers noticeable.

My first sale will be one of quality, finish and of good color. My hogs have been selected from the best herds of this breed. I have paid long prices for my foundation stock. This sale will not be a disappointment to those who may attend same. My sale follows the C. Briggs sale at Clay Center, Neb. Catalog now ready. G. W. Segrist will attend sale.

H. E. WARREN,

Col. T. J. CALLAHAN, Auctioneer.

INLAND, NEB.

Another Choice Offering

FROM

... VAN PATTEN HERD OF DUROCS ...

TO BE SOLD AT SUTTON, NEBRASKA, OCTOBER 18, 1906.

...THE CHANCE TO BUY REAL HERD HEADERS...

40 HEAD OF TOPS 40

Some choice animals sired by the great Billy K. Others sired by Golden King, Beauty Wilkes, etc. Billy K. sired the prize winners at Iowa and Nebraska this fall. He is now dead. Get some of his get. The strong two-year-old Golden King is included; five choice sows.

My offering will be up to past ones from this herd. I believe my lot of 35 boars are as strong as will be found in any ring this season. The grand sire, Billy K., has passed away, but has left several choice pigs that prove him what we claim. His get, as well as Beauty Wilkes, were winners at two great shows. I am offering some pigs that should be taken by breeders seeking herd headers. Catalog now ready. G. W. Segrist will attend the sale.

G. VAN PATTEN, PROP., - SUTTON NEB.
Col. T. C. Callahan, Auct.

FIFTH ANNUAL SALE

OF



LAKEWOOD SHORT-HORNS



AT ROCK RAPIDS, IOWA, WEDNESDAY, OCT. 24TH.

47 HEAD-10 BULLS-37 COWS & HEIFERS

A splendid lot of Scotch and Scotch-topped cattle in fine breeding condition. Several of the bulls are extra good and the cows and heifers are the best we have ever offered and bred to our famous Scotch herd bull, Morning Joy. A great opportunity to get a good young bull or cows and heifers in calf to one of the best bulls in Iowa. Send for catalog to

H. G. McMILLAN, PROP., - C. M. DENT, MGR.,
ROCK RAPIDS, IOWA.

THE OPPORTUNITY PRESENTED

Blain's Big Poland China Hogs

The
Breeder's
Friend

50 HEAD of TOPS SELECTED 50
SIZE---BONE---FEET---QUALITY.

The
Farmer's
Friend

To Be Offered

OCTOBER 17th, 1906, at PAWNEE, NEB.

My offerings have topped all sales on spring pigs in Nebraska. Have shipped hogs to all parts of the United States.

Have furnished many noted herd headers.

My offering will be up to past sales held by myself. I feel confident the buyer will be well repaid for his trouble. The farmer demands a hog with size and vitality, as well as hogs that sire and produce large litters. The hogs are in good breeding condition. The sows are as choice as the boars. The opportunity is presented. Look up field note elsewhere. Catalog now ready. G. W. Segrist will represent this paper.

JOHN BLAIN, Prop.

COL. LEONARD,
Auctioneer

PAWNEE CITY, NEB.

FIRST ANNUAL SALE OF

Lyndale Poland Chinas

AT

LYNDALE FARM, KING CITY, MISSOURI.

SATURDAY, OCT. 20th, 1906.

**7 Fall Yearling Boars-----5 Fall Yearling Sows-----23 Spring Boars,
20 Spring Gilts.**

This offering is made up of tops selected from a herd of 130 head of big-boned, growthy Polands, rich in Perfection, Sunshine and Tecumseh blood, with individuality to match.

Arrange to attend this sale and see one of the greatest herds of useful breeding hogs to be found anywhere. Free conveyance for parties from a distance from Stanberry and King City to the farm. A postal card will bring you a catalog. Free lunch on grounds at noon.

A. F. GRAVES, KING CITY, MO.
Cols. Bellows and Klaas, Auctioneers.

HIGH CHIEF YEARLING SOW SALE.

Watson's Public Sale of Select

DUROC- JERSEY SWINE

Saturday, Oct. 20th, 1906, in Edinburg, Indiana.

20 Head of Yearling Sows and Boars sired by

GREAT HIGH CHIEF A World's Fair winner and a son of Ohio Chief, a World's Fair winner.

20 fall yearling sows all sired by High Chief. 5 yearling sows by High Chief, 1 yearling sow by Sure Winner, 4 fall yearling boars by High Chief. 14 spring sows and two spring boars, sired by Top Notcher Chief 17583, American Chief 15623 and Harrison's Chief 15565. A grand lot of nicely bred and nicely fitted hogs. Send for catalog, mentioning Homestead. Send bids to D. M. Pierce, representing The Homestead, in my care.

H. E. WATSON, Tom Vinnedge, C. M. Isenhower, EDINBURG, IND.
Auctioneers.

HURLBUTT & RASMUSSEN'S

4th Annual Duroc Sale

TAYLORVILLE, ILL., OCT. 18.

50 HEAD of SPRING GILTS and MALES and FALL SOWS 50

This offering contains only high-class up-to-date stock, sired by Kraschel's Wonder, Forest Chief, Gold Chief, Condo C., Frisker Jr., He's Our Pride and Keystone King. Their dams are as good as money can buy. Come to our sale and buy some good ones at your own price. Send for catalog mentioning Homestead. Sale will be held 2½ miles north of Owaneco, Ill. Trains will be met at Assumption and Owaneco, Ill.

R. RASMUSSEN, C. F. HURLBUTT,
Col. Judd McGowan, Auctioneer. TAYLORVILLE, ILL.

50 HEAD OF

TOP DUROC-JERSEYS

SELL AT AUCTION

JOY, ILLINOIS, OCTOBER 16th, 1906.

Thirty spring boar pigs, good enough to head any herd, five summer and fall yearling boars that are sensational, ten fall gilts that will make sale toppers next winter. A few choice sows with litters by their sides. The spring pigs in this sale are sired by Desota's Model (the Kansas State Fair winner), Iowa Plummer, Prairie Acrobat, Champion Paul, Major R., Proud Advance and Tip Top Notcher.

A FEW OF OUR SPECIALS.—A summer gilt by Iowa Plummer out of Roycroft Interstate is an extra good one. Another good one by Iowa Plummer is out of Prairie Fancy. This is a very handsome sow, broad, long and square. She has a litter brother that is a great prospect. Plummer's Winner by Iowa Plummer out of Prairie Winner by Indiana is a fall boar that is phenomenal both in breeding and individuality. Three boars by Desota's model out of Stoner Girl (the top of the Stoner fall sale) by Tip Top Notcher. A fine litter by Champion Paul out of Prairie Top Notcher by Tip Top Notcher that are something extra. One spring boar by Tip Top Notcher out of Daisy Kruger by Kruger. Here is a herd header. Another litter by Major R. out of McCabe's Dream by A Top Notcher, and a fine litter by Proud Advance. Write for one of the catalogs at once, mentioning this paper. Send bids to D. M. Pierce, representing this paper, in my care.

E. M. CASTLE & SON, JOY, ILL.
Cols. Judd, McGowan & C. C. Kell, Aucts.

Scotch Blood Predominates on the Best Bates Foundation.

B. G. STARK'S

SALE OF

**SHORT-HORN
CATTLE**50
HEAD50
HEAD

At the Fair Grounds

HUMBOLDT, IA., TUESDAY, OCTOBER 16, 1906.

AM putting about forty head of cows and heifers and ten bulls in this sale. The bulls are a choice lot of well developed, strong and vigorous young animals. Twelve of the cows will have calf at foot by the Scotch bull Commodore 2d, and some will be rebred to Mysie Lad, my present Scotch bull. Among the bull offering will be two grandsons of Imp. Leyburn, one of the best bulls ever used in my herd, and one of the best bulls ever used in the state of Iowa. I am putting in a most excellent bunch of Standard Fibre heifers some of which are bred to Mysie Lad. I am putting in a splendid lot of useful money-making Short-horns of the very best families. Write for catalog, mentioning Iowa Homestead.

B. G. STARKCol. F. M. WOODS,
Auctioneer.**LIVERMORE, IA.**

F. A. Schaefer & Son sell a draft of Scotch and Scotch Topped Short horns at Raleigh, Iowa, on October 19th.

45 HEAD 45

OF HIGH CLASS

Aberdeen Angus Cattle

Will be sold at my farm, three miles northwest of

Quimby, Cherokee County, Iowa,**THURSDAY, OCTOBER 18, 1906.****35
Females****10
Bulls**Representing
the very best
strains known
to Angus
breeders.

THERE will be three Blackbird cows in the sale and two of them will have calf at foot. There will be four Pride cows and three of these will have calf at foot. There will also be two Ericas in the sale and two Heatherblooms with calf at foot. There will be nine Janetts and four of these will have calf at foot. The balance are of the most noted families. The calves are all sired by Cherokee Blackhawk 5921 and Imp. Edward R. 61744. All cows of breeding age will be bred to Cherokee Blackhawk 59521 and Edewall 85748, a son of Imp. Edward R. Cattle will be sold off grass without any pampering, but will be in good breeding condition. Catalog now ready. Write for it. Address,

Blackbirds**Prides****Trojan****Ericas****Heather-
blooms****Janetts****and other
popular fami-
lies****W. H. Jones, Quimby, Ia.**

Colonel Igo, Auctioneer.—Kindly mention Iowa Homestead when writing for catalog.

OPPORTUNITY TO GET THE BEST OF THE BEST DUROC BLOOD.

MORRISON & SON'S**Strong Offering**

OF

DUROCS**At College View, Neb., October 16, 1906.****15 Ohio Chief**

Boars out of Village Pride by Improver 2d, Lady Top Notcher, Miss Bob. Others sired by Morrison's Bell Top, out of the great Nebraska Belle; others by Cole's Duroc and Pericles.

The sows in the herd represent Dan Patch, Improver 2d, Crimson Wonder, Orion, Van's Perf. and others of note.

The real bargain sale of the season. Think of it. A sow selling for the reasonable sum of \$100 gives you free service to the great Kant Be Beat (\$2,500 boar and the great sire of show hogs as well as winning wherever shown).

Where can you get better blood than you will find here?

Our offering embraces the choicest of the choice. We have the best lot of boars and gilts ever offered by us. We have size, finish and color. The breeders cannot find better opportunities than we are offering you. Come and inspect our offering. Visitors are always welcomed. Our catalog is now ready. Look up field note. G. W. Segrist will attend this sale.

J. M. Morrison & Son, Props.Col. T. C. CALLAHAN,
Auctioneers.**COLLEGE VIEW, NEB.****THE COMBINATION****DUROC SALE.**50
HEAD**Lincoln, Neb., October 17, 1906.**50
HEAD**Tops From 3 Strong Herds**

The get of Crimson Wonder, Fancy Crimson, Ohio Chief, Aethelred, Luther H. by Hambletonian, Malcolm Model and Morrison's Bell Top.

W. A. Kirkpatrick, of Lincoln, Neb., consigns 17 head.

A. Wilson, of Bethany, Neb., consigns 14 head.

E. K. Young & Son, of Havelock, Neb., consign 20 head.

Three strong herds topped to make the offering choice. In making our combination sale we have decided to offer the best lot of boars raised by each and we have something to offer that will please all interested in good Durocs. You will notice that our offering embraces the rich blood of the breed. Our catalog is now ready.

A. Wilson, W. A. Kirkpatrick, E. K. Young, Proprietors.

Col. T. C. Callahan, Auctioneer.

**C. A. WRIGHT'S SALE OF
DUROC JERSEYS****AT THE FARM NEAR Rosendale, Mo., Thurs., Oct. 18th****34 BOARS.****46 SOWS.**

I have reserved my entire crop from which to select for this sale, and if you are here sale day you will see as many good ones as you will likely see in any one herd in the West. All my winners at Iowa State Fair and Interstate show at St. Joe go in the sale. Larchwood King, Echo, Challenger, Orion, Chip, Wright's Choice, Parnell Banner are the sires represented. Larchwood King and Challenger go in the sale. Here's a chance to get herd boars. Write today for catalog, mentioning this paper. It tells the whole story.

DUNCAN
BROTHERS,
AUCTIONEERS.**C. A. Wright, Rosendale, Mo.**

F. A. Schaefer & Sons

Scotch and Scotch-topped

SHORT-HORN SALE.

Raleigh, Ia., October 17, 1906.

50 HEAD. 40 Cows and Heifers and 10 Bulls.

About 16 head of Scotch cattle, including the imported cow, Celia 9th, and our Scotch bull, Bridal Archer.

IN our sale will be found some of our very best cattle representing such choice and well known families as Duchess of Gloster, Orange Blossom, Miss Ramsden, Gwendoline and other popular families. There will be a choice lot of young heifers in the sale, and some good young bulls, including Sittyton Archer, a son of our great herd bull, Choice of Archers. We think here is the best young bull we have ever raised. The rest will be Scotch-topped on the very best foundations. Several of the cows will have calf at foot by Choice of Archers and the most of them will be bred to him. Those who are looking for good cattle are invited to attend our sale. Write for catalog at once and mention Iowa Homestead. Address,

F. A. SCHAEFER & SON,

Col. Geo. BELLOWS, Auctioneer.

RALEIGH, IA.

B. G. Stark, Livermore, Ia., sells a choice draft from his herd at Humboldt, Ia., October 16. Parties can attend these two sales very conveniently.

MERCER COUNTY BREEDERS'

AUCTION OF HIGHLY BRED AND MERITORIOUS

ABERDEEN ANGUS

CATTLE

AT THE FAIR GROUNDS, ALEDO, ILL., TUESDAY, OCT. 23, 1906

Six bulls and thirty-seven cows and heifers are cataloged, including the double Blackbird-topped Ballindalloch K. Pride bull Palamon B, a yearling of beautiful symmetry and grand scale; the Trojan-Erica heifer Erinna of Hamlet 5th; the double Blackbird heifer Blackbird of Hamlet 8th; the Blackbird show heifer Shadeland Blackbird 3d; and other good ones the get of such sires as Royal Blackcap 2d 49527, Black Knight of Estill 8th 29493, Imp. Alick of Theakston 61676, Guinea of Taylor Ridge 28854, Duke of Marlborough 22827, Hector of Lakeside 25647, Countersign 52492, Britton 52876, Rotanta 10364, Jasper M. 52670, Teutonic 52489, Aldine of Woodlawn 24231, Custodian 52498, Kenovet 62448, Sultan 2d of Greenview 22772. The most fashionable families are represented. The offering is absolutely free from culls, and for short-legged, thick-fleshed animals of grand quality and scale that will advance and maintain the best type of the breed, it is rarely equaled.

Mercer county has within its borders more registered Aberdeen Angus cattle and more men interested in them than can be found in any other county in any other state in the union. We are proud of the cattle we shall submit for public valuation on this occasion, and we invite, not only our friends, fellow-breeders and farmers of Mercer county, but also those of other counties and other states to attend this auction and see the Angus here he reigns supreme. Consignors: C. A. Bopes, Reynolds, Ill.; G. E. Thornton, Millersburg, Ill.; G. E. Atkins, Aledo, Ill.; J. E. Reed, Aledo, Ill., and S. Lee, Aledo, Ill. Parties attending sale will be met at Reynolds, Ill., on the Rock Island railroad, and Seaton, on the Iowa Central railroad. For catalog address,

W. C. McGAVOCK, SALE MGR., - SPRINGFIELD, ILL.

COL. SILAS ICO, AUCTIONEER.

Wehr's Duroc Jersey Sale

.....Portsmouth, Iowa, Oct. 20, 1906.....

I AM SELLING THE TOPS OF MY HERD IN THIS SALE

... 40 HEAD---25 BOARS---15 CHOICE GILTS ...

Sired by Munson's Perfection, first prize pig at Des Moines in 1904; Orion's Model, third prize boar at Des Moines in 1905; Proud Advance Again, one of the best sons of old Proud Advance and E. B., a son of Surprised Not At All in the offering. Catalog ready. Write for it. Address,

J. E. WEHR, - - PORTSMOUTH, IOWA.
COLONEL LUTHER, AUCTIONEER.

ISAAC'S DUROC-JERSEY SALE!

RED OAK, IA., OCT. 17, 1906.

55 HEAD; 50 boars, 4 sows, one with litter of pigs at foot, and 1 choice gilt. I am putting in a granddaughter of the great sweepstakes sow Red Lady that has always won 2d place at the shows. My boars are very stretchy, with lots of bone, and have been well grown out. If you want a good boar I have them in my sale. Write for catalog, mentioning Iowa Homestead. Address

T. H. ISAAC, Col. ATKINS, Auctioneer. **RED OAK, IA.**

HORSES.

Wenona's Great Stud.

Prizes Won at the Great State Fair of Kansas, 1906.

PERCHERONS.

First and second, aged stallion.
First and second, 3-year-old stallion.
First and second, 2-year-old stallion.
First and second, 1-year-old stallion.
First, three-year-old stallion bred by exhibitor.
Champion stallion any age.
First, best four animals any age bred by exhibitor.
First, best five stallions any age.
Gold medals given by the Percheron Society of America.
Champ. stallion any age, gold medal.
Champion American-bred stallion, gold medal.
Best five stallions, gold medal.

BELGIANS.

First and second, aged stallion.
First and second, 3-year-old stallion.
First and second, 2-year-old stallion.

FRENCH COACH STALLIONS.

First, aged stallion.

HACKNEY STALLIONS.

First, aged stallion.

COACH HORSES.

First, aged stallion.

GRAND SWEEPSTAKES.

First, stallion any age, draft, medal.
First, stallion any age, road.
First, group consisting of five stallions.

ROBT. BURGESS & SON,

WENONA, ILLINOIS.

WICHITA, KANSAS.



W. A. LANG & CO., - - GREELEY, DELAWARE COUNTY, IOWA.
IMPORTERS AND DEALERS IN
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH
AND STANDARD BRED STALLIONS.

We have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No old, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr.
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THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

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FOR sale, 28 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilbo & Van Patten, Creston, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.

When writing please mention this paper.

Greeley Horse Importing Co.



Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT,
GREELEY, IOWA.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. **A. LATIMER WILSON,** successor to L. Banks Wilson, CRESTON, IOWA.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Doodles within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42083 heads the herd. The following families are represented: Prides, Blackbirds, Ericus, Heather Blooms, Barbours, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jun and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21590 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, **Dundug, Johnson & Allen, Greene, Iowa.** On C. R. 1 & P. Ry.

2d Annual Sale of Duroc Jerseys

AT MASON CITY, ILL.

WEDNESDAY, OCT. 17th

THE property of Messrs. L. W. Cross & Son. Forty head consisting of tried brood sows, fall and spring gilts, spring boars, the get of Buddy T's Best, (3d prize boar Illinois State Fair 1905), Indiana, a prize winning boar and from sows that have produced show yard stock. Write for catalog.

L. W. CROSS & SON,
MASON CITY, ILLINOIS.

ol. Judd McGowan, Auctioneer.

ABERDEEN ANGUS CATTLE.

HIGH CLASS ANGUS BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, E. GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABELOUR 41201, BELL'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to

O. D. WRAY, Bloomfield, Iowa

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus, 175 head in herd—Herd bulls, Maplehurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Hunter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

Allendale Doddies

WE have a few good young bulls and cows of good families for sale at fair prices. Many of these animals were sired by our Blackbird-topped Pride bull. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

ABERDEEN ANGUS & POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

THE SEELEY DODDIES

WILL be included in the Big Opening Aberdeen Angus Sale at Mt. Pleasant, Oct. 24th, with 4 Blackbirds, 3 Baroness, 3 Prides, 3 Queen Mothers, 2 Ericas and 5 sired by Blackbird Ito, one of the greatest show and breeding bulls living today. Black Jam Dale 71778, one of the most intensely bred Blackbird bulls of the breed, is included. Remember the date. We want to make Oct. 24th a black and all black day at Mt. Pleasant.

W. B. Seeley, Mt. Pleasant, Iowa.

10 Aberdeen Angus Bulls For Sale 10 12 to 14 months old.

WILL sell at farmers' prices. \$100 gets a good bull, Prides, Queen Mothers, Heather Blooms, Ito-Heather Queens, etc. Address,
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(Mention Homestead.)

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BRED cows all sold that we care to spare; a number of growing, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d. Rosenfeld & Siverly, Kelley, Story Co., Iowa.

FOR SALE

ABERDEEN Angus cattle of all ages at farmers' prices. Rosegay Lad 70259 at head of herd. Can ship over three roads. Address,

JAMES SPEAR, STANWOOD, IOWA

Pleasant Hill Herd of Aberdeen Angus.

STOCK for sale of both sexes, sired by the great S. Pride bull, Baltimore of Glendale 24275. J. Nissen, Meservey Cerro Gordo County, Iowa

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GROWTHY Chester White pigs, by Long John 14151. Heavy bone, with smoothness. Up on their toes. Write me. E. W. Richardson, Ogden, Ia

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices. F. Ruebush, Good Hope, Ill

KING B. HERD CHESTER WHITES.
SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy. V. A. LATHROP, MARION, IOWA.

EVERGREEN CHESTER WHITES.
BRED right and fed right. Prices will surprise you. Try me. E. J. Trumbauer, Patterson, Ia.

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COMBINATION SALE ABERDEEN ANGUS

... CATTLE ...

TO BE HELD AT THE FARM OF

M. D. KORNS, 3-4 MILE SOUTHEAST OF HARTWICK,
..... POWESHIEK COUNTY, IOWA, FRIDAY, OCTOBER 19TH

46 HEAD---34 FEMALES---12 BULLS

A carefully selected draft from the herds of

M. D. Korns, Hartwick, Iowa.
C. G. Korns, Hartwick, Iowa.
Wm. Dixon, Hartwick, Iowa.

U. S. Grant, Brooklyn, Iowa.
A. H. Kimball, Ladora, Iowa.
H. H. Reed, Marengo, Iowa.

This is the first sale of registered Angus cattle ever held in this vicinity and is composed of a good lot of breeding cows and heifers and young Bulls with the following well known strains represented, Pride, Queen Mother, Blackbird, Lady Franklin, Favorite, Drumin Lucy, Miss Copeland, etc. The females will be sired by, or bred to such bulls as Royal Blackcap 3rd, Black Roselawn, Silhouette 2d, Bernier, Blackbird Lord, Elyron and others.

There will be a number of bulls sired by the show bull Royal Blackcap 3d that are good enough to head any herd; also by other as well known bulls.

The females are a good lot and will be presented just in good breeding condition; those old enough will have calves at foot or be bred to good bulls of the well known strains, Blackbird, Queen Mother and Pride.

This will be a grand opportunity for the beginner to buy a few females for a foundation herd. For catalog, write, mentioning this paper, to

C. G. KORNS, HARTWICK, IA.

Cols. Silas Igo and J. L. McIlrath, Auctioneers.

Hartwick is on the Belle Plaine and Buxton branch of the C. & N. W. Ry., nine miles south of Belle Plaine, Iowa.

JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

CHESTER WHITE HOGS.



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Model Herd Chester Whites

W. F.'s MODEL 12101. A WINNER. He won second place in class at Iowa State Fair, 1906, and is proving himself a great breeder of size and quality. For Sale, 30 strictly choice boars, March, April and May farrow, sired by W. F.'s Model 12101, Seducer 12387, All Right 11789 and others. Guaranteed as represented. Am booking orders to be shipped when wanted. W. F. Hemmerling, Dilke, Iowa.

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100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.

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I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.

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MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K. A prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Will pay express until September 1st. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R.R.1, Neponset, Ill.

KERR'S O. I. C. 'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,

O. L. KERR,

INDEPENDENCE, MO.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,

J. L. BARBER,

HARLAN, IOWA.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Keiser and Perfection.

FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

CHESTER WHITE HOGS.

HARDIN BROS. CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 120 spring pigs to select from. Address, mentioning this paper,

R. P. & J. J. Hardin, R. 6, Lima, O.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.

JNO. CRAMER, BEATRICE, NEB.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine, 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address,

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30 CHESTER WHITE BOARS 30

AN extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Jewood, Lyon County, Iowa.

A. A. ROGERS, Owner.

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50 SMOOTH, rangy, heavy-boned Spring Pigs for sale. Fine sows and boars for sale.

THOS. GORMAN, AVERY, IOWA.

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OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEFEVRE, FAIRFAX, IA.

Mack Stevens & Sons, Iowa City, Ia.

BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

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THE oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, L. Box 65. Samuel Bone, Montezuma, Ia.

SOME CHESTER WHITE BARGAINS.

WE have a few Chester White April males that are good ones, and 32 spring gilts that can't be beat that we will sell open or bred. People looking for this kind had better write us. Have 35 of Sept. 1906 farrow that we will sell and ship as soon as weaned.

E. L. NAGLE & SON, Deep River, Iowa.

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free.

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200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdriht 12163 and others. Satisfaction guaranteed. P. E. Hanks, Sciota, Illinois.

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200 HEAD of spring pigs representing prolific prize-winning families ready for shipment. Will prepay express. Correspondence solicited. Satisfaction guaranteed.

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CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.

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FOR sale ready to ship. Also my herd header Gold Chief record No. 1297. Write me German or English. J. M. Janssen, P. O. Box 627, Sibley, Iowa.

CHOICE Chester White Boars, sired by Hobson 11969, and King Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. Jas. C. Welber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 imports. Oak Lodge Mustel 8th 1855 and O. L. Fusilier 6443, two imported boars and Hannover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now looking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1906. Address,

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Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Cull or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Red Polled Cattle

EITHER sex for sale. Have show stock, Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Leux, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Lwin \$253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904. Is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1203.

RED POLLED BULLS AT BARGAIN PRICES

4 CHOICE yearling bulls by Chicago Boy 11343, at \$100 each, and Chicago Boy at \$200. C. M. & St. P. and Rock Island Rys. Address, G. W. Sharp, Marble Rock, Iowa.

POLLED DURHAM CATTLE.

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, tie by the \$1,000 idle Knight X1374-15982. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAWER & DEUKER,

Kaiona and Wellman, Iowa.

F. A. MURRAY, MAZON, ILL.

BREEDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for Sale.

SHORT-HORN CATTLE.

BARON FOXGLOVE FOR SALE.

I WILL sell at a bargain the superb 2-year-old Scotch herd bull Baron Foxglove, sired by Imp. Fancy's Pride. Dam Cherry Foxglove. He is very smooth and in thin breeding form weighs 1,500 lbs. He is of the Cruickshank Brawith Bud family.

E. R. Silliman, - - Colo., Ia.

LANAGHAN BROS., CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 134755 and Sealine 127262. Cattle are right; prices are right. Address us above mentioning The Homestead.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.

J. D. McDERMOTT, - ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

C. F. Robe, - Jesup, Iowa.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, - - - Fairfax, Ia.

FOR SALE Conqueror Nest 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

G. H. George, Monticello, Ia., breeder of Scotch G. Short horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. 11 year old, Per. Price \$3075 by Chief Per. 24 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

EVERDALE HERDS AND FLOCKS.

SHORT-HORNS, Shropshires, Durocs, bulls, hogs and bucks for sale. Good ones and priced right.

A. M. AVERY & SONS, MASON CITY, IA.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Mahie Valley Stock Farm.

GREAT - AUCTION - SALE!

OF

165 REGISTERED 165
HEREFORDS

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This will be one of the largest and best offerings of Hereford cattle made in recent years. There are 115 mature cows bred or with calves at foot. Twenty-five heifers and twenty-five bulls. Never before in one sale has there been offered an opportunity to buy the get of so many great sires as are represented in this sale. Among which are: Columbus 17th, Jack Hayes 2d, Beau Brummel, Beau Brummel, Jr., St. Louis, Free Lance, Lars, Elvina's Archibald, Diplomat, Earl of Shadeland 22d, Earl of Shadeland 73d, March On 6th, Java, Lomond, Corroctor, Kansas Lad, Climax, Hesiod 2d, Hesiod 29th, Hesiod 54th, Hesiod 56th, Hesiod 26th, Hesiod 86th, Lord Pretty Face, Lord Saxon, Roderick, Onward 8th, Onward 16th, Beau Donald, and Keep On. These cattle will come direct from the pasture to the sale barn and will be in the best possible condition for the buyer. For catalogs and all information Address, C. A. Stannard, Sale Manager, Emporia, Kansas.

Soldier Creek Farm, CLEVELAND, OHIO.

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SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

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ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndald head Short-horn herd. Females are Victorias, Secrets, Butterflies, Lavenders, also a few Young Marys and Rose of Sharon. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

Visitors always welcome.

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SHORT-HORN bulls including the Scotch Cruickshank herd bull, Prince Royal 175494, got by Imp. S. Prince Oederic and fifteen young bulls by him, all dark red, age 10 to 20 months. Come and see them. Price reasonable.

N. P. HALGREN, - VINTON, BENTON CO., IOWA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

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I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

4 Good Young Short-horn Bulls For Sale.

Sired by Victor Muple 203379 he by Grand S Victor, and out of cows that have four and five Scotch tops. Will price them right. Address,

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IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

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SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN, MARION, IOWA.

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FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

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Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

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AT the head of our herd stands the noted Imp. Lov. at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrysalis herd. His assistants are Grand Duke of Enterprise (143813), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

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WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

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Scotch Bulls**Got by Imp. Mutineer 172547**

A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura trikes. Imp. Mutineer was got by Bapton Chief and out of Missie 1671h, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

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4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr., two years old, May 13th, sire Nonpareil Courtier 2d, dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAWES & SON, HARIAN, IOWA

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SCOTCH bulls at reasonable prices. Wimple Royal 241400, heads the herd. Would exchange him for a suitable bull to head herd. Address,

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Rookwood Berkshires.

A CHOICE lot of early boars and gilts for sale. Superior breeding, unusual size and quality. Also two good Scotch bred Short-horn bulls, six to ten months old, fit to head good herds. Address,

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ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

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BERKSHIRE BOARS

SURED by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

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WRITE for catalog of fall and spring boars and choice gilts and yearlings before buying. Gilts either open or bred to order. All from top prize-winning stock, and priced reasonably for quality.

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T. J. CONGDON'S Winning Berkshires have won honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

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TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

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I SHORT-HORNS I

AND 35 HEAD OF POLAND CHINAS

WILL BE SOLD AT AUCTION IN THE STOCK PAVILION AT LAUREL, IOWA, TUESDAY, OCTOBER 16, 1906.

Twenty-five grand breeding cows safe in calf to the good Scotch herd bull or the prize winning show bull, King Victor, also a few open heifers. Nine bulls old enough for service including the first prize senior calf at Des Moines. Also my Scotch herd bull, Royal Raven. Thirty-five head of Poland Chinas of both sexes. Fall yearlings and spring pigs with a few tried brood sows, some of the best blood known to the breed. Parties coming over the C. M. & St. P. will find free conveyance from Ferguson on the morning of sale. The trains for Laurel will make connections with both the north and south bound passenger trains on the Iowa Central at Newburg on morning of sale. The hogs will be sold before dinner. The sale commences at 10:30. Lunch at noon. Terms cash or bankable notes at 8 per cent. For catalog, address

F. W. AKERS, - LAUREL, IOWA.

Cols. Geo. P. Bellows and Al P. Mason, Aucts., assisted by Houghton, Gowdy and Albers.

HEREFORD CATTLE.

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Java. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

W. L. Dodge, Hubbard, Neb.

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th. The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

BULLS FOR SALE! BULLS REGISTERED HEREFORDS!

B. F. CLARK, ALBIA, IOWA.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.
H. C. CUNNINGHAM, WESTON, MO.

FOR SALE CHEAP

MY four-year-old Imp. Hereford bull, Royal Lad, No. 145066. Cannot use him longer. Large, gentle, sure. Also young recorded bulls and Poland China male pigs. Write or call. Box 27, Route 1.
A. M. STINE, ADEL, IOWA

GALLOWAY CATTLE.



PURE BRED GALLOWAY CATTLE

FOR SALE. 8 Bulls, 6 Cows and 3 Heifers, at prices that will make them move. Write to

S. D. Miller, Wellman, Ia.

POLAND CHINA HOGS.

I HAVE carefully selected 25 choice Poland China hogs out of 50 head, sired by Midwood Perfection 108047 and Perfect Keep On 2d, and out of matured dams. They are deep bodied, lengthy, good boned, well-finished pigs. I also have a few yearling Angus bulls, out of matured dams, that will be priced right. F. T. Wells, Bristow, Iowa.

POLAND CHINA HOGS.

"WILD ROSE" HERD POLAND CHINAS. 140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneedn Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.
W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.
T. W. WALKER, MAZON, ILL.

Hamilton's Royally Bred Polands. MY last sale averaged over \$50. My type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.
L. W. Hamilton, Kearney, Neb.

Choice Lot of Spring Boars for Sale. POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and Sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall.
Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address,
Jno. Schneider, Remsen, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,
GEO. E. PATCH, Blandinsville, Illinois.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec, is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Dobo, and Blain's Tec. Everything guaranteed a breeder.
Robt. J. Peckham, Pawnee City, Neb.

GROWTHY POLAND CHINA BOARS

OUT of mature parents; best breeding; good bone \$20 and \$25. Two year herd boar \$40. Short-horn and Polled Durham. Cows, heifers and bulls at low prices. Special price on car lot. 2 miles N. E. of city.
P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.

MEDDLER PIGS AT YOUR OWN PRICE.

IN my second annual Poland China Sale, Thursday, Oct. 18, 1906, I will offer 17 spring boars and gilts by Goldenrod Chief 100547, one of Meddler's best sons. Also fall gilts and sows bred to him. Ask for catalog.
S. R. PATTERSON, CENTERVILLE, IA.

PAVILLION HERD POLAND CHINAS.

WE offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 28439. Write for price and catalog.
Wm. Uhe & Sons, R. 1, South Omaha, Neb.

POLAND CHINA BOARS (BLACK).

8 FALL boars, 2 yearling boars, 50 spring boars, 8 sired by Kiever's Gay Lad.
J. W. Knowles & Son, Crnig, Neb.

POLAND CHINA HOGS.

HERD HEADED BY THREE GREAT POLAND CHINA HERD BOARS.

J's Chief 34055, won first in aged chews at Iowa State Fair in 1896, and grand sweepstakes over all breeds and classes by a unanimous vote of all exhibitors. He weighed 600 lbs. at two years old and 1,000 lbs. at three years. He is the greatest hog living today. L's Tecumseh Again 51211, the largest boned and the best all around son of the World's Fair hero, L's Tecumseh 20499. J. H. Sanders' Best 43981, the first choice get of the great show hog, J. H. Sanders, that won four first premiums, including sweepstakes, awarded at the Chicago World's Fair in 1893. 100 Top Spring Pigs for sale at \$12 each, sired by the above herd boars. Catalog free. Reference—Montezuma Savings Bank.

REUBEN E. SANDERS, Proprietor Full Moon Herd Poland Chinas, R. F. D. 1, MONTEZUMA, IOWA.

POLAND CHINA BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE, IOWA STATE COLLEGE, AMES, IOWA

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by R's Keep On 92219, half brother of Prince Alert and Impudence, sweepstakes boars Iowa State Fair '04 and '05, and Iowa Chief by Ed Kiever's Thickset. The best Thickset boar in the west. These pigs are from mature dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn Bulls, 12 to 14 months old, cheap. Bred Sow Sale, Feb. 12, '07.

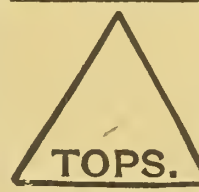
RUEBEL BROS., ROCKWELL CITY, IA.

CHOICE

POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hamner bred ram, Hamner 192071 for sale.

W. G. Griffith, McNabb, Ill.



Pioneer Herd Poland China Swine.

W. Z. Swallow, Booneville, Ia., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

LARGE Growthy Polands. I have the hog that is a hog. If you want sized bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Doby Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

CLOVER LAWN POLANDS.

IF you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.
JOHN R. TRIGGS, DAWSON, NEB.

SUNNY SLOPE Poland China boars and gilts of 8 March farrow, of the most fashionable breeding, with good length and heavy bone and extra good backs. Sired by Orr's Duke (88967), and Ringmaster 101091. I will also sell my herd boar Orr's Duke 88967. Write to M. A. Easthouse, Hartley, O'Brien county, Iowa.

Males and Gilts for Sale.

FALL males weigh 250 to 300, early spring pigs weigh 130 to 150, they are in good breeding condition and healthy. They are bred right and priced right. Farm sold. Write us. Will please our trade.
C. C. Drake & Son, Terre Haute, Ill.

WALNUT GROVE Herd Polands. I have 75 spring pigs to select from. Large, growthy, really bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

45 ROYALLY BRED POLAND CHINA BOARS.

SURED by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are 41 boars
J. C. Hoag, - - Manson Ia.

HAMAKER'S large, roomy Poland pig sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs not akin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection S. L. and G's Perfection.
H. B. MOATS, VILLISCA, IOWA.

PRITCHARD'S POLAND CHINAS

THE home of Big Tom 2d. Iowa Girl, White Ears 4th, and many other mammoth producers of good stuff. 200 spring, 70 fall pigs and 50 aged animals on hand. A fine opportunity to replenish your herd or lay a foundation for a new one.
DR. H. PRITCHARD, - WISNER, NEB.

LONG, heavy-boned fall boars by Tec. Keep On 8 by Big Tec by Blain's Tec, and Indiana King. They weigh from 250 to 330 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dorris Tec, and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. Henry Dorr, Remsen, Plymouth county, Iowa.

POLAND Chinas—Male and female—spring farrow—herd boars—All Dude 28315—Wonder Chief 103475—No better pigs in county—Write for prices and information. S. P. Hartman, Ottumwa, Iowa.

Southwestern Iowa Duroc-Jersey Sale Circuit

The cream of five of the best herds in southern Iowa will be sold in this Circuit Sale. The get of such great boars as Ohio Chief, Proud Advance, and other noted sires will be included in these sales. There will be some leading State Fair winners among the number offered and there are some great prospects for herd headers and show sows next year.

October 15th, A. L. & S. G. LYNCH,
MOUNT AYR, IA.

We are putting some very Choice Ohio Chief boars in our sale. There will be forty head in our offering, among which will be some choice yearlings. We think we are putting in as good a bunch of boars and sows as will be seen this fall. Write for catalog. Address, A. L. & S. G. LYNCH, MT. AYR, IOWA.

October 16th, L. L. OVERHOLSER,
DIAGONAL, IA.

I am offering forty-two head of my tops in this sale. Everything has been reserved for this great event, and I can show you a bunch of boars and sows that are fit to go anywhere. Fifteen spring boars, twenty spring gilts, five sows with litter at side, one Orion Dandelion sow. Write for catalog. Address, L. L. OVERHOLSER, DIAGONAL, IOWA.

October 17th, Z. I. GROUT,
TINGLEY, IA.

Forty head, including my very best spring boars and gilts, and some grand good sows will be offered for sale. I have reserved all of my tops for this sale, and they are good ones. Write for catalog at once. Address, Z. I. GROUT, TINGLEY, IOWA.

October 18th, WHITE & DEWEY,
SHANNON CITY, IA.

If you want Proud Advance males and females we have them in our sale. The most of our offering is sired by Proud Advance, and many of our show herd are included. We are selling forty head of our tops. Write for catalog. Address, WHITE & DEWEY, SHANNON CITY, IA.

October 19th, GEO. R. MANIFOLD,
SHANNON CITY, IA.

My great Proud Advance litter, winners at the Iowa State Fair, goes into my sale. Thirty-five March and April gilts; eighteen March and April boars, and four fall yearling sows. If you want the very best, then make your arrangements to attend my sale. Write for catalog to GEO. R. MANIFOLD, SHANNON CITY, IA.

SEND BIDS TO COL. F. F. LUTHER, FOR THE ENTIRE CIRCUIT OF SALES.

POLAND CHINA HOGS.

30 FALL BOARS 40 SPRING BOARS.

Sired by Matchless Perfection and Matchless Perfection Jr., sweepstakes boar Interstate fair '05-'06. He also won 1st at the Minnesota state fair. We won eight 1st prizes, two 2ds and sweepstakes on Matchless Jr. and his get this year. Write us at once for prices on boars and sows. Address,

HENRY BROS., - LE MARS, IOWA.



15 Poland China SPRING BOARS. 15

The Pick of This Year's Raising.

AND one splendid fall boar, sired by Empire Chief 2d 90645. Empire Thickset 102647, and Acrobat 71003. No culls shipped and pigs as represented. Prices reasonable. Address,

ROY ROCKWELL, - PAULLINA, IOWA.



WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 Pigs March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds in speciality. Ten head of Scotch add Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170782. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.



200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$58.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

F. H. LONG, MANNING, IOWA.

BRIDGFORD & NESBITT, ALEDO, ILLINOIS.

WE have 100 spring pigs, by Faultless Perfection Jr., and Young Delight of March and April farrow which we will price at reasonable figures. Also a few extra good fall boars; strong, vigorous, heavy-boned stock, from prolific families that will please discriminating buyers. Correspondence promptly answered. Inspection invited.

DAWSON'S BIG OF THE BIG POLANDS.

OUR hogs won most of the ribbons at Hutchinson, Kan., St. Joe, Mo., and their share at Nebraska. The Poland with size and quality combined. We have sows of the great Expansion. His get have won or sired as many winners as any hog living today. We also own the champion yearling, sired by King Look. If you want good hogs, address us, and mention The Homestead.

H. C. DAWSON & SONS, ENDICOTT, NEBRASKA

ESCHER'S BIG POLAND CHINAS.

I AM now ready to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.

E. F. Escher, Manning, Iowa.

Sandquist Bros., OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.



CORRECT I KNOW JR. 111629. FALL males of '06, and Perf. breeding; weight 300 to 450 lb. Spring boars by Hustle On 105337, he by On and On. Serviceable S.H. bulls, S.L. Wyandotte and R. C.B.L. Leghorn cks. Inter-State phone. Strawberry Point, Ia.

POLAND CHINAS FOR SALE.

THE great show and breeding boar, Onward 102447. Also a few extra good, large boars of fall and spring farrow. They will be priced right. Call on or write **OSBORNE BROS., OSBORNE, IOWA.**

DUROC JERSEY HOGS.

Reduction Prices On Best Breeding.

350 Durocs, 150 Shropshires, 100 Short-horns and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind

Pawnee Herd Durocs

I WILL have a number of extra good pigs at the Illinois State Fair next week by Buddy K IV. first and sweepstakes boar Illinois State Fair, 1905. Several of these are cataloged for my October 30th sale. An opportunity to see the kind and breed.

ED A. BAXTER, PAWNEE, ILL.

DEAN HERD

Duroc Jersey & Poland China Swine.

WE are offering spring pigs, both sexes. Also one yearling Poland China boar, one year and one 2-year-old Duroc Jersey boars, two Collie bitches, one stud dog, Light Brahma chickens and Hereford cattle. Write us or come and see us before you buy. Q. and Wabash R. R. **HANSON BROS., DEAN, IOWA.**

I. J. LORTON, Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. **I. J. Lorton, R. R. 35, Union City, Indiana.**

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

GRAND VIEW DUROC JERSEYS. BOARS by Crimson Wonder Jr. 41103 and Chief I Am Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa Klug M., Iowa Model and Perfection Chief strains. **F. M. HUFF, R. 2, AFTON, IOWA.**

PLEASANT DALE STOCK FARM

GEO. F. Dorsch, Prop., Cook, Neb. Breeder of Short-horn cattle and Duroc Jersey swine.

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to **T. L. Livingston, Burchard, Neb.**

CHOICE DUROC JERSEY Spring pigs of March and April farrow, either sex. Good weight, bone and color. **Frank Warwey, Mt. Pleasant, Iowa.**

Boars! Boars! Boars! Duroc Jerseys, \$25. Address, **Roycroft Stock Farms, Des Moines, Iowa.**

HILCREST Farm Duroc Pigs. Best breeding. At weaning either sex, \$5 each; pairs not akin \$11.00; trio \$15.00. **Hilcrest Farm, Greenwood, Mo.**

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. **S. P. Briggs, Seward, Neb.**

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality. **F. H. HERRING, R. F. D. 7, Iowa City, Iowa.**

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address **W. J. S. Taylor, Humeston, Iowa.**

CHOICE Duroc Jersey pigs on approval at \$12.50 and \$15. Eligible to register. Pairs not akin. Address, **J. C. Jay, Mount Pleasant, Iowa.**

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

When writing please mention this paper.

DUROC JERSEY HOGS.

DUROC JERSEY

SPRING boars and gilts for sale sired by Red Prince 8915, B. S. Hero 21827, Orion Lad 23573. All stock guaranteed as represented.

W. L. Bennett, - Birmingham, Iowa.

CYCLONE HERD DUROC JERSEYS

YOUNG hogs, both sexes, for sale. Good color, heavy bone and good length. Strong and vigorous, from prolific families. Prices reasonable.

F. M. JENKINS, POMEROY, IOWA.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address,

W. A. RANKIN, CARSON, IA.

Greene County Herd Duroc Jerseys. OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.

F. A. STRONG, ORIENT, IA.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief. Tolstoy, Advancer and Pericles. A choice lot of boars for sale. **H. L. Cantine, Quincy, Iowa.**

EDGEWOOD HERD DUROCS.

FOR sale, 75 good spring pigs, by Arion, Jun for Jim, Walter G. and others, out of sows by Golden Perfection, Aliz Advance, carrying the blood of Proud Advance, Ben Hur H. and others. Edgewood Chief, an Orion hog by Arion, heads herd. What do you want? Write **R. C. Poston, Corydon, Iowa.**

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, latter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lehrville, Iowa.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles II, also one good yearling and one good fall boar. These are bargains if taken soon. Address, **Norrish & Bevington, Kingsley, Ia.**

NOTHING FOR SALE UNTIL OCT. 26,

WHEN I will sell 40 head sired by Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am and other noted sires. Send for catalog.

H. B. GRIFFITHS, BOWEN, ILLINOIS.

Prairieview Herd of Duroc Jerseys. SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell you bred sows for one-half what they cost at public sales last winter. Write for what you want. Mention Homestead. **W. J. Prather, Russell, Iowa.**

State Road Herd Duroc Jerseys

FIVE choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

SETTING SUN herd of Duroc Jerseys, 20 head of Feb. and March boars at prices that will sell them. Address, **I. C. Welch, Bedford, Iowa.**

Dispersion of Woodland Short-horns

AT WASHINGTON C. H., OHIO, THURSDAY, OCT. 18th.

100 HEAD

Cattle of the useful sort to suit any breeder. For catalog write to



IMP. FIRST-IN-THE-RING 162100.

By Ringleader, pronounced by many as the greatest bull production of Collynie; a bull that has more prize-winning fat cattle to his credit at the British shows than any other. His get have always been taken readily at good prices. Secure some of his get or matrons bred to him.

W. I. WOOD,

Colts. WOODS, BARCLAY & URTON,
Auctioneers.

WILLIAMSPORT, O.

CONSISTING of imported and home bred Scotch, Scotch Topped and pure Bates sorts, including the get of Imported First-in-the-Ring 162100 (sire of Master-of-the-Ring sold for \$1,705; Choice-of-The-Ring sold for \$1,550, and Lord-of-The-Ring for \$1,000, the three highest priced bulls, the get of one sire, bred and sold in United States in 1902). Choice-of-The-Ring 187237, Nominee (champion over all breeds at Omaha 1898), Imported Scotsman 195-164, Bapton Admiral 157-704, Scottish King 177889, Imported Scotch Mist 157-620, Woodland Sultan 214-546, and other noted bulls.

DUROC JERSEY HOGS.

Clover Leaf Herd of Duroc Jerseys.
HERD headed by Pine 37903, winner of 2d in class at Minnesota state fair, 1905; he by Granger 28567. Also have pigs sired by a son of Improver 2d and by King Prince. 75 head for sale. Prices right and quality second to none. Clyde H. Smith, Riceville, Mitchell county, Iowa.

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, Duke of Ohio 29529, George Hur 40851 and Alfonso 40849. Write for prices. Address, M. M. ELMENDORF, LACONA, IOWA.

SAY BOYS
If you are going to have a brood sow sale send for J. A. Russell's October 27 sale catalog, sixty-eight head. He sells 10 Proud Advance gilts at Corning, Iowa, October 27, 1906.

ALFA MEADOW HERD OF DUROCS.
I HAVE some nice fall gilts by Van's Perfection, 11571; some tried sows bred to Royal Prince 41911; that raised good litters last spring, and a few fall boars by Van's Perfection and Jumbo Chief 19899, for sale.
F. ALLDRITT, FRIEND, NEBRASKA.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address, A. B. Estler & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

Sired by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right. Edmonds, Shade & Co., Kingsley, Ia.

E. E. ETTEL, UTICA, NEBRASKA.
BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and sired by Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings Billy K. Jr., and Frank's Choice by Belle's Echo Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

DUROC JERSEY HOGS.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tintin 17261. Imp. Wonder 43681, A. L. Advance 43531, Odebolt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44231, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tintin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 88-3, RADCLIFFE, IA.

WANETA DUROCS. 35 Choice Boars now for sale, both fall yearlings and spring boars. The "tops" at moderate prices. B. A. SHAFER, SANBORN, IOWA.

FANCY DUROC JERSEY SWINE OF BOTH SEXES FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker and other leading strains. C. W. WOLF, HAMPTON, IOWA.

I HAVE THE TOPPIEST OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

ALL OUR OHIO CHIEF PIGS

Reserved For Our Sale, October 15th. At which time we will offer a grand lot of herd headers. We will sell our herd boar Corn Cracker 14202. A. L. & U. S. G. LYNCH, MT. AYR, IOWA.

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others. W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About 170 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices. L. H. Bryan, R. R. 1., Neponset, Ill.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, - - KENNARD, NEB.

35 DUROC JERSEY BOARS, sired by Bar None 30241, Bar None 2d, Grant Hero, and Critic's Echo, out of Gold Dust Jim, Surprise and Glendale Chief sows. I only ship the best. Carl Hansen, Herman, Neb.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts. F. M. ERSCHEN, Odell, Illinois.

35 DUROC JERSEY BOARS

Sired by my \$300 boar Glendale Jim 33291, 2d prize boar at the Iowa State Fair. Prices reasonable. J. S. GOLDER, SCRIBNER, NEB.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money. F. A. HAM, SARONVILLE, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

CLOVER Herd Durocs. Choice March and April Boar Pigs. Prize winning strains. Blood lines. Improver II, Advance, Tip Top Notcher, Ohio Chief, Sensation, Granger, Orion, etc. Prices low. Strong guarantee. Write, describing what you want or come see. Bred sow sale, February 22d, 1907. G. H. Purdy, Mason City, Iowa.

ASA TURNER'S DUROC JERSEYS.

I AM offering fifteen or twenty extra good young boars by King Perfection and Advancer Lad. They are out of some of G. A. Munson's prize-winning sows. Address, ASA TURNER, FARRAR, IOWA.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

DUROC JERSEY HOGS.

HANLEY 42345.
HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 37331, Gen's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cook Robin 1245a, Choice Goods 22831, J. I. C. 35339, Buddy K. IV 23661, Indiana 20753, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40733, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11689, J. B. J., Big I Am 29895. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices. McNEIL BROTHERS, BOWEN, ILL.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709. 2d prize boar in 18 months class Iowa Fair, 1905. 2d Manley Orion, 1st Proud Advance, Keep On 2d boars ready to go; also boars by Tintin, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1905.

S. P. Freed, Ames, Iowa.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address, ALBERT BELL, LAKE CITY, IOWA.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm Lawn Top Notcher and Elm Lawn Orion. The dams are equally as well bred. If you want good, useful Durocs write me. Chas. Sobotka, Calnesville, Mo.

DUROC-JERSEY BOARS.
A CHOICE lot of March and April boars for sale. Sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Wall Lake, Iowa.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHER & SON, MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimson S Wonder), Lotti's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right. W. J. WENDT, MARCUS, IOWA.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others. CHAS. VAN PATTEN, SUTTON, NEB.

CHOICELY-BRED Duroc Jersey pigs, sired by Billi B. 45813. The long, deep-bodied, growthy kind. Write me. F. W. Richardson, Ogden, Iowa.

ABSOLUTELY A DISPERSION OF
R. G. Robb & Son's
HERD OF

SCOTCH SHORT-HORN CATTLE

AT SALE PAVILION IN MORNING SUN, IOWA.

On October 18th, we will disperse our entire herd of 50 Head of Scotch and Scotch Topped Short Horns, to dissolve partnership, R. G. Robb retiring. T. J. Robb & Son will start again in the business. 23 Scotch, (3 Imp.) 30 females, 12 cows, with calves at foot, 2 herd bulls. Imp. Clan Craibstone 227550 and Graceful Archer 224034. The following sample Pedigrees will show the character of our breeding:

Lot 11.

CHERRY GROVE FOXGLOVE 2d.

Dark roan. Calved Oct. 15, 1899. Bred by M. E. Jones.

Got by Scotch Cup 121056.....Baughman Bros.

Foxglove 4thImp. Cupbearer 91223.....W. Duthie
Foxglove 2dImp. Sussex 100999.....A. Cruickshank
Imp. FoxglovePerfection 61408 (37185).....A. Cruickshank
GrizeldaRoyal Violet 58694 (40649).....A. Cruickshank
GrizzleGrand Vizier (34036).....A. Cruickshank
GarnetPrince Alfred (27107)Mr. Pawlett
GuineaPrince Imperial (22595).....A. Cruickshank
Golden ChainLord Raglan (13244)M. S. Stewart
Gold MintThe Baron (13533)Mr. Chalmer
Pure GoldYoung 4th Duke (9047)G. D. Trotter
The Star PagodaDuplicate Duke (6952)J. C. G. Duff
The MintRobin O'Day (4973)B. Wilson
Brawith BudSir Walter (2639)R. Crofton

Lot 16.

ABERDEEN BUTTERFLY 16th.

Red, little white. Calved Dec. 12, 1900. Bred by N. A. Lind.

Got by Royal Baron 124528J. F. Prather

Aberdeen Butterfly 9thHighland Chief 119611John A. Cole
Aberdeen Butterfly 6thImp. Duke of Athens 69082.....A. Cruickshank
Aberdeen Butterfly 2dAmhurst 19768A. Cruickshank
Butterfly of BrookhurstSenator 53827A. Cruickshank
Imp. DorothyShuttlecock (35520)A. Cruickshank

Lot 1.

IMP. CRAIBSTONE BEAUTY 6th.

White. Calved Oct. 27, 1897. Bred by George Anderson, Aberdeenshire, Scotland.
Imp. by Arthur Johnson.

Got by Craibstone 135226A. C. Pirie

Meadow Beauty 2dLord of the Meadow 140451.....Wm. Duthie
Lancaster BeautySquire Lancaster 180311Wm. Duthie
Alabama BeautyLord Alabama 2d 150976.....F. Simmers
Livingstone BeautyLivingston 150974A. Cruickshank
Beauty 10thSparkler (37507)A. Davidson
Beauty 5thPrince (37202)G. Marr
Beauty 3dKelvinside (14756)W. Stirling
BeautyYoung Pacha (11883)Capt. Barclay
Kinaldie FloraFairfax Hero (9106)A. Cruickshank
MissieCommander (3976)Capt. Barclay

Lot 47. (Bull)

HONEY CREEK CLAN 252486.

Roan. Calved Dec. 2, 1905. Bred by R. G. Robb & Son.

Got by Imp. Clan Craibstone 237550.....Geo. Argo

Graceful of Orchard FarmIowa Scotchman 124038Cookson Bros.
GracefulGaveston 112058.....W. A. Harris & Son
Grace DarlingChieftain 102159John McHugh
GenevieveDouble Gloster 85526Wm. McDill
Imp. GwendolineBaron Violet 90446A. Cruickshank

JONES, BELLOWS and BROWN, Auctioneers.

FREE ENTERTAINMENT AT THE GREEN HOTEL OR HOTEL HUNGATE.

R. G. ROBB & SON,

MORNING SUN, IOWA.

Morning Sun is Easily Reached. See Time Table on Inside Front Cover Page of Catalog.

DUROC JERSEY HOGS.

GOLDEN DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Audubon, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE

HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '08. Also Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

40 HEAD FALL & SPRING DUROC JERSEY BOARS.

The most popular strains sired by C. & T. Orton, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale-Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausau, Neb.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right. W. J. East & Son, Clay Center, Neb.

Minnesota's Prize Winning Duroc Jerseys I WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable. Wm. Malcolm, Bigelow, Minn.

MAY & PORTER,

1 REMINGTON, IND.
MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

When writing to advertisers please mention this paper.

DUROC JERSEY HOGS.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads a herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

G. T. ROGERS, PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's Last, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birth place of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

CRIMSON WONDER I AM 34697

CHAMPION AND SIRE OF CHAMPIONS. A choice lot of boars and gilts by this great sire for sale. Some excellent prospects in the herd. Address,

U. G. DAVIDSON, - - - MANSON, IOWA.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sons of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains. Address,

T. A. McMAHON, - - - CRAIG, NEBRASKA

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old bog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 11. Boars are sired by Double Track 42517, Sensation 7393, Big King 11057, Easton Boy 33029, Advance Col. 42011, Roland 37255 and Red Express 39519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Bred Sow Sale January 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WRIGHTON, AUDUBON, IOWA.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB, - - - MONROE, NEB.

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Echo,
} Sow sale February 25. } Inspection invited. 125 pigs. Write us.
W. A. STAPLES & SONS, - - - GLIDDEN, IOWA.

When Writing To Advertisers Please Mention This Paper.

DUROC JERSEY HOGS.

ROYAL RUBY

HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.
GUS A. PEDERSON, OCHEYEDAN, IOWA.

MAPLE AND LAWNSDALE DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

SHELDON BROS.,

A NEW FIRM.
BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Nothing for sale until September. We will be at all the leading State Fairs. Look for the Proud Advance herds.

Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

112 CHOICE DUROC JERSEYS 112.

Sired by Duroc Challenger's Wonder 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

WELCH'S POPULAR PRICED DUROC JERSEYS I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, In.

PIONEER HERD DUROCS. ECHO King 18415 and Royal Top Notcher 23639 at head of herd. We have a limited number of sows left bred to the above boars and Sure Winner. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address, Arch Brown & Sons, Waterloo, Nebraska.

PEEK & PUTMAN'S DUROCS, TECUMSEH, NEBRASKA.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Ed's Improver, Glifford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

When writing to advertisers please mention this paper.

THREE-DAY SALE of SHORT-HORNS

WRIGHT COUNTY, IOWA

OCTOBER 23d

The big three days' sale of Short-horns at Clarion and Belmond, Iowa, will be held on October 23, 24 and 25, 1906. The opening of the three days' sale will be made at Belmond, Iowa, October 23d by T. A. Davenport, who sells 45 head, about 25 head of cows with calves at foot; 35 females all told and 10 bulls, including 4 Scotch bulls bred well enough for the most critical, one of these bulls being a full brother to the celebrated Philo Hay. The calves and younger things are all sired by Imp. Kenellar Stamp and Charmer. For catalogs of this sale, address

T. A. DAVENPORT
BELMOND, IA.

Free conveyance to the
sale from Belmond & Clarion

GEO. P. BELLOWES
Auctioneer

OCTOBER 24th

Mr. G. J. Mack will disperse his entire herd of 50 head, including 10 head of Scotch cattle, 7 females and 3 bulls of the following families: Nonpareil, Duchess of Gloster, Orange Blossom and Mysie. Other families represented are Zelias, Pansy and Bracelet. This is an unusually desirable offering of Short-horns. Owing to death in the family and the breaking up of our home, this dispersion sale becomes necessary. Address for catalog,

G. J. MACK
CLARION, IA.

Col. Geo. P. Bellows, Auctioneer

OCTOBER 25th

will occur the dispersion sale of Rice & Lindsey's entire herd of Short-horns at Clarion, Iowa. There will be 50 catalog lots, 42 females and 8 bulls, including the great herd bull Victor Prince 195385 by Imp. Golden Drop Victor. Dam, Imp. Coral Countess. It is the heaviest milking herd in Northern Iowa, as well as a very rapid breeding herd. Address for catalog,

RICE & LINDSEY
CLARION, IA.

Ralph W. Barclay, Auctioneer

DUROC JERSEY HOGS.

Fall Sale Oct. 31, 1906.

Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 1073A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Browning, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Beat, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams. 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder. Fall sale October 16th.

JOHN M. MORRISON & SONS,
COLLEGE VIEW, NEBRASKA.

Sutter's

ETHELRED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," J. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale
MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address
J. E. WEHR, PORTSMOUTH, IOWA

WALNUT GROVE DUROCS.
I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Hugh's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.
HENRY G. WARREN, INLAND, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS
80 CHOICE spring pigs sired by Fairview Wonder 41051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.
JAMES T. DOLLISON, SAC CITY, IOWA.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd leaders. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

DUROC JERSEY HOGS.

Dispersion of the Famous Gold Dust Herd of Durocs.

HAVING decided to close out my Gold Dust herd of prize winning Duroc Jerseys, I now offer to the public, at private treaty, my entire crop of spring boars. They are sired by Tip Top Notcher, grand champion at World's Fair, acknowledged by most competent judges to be the best Duroc boar in America, and sold at the record breaking price of \$5,000; Ohio Chief II, one of the best sons of Ohio Chief; Champion Paul, a son of the noted Oom Paul; and Fancy Orion, an exceptionally good son of the World's Fair winner, Orion Chief. I am keeping my sows and spring gilts for closing out sale on October 24. I am keeping nothing back and my entire herd will be disposed of at private and public sale. Write for prices and descriptions at once if you want a herd boar from Gold Dust herd. Address,

GEO. W. SECKMAN,

RIPLEY, ILLINOIS.

40 DUROC-JERSEY BOARS 40

SIRED BY
JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair.
LONG ALIX, litter brother to the great sweepstakes sow Alix 20, that sold for \$740.
GLENDALE CRITIC, 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair.

Pigs by other well-known boars. If you want a herd-header, write me.
AUSTIN RENSHAW, BLAIR, NEB.



TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header sale at all times. Address

W. D. PITTMAN

LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY,

OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.

SIRE in service, Red Orion 25793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 4417 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 85492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Now booking orders for September delivery. Don't overlook me if you want the best. Address,

GRANT WHITE,

AFTON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.

WE have a number of good fall boars by Oom Paul, also few grand sons of Tip Top Notcher of the herd header type, for sale at reasonable prices. 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We cut closely, ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. FALL SALE OCTOBER 22, 1906. Kindly mention Homestead when writing.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Anction Boy 3d, Queen's Kan't Be Beat by the great Kan't Be Beat, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG,

LINCOLN, NEB.

Thos. Bennett, Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

DUROC JERSEY PIGS FOR SALE.

80 MARCH pigs by Roy Advance, Malcom's Model 2d, and Gold Standard. Also have four good fall boars and will sell Gold Standard, two years old. I have one litter by Manley Orion. Brood sows mostly by Billy K. W. J. Hartung, Maxwell, Ia.

MINNESOTA'S HERD OF DUROCS

FOR SALE--One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars--herd headers among them. Let me hear from you. Harmon Gruber, Brewster, Minn.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd of bull Expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.



H. C. GUMBEL,
The Man Who Stands Back of the
"Knodig" Pitless Scale.

Let Me Send You a Knodig Pitless Scale On 30 Days' Trial

My Direct-From-Factory Selling Plan Saves You Jobbers' and Dealers' Profits.

You Have Nothing to Pay Until You Are Satisfied. No Deposit—No Notes to Sign—No Obligation of Any Kind.

My Scale Is Used by the U. S. Government, Which Proves Its Quality

I WANT every Farmer, Stock Raiser, Elevator Man and Grain Dealer in the land to get acquainted with the New Model Knodig Pitless Scale, with the patented protected bearings. My big free scale book just from the printers tells all about the "KNODIG," and it's a mighty interesting story, too!

I don't care whether you expect to buy a scale now or in the future, or for the matter of that, whether you ever expect to buy one,—send for the "KNODIG" book, anyway. It contains over 40 half tone pictures that will interest you, and it is chock full of good common scale sense from cover to cover.

You just simply can't read this book without getting interested in the "KNODIG" and if you don't want one yourself, I'll take my chances on your saying a good word for my scale to your neighbors. Why, two-thirds of the thousands of Knodig Pitless Scales now in use in this country were sold as a result of satisfied users telling others about it.

Yes, that's just the kind of scale the "KNODIG" is!

* * * *

MAY BE you are thinking about buying an expensive, old style Pit Scale. If so, just take my advice,—don't! I can not only save you from \$40 to \$60 in the cost, but I will also give you a better scale in the "KNODIG." Here is why it is a better scale:

The Knodig Pitless Scale sets entirely above ground. All the working parts are inside the eight-inch steel frame. No pit is necessary. Therefore, the "KNODIG" does away with the following annoying and expensive features of the high priced Pit Scales:—

Digging and walling a pit, renewing broken and rotten timbers, dipping water and breaking ice, replacing rusted parts caused by pit dampness, removing platform to get at the trash and dirt.

Now, understand me,—please! I don't say that the old style Pit Scales may not be all right for those who can afford to pay a fancy price, never expect to move their scales, and do not mind the trouble and expense of keeping them in repair.

But,—if you can save about half in price,—have no pit to dig,—no big lumber bills,—no expensive Stone Mason, Bricklayer or Carpenter jobs for foundations,—and get a better, more convenient and satisfactory scale in every way.—

—Why shouldn't you prefer a Knodig Pitless Scale?

* * * *

REMEMBER, too, that the "KNODIG" is portable. It is personal property, the same as a plow or wagon, and can easily be taken down and moved anywhere on your premises, wherever the work may happen to be. The Pit Scale is immovable. The foundations are of brick or stone for a fixed location. Should you sell your land, the pit scale goes with it under the law.

And the recently patented Protected Bearings on the Knodig Pitless Scales give them a big advantage over all other scales. They are always ready for instant use, which saves money, time and temper. No ice or snow to cut away from "KNODIG" Bearings in winter, no dust or dirt to clean out at any time; nor can rain, snow or sleet interfere in any way with the sensitively accurate weighing feature of this scale. Absolutely accurate weighing is what you want, isn't it?

Knodig Pitless Scale bearings are made of black diamond and silver tool steel, proved by experience to be absolutely the best steel for the purpose.

Write for the Free Knodig Scale Book today. Sure!

H. C. Gumbel, Gen'l Mgr. National Pitless Scale Co.,
2011 Wyandotte Street, Kansas City, Mo.

The pivots are ground, gauged and tempered by expert scale makers, and the scales are sealed by an expert sealer.

* * * *

HERE'S how I save you money on scales of high quality:

All scales, including the high priced pit scales, are sold through Jobbers, Dealers, Agents and Salesmen, who all take their profits out of the scale by the time it reaches you, the user. My new Direct-from-Factory Selling Plan now saves you all these middlemen's profits, because I have cut out absolutely everyone who stands between you and me in the sale. You pay only one small profit on the "KNODIG" over and above the actual cost of labor and materials in producing it.

No other scale in the world is sold this way. If you question this statement, just write to any scale manufacturer and see how quickly he will turn you over to some agent or dealer. But why should you pay more for the privilege of buying scales through a third party?

Does it make them any better to pay this extra profit? Is there a

single reason why you should not deal directly with the factory? You buy Stoves, Incubators, Organs, Buggies, and a hundred other things that way, and save money by doing it. Then, why not—Scales?

In adopting this policy of direct selling, I realize that I am making many powerful enemies for the "Knodig" Scale. For I am antagonizing every scale jobber, mail order concern, dealer, agent and salesman in the country, who will naturally, in self defense, talk against the "KNODIG" and in favor of the scale that gives them, instead of you, the extra profit.

So, you see that I must rely solely upon you, the man who pays for and uses the scale, and I ask you to decide for yourself where your real interest as a scale buyer lies—whether with the scale that comes to you burdened with a "rake-off" for the middlemen, or

the "KNODIG" which you can now buy direct at a saving of one-third to one-half.

* * * *

LET me prove that the "Knodig" Pitless is the scale that you want. Let me send you a set on 30 days' free trial. Test them in your own way in the actual weighing of your stock, grain, hay and produce and make up your mind for, or against, the "KNODIG."

You have nothing to pay until you are satisfied,—no deposit,—no note to sign,—nothing to do but give the "Knodig" a fair, honest trial at my risk. If it doesn't please you, just send it back and I will pay freight both ways and the expense of setting it up on your place. Could any offer be fairer?

The "KNODIG" must satisfy you or no sale. No buying a "pig in a poke" when you deal with me. You take absolutely no chances, you run no risk of any kind, because you try before you buy this scale. For, you see, under my plan the Knodig Pitless Scale must actually sell itself on its merits.

Please send me your big free Knodig Scale Book by first mail.

Name

Address

Cut out
and mail this
Coupon today.

H. C. GUMBEL,
General Manager,
National Pitless Scale Co.,
2011 Wyandotte Street,
Kansas City, Mo.

Cut Out, Sign and Mail this Coupon Today



VOL. LI, NO. 42.

DES MOINES, IOWA, OCTOBER 18, 1906.

WHOLE NO. 2570

HOGS BREAKING DOWN.

The following communication has been received from one of our subscribers, Mr. F. C. Wilson, of Decatur county, Iowa:

I wish you would tell me what is the matter with my hogs and shoats. They seem to get stiff and lame in their hind legs, and while some of them get over the trouble, others do not. What is the cause and also the remedy?

There are a number of ailments that might result in stiffening the hind quarters of hogs. In the first place, it frequently happens that too heavy feeding of corn causes a weakening of the bone, the result being that animals break down. This is apt to occur where they are not supplied much pasture or grains or feeds other than corn. Corn does not contain enough flesh-forming and bone-making material and the man who uses it without supplementary feeds is always taking chances of having trouble. Of course if they have plenty of pasture and exercise they will very often go through in good shape. If the ailment in this case is due to corn we would advise the use of supplementary feeds such as shorts, bran or oil meal. Tankage is also an excellent food in a case of this kind, as it is a most satisfactory flesh and bone builder. Stiffness may be due to rheumatism. This, in our opinion, is the cause of a good deal of trouble among hogs. Sleeping in damp quarters is invariably the cause of this ailment. We have known instances where it resulted when hogs were compelled to sleep on drafty floors. The hog can stand some hardship, but nothing will throw him out of condition quicker than air drafts that circulate through his sleeping quarters. Bedding in any case should be used liberally from this time on for hogs. It will not only keep them dry, but as the cold nights approach it will prevent them from piling up and they will consequently do much better than if compelled to sleep on the bare floor or in damp quarters. If the food of these hogs seems to be responsible for the trouble it might be necessary to do a little drugging in order to more quickly bring them to their normal condition. We have found that a good teaspoonful of sulphur mixed with the food about three times a week will do more to a

hog that is out of condition than anything we have tried. If this is used, however, they must surely have access to good, dry quarters, otherwise there is danger of them taking cold and this may result in lung fever.

STACKING SORGHUM.

A subscriber asks about the best way to handle sorghum. He states that he has already put it in the shock and is doubtful whether it is better to leave it there or to put it in the stack.

This is practically a labor question. Sorghum will usually cure out sufficiently in about a month if left in the shock to be stacked with a reasonable degree of assurance that it will keep well. It is heavy work at all times, but if it is put in the stack some time during the fall much disagreeable labor will be saved later.

The objection to leaving it in the field is that it invariably freezes to the

ground, so that hauling during the winter necessitates some digging and chopping. We have known instances where it has been put in the barn after being thoroughly cured in the shock. It gets a little warm at first, but usually cools down without spoiling.

INDICATIONS OF GAINING ABILITY IN STEERS.

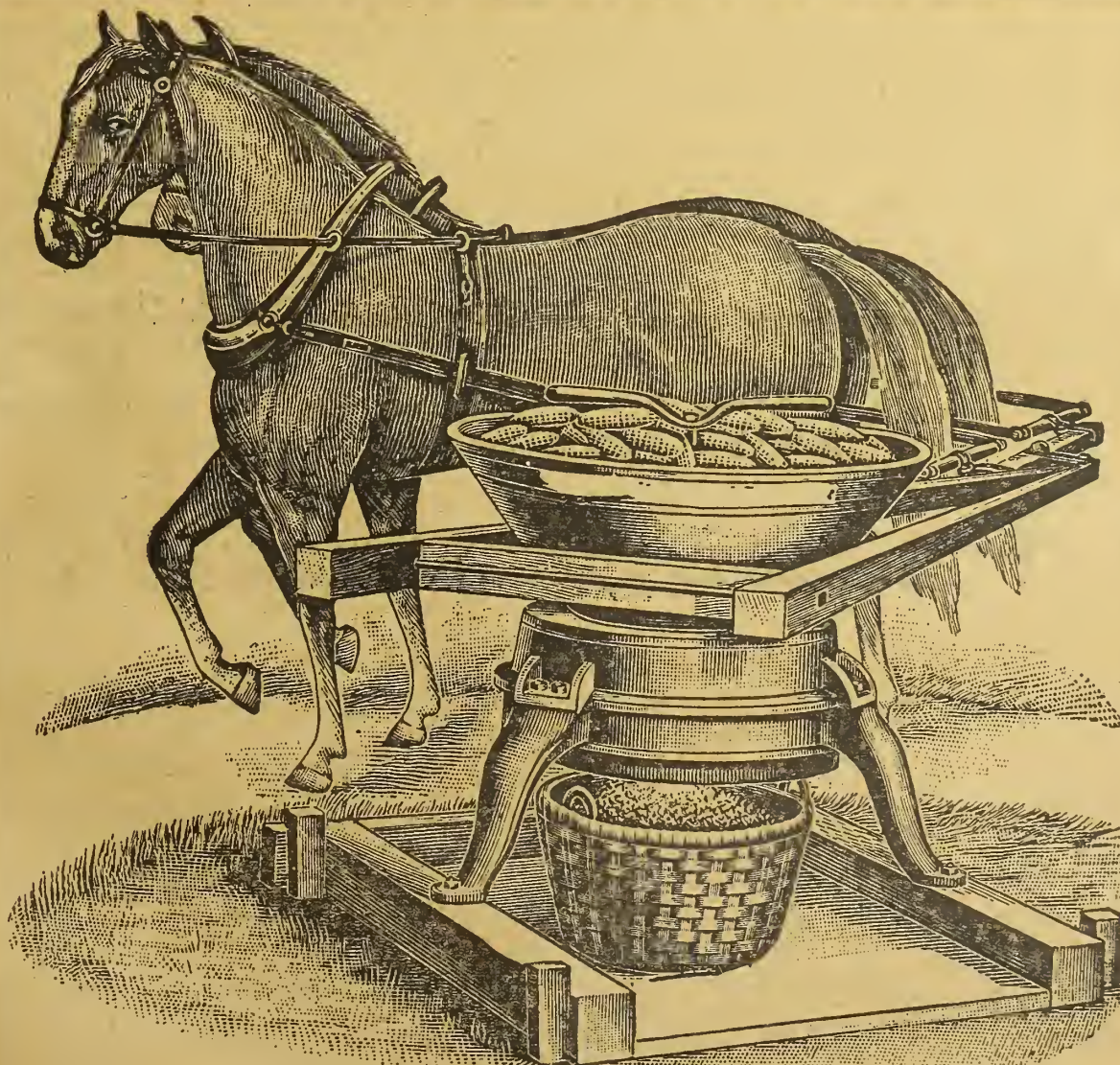
In his book on "Profitable Stock Feeding" Professor Smith, of the Nebraska Experiment Station, gives some attention to the beef type in the feed lot. Concerning the external indications of gaining capacity Professor Smith says:

Fortunately for the man who huys cattle for the feed lot, there are certain external qualities which serve as an index to feeding capacity. (1) The abdominal cavity, occupying the middle of the animal, should be roomy. A steer, slender and tucked up in body, is unable to utilize a large amount of feed and therefore cannot make heavy gains. There should be not only good depth and

breadth of body in the abdominal region, but this breadth and depth should extend forward to include the chest cavity. (2) A lack of width through the chest would indicate that the vital organs, including lungs and heart, are restricted in development. An animal having poor chest development is invariably a slow feeder. This seems reasonable in view of the fact that the lungs and heart play so important a part in purifying the blood and forcing it to circulate throughout the entire system. The blood being the medium which carries off worn-out tissue and replaces it with fresh matter taken from the digestive tract, is a most important factor in digestion and assimilation. If there is a lack of lung development—indicated by narrow chest, slender neck at the base, and small nostril—the oxidation, or purification, of the blood must be correspondingly slow. (3) An active, healthy circulation of blood, and active digestion and assimilation are also indicated by the character of the skin and the hair. The outer skin is a continuation of the inner skin, which constitutes the stomach and the intestines. If the outer skin is dry and harsh, lacking in pliability, we may expect a poorly nourished inner skin. A soft, pliable skin, covered with a thick, mossy growth of soft, fine hair, oily in appearance is almost a certain indication of active digestion and assimilation of food.

Drawing the skin between thumb and forefinger is the surest way of determining its handling quality. In buying steers for the feed lot, however, this is not often possible, because of the timidity of the animal. A feeder of long experience learns to associate a bright, healthy coat of luxuriant hair with gaining capacity. He learns to avoid the skin having the appearance of being drawn tightly over the body. These are qualities which may be observed by the eye.

Experienced feeders know that one might talk on this subject until doomsday and still leave the beginner to pick up nearly all of his knowledge on the subject by experience. When one has put his own dollars into a carload of steers, and repeated this several times, he finds the type that makes him money. However, the description given by Professor Smith is a good one, and even the experienced feeder cannot place his ideal too high. Blood of course will tell, though after all it is more a matter of individual merit in the animal itself than a question of breed when it comes to making gains in the feed lot. There is not much difference in the relative powers of assimilation between good ones of the various breeds, the merit of the strictly beef type animal being found in the greater value of the cuts when such an animal is finished. We need not only to pick out the type that will make the gains, but one that when finished will attract the buyer.



If any of our readers want to buy a feed grinder, one of the most useful machines on the farm, and want to buy it without any trimmings that go with such articles when bought from dealers, we would recommend them to the Western Harness & Supply Co., 53 Main St., Waterloo, Iowa. This concern manufacture a full line of feed grinders, feed cookers and tank heaters and are known among the feeders as one of the best lines on the market, and they sell them direct from their factory to the farmers, giving them the benefit of the factory prices. All their goods are sold in this way. That accounts for the very low prices. They sell their Knox Big Grinder for \$23.25 and guarantee it to grind fifty bushels full of corn per hour and also guarantee it against breakage for two years. They would be glad to ship their Knox Big Grinder to any of our readers on ten days' free trial. The Western Harness & Supply Co. are a concern our readers may safely deal with. They publish a catalog, giving a full description of their wares which they manufacture and place direct in the hands of the users. It will be sent on application.

THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

ENCOURAGING AGRICULTURAL COLLEGE STUDENTS.

During recent years the agricultural colleges and experiment stations have been taking an important part in building up an improved agricultural and live stock industry in the corn belt. The part taken by these institutions in exhibitions, notably the International, which is annually held in Chicago, has done much to break down the old prejudice that those in charge of these institutions were theorists and therefore not capable of giving practical instruction that would help the man out on the farm.

We have at hand a communication from Mr. J. Ogden Armour addressed to the president of the International Live Stock Exposition at Chicago, which reads as follows:

We all recognize and appreciate the work done by our agricultural colleges in advancing the cause of agricultural education in this country through the character and extent of their exhibits of live stock and field products at the international show.

With a view of stimulating their efforts to give an increased evidence to our farmers of the great value of their work, I hereby offer to you the sum of \$5,000 to be distributed annually at the International Exposition in twenty agricultural scholarships to be competed for by the state agricultural colleges at your exposition.

The competition for the scholarships to be based upon animal and grain exhibits from the several colleges and such other forms of agricultural student competition as may be recognized or established by the International Live Stock Exposition. The details governing the competition to be determined by the management of the said exposition and to be known as the J. Ogden Armour scholarships.

It is my desire that the recipients of the scholarships should be limited to boys whose parents are unable to give them the advantage of an agricultural education.

Pres. J. A. Spoor replied to the communication received from Mr. Armour as follows:

On behalf of the directors of the International Live Stock Exposition Association, as well as for myself, I beg to acknowledge your favor of the 5th inst. and to accept with many thanks your most generous offer of \$5,000 to be distributed annually at the International Live Stock Exposition in twenty agricultural scholarships to be named the J. Ogden Armour scholarship.

This endorsement by you of agricultural education is most timely and worthy, and the safeguarding of the scholarships so that they may only be given to boys who might not otherwise have the advantage of a college education is a wise provision. The International Live Stock Exposition, founded for the advancement of agriculture and the improvement of live stock, is honored in being made the medium through which your liberal endowment is to be distributed, and I beg to assure you that every assistance in the power of this Association will be rendered to carry out the provision of your scholarship awards, so that the greatest possible good may be derived therefrom.

Please accept our renewed thanks with full appreciation of the generous spirit and motive that has prompted the gift.

We are not informed as to just what disposition will be made of the sum of money donated by Mr. Armour. We believe, however, that the directors of the International are sufficiently in touch with affairs at our agricultural colleges to dispose of these scholarships in a manner that will accomplish the greatest possible good for central West agriculture.

VALUE OF WEIGHT IN WORK HORSES.

There is more than the usual amount of interest being taken in the showing of draft horses this season at the state fairs. The Percheron, Shire, Belgian and Clydesdale classes at every fair held in

The crisp autumn days are at hand; October, the most delightful and characteristic of the fall months in this part of the world, is more than half gone; the distant approach of winter is signaled by the cool breath of the advancing season, and the farm takes on the brisk activity betokening the coming end of another year. The Homestead always welcomes the fall and winter seasons, because they bring it into closer relations with the farmer and his wife, with the boys and girls on the farm, and with the hired help in field, feed-lot, barn and kitchen. Pages neglected or forgotten in the summer, when the call of the growing crops is urgent, and when the heat and burden of the day make intellectual effort difficult, are eagerly sought when fall and winter come. We are all human—even editors—and rejoice when "our turn comes."

The Homestead was honored this year by being selected by the National Agricultural Press League to represent that important body as a member of a committee of three farm papers, through duly-designated representatives, to appear before the congressional postal commission and state the wishes of the agricultural press respecting postage on newspapers and magazines. The other members of the committee were the Farm Journal, of Philadelphia and the American Agriculturist, of Springfield, Mass. The hearing was held at New York, October 1st to 5th, and was full of interest to all concerned. To be thus chosen from among the 500 farm papers of the country to voice the sentiments of the farm press west of Pennsylvania was a mark of confidence deeply appreciated by the publisher.

A pleasing feature of this gathering of publishers of all classes to present their views of postal policy to the commission was the complete absence of the spirit of bitter rivalry which used to mark such gatherings. There were duly-authorized representatives of the periodicals, the daily newspapers, the trade papers, the fraternity organs, the local weekly press, the Sunday school papers

the corn belt have been well filled, and the quality throughout has been uniformly of a high order. In most cases the classes have been filled with imported animals, and while it is a most excellent sign of the times to find that horses purchased abroad are selected with great care, yet there are those who regret that so much attention is being paid to the importing of animals and so little to breeding them in our own country. To this it may be said that it will be many years before America will have enough good draft mares to raise her own supply of stallions. Those who have tried to breed them here have found out that the difficult problem is to keep up the scale. The market demands the big horse. It wants quality, but it pays well for weight.

Professor Craig, in his book on "Stock Judging," gives the following table which shows the weight and price of drafters in the Chicago market in the early nineties:

Average weight.	Average price.
1,400	\$155.87
1,450	159.15
1,500	169.15
1,550	176.56
1,600	176.62
1,650	208.64
1,700	212.89
1,750	236.14
1,800	258.33

According to this tabulation the increase in weight from 1,400 to 1,800 pounds advanced the price upwards of \$100, thus making the 400 pounds increase worth a little better than twenty-five cents per pound. The figures given here no doubt apply quite accurately to prices at present, meaning that a premium of twenty-five cents per pound is paid for weight in the draft horse for every pound added between 1,400 and 1,800 pounds.

Although weight, as indicated above, sells for good money, there never was a time when more emphasis was placed on quality of limb than the present. A horse with the meaty bone is discounted in the central markets today compar-

and practically all sorts of recognized publications, but there were among them only those courteous differences of opinion which mark the intercourse of gentlemen with each other. It has almost passed into a proverb in these latter days that the publication which devotes any part of its space, much more a considerable part, to criticism of a competitor or its methods, never meets any large measure of success. The effort to injure a rival indicates a bad spirit—a spirit not consonant with the good feeling which attracts others into business relations. The modern publisher builds up his own publication and, if questioned about a competitor, says a good word for him. He never seeks to injure a business rival or to tear down the results of his labor.

The advertising columns of The Homestead are crowded, these days, with interesting, important and valuable announcements. We believe no other weekly agricultural journal in the world contains so much advertising, of so varied a character and representing so many different advertisers. In both commercial and live stock advertising the ascendancy is noticeable. The stockmen of this great, prosperous, mid-western land of plenty have learned that no other weekly agricultural paper reaches so many progressive, intelligent, thrifty farmers and breeders as does The Homestead. A well-worded advertisement, offering desirable stock for sale, never fails to attract the attention of the vast army of Homestead subscribers, now nearly 85,000 in number.

"We are more than pleased with the results of our advertising of 'the Akin Husker' in The Homestead," write Messrs. Smith & Davis, an enterprising firm of Ames, Iowa. "Every mail brings us orders from it. We have received orders from wherever your paper circulates; and the orders we are receiving indicate to us that your circulation extends all over the United States, as well as into Canada, for we received an order from a Canadian farmer who said he

noticed our advertisement in The Homestead. We placed our advertising in The Homestead, the Wisconsin Farmer and the Kansas City Farmer and Stockman on the low combination rate you offer, and we feel that we made no mistake in so doing. We hope to continue with you as the seasons come and go." An entire issue of The Homestead could be filled with just such expressions as the above, but one must suffice.

Shall it be 100,000? We mean the circulation of The Homestead. Less than two years ago it was 60,000; today it is nearly 85,000 and still steadily growing. How long this growth shall continue and how soon we shall reach the 100,000 mark depends largely upon the favor and friendship of those whose names are already on our lists. We have a very vigorous and active circulation department, to which we have recently largely added; but canvassers, club agents and solicitors can succeed only in the degree in which The Homestead makes friends for itself. The present growth is more largely due to the friendly commendation of our present subscribers than to all the agents who are soliciting subscriptions for us in the corn fields and at the farm houses of the West. This good service our friends are doing for their favorite farm paper was never so productive of results as now.

While advertising increases in volume and value from year to year, it is The Homestead's policy not to neglect the reader. As pages are added for advertising, reading matter is also added; and our editors are under instructions to spare neither money nor effort in securing the best that the world of practical and scientific agriculture affords. We are determined that no issue of The Homestead shall ever go out which will not prove worth a whole year's subscription to the studious reader. This high standard will neither be abandoned nor lowered. So long as our present generous patronage continues, it will, on the contrary, be steadily elevated.

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tion of the principles and also giving comparative results for lands variously situated in the district. The common problem of sub-districts or main ditch with laterals is also treated, with solution for assumed conditions showing a method by which each sub-district will pay for its own lateral and for its share on the outlet or main ditch.

The mathematical work will be of interest to engineers and drainage commissioners, while the general principles will be appreciated by property owners liable to assessment for drainage improvements. Methods and principles are noted for assessing dry land, highways, railroads, etc., also appraisal of damages to farm and railroad property, together with quotations from the recent United States supreme court decision in an Illinois case whereby railroads must provide bridges for ditches along natural waterways at their own expense, the only award of damages being for the excavation of the ditch.

Methods for making the survey are briefly given, also data required on the map, and a suggestion for the report to the board of supervisors which will show the value and advisability of establishing the district.

In writing for the bulletin ask for No. 6, Vol. III.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

DRAINAGE ASSESSMENTS.

The engineering experiment station of the state college at Ames has just published a comprehensive bulletin on the important subject of drainage assessments, which can be secured free by writing to Director A. Marston, Ames, Iowa.

The bulletin is by Prof. L. E. Ashbaugh, of the civil engineering department, who has been employed as state engineer on drainage work by the executive council for the last two or three years, and who, in addition, has had much experience at drainage engineering in Iowa. The method of making drainage assessments which he presents is one that has been thoroughly tried in his practice and that of many other drainage engineers in the state, and which has received extremely favorable comment from all who are connected with drainage assessments.

General principles which should govern assessments are first noted. Conditions are then assumed and by aid of map and chart an actual assessment problem for a simple drainage district is worked out, thus showing the applica-

Farm Furrows

Turned by a Practical Farmer.

Some men can do more work and any kind of chore sitting behind the stove in the grocery store.

The fly that hangs around a screen door all day to get to light on a piece of sticky fly paper must feel pretty cheap.

As a rule, one never misses the summer until the retirement of the straw hat makes one think of the overcoat issue.

Sam says he knows a man with a wooden leg who wades around in the grass in the summer time with the hope of getting even with the chiggers.

The world is pretty well divided after all. In the winter the rich get to see all the theaters and in summer the poor can take in all the circus parades.

A farmer who started in a small way grew insolent as he became opulent, which very often occurs. I have observed that as soon as a tadpole loses its tail it begins to kick.

Whenever a tree first comes into bearing is the time to fully determine the variety of fruit, if a small boy does not get there first, in which case one may have to wait another year.

"The world owes me a living," says an unthrifty man. Yes, that is so, but he will have to hustle around and make the collection. The world owes every man a living who is willing to help get it.

When a farmer plants a field of corn, the issue with him is to obtain a large yield, but quite often he forgets, neglects or does the wrong thing and fails. There is more than merely the selection of good seed.

It is to be hoped that the man who produced seedless grapes will try his hand on producing a watermelon with handles so picnickers can carry them easily. Of course there are others who would be helped by this improvement.

Under special care, two litters can be made to pay. Those who have had the most experience along this line say that breeding should be done in November and June, and that the pigs should be weaned when about three months old. Good blue-grass pasture will work wonders for the two-litter sows.

We often hear people say: "He is a bright and intelligent man, but he drinks so hard." The latter part of the quotation gives a lie to the first. Can a man be bright and intelligent and drink to excess? If he drinks at all he is liable to drink to excess, and for that reason it is safer to let intoxicants alone.

Working with the hands and muscles and letting the brain rust is one-sided farming. Some can succeed in this way of doing, but it is not always the wisest plan. Because a man can lift a barrel of salt in a wagon is no reason why he should, when he can use a skid. We should use a skid more and lift less.

The food and dairy commissioner of Iowa states that rotten eggs come under the name of impure food and that those who sell them are subject to the provisions of the pure food law. Certainly no person will claim that a decayed egg is pure food. The question is—who is responsible for the sale of rotten eggs?

Don't you like to hear a story told like this? "I remember once—I think it wuz in November—let me see—no, it wuz in October—still that couldn't be fer I remember that when I got up in th' mornin' ther' wuz ice in th' basin—anyhow it wuz either in November or October—let me see—no—well anyhow—but I'm gettin' ahead o' my story—what I meant t' say wuz—now I'm gittin' it straight—it wuz th' day Mrs. Johnson brought th' irons home."

In some parts of the new Northwest, on the Canadian side, there is a good deal of talk about organizing or arranging for governmental insurance of crops against hail. There is great damage done to crops there by hail and it is proposed to tax all farmers and pay losses to the unfortunate. About 2 per cent of the acreage last year was destroyed by hail. Taxes to the amount

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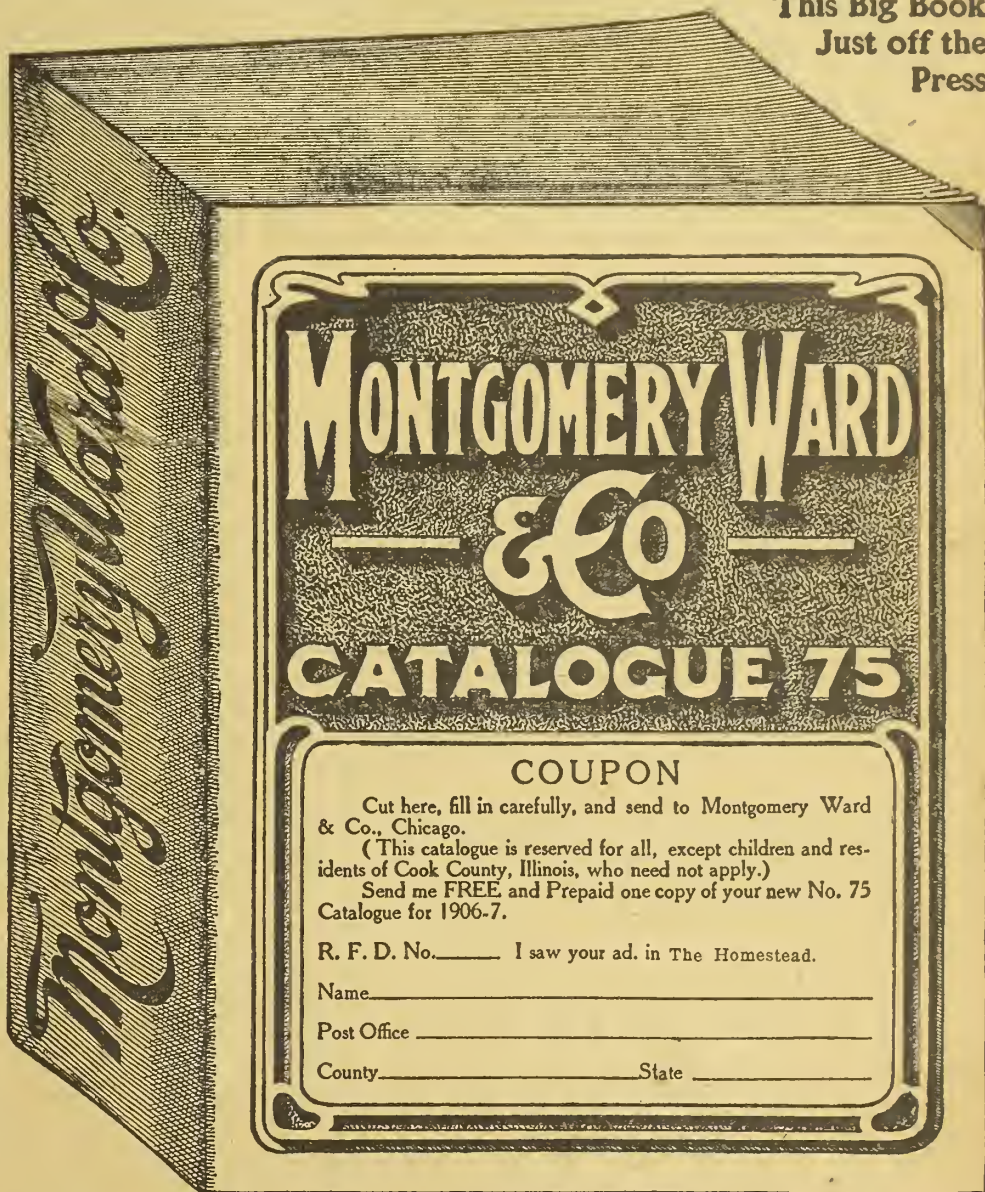
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Montgomery Ward & Co., Michigan Avenue, Madison and Washington Streets, **Chicago**

of two and one-half cents per acre would meet this loss. Since many losses mean only one-half crop, the levy would be much less.

While talking to a Minnesota man recently who has been a dairyman, he told me that he once advocated the special-purpose cow, but since he has spent some months traveling over the state of Iowa he has about changed his mind, and is now ready to speak a word for the general-purpose cow. He says Iowa conditions are not like those of Minnesota.

Any boy, girl or cripple can drive a manure spreader and do better work than the strongest and best man can do by hand. By its aid, manure may be spread on any soil without injuring the growing crop or being in the way of putting in a crop. It can be used in spreading manure on a field that has been planted to corn without injury to the crop. One can spread manure with his Sunday-go-to-meetin' clothes on. Oh, it is a great invention.

An exchange says that a driving horse

will last longer in a hilly country than on a level plain, and will go more miles in a day, week or year, up hill and down, than on a level. I wonder if this is so? It is true that in a level country the horse is liable to go faster and go fast longer than when he has to walk uphill and walk down many of them.

A seed bed for wheat should be made as fine as ashes, and the nearer one approaches this condition, the better. For best results, no particles of soil should stick together. It was by perfect preparation of the soil that Lawes and Gilbert succeeded in raising forty crops on the same land in succession, and over thirteen bushels of wheat per acre were raised the last year.

The potato seed question has been debated a good deal. It has been claimed that none but large potatoes should be planted, and again many have claimed that the matter of size is not important. Wise growers have ascertained that the size of the potato is not as important as the number and size that grew

in a hill, and they select seed only from such hills that have a great weight of uniform tubers. This is worth considering.

There are two kinds of farmers in every neighborhood. One kind really farms the soil in such a manner that it will not wear out, and the other farms like a beggar begs. The latter wants to get all he can from the soil without putting anything back. Such men are miners, for they seem to think the supply of fertility was placed there just like the supply of coal.

While watching some shoats that were being continually put through a dipping arrangement at a fair it occurred to me that lice would have a difficult time to get in their work on hogs that were given such treatment. I also wondered how long lice would stay on a hog that had access to a hog wallow. A hog wallow saturated with some lice killer would approach a self-dipping device and it seems to me that the hogs would enjoy it immensely.

THE AMERICAN ROYAL



Notable get of Gallant Knight, owned by T. K. Tomson & Sons, Dover, Kan.

Of the great multitude of fairs and expositions, few there are that to an exact degree fulfil the purpose for which they are created. The American Royal, of Kansas City, is one of the few that started out with a definite purpose in view and succeeded in attaining the end designed for it. The American Royal is not an exposition of everything on earth, but is primarily a breeder's show. Its five years of history is but a history of battles between the great herds of pure-bred live stock emanating from corn-belt states. State fairs are but preliminaries to the great Kansas City show. There the minor battles are fought and the sifting-out process carried on. The tail-enders in all the live stock classes tackle it once, possibly twice, and then drop out for good. The herds good enough to fall heir to ribbons at the state fairs generally stay in until the story of the great American Royal is told. The character of the exhibit throughout last week indicated that the sifting-out process was complete this year, and as a result the best that has ever been shown at Kansas City in quality and in numbers was on exhibition.

As said before, the American Royal is primarily a breeder's show. It is held at the stock yards of an important center of a large and productive agricultural territory. The judging pavilion is a commodious tent, with a seating capacity of 5,000, which has answered the purpose thus far most admirably. The barns for housing the live stock are the stock-yards stables. These are ample in capacity, admirable in design, and withal comfortable for man and beast. The fair is managed by men who know the needs and wishes of exhibitors and visitors, and who have the ability and resources to supply them. This year the fair was more largely attended than ever before. The seating capacity was more than taxed several times during the week, and it would not be surprising if in the very near future more space would have to be allotted to visitors. Of course, compared with state fairs, the total attendance is not large, though when five or ten thousand people come together to see a strictly live stock fair, a fair without frills and without amusement features, it is surely an indication that there is a very substantial interest being taken in the breeding and feeding of pure-bred live stock.

The plan of running the American Royal apart from the annual horse show, formerly held during the same week, has succeeded. It avoids unnecessary congestion in the city, and gives to each class of sight-seers exactly what they are seeking. The evening programs are made up of highly entertaining features, including the showing of heavy horses in harness, as well as to the halter, and the exhibition of high-acting coachers and hackneys, as well as parades made up of prize-winning animals. Men who are interested in the heavy-harness horse alone frankly acknowledged that the evening program put on at the American Royal surpassed in interest the very best entertainment that is furnished at any of the so-called horse shows. That the managers of the American Royal

have succeeded in making this record entitles them to much credit.

There is not a single one in the whole list of state fairs, interstate fairs or expositions but could learn important lessons at the American Royal relating to the consideration that is given to the visitor who pays his admission fee and takes his seat quietly beside the judging arena. Complete catalogs were furnished to all. Animals of every description were numbered while in the ring. Every class as it appeared was announced for the benefit of the visitor. The announcement of awards in every class was followed by a parade of the animals in the order of their winnings, thus giving to the visitor the best possible opportunity for instructing himself concerning the merit of the prize-winners. "Everything moves off here without a hitch," said one who had been around the circuit this year with a herd, and coming from the source it did, nothing more complimentary could be said about the management of the show.

The carload lots this year, notably in the feeding classes, were somewhat of a disappointment. Instead of an increase in numbers there was a marked decrease, and while there were feeders of good quality exhibited, on the whole the feeder show could not be called truly representative. Considering the fact that Kansas City is the center of an immense territory designed by nature, as well as planned by man, to be a breeding instead of a feeding ground, the American Royal should bring out more young cattle ready to go from show into corn-belt feed lots. As a fat cattle show, it

The fact that some of the most noted breeders were there with the herds this year would indicate that this department might now be on a substantial basis. So far as could be ascertained, there was no outbreak of disease during the week, and if the herds shown this year are taken away clean and healthy there are no bounds to the American Royal as a swine show. The pains taken this year to disinfect all quarters and to keep breeding hogs away from what might be contaminated ground, is the best proof required by breeders that the seriousness of cholera and swine plague is appreciated by the management of this show. The number of great herds of swine in Missouri and Kansas alone should be sufficient to give the most substantial kind of support to the idea of holding a swine show in connection with the American Royal.

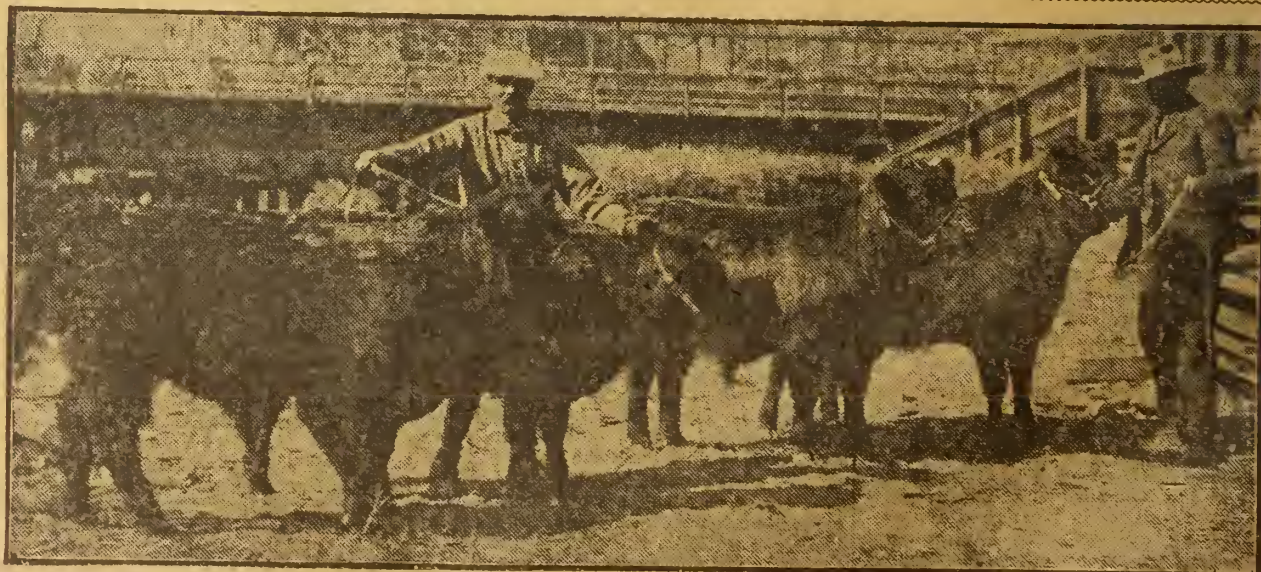
Although men on every hand could be found to make the claim that the American Royal is the most skilfully managed live stock fair in the central West, it must not be inferred from this that the fair is absolutely without a flaw. From the visitor's standpoint, especially the visitor who takes an intelligent interest in the ratings of animals, there is altogether too much side-talk with the judges at the great Kansas City show. The average man believes that it is possible to obtain judges sufficiently competent to pass on a given class of animals without any consultation whatever with outside parties. If among the tens of thousands of breeders of pure-bred stock found in the corn belt there cannot be found three men who are competent to

verdict should be reached. While we do not avow that judges changed their verdict at the American Royal on account of little debates with outsiders, yet the visitor, who is always sharp to see what is going on, believes that it does, and for that reason it should be cut out. On this score the American Royal is a little more off color than any of the fairs held this year. We believe the judges of the American Royal were honest men and were sufficiently competent to tie the ribbons without any outside help. It matters not how large the classes may be, there should be no confusion in finding the winners. To have an outsider step up to the committee and call special attention to an individual that has been overlooked is an act that is received with bad grace by those who are looking on. An incident of this kind tends to create the impression that it is the man and not the animal that wins, and no fair can afford to establish a reputation tinged with such an odium.

BEEF CATTLE.

SHORT-HORNS.

Two hundred and seventy-four Short-horns, the cream of the season's contest, were exhibited at the American Royal last week, the largest exhibit numerically of any of the beef breeds. While the fat cattle were in the minority compared to last year, breeding cattle took a rise that made some of the rings the largest ever, and with the general high quality of all the animals, presented a most perplexing problem for the awarding talent. The difficulty in finding the good ones only made the work more creditable to the committee, composed of Thos. Clark, Beecher, Ill.; T. B. Hart, Edinburg, Ill., and J. M. Hall, Paris, Ky., who worked by twos. Classes were so large that the management added four extra prizes in two classes. Even then there were some good ones left outside the money, some of it will be heard from a year later. In fact, it is but stating it mildly to say that altogether it was a show well in keeping with the prestige of the Royal, and as it was practically a contest for supremacy between the East and the West, it added still more interest. Thursday afternoon was perhaps the most spectacular part of the whole Short-horn exhibit if not of the whole cattle show. Seven magnificent herds sought favor with the awarding talent and the result with one or two exceptions was in harmony with expectations. Following is a list of exhibitors: Geo. Bothwell, Nettleton, Mo. (4 head); Bellows Bros., Maryville, Mo. (9 head); W. A. Betteridge, Pilot Grove, Mo. (2 head); C. E. Clarke, St. Cloud, Minn. (13 head); Creswell & Carpenter, Braymer, Mo. (4 head); Converse & Forbes, Maryville, Mo. (3 head); H. R. Clay, Plattsburg, Mo. (3 head); H. C. Duncan, Osborn, Mo. (3 head); Joseph Duncan, Osborn, Mo. (1 head); Guilford Dudley, Topeka, Kan. (3 head); W. A. Forsythe, Greenwood, Mo. (2 head); N. H. Gentry, Sedalia, Mo. (3 head); A. F. Graves, King City, Mo. (2 head); H. M. Hill, Lafayette, Kan. (7 head); H. J. Hughes, Trenton, Mo. (3 head); F. W. Harding, Waukesha, Wis. (17 head); D. R. Hanna, Ravensna, Ohio. (11 head); Harriman Bros., Pilot Grove, Mo. (2 head); A. F. Huse, Manhattan, Kan. (2 head); C. E. Leonard & Son, Bunceton, Mo. (5 head); O. E. Morse & Sons, Mound City, Kan. (10 head); J. P. Newell, Carthage, Mo. (7 head); Purdy Bros., Harris, Mo. (10 head); Jno. Relger, Whitewater, Kan. (4 head); Abram Renick, Winchester, Ky. (6 head); J. F. Stodder, Burden, Kan. (7 head); Henry Stunkel, Peck, Kan. (3 head); T. K. Tomson & Sons, Dover, Kan. (14 head); Thomas, Jameson & Mitchell, Allen, Kan. (10 head); T. J. Wornall & Son, Liberty, Mo. (14 head); Chas. Wells & Son, Maryville, Mo. (2 head); W. T. Williams, Harrisonville, Mo. (1 head); Dr. H. W. Givens, Fayette, Mo. (1 head); John O'Kane,



Galloway group, get of Worthy 3d, owned by C. E. Clarke, St. Cloud, Minn.

can never hope to compete with the great International, held in Chicago. It is not the time of year when our best cattle are finished, but the exhibit of fat cattle should be more than made up in the feeder classes.

It is too early to get an accurate line on what the swine department of the American Royal promises for the future.

tie the ribbons where they actually belong, then is this a sad commentary on the ability and judgment of our best men.

All side-talk, debate and argument should be confined to the members of the judging committee. They constitute the jury and the animals before them furnish the evidence from which an honest

Wisner, Neb. (1 head); Jos. McConnell, Kearney, Mo. (1 head).

AWARDS.

Aged Bull—First, Harding, on Whitehall Marshall 209776; second, Hanna, on Missle's Diamond 221080; third, Clarke, on Bapton Favorite 23175; fourth, Thomas, Jameson & Mitchell, on Orange Viscount 157352; fifth, Newell, on Master of the Grove 161374; sixth, Nevius, on Prince Pavonia 207316; seventh, Bothwell, on Golden Lavender 222970; eighth, Tomson & Sons, on Silvery Knight 206653. Even the

Royal did not bring the well-known champion of the season a rival, but for second this did not hold and either of the two great bulls which waged the fight for second had just claim to that honor. Missie's Diamond is a heavier-framed bull, a little rougher at the hips and shoulders than the Bapton bull, and with less uniformity in width of top line. This second and third rating could be changed and still satisfy many of the visitors. Orange Viscount out of the noted Lavender Viscount 124765 shows up well for a seven-year-old. He has plenty of flesh, put on smoothly and in the right place. Eight in all made this a strong class throughout.

Bull Two Years Old—First, Bellows Bros., on Good Choice 227852; second, Wornall & Sons, on The Conqueror 216051; third, Thomas, Jameson & Mitchell, on White Goods 234975; fourth, Converse & Forbes, on Dauntless Victor 2d 242645; fifth, Stodder, on Lord Filbert 223307; sixth, Huse, on Lori Butterfly 256435; seventh, Guilford Dudley, on Select Goods 224462. While individuals in this class were strong, there was a general lack of uniformity. A stylish, rich roan, which aside from slight slackness behind the shoulder, shows excellent conformation is this son of the great Choice Goods. For second another Choice Goods calf was chosen. He is a fleshy fellow, but you might fault him behind, especially in the hind legs. A half brother to the two first bulls fell heir to third money.

Senior Yearling—First, Hanna, on Diamond's Mariner 241073; second, Joseph Duncan, on Gwendoline Victor 2d 243304; third, Stunkel, on Valley Victor 244060; fourth, Stodder, on Royal Orange 243113; fifth, Newell, on Fancy Viscount 242273; sixth, Stunkel, on Waterloo Victor 244061.

Junior Yearling—First, Renick, on Signet 248501; second, Wornall & Sons, on Careless Conqueror 241515; third, Purdy Bros., on Lord Champion 254700; fourth, Graves, on Champion of Lyndale 265011; fifth, O'Kane, on American Play 266715; sixth, Tomson & Sons, on Gallant Lavender 244228; seventh, Morse & Sons, on Inaugurate 244625; eighth, Hill, on Robin Adair 266315. It was an easy matter for Signet to take the lead here on his general excellence of character and deep, square build with good top width, especially well and smoothly covered. It was not so easy to account for the placing of second. Some might call him a rather ordinary beast of plain lines. In the minds of many he deserved defeat by the stylish dark red of compact but lighter build put third. Fourth, was much like the one next above him, but had a trifle better finish and a good match for him also.

Senior Bull Calf—First, Harding, on Anoka Sultan 264212; second, Hanna, on Diamond's Crown 253864; third, Gentry, on Choice Abbotshurn 264801; fourth, Clarke, on Choice Knight 253397; fifth, Harriman Bros., on Mayflower Chief 264248; sixth, Bellows Bros., on Hampton's Demonstrator 264534; seventh, Betteridge, on Orange Major 264704; eighth, Gentry, on Sidington Choice 264802. A champion class for size, and it would be difficult matter to find twenty-three duplicates. The second bull is a comer and while good in all points and probably has more spread of rib with thicker padding than his superior, he still must yield to the great type and splendid Short-horn character represented by first selection. The Abbotshurn calf is a smooth, rich red and a tidy fellow a bit undersized. The Choice Goods calf had many claims for third, though it was no small honor to hold fourth in such a class.

Junior Bull Calf—First, Bellows Bros., on Lord Hampton 264849; second, Hanna, on Diamond's Pride 253868; third, Wells & Son, on Rose's Lad 266392; fourth, Clarke, on Knight Commander 263720; fifth, Graves, on Rose's Pride 265355; sixth, Harding, on Sultan Commander 263132; seventh, Harding, on Michael S. 263423; eighth, Stodder, on Standard Lavender 266386.

Aged Cow—First, Clarke, on Welcome of Meadow Lawn 9th; second, Hanna, on Ballachraggan Favorite; third, Harding, on Fanny Lovell 4th; fourth, Harding, on Princess Flora 2d; fifth, Tomson & Sons, on 3d Elder Lawn Victoria; sixth, Wornall & Sons, on Glosterina; seventh, Thomas, Jameson & Mitchell, on Rose Victor; eighth, Newell, on 7th Ravenswood Countess. With one more than the number of moneys of richly-bred and well-prepared matrons, this class was a spectacle of show-yard excellence combined with utility as well, for several spry offsprings enlivened the ring scene, a taunt to the critics who say that show cattle do not breed. Welcome of Meadow Lawn 9th was the generally accepted favorite and combines style, elegance of form with plenty of finish. The Springfield champion was forced to second and of a different type, more rugged and heavier framed, but withal splendidly inlaid with a deep, even covering. Third choice, a cow of most reliable Short-horn type, has not been showing, but made good in her condition of flesh. Princess Flora showed with a calf by her side, likewise the Tomson female.

Two-Year-Old Cow—First, Harding, on Anoka Broadhooks; second, Tomson & Sons, on Cherry Lass; third, Clarke, on Dorothea 2d; fourth, Wornall & Sons, on Bashful Princess 2d; fifth, Newell, on Sweet Briar Rose; sixth, Tomson & Sons, on Thorny Bud; seventh, Clarke, on Duchess of Lancaster 13th; eighth, Thom., Jameson & Mitchell, on Countess Royal. Cherry Lass is an exceptional female outclassed by only one other with the same good qualities in a higher degree of excellence. Both of the cows at the top show great character and make a great

study in Short-horn type. A sweet female not quite equal in finish and proportion to those above was given third, while a much lighter cow was given the place following on her trim, stylish type and good outline. The entries were all well fitted and quite faultless for smoothness throughout.

Senior Yearling—First, Harding, on Clara Belle; second, Purdy Bros., on Viscountess of Fairview; third, Thomas, Jameson & Mitchell, on 21st Duchess of Gloster; fourth, Nowell, on 21st Ravenswood Countess; fifth, Clarke, on Lady Mysio 2d; sixth, Purdy Bros., on Fairview of Orango Blossom; seventh, Tomson & Sons, on Lavina; eighth, Crosswell & Carpenter, on Lucy Jane.

Junior Yearling—First, Harding, on Missio of Browndale; second, Clarke, on Alice of Meadow Lawn; third, Tomson & Sons, on Grace; fourth, Harding, on Fancy Lovell; fifth, Wornall & Sons, on Snow Queen; sixth, Tomson & Sons, on 5th Elder Lawn Victoria; seventh, Purdy Bros., on Fairview Orange Blossom 13th; eighth, Thomas, Jameson & Mitchell, on Lavender Bud 2d.

Senior Heifer Calf—First, Harding, on Anoka Gloster 2d; second, Purdy Bros., on Monarch's Ruby; third, Bellows Bros., on Hampton's Tea Rose; fourth, Purdy Bros., on Monarch's Rose; fifth, Harding, on Broadhooks Sultana; sixth, same, on Claret; seventh, Renick, on Poppy; eighth, Clarke, on Lady Dorothea 3d; ninth, same, on Dorothea 3d; tenth, Wornall & Sons, on Sweet Tone 2d; eleventh, Bellows Bros., on Model Maid; twelfth, Purdy Bros., on Monarch's Ruby; thirteenth, Hanna, on Diamond's Nellie.

Junior Heifer Calf—First, Thomas, Jameson & Mitchell, on Rose O'Day; second, Bellows Bros., on Hampton's Queen Beauty 2d; third, Tomson & Sons, on Rose Archer; fourth, Hanna, on Diamond's Lavender; fifth, Wornall & Sons, on Glad Smile; sixth, Clarke, on Molly 3d; seventh, same, on Lady Dorothea; eighth, Bellows Bros., on Model Rose; ninth, Harding, on Ramsden Flower; tenth, Leonard & Son, on Viscount's Rosamond; eleventh, Hill, on Collynie Mistletoe; twelfth, same, on Martha Dalmeny.

Aged Heifer—First, Harding; second, Clarke; third, Wornall & Sons; fourth, Thomas, Jameson & Mitchell; fifth, Hanna.

Young Heifer—First, Clarke; second, Purdy Bros.; third, Harding; fourth, Wornall & Sons; fifth, Tomson & Sons.

Calf Heifer—First, Bellows Bros.; second, Clarke; third, Purdy Bros.; fourth, Tomson & Sons; fifth, Harding.

Get of Sire—First, Clarke, on get of March Knight 188105; second, Harding, on get of Whitehall Marshall; third, Bellows Bros., on get of Hampton's Best; fourth, Tomson & Sons, on get of Archer; fifth, Hanna, on get of Bapton Diamond.

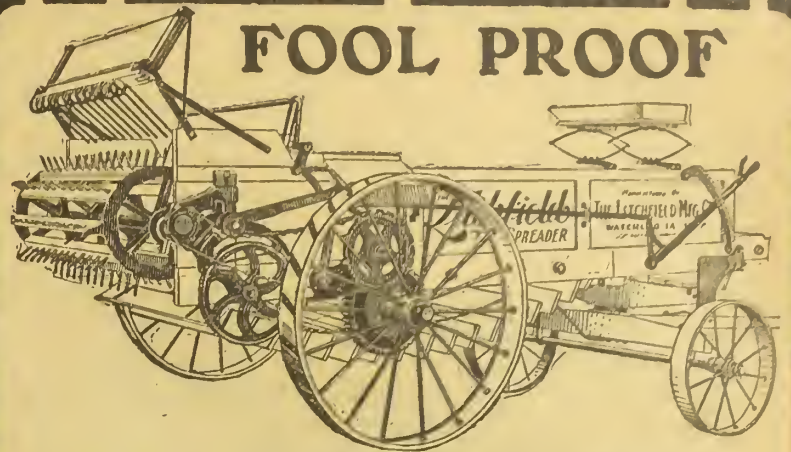
Produce of Dam—First, Clarke, on produce of Dorothea; second, Harding, on produce of Imp. Clara 58th; third, same, on produce of Imp. Shenstone Princess; fourth, Purdy Bros., on produce of Blossom 12th; fifth, Hanna, on produce of Missie C.

Champion Senior Bull—Whitehall Marshall. Champion Junior Bull—Signet. Champion Cow—Welcome of Meadow Lawn 9th.

Champion Heifer—Missie of Browndale 12th. Sweepstakes Bull—Whitehall Marshall. Sweepstakes Cow—Welcome of Meadow Lawn.

HEREFORDS.

Quality, more than quantity, has been the main feature of this breed during the show season of 1906, and it was not generally expected that the Royal would be any exception. From unexpected sources, however, there came a number of herds that broke into the arena for the first time this year. Missouri was most liberal in her representation and supplied the majority of the herds, which, nevertheless, were compelled to yield to the supremacy of Wisconsin and Indiana herds. Between these the rivalry for the best ribbons was most intense. In all classes there were superbly-finished animals, while on the other hand there were some in only breeding condition which tended to lessen the uniformity throughout the classes that is so characteristic of this breed. Nothing developed that would bring about any great speculation over the results of the final in December among those at the top of the lists, though further down there may be some changes made. Those who have been



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Continued next week.

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following the state fair reports will find much similarity in the awards in comparison with Kansas City results. The work of tying the ribbons fell to the lot of S. W. Anderson, Blaker Mills, W. Va.; W. B. Waddell, Lexington, Mo., and W. N. Rogers, McCook, Neb., whose conscientious work won favor with all exhibitors, whose names are found in the following list: C. A. Baker, Leeton, Mo. (1 head); Cargill & McMillan, LaCrosse, Wis. (18 head); Cornish & Patten, Osborn, Mo. (7 head); Mrs. K. W. Cross, Emporia, Kan. (3 head); T. W. Carmichael, Odessa, Mo. (1 head); Samuel Drybread, Elk City, Kan. (3 head); W. A. Dallmeyer, Jefferson City, Mo. (2 head); J. J. Early, Baring, Mo. (4 head); J. A. Funkhouser Est., Plattsburg, Mo. (14 head); James A. Gibson, Odessa, Mo. (4 head); G. H. Hoxie, Thornton, Ill. (7 head); Dr. J. E. Logan, Kansas City, Mo. (10 head); J. S. Lancaster & Sons, Liberty, Mo. (1 head); Mousel Bros., Cambridge, Neb. (1 head); Norman Ochsen, Madison, Neb. (1 head); Steward & Hutchison, Bolckow, Mo. (2 head); Scott & March, Belton, Mo. (3 head); C. A. Stannard, Emporia, Kan. (1 head); Stanton Breeding Farm Company, Madison, Neb. (1 head); W. S. Van Natta & Son, Fowler, Ind. (14 head); Hugh Whitford, Guilford, Mo. (1 head); R. C. Wilson, Belton, Mo. (1 head); Yates Bros., Agency, Mo. (2 head); C. L. Brown, Laredo, Mo.; C. V. Hull, Platte City,

Mo.; Kansas Agricultural College, Manhattan, Kan.

AWARDS.

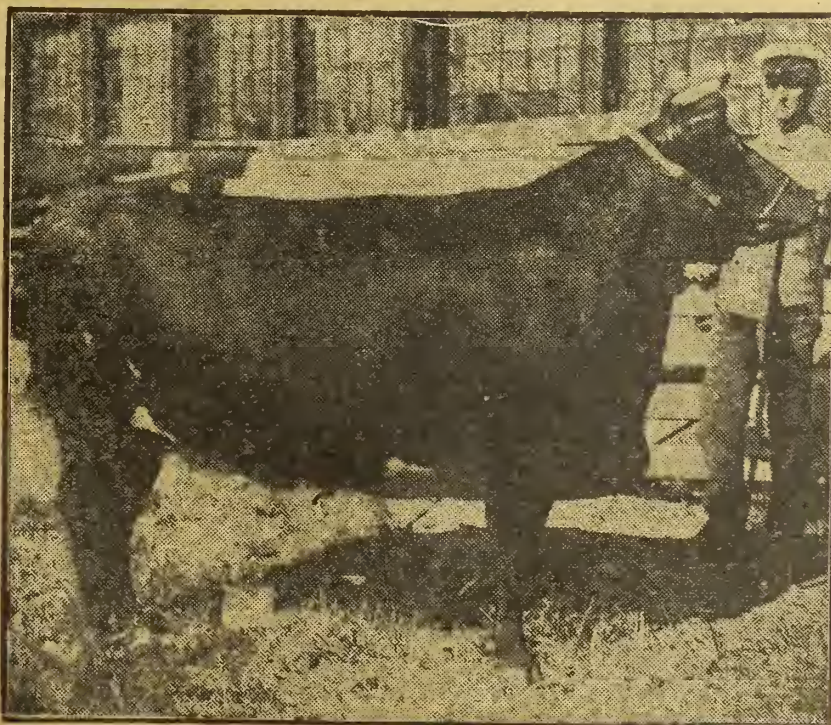
Aged Bull—First, Stannard, on Beau Mystic 179920; second, Gibson, on John Charming 136276; third, Logan, on Saint Grove 3d 141833; fourth, Drybread, on Judge Spencer 97224; fifth, Whitford, on Kenswick 111886; sixth, Yates Bros., on Columbus 49th 125888; seventh, Early, on Sunny South 121189. Out of seven showing, it was generally conceded that Beau Mystic was an outstanding first. He is a stylish fellow with plenty of bone and weight and is a good beef carrier. The other entries were some lacking in his flesh and finish and kept the judges at work for some time.

Bull Two Years Old—First, Cargill & McMillan, on Privateer 2d 182143; second, Van Natta & Son, on Prime Lad 3d 197984; third, Funkhouser Estate, on Onward 31st 187476; fourth, Mousel Bros., on Princes Dictator 185082; fifth, Ochsen & Co., on Dictator 196974; sixth, Cornish & Patten, on Admiral Dewey 184255; seventh, Gibson, on Jake 185104. While for finish there were some in this class that approached that of Privateer, none combined his weight and proportion with that quality which put him at once at the top, followed by a hull lighter by a hundred weight, but of good finish, but lacking the massive and masculine bearing of his superior. Onward 31st is sired by March On 6th 96537 and is a large, blocky fellow, but not of the smooth, filled-out form of those above him. Fourth choice is another good one, but has not made the growth he should, being the same age of the first, but 200 pounds lighter.

Senior Yearling Bull—First, Cargill & McMillan, on Bonnie Brae 3d 203317; second, Van Natta & Son, on Prime Lad 9th 213963; third, Hoxie, on General Manager 2d 205606; fourth, Logan, on Young Beau Brummell 207148; fifth, Cornish & Patten, on Weston Anxiety 242862; sixth, Wilson, on Red Bird 201555; seventh, Cornish & Patten, on General Gomez 49th 242856; eighth, Dallmeyer, on Masterpiece 202642. Bonnie Brae had undisputed claim for his conceded position, representing a high type of the breeders' and feeders' art. Next him came another approaching his finish, but not his weight, being younger also. Last week, in Illinois, he was beaten by General Manager 2d, placed next below him here. The former one has many favorites for the compact, smoothly-covered frame he presents. Somewhat at a disadvantage for age and weight was the fourth, but his depth and well-proportioned frame give promise of plenty of size as he develops.

Junior Yearling Bull—First, Funkhouser Estate, on Onward 46th 209620; second, Steward & Hutchison, on Parsifal 206326; third, Van Natta & Son, on Prairie Lad 16th 213969; fourth, Mousel Bros., on Lloyd's Bully Boy 211167; fifth, Scott & March, on Duke 230674; sixth, Logan, on Sir Sigma 207191; seventh, Scott & March, on Alberta 230657; eighth, Drybread, on Good Luck 214585.

Senior Bull Calf—First, Hoxie, on Peerless Perfection 10th 235454; second, Cargill & McMillan, on Fulfiller 3d 230508; third, Van Natta & Son, on Prime Lad 25th 234346; fourth, Logan, on Sunset King 228551; fifth, Van Natta & Son, on Prime Lad 25th 234343; sixth, Gibson, on Bright Dandy 236885; seventh, Cornish & Patten, on Anxiety Stamp 3d 245125; eighth, Funkhouser Estate, on Progressor 2d 228626. Peerless Perfection has perhaps a more desirable, massive front and better supported shoulder from the crops than his competitors, which counts for much in his placing. His lines are almost faultless



Sweepstakes Short-horn cow, Welcome of Meadow Lawn 9th, owned by C. E. Clarke, St. Cloud, Minn.

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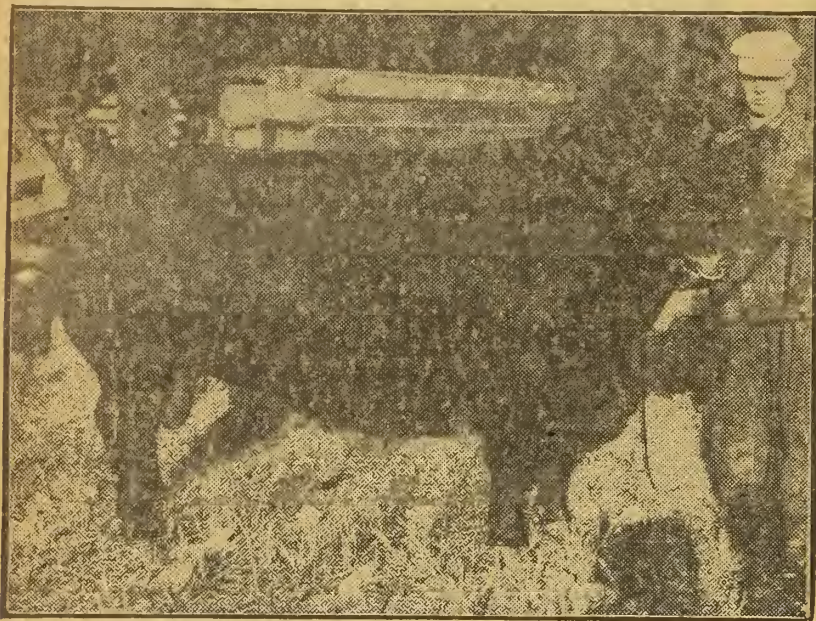
Plenty of high-grade finish, sturdy character and well-rounded forms with the exception of one or two of the harsher handling kind, was characteristic of the individuals of this class, in fact, throughout all the classes.

Junior Bull Calf—First, Funkhouser Estate, on Onward 5th 239178; second, Steward & Hutcheon, on Mapleton Hero 246965; third, Van Natta & Son, on Prime Lad 30th 234348; fourth, Cargill & McMillan, on Fulfiller 7th 230512; fifth, Gibson, on Mariner 24674; sixth, Mousel Bros., on Aito Hesiod 236293; seventh, Cornish & Patten, on Admiral Weston 245124; eighth, same, on Admiral Dewey 2d 245123.

Aged Cow—First, Cargill & McMillan, on Heliotrope 159451; second, same, on Twilight 167464; third, Mousel Bros., on Mary Hei-

Produce of Dam—First, Cargill & McMillan on produce of Belle Donald 20th; second, Mousel Bros., on produce of Eugenia; third, Funkhouser Estate, on produce of Keepsake; fourth, Van Natta & Son, on produce of Lenora; fifth, Cargill & McMillan, on produce of Mystic Pride.

Get of Sire—First, Van Natta & Son, on get of Pride Lad 9th; second, Cargill & McMillan, on get of Fulfiller; third, Funkhouser Estate, on get of March On 6th; fourth, Hoxie, on get of Perfection; fifth, Mousel Bros., on get of Princes 4th. Champion Senior Bull—Privateer. Champion Junior Bull—Bonnie Brae. Champion Cow—Heliotrope. Champion Heifer—Ethel 2d.



Champion Angus bull, Vala's Rosegay, owned by F. L. Sullivan, Afton, Iowa.

mig 180194; fourth, Early, on Hesiod Maiden 139553; fifth, Van Natta & Son, on Rosalind 169015; sixth, Funkhouser Estate, on Martha's Gem 135156; seventh, Scott & March, on Cambria 4th 179396. Heliotrope is a model cow. With the right build to start with she has finished into a show-yard ideal of Hereford femininity. All the members in this group were of high merit and were no easy task to place, but the final rating brought out a very even gradation of the type and condition from the first down to less excellence in these points seen in the last.

Two-Year-Old Cow or Heifer—First, Cargill & McMillan, on Miss Donald 17th 184673; second, same, on Miss Donald 21st 184577; third, Funkhouser Estate, on Regina 178870; fourth, same, on Bendina 178848; fifth, Mousel Bros., on Princess Lassie 185083; sixth, Van Natta & Son, on Princess 197988; seventh, Cargill & McMillan, on Golden Lassie 182126. Comparisons are difficult in a class of such uniform excellence as this and it was a sight for compact, full rounded out females, all of strong feminine character.

Senior Yearling Heifer—First, Cargill & McMillan, on Ethel 2d 203170; second, Funkhouser Estate, on Geneva 201269; third, same, on Mozette 201278; fourth, Cargill & McMillan, on Mignonette 209514; fifth, same, on Crocus 2d 203169; sixth, Logan, on Mercedes 195448; seventh, Hoxie, on Georgiana 208319; eighth, Cross, on Twinkle 203534.

Junior Yearling Heifer—First, Van Natta & Son, on Prairie Queen 213961; second, Cargill & McMillan, on Priscilla 3d 207198; third, Funkhouser Estate, on Byrdella 209616; fourth, Logan, on Lady Trixy 207183; fifth, Hoxie, on Scarlet Rose 208326; sixth, Mousel Bros., on Princess Flossie 207877; seventh, Hoxie, on Miss Perfection 217079; eighth, Mousel Bros., on Claud's Princess 211164.

Senior Heifer Calf—First, Cargill & McMillan, on Miss Filler 2d 230514; second, Van Natta & Son, on Margaret 234336; third, Hoxie, on Belle Perfection 234447; fourth, Cargill & McMillan, on Miss Filler 4th 230516; fifth, Hoxie, on Miss Catherine 235452; sixth, Mousel Bros., on Miss Princess 4th 234587; seventh, Funkhouser Estate, on Gariand 228613; eighth, same, on Athena 228607.

Junior Heifer Calf—First, Cargill & McMillan, on Miss Filler 6th 239659; second, Mousel Bros., on Princess Lady 234597; third, Funkhouser Estate, on Mildred 239176; fourth, Van Natta & Son, on Lassie 234333; fifth, Cargill & McMillan, on Miss Filler 5th 230517; sixth, Logan, on seventh, same, on Mauzanita 231976.

Aged Heifer—First, Cargill & McMillan; second, Van Natta & Son; third, Funkhouser Estate; fourth, Mousel Bros.

Young Heifer—First, Cargill & McMillan; second, Funkhouser Estate; third, Van Natta & Son; fourth, Hoxie.

Calf Heifer—First, Cargill & McMillan; second, Van Natta & Son; third, Funkhouser Estate; fourth, Logan.

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Sweepstakes Bull—Bonnie Brae. Sweepstakes Cow—Heliotrope. The Cargill & McMillan herd won the silver cup donated by the late K. B. Armour, and as this is the second time the cup has been won by this herd it is now the permanent property of the firm. To "Jimmie" Price Mr. Cargill graciously conceded all the honor of this great victory.

GALLOWAYS.

Once again the "shaggy coats" have scored. They came out to the greatest of western stock shows with an increase of nearly 100 per cent in numbers and with a record for quality far surpassing all other 1906 fairs. Every indication presages a bright and glorious career for this aggressive breed in future American show rings, where they are already putting forth strong claims for supremacy for their early-maturing and remarkable fleshing qualities. Every state in the corn belt was represented at the Royal and from Minnesota and Michigan came herds prepared for the fray. But for the loss of Minnesota's champion, incident to crude methods of transportation as yet, the aged bull contest would have been more in keeping with "The Royal" records. The excellence of type and condition of the young stock was the constant subject of favorable comment and while some have still a long road between them and the "top," yet all who exhibited Galloways at the Royal are creeping upward all the time. With the exception of one class which was placed by



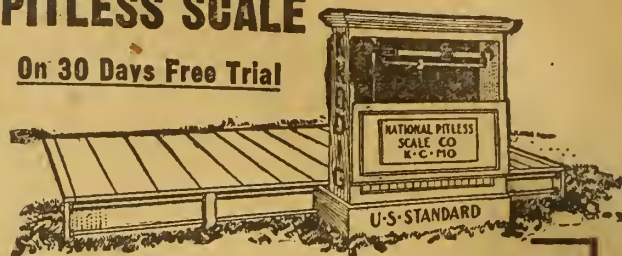
Champion Shire stallion, Lymm Jumbo, owned by Robert Burgess & Son, Wenona, Ill.

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T. J. Wornail, the Short-horn breeder, and from which Mr. O. H. Swigart had asked to be relieved, the latter gentleman made all awards and by careful and deliberate decisions, pleased showmen with the results. The list of breeders include G. W. Lindsey, Red Cloud, Neb. (10 head); A. F. Craymer, Morris, Ill. (11 head); C. E. Clarke, St. Cloud, Minn. (11 head); J. E. Bales & Son, Stockport, Iowa (12 head); W. M. Brown & Son, Carrolton, Mo. (13 head); E. P. Wild, Cowgill, Mo. (6 head); S. M. Croft & Sons, Bluff City, Kan. (12 head); Michigan Premium Stock Company, Davidsburg, Mich. (10 head); C. Atterbury, O. E. Matson, Burrton, Kan. (3 head); A. M. Thompson, Nashua, Mo. (6 head); F. E. Moore & Sons, Gardner, Kan. (3 head); W. C. Woods, Smithville, Mo. (4 head); W. B. & J. B. Thompson, Smithville, Mo. (1 head).

AWARDS.

Aged Bull—First, Lindsey, on Pat Ryan of Red Cloud 20038; second, Brown & Son, on Chief 2d of Stepford 23513; third, Craymer,

on Scottish Samson 23542; fourth, Croft & Sons, on Randolph 2d of Thorniehill 19302; fifth, Bales & Son, on Wild's McDougall 24673; sixth, Moore & Sons, on Highland Chief 19940. The noted bull of Lindsey's breeding now has a clean record for champion of the season and was supported by some very strong bulls and some not so strong. The second bull is full of character and Galloway type and his width from end to end is even and unbroken. He finishes off behind smoothly and shows a great pair of well-filled rounds. Third choice lacks 100 pounds of second and has hardly the compact build.

Bull Two Years Old—First, Brown & Son, on Pride's Druid 24882; second, Thompson, on Missouri Chief 26056; third, Watson, on Nugget of Tarbreoch; fourth, Michigan Premium Stock Company, on Repeater 24290.

Yearling Bull—First, Clarke, on Prince of Meadow Lawn 26843; second, Brown & Son, on Forbes 26897; third, Lindsey, on Ned of Red Cloud 26253; fourth, Atterbury, on Oosoola; fifth, Thompson, on Thompson's Quality 26055; sixth, Matson, on Folk 27254.

Bull Under One Year—First, Clarke, on Meadow Lawn Medalist 28750; second, Clarke, on Victor of Meadow Lawn 28746; third, Brown & Son, on Fetech 28938; fourth, Croft & Sons, on Randolph C. 2d 28952; fifth, Bales & Son, on Dorothea's Prince 28313; sixth, Craymer, on Grandee of Rivers 28774. A strong class throughout and for blocky, compact, well-covered frames this lot was notable.

Aged Cow—First, Lindsey, on Favorite 16th of Loebenkit 21205; second, Bales & Son, on Graceful 3d of Garlestown 19297; third, Brown & Son, on Acushia 18386; fourth, Michigan Premium Stock Company, on Princess 3d of Troquhain 23510; fifth, Wild, on Lady Grace 3d 21274; sixth, Croft & Sons, on Miss Midget 23802. The first cow is strong in her type and while her middle is not exactly correct, her ends are nicely finished and deep, notably behind, which makes her 1,500 pounds of weight well distributed. The second cow is somewhat of a lighter, more compact, well-rounded type, perhaps a bit too short, but is withal a sweet-looking female showing good breeding. Third choice was the largest cow in the class and showed hardly as much refinement, but had every indication of being a most valuable mother.

Two-Year-Old Cow—First, Brown & Son, on Myrtle of Evandale 24942; second, Lindsey, on Lady Charlotte 24814; third, Clarke, on Saucy of Meadow Lawn 24818; fourth, Croft & Sons, on Randolph's Pride 25013; fifth, Bales & Son, on Annie David's 5th 26977; sixth, Michigan Premium Stock Company, on Ella of Mope 25101.

Senior Yearling Heifer—First, Clarke, on Cora of Meadow Lawn 26833; second, Brown & Son, on Elegantine 26860; third, Bales & Son, on Princess McDougall 27120; fourth, Croft & Sons, on Blackie of Greenbush 27073; fifth, Craymer, on Standard Pet 27190; sixth, Lindsey, on Mollie C. of Red Cloud 26239.

Junior Yearling Heifer—First, Clarke, on Sadie of Meadow Lawn 26834; second, Clarke, on Beauty of Meadow Lawn 26830; third, Bales & Son, on Hawkeye Lady 27121; fourth, Croft & Sons, on Midget of Greenbush 27071; fifth, Brown & Son, on Dainty 3d 26871; sixth, Craymer, on Mischief of Rivers 27191.

Senior Heifer Calf—First, Clarke, on Lady Belle 4th; second, Wild, on Grace 3d of Wildwood; third, Brown & Son, on Fidilla; fourth, Croft & Son, on Viola of Greenbush;

fifth, Croft & Son, on Trixie 2d; sixth, Bales & Son, on Lady Ruth.

Junior Heifer Calf—First, Clarke, on Lady Douglas 3d 28745; second, Bales & Son, on Lady Graceful 28783; third, Clarke, on Floss 2d 28741; fourth, Lindsey, on Lady Elgin 28843; fifth, Brown & Son, on Dainty 4th 28929; sixth, Bales & Son, on Princess Graceful 28781.

Senior Champion Male—Pat Ryan of Red Cloud.

Junior Champion Male—Meadow Lawn Medallist.

Champion Cow—Myrtle of Avondale.

Champion Heifer—Lady Douglas 3d.

Aged Heifer—First, Lindsey; second, Brown & Son; third, Bales & Son; fourth, Croft & Sons; fifth, Craymer.

Young Heifer—First, Clarke; second, Brown & Son; third, Bales & Son; fourth, Croft & Sons; fifth, Lindsey.

Get of Sire—First and second, Clarke, on get of Worthy 3d; third, Croft & Son, on get of Randolph 2d of Thornhill; fourth, Bales, on get of McDougal 4th of Tarrhroch; fifth, Brown, on get of Chief 2d of Steppford.

Produce of Cow—First, Clarke, on Santum of Wavertree and Carmen of Wavertree; third, Croft, on Viola of Wavertree; fourth, Lindsey, on Cherry Lee of Red Cloud; fifth, Bales, on Annie David 2d.

Grand Champion Bull—Pat Ryan of Red Cloud.

Grand Champion Cow—Lady Douglas 3d.

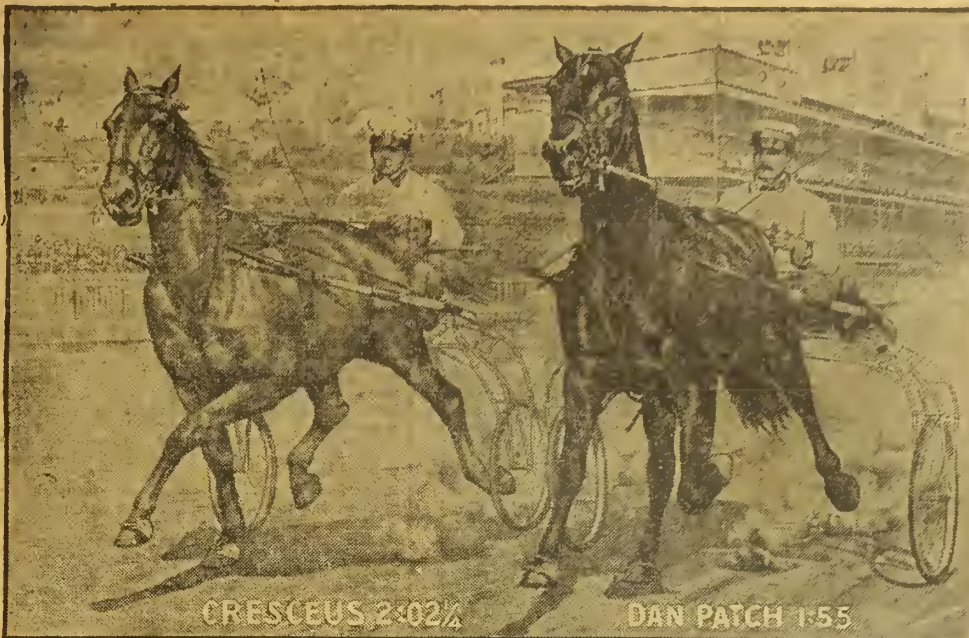
ABERDEEN-ANGUS.

The exhibit of doddies was pronounced one of the great features of the show by those who attended the American Royal. From the time the first class of majestic bulls entered the ring the first day of the week until the closing day of the exhibition, much enthusiasm centered about the splendidly-matched doddie classes. While the superlative excellence of the Iowa herds made the display practically one of Hawkeye distinction, those herds that hailed from other parts included some of the aristocracy of doddie excellence as well, though their moderate fitting placed them at a disadvantage. There was much speculation over the championship awards, notably in the bull classes. For the third time this season Jim Delaney and Vala's Rosegay have waged their rights for victory and there was some suspense before the award was announced in favor of the latter. Both bulls have strong claims for the place and it was generally considered to be as near a draw as is seen in show rings. The male part of the exhibit was somewhat more in evidence for numbers than the female display, though in other respects the display was uniform and carried away a full share of praise from those at the show. Professor Curtiss, of Ames, Iowa, tied the ribbons in a painstaking and creditable manner. Exhibitors' names appear in the following lines: Omer Catterson, Maryville, Mo. (10 head); Berry Lucas, Hamilton, Mo. (3 head); W. A. McHenry, Denison, Iowa (12 head); J. B. Withers, Missouri City, Mo. (11 head); Parrish & Miller, Hudson, Kan. (11 head); F. L. Sullivan, Afton, Iowa (5 head); H. W. Elliott, Estill, Mo. (2 head); A. C. Binnie, Alta, Iowa (11 head); C. D. Hooker & Son, Maryville, Mo. (6 head); W. J. Miller, Newton, Iowa (14 head); Geo. Kitchen, Jr., Gower, Mo. (8 head); P. J. Donohue, Holbrook, Iowa (10 head); Davis Bros., Maryville, Mo. (3 head); Paul M. Culver, Edgerton, Mo. (5 head); McAdam Bros., Holton, Kan. (1 head); T. J. McCreary, Highland, Kan. (2 head); C. J. Off, Peoria, Ill. (4 head); McLachlan Bros. & Johnson, Estill, Mo. (2 head); W. B. Gex, Graham, Mo. (1 head); G. H. Hoxie, Thornton, Ill. (10 head).

AWARDS.

Aged Bull—First, Sullivan, on Vala's Rosegay 63745; second, Binnie, on Jim Delaney 62767; third, McHenry, on Baden Lad 61883; fourth, Withers, on Errol's Rosegay 49769; fifth, Elliott, on Luckiness 62968; sixth, Catterson, on Clansman Chief 2d 73155; seventh, Lucas, on Black Monarch of Illington 2d 62483. This was an interesting class, made almost dramatic by previous contests. Having beaten his opponent, the Rosegay bull, at Sedalia the week previous it looked as if Jim Delaney would have a clean record for the final at Chicago. The Judge, Prof. C. F. Curtiss, changed all this, however. His rival is an extremely low, compact fellow, very uniform in width from end to end, though hardly possessing the width over the loin nor style and impressive front of the Binnie bull. Third choice looked a much heavier bull than the second, but figures did not bear this out. While a masterful bull, his lines and style were not up to the same high standard of the bulls placed ahead of him. Another Rosegay bull in fourth of similar build as the first one in the class, but tipping the beam at 2,125. Much less refinement and style, likewise finish, were his lacking points. And still a heavier one following told of the good scale of the black-coated Aberdonians.

Bull Two Years Old—First, Donohue, on



CRESCEUS 2:02 1/4

DAN PATCH 1:55

Dan Patch 1:55, The Pacing King, Cresceus 2:02 1/4, The Trotting King,

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Morning Star 2d 75716; second, Kitchen, on Louis of Meadow Brook 72459; third, Elliott, on Primm 72620; fourth, Hooker & Son, on Blackbird Benton 69611; fifth, Miller, on McDonald's Lad 66952; sixth, Parker, Parrish & Miller, on Key 72172. A very admirable type of a well-balanced form, with good develop-

ment of hind quarter, though a bit of prominence at the shoulder accented the possible slackness of heart girth in the first-prize bull. Second barely held his place, being off a little in the lines and somewhat faulty at the shoulder, though otherwise a good bull.

Senior Yearling—First, Culver, on Questor Lad 83369; second, Kitchen, on Melher 2d 84196; third, Withers, on Bluegrass Ridge Ajax 76732; fourth, Berry Lucas, on Maple Leaf 1 Am 81345; fifth, Davis Bros., on Heather Eraste 85412.



Group of Shetlands owned by C. E. Bunn, Peoria, Ill.

Junior Yearling—First, Donohue, on Glenfoi Thickset 2d 88142; second, Culver, on Royal Hyperion 84120; third, same, on Don of View Point 87199; fourth, McHenry, on Star of Denison 82426; fifth, Binnie, on Elmar Lad 84122; sixth, Withers, on Blue Grass Ridge Dowle 82673; seventh, Miller, on King Donald 80599; eighth, Davis Bros., on Blackbird Mayor 83933. The first bull was a general favorite for his type and male character, though in finish he was equaled by some of his rivals. The second and third bulls were a plainer cast with slight defects in conformation. Some would have given the fourth a higher rating for his width and well-made form, but he possibly stood a little too much up in air for the breed. Elmar Lad was the equal in finish and quality and but for his unevenness in width between his ends might have stood higher.

Senior Bull Calf—First, Off, on Quaint Fellow 94277; second, McHenry, on Prince Pico 93306; third, Sullivan, on Beau Ito 94175; fourth, Catterson, on Maplehurst King 12th 94862; fifth, McLachlan Bros. & Johnson, on Lord Roberts 3d 95565; sixth, Parker, Parrish & Miller, on Envoy 3d; seventh, Kitchen, on Intensified 93993; eighth, Donohue, on Black Dale 87453. Of the twelve shown it was found to be rather difficult to find the best ones. Quaint Fellow has made a rapid improvement since the first of the season and was able to down Prince Pico in a close contest. While his handling is not as mellow as the latter bull, he shows considerable flesh well laid, though many favored the latter bull in this point and considered him good for first. A first-rate type of bull well conditioned found third easily, though his size was against him.

Junior Bull Calf—First, Withers, on Dalgarno 94796; second, McLachlan Bros. & Johnson, on Sweetheart's Pride 2d 95518; third, Binnie, on Even Lad 95008; fourth,

Miller, on Erica Prince M. 94355; fifth, Hooker & Son, on South Oaks Prime Lad; sixth, Gex, on Booker T. 2d; seventh, Kitchen, on Helmet A. 88992.

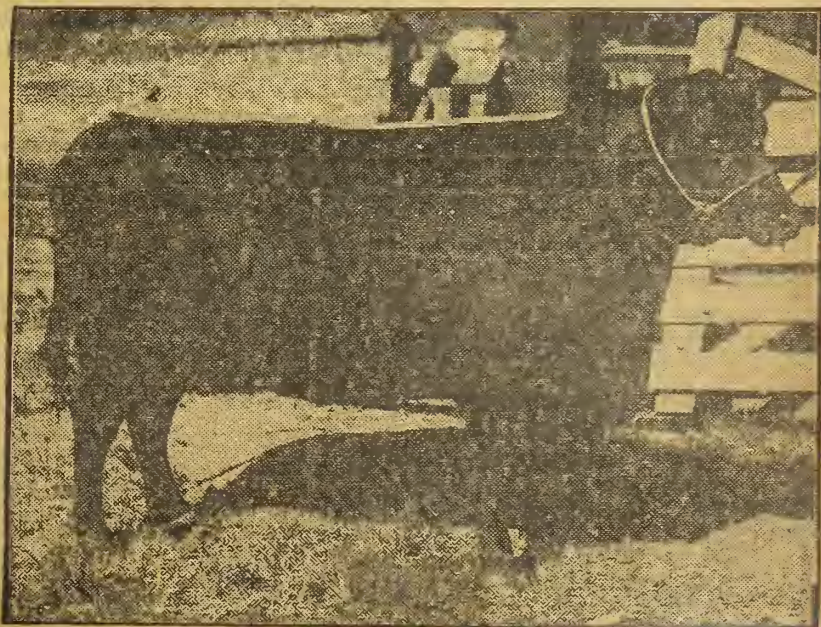
Aged Cow—First, Binnie, on Gussie of Kirkbridge 64008; second, Miller, on Snowflake 2d of Kirkbridge 64016; third, Mc-

of satisfaction. The cow at the head is hardly the best one in conformation throughout, but she is a typical pattern of doddie excellence measured by show yard standards. There was some changing around before she was certain of her place above the second, once her superior in the show ring, a cow considered by some to be better at the rear but plainer in front than the Binnie doddie. Both females are of practically the same weight, but do not look it. A lighter cow by 100 pounds, with a plump but less evenly-finished form, found third, her final place, while in fourth was the most massive one in the bunch.

Cow Two Years Old—First, Donohue, on Eileen Lass 83102; second, Kitchen, on Driftwood Rose 72992; third, Binnie, on Mina of Alta 5th 73111; fourth, McHenry, on Barbara McHenry 18th 17677; fifth, Donohue, on Pride of Clover Leaf 73969; sixth, Withers, on Grapewood Odessa 72590; seventh, Parker, Parrish & Miller, on Sunflower Happy 4th 70008. Another close class, though less so than the former. Type and quality are the long points in favor of first, while a smoother flesh covering gave the second a place over third.

Senior Yearling Heifer—First, McHenry, on Pride McHenry 45th 82421; second, Binnie, on Blackbird Lassie of Alta 83368; third, Binnie, on Coquette Lass of Alta 83367; fourth, Donohue, on Black Martha 82877; fifth, Miller, on Queen of Cherokee 10th 83078; sixth, McHenry, on Abess McHenry 6th 82418; seventh, Kitchen, on Beulah Brown 79012; eighth, Sullivan, on Fay Ito 80350.

Junior Yearling—First, Donohue, on Brookside Pride 4th 93254; second, Sullivan,



Grand Champion Angus, owned by P. J. Donohue, Holbrook, Iowa.

eighth, Parker, Parrish & Miller, on Sunflower Happy 3d 64371. Again the rating has undergone a revision and it was easy to find the best bull, but to arrange them was a task which only as skilled a judge as Professor Curtiss could do with a general degree

on Eolian 90699; third, Off, on Ethel Day 83152; fourth, Catterson, on Queen of Maplehurst 4th 92528; fifth, Withers, on Bluegrass Ridge Dorcas 83095; sixth, Catterson, on Maplehurst Queen 27th 92526; seventh, Parker, Parrish & Miller, on Sunflower Happy

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Ito \$3320; eighth, Miller, on Metz Modesty \$5687.

Senior Heifer Calf—First, Binnie, on Enna Lassie 2d \$5002; second, McHenry, on Pride McHenry 53d \$3305; third, Donohue, on Brookside Rose 2d \$3255; fourth, same, on Brookside Pride 5th \$3253; fifth, Binnie, on Coquette Lass of Alta 2d \$5003; sixth, Catterson, on Maplehurst Coquette 4th; seventh,

on Kansas Laddie; fourth, Miller, on Wild Tom.

Yearling—Miller, on Black Prince; second, same, on Black Victor; third, Hooker & Sons, on South Oaks Eber.

Under One Year—First, Miller, on Victor; second, Hooker & Son, on Josie; third, Miller, on Novice.

Best Steer—Black Prince.



Junior Champion Short-horn bull, Signet, owned by Abram Renick, Winchester, Ky.

McHenry, on Ahness McHenry 7th \$3307; eighth, Hooker & Son, on Erica Pride 2d \$3787.

Junior Heifer Calf—First, Binnie, on Queen Lass of Alta 3d \$5007; second, McHenry, on Blackbird McHenry 66th \$3314; third, Catterson, on Queen of Maplehurst 6th \$4866; fourth, Binnie, on Proud Lassie of Alta \$5009; fifth, Miller, on Metz Heather Bloom \$4356; sixth, same, on Snowflake's Queen \$4354; seventh, Catterson, on Maplehurst Queen 30th \$4865; eighth, Hooker & Son, on Queen of South Oaks 2d \$3795.

Aged Heifer—First, Binnie; second, Donohue; third, McHenry; fourth, Withers.

Young Heifer—First, Donohue; second, Binnie; third, McHenry; fourth, Catterson.

Calf Heifer—First, Binnie; second, Catterson; third, McHenry; fourth, Hooker & Son. Get of Sire—First, Binnie, on get of Heather Lad of Emerson 2d; second, Donohue; third, Catterson, on get of Clansman Chief 2d; fourth, Miller, on get of Wabash of Treaty.

Produce of Dam—First, Parker, Parrish & Miller, on produce of Sunflower Happy 3d; second, Hooker & Son, on produce of Blackbird of Denison 43d; third, McHenry, on produce of Abness McHenry 2d; fourth, McHenry, on produce of Privet of Careston.

Champion Senior Bull—Vala's Rosegay. Champion Junior Bull—Glenfoll Thickset. Champion Senior Female—Eileen Lass. Champion Junior Female—Brookside Pride 4th.

Sweepstakes bull—Vala's Rosegay. Sweepstakes Cow—Eileen Lass.

FAT STOCK.

About 100 head of fat cattle were shown at the Royal and leaving out the Galloways were about equally divided between the other three beef breeds. Well-finished forms was the rule in most cases, but the small classes eliminated much rivalry. Although the entries were open to martins or spayed females, only a few were shown. But four grades appeared in the Galloway division and G. W. Lindsey took first in the eighteen months class and in the class under that age F. P. Wild got the blue with Bluster, afterward made the champion, and second went to W. M. Brown & Son. Unlike some other contests where buyers of fat cattle made awards, the judges in the breeding cattle classes placed the ribbons, and as competition was not the keenest, all exhibitors were satisfied. As yet this part of the show has not been as prominent as it might be made.

ABERDEEN ANGUS PURE-BRED STEERS

Two Years and Under Three—First, Miller on Dutch Lad; second, Orr, on Exilio; third, same, on Gold Dust.

Yearling—First, Orr, on Proud Fellow; second, Hooker & Son, on South Oaks Chance; third, Miller, on Metz Prince; fourth, same, on High Ball.

Under One Year—First, Kansas Agricultural College, on Ideal; second, Orr, on Edison; third, Davis Bros., on Valley Home 3d; fourth, Orr, on Dudley.

Best Steer—Dutch Lad.

GRADES.

Steer Two Years and Under Three—First, Miller, on Louie; second, Hoxie, on Exchange; third, Kansas Agricultural College,

Sweepstakes Steer—Black Prince.

PURE-BRED SHORT-HORNS.

Steer Two Years and Under Three—First, Kansas Agricultural College, on Tim; second, Forsythe, on Bapton's Choice; third, Peak & Son, on Sunray.

One Year and Under Two—First, S. C. Hanna, on Captain Primrose; second, Thomas, Jameson & Mitchell, on Coleridge; third, Missouri Agricultural College, on First Attempt.

Under One Year—First, Kansas Agricultural College, on Colonel Harrimon; second, Newell, on Ravenswood Challenger; third, Peak & Son, on Johnny Quinn.

Best Steer Any Age—Tim.

Best Three Steers—Kansas Agricultural College.

GRADES.

Steer Two Years and Under Three—First, Peak & Son, on Buster Brown; second, same, on Spotted Boy.

One Year and Under Two—First, Kansas Agricultural College, on Pride of the Maples; second, Peak & Son, on Duke.

Under One Year—First, Caldwell, on Booster; second, Stodder, on Thomas; third, Peak & Son, on Tommy the Lad.

Best Steer Any Age—Pride of the Maples.

Best Three Steers—Peak & Son.

Best Steer Any Age, Grade or Pure Bred—Tim.

HEREFORD FAT STOCK, PURE BRED.

Steer Two Years and Under Three—First, Cargill & McMillan, on Roundup 18669; second, Funkhouser Estate, on Bert; third, C. L. Browning, on Peble 2d 191203.

Steer One Year and Under Two—First, Cargill & McMillan, on Fair Lad 1st 203171; second, Funkhouser Estate, on Erskine; third, same, on Jay B.; fourth, Kansas Agricultural College, on Merryman 209605.

Under One Year—First, Cargill & McMillan, on Fulfiller 6th; second, Mousel Bros., on Principal 234601; third, Logan, on Royal Grove 219967.

Best Steer Any Age—Roundup.

GRADE HEREFORDS.

Steer Two Years and Under Three—First, C. V. Hull, on Mitchell; second, Yates Bros., on Sunny Jim.

Steer One Year and Under Two—First, Hoxie, on Peach; second, Logan, on Mary Jane; third, Stannard, on Billy.

Under One Year—First, Gibson, on Billie Charming; second, Cargill & McMillan, on Bonnie; third, Gibson, on Don.

Best Steer Any Age—Peach.

Best Grade or Pure Bred—Roundup.

CARLOAD LOTS.

There was a falling off in the number of carload lots entered at the American Royal this year, both in the feeder and fat classes. A good deal of quality was represented in the fat loads of Hereford and Angus steers. Mr. C. Kramback, of Marne, Iowa, who has twice won the grand championship on his carload lots at the International, exhibited the only load of fat doddies last week, and an exceedingly uniform bunch they were. These steers were all sired by the same bull, S. O. Editor, bred by Mr. C. D. Hooker, of Maryville, Mo.

Mr. W. D. Reynolds, of Pattonsburg, Mo., won first on two-year-old feeding steers, also first and second on car lots under one year and the sweepstakes for best carload of Angus steers.

In the fat car lots of Herefords first went to C. W. Hull, of Platte City, Mo.; second to H. H. Drake, Frankfort, Kan., and third to C. A. Baker, of Leeton, Mo. The Stanton Breeding Farm Company, of Madison, Neb., won first on two-year-old feeders, first on yearling feeders and the championship prize for the best car load of Herefords under three years. Messrs. A. Phillips & Son, of Hays, Kan., won first on Hereford calves and second on two-year-olds, while S. S. Seiber, of Grand Junction, Colo., won third on two-year-olds and second on yearlings. Mr. R. T. Alexander, of Canadian, Texas, won third on Hereford calves.

The Galloway classes were filled by Kansas men throughout. Mr. C. H. Jackson, of Moore, Kan., showed the only car load of two-year-olds. In the yearling class of Galloways first went to J. A. Keagy, of Ellis, Kan., and second to J. M. Hill, of Riverton, Kan.; third going to C. H. Jackson. Mr. J.

M. Hill also won first on calves; J. Tinkler, of Gypsum, Kan., second, and B. Funk third. Mr. J. A. Keagy won the sweepstakes premium on car lots any age.

There was but one car load of Short-horns, shown by C. C. Slaughter, of Roswell, N. Mex.

HORSES.

PERCHERONS.

Although the horse exhibit at the Royal was notably strong throughout, the Percherons certainly had the strong end of it. McLaughlin Bros., from their own headquarters in Kansas City, brought out twenty; J. Crouch & Son, of Lafayette, Ind., twelve head; J. W. & J. C. Robison, of Towanda, Kan., sixteen head; Robt. Burgess & Son, of Wenona, Ill., nine head, and C. Spohn, of Wellington, Kan. The Percheron exhibit throughout was remarkable for quality. In the younger classes some of the individuals were not highly fitted, and consequently looked a little plain, though it must be acknowledged that there was scarcely a mean Percheron on the ground. The mare classes were filled by the Robison firm, of Towanda, Kan., and they were filled with good ones. A fair like the Royal needs more competition in the mare classes, as an indication that American breeders are making some progress in the work of producing Percherons on their own farms. The exhibit of American-bred mares and stallions in the Robison stud indicates that good ones can be produced here as well as abroad.

AWARDS.

Stallion Four Years Old—First, McLaughlin Bros., on Etrageant (40553); second, Crouch & Son, on Zola 41477; third, McLaughlin Bros., on Faisan (41292); fourth, Crouch & Son, on Marius 41226. Etrageant should, by the attention he has been given at the fairs this fall, be too well known to need more praise, and while he is not perfect, he combines the essential good points of a Percheron in a most remarkable degree. While at Springfield, Eaupin was considered by the judges to be the best of Crouch's quintet. Zola was the favorite here, which speaks well for the uniformity of that firm's stables. Faisan made good in his place and is somewhat shorter, deeper flanked, but a bit slower under way than second. He, too, has good, clean bone, well placed on durable hoofs like the rest of the class in the money. The fourth horse has many strong points, of a large, strong-boned muscular type, but does not carry the flesh to suit critics.

Stallion Three Years Old—First, McLaughlin Bros., on Valseur (41329); second, McLaughlin Bros., on Minot (41287); third, Crouch & Son, on Champagne 57635; fourth, Crouch & Son, on Tyron 60411. Valseur is a powerful-made fellow with a high grade of timber below and under way shows a clean, long stride. Second choice is a compact, muscular fellow and possibly is a little slow in action. Third horse was more on the stretchy order, but carried himself well together, which with his finish, made him many admirers.

Stallion Two Years Old—First, McLaughlin Bros., on Comique 41299; second, McLaughlin Bros., on Dragon 41341; third, Crouch & Son, on Englantier 41465; fourth, Burgess & Son, on Artiste 45720. Two well-matched horses headed this list, as will be attested by those who were kept waiting for the decision. Comique was favored by some for champion of the show, possessing an unusually high and almost trappy action with a well-put-together top. Some might doubt the staying quality of the type he represents. In second was a horse of this kind and had slightly flatter bone and more of it. Action was not at all lacking in the next choice, which presented a conformation a trifle lacking in width, but otherwise a very correct drafter.

Champion Stallion—Etrageant.

Champion group of five, any age or sex,

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Mare Two Years Old—First, Robison, on Ruberta 41395; second, same, on Blanche.

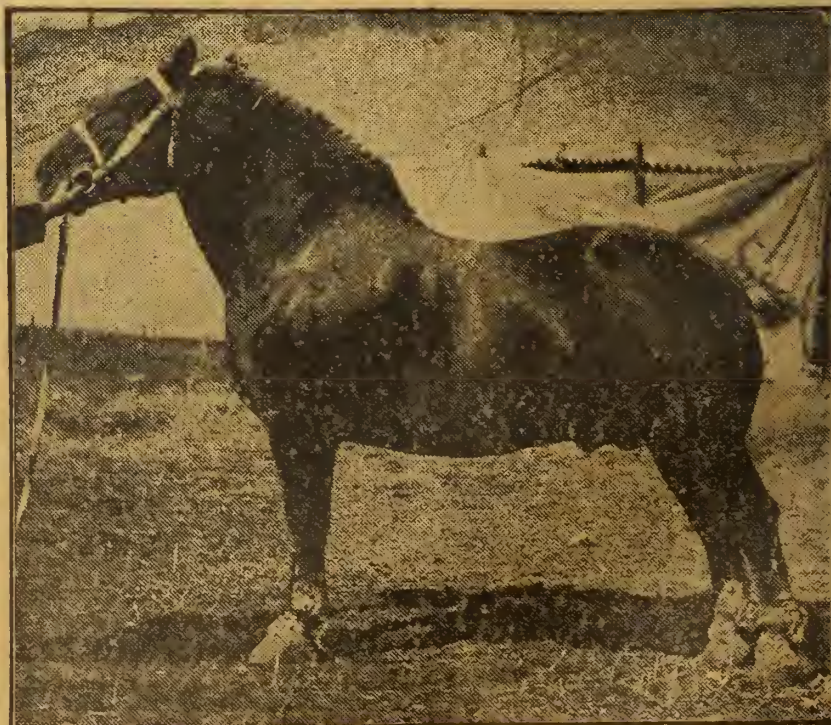
Four Animals, Get of Sire—First, McLaughlin Bros., on get of Avise; second, same, on get of Danseur.

Two Animals, Produce of Dam—First, McLaughlin Bros., on produce of Receda; second, same, on produce of Condrette.

Champion Mare—Ruberta.

Best Breeder's Herd, Stallion and Four

Mares—Robison, on a herd headed by Cas-



Champion Belgian stallion, Mon Sanhait, owned by J. Crouch & Son, Lafayette, Ind.

was awarded without competition to the five excellent stallions of McLaughlin Bros.

Aged Mare—First, Robison, on Deborah 20852; second, same, on Limestone B. 23018; third, same, on Gale 22172; fourth, same, on Cora B. 22367.

Mare Three Years Old—First, Robison, on Martha 33896; second, same, on Casinette 33895; third, same, on Albertina 33894.

lero 27830, the noted winner of past shows.

SHIRES.

Competition in the Shire classes was between three well-known studs, namely, Robert Burgess & Son, of Wenona, Ill., who exhibited five head; Trumans' Pioneer Stud Farm, of Bushnell, Ill., fifteen head, and

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THE LAWRENCE-WILLIAMS CO., Cleveland, O.

A. G. Soderberg, of Osco, Ill., two head. Compared with the record in the Shire classes of former years the exhibit this year was a striking improvement from the standpoint of quality. The exhibit of Klug Edward and Lord Rothschild contributed not a little to the interest of the Shire display. Among the king's lot were a few notably good ones, though among American studs on exhibition at the Royal could be found individuals of equal, if not superior merit. The awards in the Shire classes were made by Mr. Edmund Beck, superintendent of the king's exhibit; Edward Hobson, of Tipton, Ill., and Peter Hopley, of Lewis, Iowa.

AWARDS.

Aged Stallion—First, Pioneer Stud Farm, on Holker Colin; second, Burgess & Son, on Bank Nil Desperandum; third, Pioneer Stud Farm, on Lead's Lion; fourth, Burgess & Son, on Blaze of Worsley 3d. This placing reversed the order in which these horses stood at the Springfield fair one week before. For style and action the second premium horse had his superior outdone, but for all round qualities that are looked for in a draft horse Holker Colin is not an easy one to down. One might fault him a little for going wide in front, but for quality of limb, fullness of muscling, strength of back and for drafty qualities in general, the first-prize horse commands a multitude of followers.

Stallion Three Years Old—First, Burgess & Son, on Hemington Prime Minister; second, Trumans' Pioneer Stud Farm, on Heckington Bay Thumper; third, same, on Menominee; fourth, same, on Mydeland's Champion.

Stallion Two Years Old—First, Burgess & Son, on Lymm Jumbo II.; second, Trumans' Pioneer Stud Farm, on Ponder's Bridge; third, same, on Teneham Stroxtan; fourth, same, on Teneham Buscot. Lymm Jumbo II. was afterwards made the champion Shire stallion. He has abundance of weight, with much quality. One might fault him for being a little upstanding, though the judges rated him high as a colt of weight and balance.

Champion Stallion—Lymm Jumbo.
Champion Mare—Deeping Juliet.
Yearling Stallion—First, Burgess & Son, on King's Drayman; second, Soderberg, on Noble King.

Best American-Bred Mare—Soderberg, on Osco Rose.

Best American-Bred Stallion—Soderberg, on Noble King.

Best Imported Mare—Trumans' Pioneer Stud Farm, on Deeping Juliet.

BELGIANS.

There were eight aged Belgian stallions, seven three-year-olds and five two-year-olds, shown at the Royal last week. There was scarcely a cull horse in the bunch. For weight, close ribbing and all round muscularity the Belgians stand at the top, at least this is true if we judge by the exhibit made in Kansas City last week. The exhibitors were H. A. Briggs, Elkhorst, Wis. (5 head); J. Crouch & Son, Lafayette, Ind. (12 head); Robt. Burgess & Son, Wenona, Ill. (7 head), and McLaughlin Bros., Kansas City, Mo. (2 head).

AWARDS.

Aged Stallion—First, Crouch & Son, on Mon Sanhait 1582; second, Briggs, on Mouton de Lelling 27518; third, Crouch & Son, on Cuspidor de Leez 2189; fifth, Burgess & Son, on Garibaldi de Bel Air; fourth, Crouch & Son, on Camot 1421. The first-prize horse, Mon Sauhait, is a hard horse to beat. He is of the Belgian type from the ground up; has plenty of weight; is fairly active for a big horse, and has much quality in his underpinning. You might call him a body-perfect horse. Mon Sauhait was afterward made the grand champion Belgian stallion any age.

Stallion Three Years Old—First, Crouch & Son, on Charon; second, Burgess & Son, on Birmingham 2248; third, Briggs, on Senaphin d'Alvaux; fourth, Burgess & Son, on Bruno Autchard 2075; fifth, Briggs, on Champagne de Bertheim.

Stallion Two Years Old—First, Burgess & Son, on Remi 2323; second, Crouch & Son, on Vampire d'Alvaux; third, Burgess & Son, on Fifi 2319; fourth, Crouch & Son, on Nelson 2274; fifth, Briggs, on Bambacheur de Noichat.

Champion Group Five Stallion—First, Crouch & Son; second, Burgess & Son.

The judges were Peter Hopley, of Lewis, Iowa; Robt. Ogilvie, of Chicago, and Prof. C. F. Curtiss, of Ames.

CLYDESDALES.

There were but two exhibitors of Clydesdale horses at the Royal, namely, Alexander

Galbraith & Son, Janesville, Wis., and A. G. Soderberg, Osco, Ill. It is in no way discreditable to the other draft breeds to say that the very acme of quality is found among the Clydesdales. One could go further and claim first place for the Scottish drafters in point of action. Invariably they go straight, springy and strong. In the aged stallion class the premiums were won by Soderberg horses, as were also the first (on Ethelbert), second and fourth premiums in the three-year-old, the Galbraith firm winning third on Baron Downe. In the two-year-old stallion class Galbraith & Son won on Baron Clifton, while Soderberg won second and third on Black Douglas and Black Acme. For sweepstakes Clydesdale stallion, Ethelbert, the three-year-old, and Baron Clifton, Galbraith's two-year-old, had a close contest. The judges, Mr. Roht. Ogilvie, of Chicago, and Prof. W. J. Kennedy, of the Iowa Agricultural College, split in their opinion on the champion stallion, the latter choosing Soderberg's three-year-old and the former the Galbraith colt. Prof. C. F. Curtiss was called on as referee and decided in favor of Ethelbert. He is a horse of extra quality, good action and considerable weight. One might fault his hocks a trifle, though he is not bad there. Galbraiths exhibited the only Clydesdale mare and consequently won.

LIGHT HORSES.

The showing in this department was made up of Coach and Hackney horses, and though few in numbers, their well-trained manners and flashy action made them a very interesting feature for the lovers of high-acting horses. Trumans' Pioneer Stud Farm had eight Hackneys and Alexander Galbraith two, the grand champion going to the former stable. J. Crouch & Son were the sole exhibitors in German Coach and had fourteen great horses. The French Coach were in the hands of McLaughlin Bros., whose stable was generally crowded with visitors. Prizes were liberal and in all of the above cases awarded as cataloged.

MULES.

The showing in this division was a trim-up for Missouri, and with every appearance of the famous "Missouri canary" came a round of applause that found its greatest vent in the six-mule hitch driven by Blackburn & Jones. This firm also won championship on the best mule, Denny, a handsome three-year-old bay. W. A. Elgin, of Platte City, Mo., managed the mule show and with two score of animals on the ground the display was one of the interesting features of the American Royal.

Of the following prizes for mules, one-half was donated by Kansas City mule dealers as follows: Sparks Bros., \$50; Guyton & Harrington, \$50; Cottingham Bros., \$50; Robertson Bros., \$25.

Mule Four Years and Over—First and second, Blackburn & Jones; third, Chas. B. Newby, Plattsburg, Mo.

Mule Three Years and Under Four—First, Blackburn & Jones; second, Robert Gaynes, Camden Point, Wis.; third, J. G. Arbuthurst, Haworth, Kan.

Mule Two Years and Under Three—First, Newby; second and third, W. B. Emerson, Wellington, Mo.

Mule Colt—First, Lewis Jersey, Smithville, Mo.; second and third, Blackburn & Jones.



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of animals on exhibition did not come up to the records made by the state fairs in the corn belt, yet a number of the good ones that had been the rounds were in the competition at the Royal. Prominent breeders who were there with their herds expressed much confidence concerning the future prospect of the swine department at the Kansas City show. Possibly the only objection that could be raised by owners of high-priced hogs would be that the quarters are a little drafty for October weather. It looks to the visitor as though a little attention might be given to this matter, thereby making the swine quarters more comfortable, not only for the swine, but for the sight seers.

DUROC JERSEYS.

The Duroc Jersey show at the American Royal was remarkable for its uniform character. The very best breeders, not only from Missouri and Kansas, but from other

bertha, Kan.; W. E. Brown & Sons, Cambridge, Kan.; Michael Bros., Houstonia, Mo.; W. G. Unitt, Seward, Neb.; Missouri University, Columbia, Mo.; C. Folgate, Stanberry, Mo.; R. W. Murphy, Dearborn, Mo.; G. V. Bush, Marshall, Mo.; W. L. Addy, Parnell, Mo.; Powell & Rudy, Smithton, Mo.; C. E. Pratt, Frankfort, Kan.; J. W. Reid, Portis, Kan.; J. F. Staadt, Ottawa, Kan.; O. N. Wilson, Silver Lake, Kan.; Watts & Dunlap, Martin City, Mo.; Dr. W. J. Ferguson, Sedalia, Mo.; F. L. Bowman, Hamilton, Mo.; J. W. Carnagey and G. V. Bush.

AWARDS.

Boar Two Years and Over—First, Ferguson; second, McFarland Bros.; third, Missouri Agricultural College; fourth, Harned; fifth, Michael Bros.

Boar Eighteen Months and Under Twenty-Four—First, Carnagey.

Boar Twelve Months and Under Eighteen—First, McFarland Bros.; second, Bush; third, Sneed; fourth, McFarland Bros.; fifth, Harned.

Boar Six Months and Under Twelve—First, McFarland Bros.; second, Wilcox; third, Sneed; fourth, Powell & Rudy; fifth, Bush.

Boar Under Six Months—First, Wilcox; second, Wilcox; third, Bowman; fourth, Bush; fifth, Watts & Dunlap.

Sow Two Years—First, McFarland Bros.; second, Harned; third, Harned; fourth, Bowman; fifth, Reid.

Sow Eighteen Months and Under Twenty-Four—First, McFarland Bros.; second, Bowman.

Sow Twelve Months and Under Eighteen—First, Harned; second, McFarland Bros.; third, same; fourth, Staadt; fifth, McFarland Bros.

Sow Six Months and Under Twelve—First, Ferguson; second, same; third, Bowman; fourth, McFarland Bros.; fifth, Kerr.

Sow Under Six Months—First, Wilcox; second, Wilcox; third, McFarland Bros.; fourth, Kerr; fifth, Harned.

Champion Boar One Year—Ferguson; reserve champion, McFarland Bros.

Champion Boar Under Twelve Months—McFarland Bros.; reserve champion, Wilcox.

Champion Sow One Year—McFarland Bros.; reserve champion, Harned.

Champion Sow Under Twelve Months—Ferguson; reserve champion, Wilcox.

Grand Champion Boar Any Age—Ferguson; reserve champion, McFarland Bros.

Grand Champion Sow Any Age—McFarland Bros.; reserve champion, Ferguson.

Four Animals Either Sex or Age, Get of One Sire—First, Harned; second, McFarland Bros.

Four Animals Either Sex or Age, Produce of One Dam—First, Ferguson; second, Wilcox.

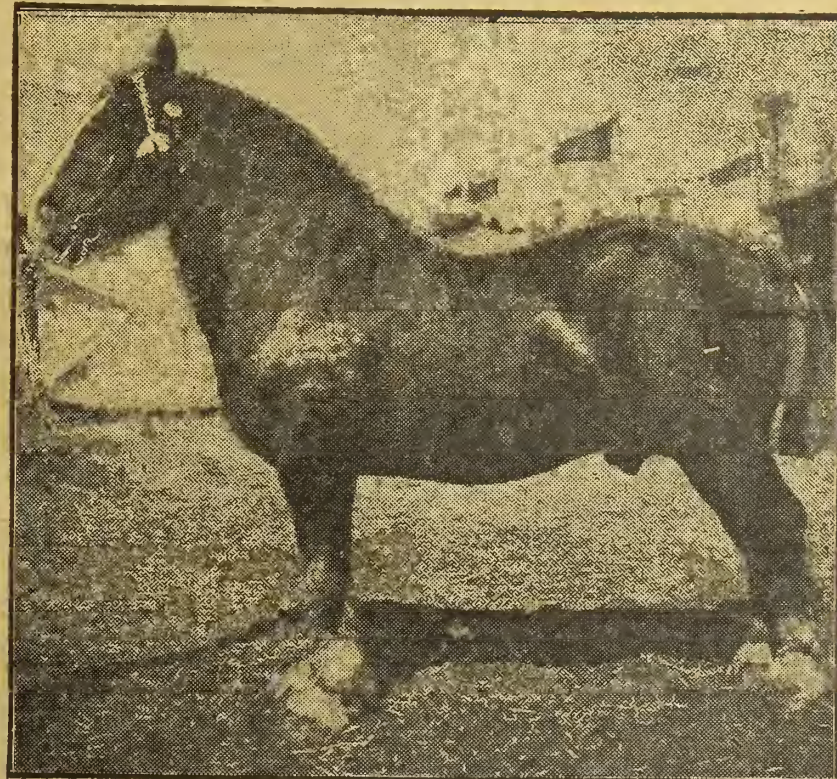
Boar and Three Sows Over One Year—First, McFarland Bros.; second, Harned.

Boar and Three Sows Under Twelve Months—First, Wilcox; second, McFarland.

Boar and Three Sows Any Age, Bred by Exhibitor—First, McFarland Bros.; second, Harned.

BERKSHIRES.

A few of the best herds in the United States were entered in the Berkshire classes, and this being true it is not necessary to state that competition was keen. The notable Hood Farm, of Lowell, Mass., by no means carried away all the first ribbons, a fact that reflects most creditably on the competition this firm encountered at the American Royal. The judging was done by Mr. T. A. Harris, of Lamine, Mo., who passed on all the classes except the aged boars. He refused to judge this class, as he had bred one of the animals entered—the very individual that in the hands of another judge captured the blue ribbon. The owner, Mr. Sam Spellman, of Sturgeon, Mo., was the recipient of many compliments over his victory in defeating the great Hood Farm herd boar. The following exhibitors had their herds entered: Etzler & Moses, Decatur, Ind.; I. Everson & Sons, Wellington, Ohio; Hood Farm, Lowell, Mass.; A. D. Gilmore, Asylum, Neb.; E. D. King, Burlington, Kan.; T. F. Guthrie, Saffordville, Kan.; W. R. Holt, Fall Neb.; W. H. Peak, Sibley, Mo.; Jam



First prize aged Shire stallion, Holker Colin, owned by Trumans' Pioneer Stud Farm Bushnell, Ill.

Mule One Year and Under Two—First, W. H. & J. W. Adams, Blue Springs, Mo.; second, James Blair, Plattsburg, Mo.; third, Blackburn & Jones.

Pair Aged Mules—First and second, Blackburn & Jones; third, Newby.

Three-Year-Olds—First, Robert Gaynes; second, Arbuthurst; third, Blackburn & Jones.

Two-Year-Olds—First, Emerson; second, Newby; third, Blackburn & Jones.

Sweepstakes Pair—Blackburn & Jones.

SWINE.

The swine exhibit at the American Royal this year was sufficiently extensive to indicate that men have changed their belief concerning the danger of contracting disease at a stock yards center. Although the number

states of the corn belt, were out with their herds. The competition was keen in practically every class, and the judge, Mr. Geo. W. Prine, the noted Berkshire breeder, of Oskaloosa, Iowa, found some rather tough propositions. Mr. Prine did creditable work, though of course there could be found those among the exhibitors who claimed that he looked too much for Berkshire characteristics. Complaint, however, was not general. Herds were entered by the following exhibitors: McFarland Bros., Sedalia, Mo.; Harry Sneed, Smithton, Mo.; F. L. Bowman, Hamilton, Mo.; Clarence Beavers, Home City, Kan.; L. C. Woollen, Stanberry, Mo.; W. W. Wilcox, Nevada, Mo.; M. W. Greer & Son, Rushville, Ill.; Chas. M. Morris, Harrisonville, Mo.; B. W. Harned, Beaman, Mo.; H. H. Hague, Newton, Kan.; Fagin, Browning, Hess & McCabe, Ripley, Ill.; Geo. Kerr, Sa-

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ollo, Independence, Mo.; I. L. Weirick, Cowden, Ill.; J. T. Bayer, Yates Center, Kan.; C. G. Nash, Eskridge, Kan.; D. V. Flint, Cahool, Mo.; David G. Page, Topeka, Kan.; W. R. Holt, Falls City, Neb.; J. H. Blodgett, Pleasant Hill, Mo.; James & McGinnis, Enon, Mo.; Sam Spellman, Sturgeon, Mo.; G. G. Council, Vandalia, Ill.

AWARDS.

Aged Boar—First, Spellman; second, Hood Farm; third, Everson & Sons.

Boar—Eighteen Months and Under Twenty-Four—First and second, Hood Farm.

Boar Twelve Months and Under Eighteen—First, Guthrie; second, Weirick; third, Qurollo.

Boar Six Months and Under Twelve—First, Guthrie; second, Council; third, Hood Farm.

Boar Under Six Months—First, Flint; second, Everson & Sons; third, Hood Farm.

Aged Sow—First, Nash; second, Hood Farm; third, Everson & Sons.

Sow Eighteen Months and Under Twenty-Four—First and second, Hood Farm; third, Holt.

Sow Twelve Months and Under Eighteen—First, Everson & Sons; second and third, Weirick.

Sow Six Months and Under Twelve—First and second, Hood Farm; third, Everson & Sons.

Sow Under Six Months—First, Jones & McGinnis; second, Flint; third, Everson & Sons.

Champion Boar One Year and Over—Guthrie; reserve champion, Hood Farm.

Champion Boar Under One Year—Flint; reserve champion, Guthrie.

Champion Sow One Year and Over—Everson & Sons; reserve champion, Hood Farm.

Champion Sow Under One Year—Hood Farm; reserve champion, Jones & McGinnis.

Grand Champion Boar—Guthrie; reserve grand champion, Flint.

Grand Champion Sow—Hood Farm; reserve grand champion, Everson & Sons.

Get of Sire—First, Everson & Sons; second, Hood Farm.

Produce of Dam—First and second, Hood Farm.

Boar and Three Sows Over One Year—First, Hood Farm; second, Everson & Sons.

Boar and Three Sows Under One Year—First, Hood Farm; second, Everson & Sons.

Breeder's Herd—First, Everson & Sons; second, Hood Farm.

POLAND CHINAS.

The breeders who entered Polands at the American Royal are W. T. Hammond, Portis, Kan.; Jno. M. Belcher, Raymore, Mo.; Wm. Wingate, Trenton, Mo.; W. T. Williams, Harrisonville, Mo.; J. S. Lancaster & Sons, Liberty, Mo.; Harry E. Lunt, Burden, Kan.; J. H. Saville & Son, Mt. Airy, Iowa; Thos. B. Link, Mt. Airy, Iowa; Creswell & Carpenter, Braymer, Mo.; F. A. Tripp & Sons, Meriden, Kan.; Ira A. Merritt, Kellerton, Iowa; B. P. Smith, Miltonvale, Kan.; B. F. Ishmael, Laredo, Mo.; Jos. Schmidt & Son, Wymore, Neb.; Wm. Pedrick & Son, Ottumwa, Iowa; G. M. Hoadley, Sedalia, Mo.; W. S. Ison, Butler, Mo.; T. A. Hoover, Atherton, Mo.; Martin Lentz, Atherton, Mo., and A. & P. Schmitz, Alma, Kan. Judge, D. F. Risk, Weston, Mo.

AWARDS.

Boar Two Years Old—First, Hammond; second, Schmitz; third, Pedrick & Son.

Boar Eighteen Months and Under Twenty-Four—Wingate.

Boar Twelve Months and Under Eighteen—First, Lunt; second, Belcher; third, Ison.

Boar Six Months and Under Twelve—First, Lentz; second, Hoadley.

Boar Under Six Months—First, Wingate; second, Tripp & Sons; third, Hoadley.

Sow Two Years Old—First, Schmidt & Son; second, same; third, Merritt.

Sow Eighteen Months and Under Twenty-Four—First, Lunt; second, Creswell & Carpenter.

Sow Twelve Months and Under Eighteen—First, Wingate; second, Lunt; third, Schmidt & Son.

Sow Six Months and Under Twelve—First, Ishmael; second, Hoadley; third, Tripp & Sons.

Sow Under Six Months—First, Ishmael; second, Wingate; third, Hoover.

Champion Boar One Year Old—Lunt; reserve champion, Hammond.

Champion Boar Under Twelve Months—Lentz; reserve champion, Wingate.



The Southwest has had another bumper crop.

It's the usual thing to harvest big crops in the Southwest—the big crops this year are nothing unusual. You may have had a bumper crop yourself—for crops are generally good this year—but think what a bumper crop means in the Southwest. It means that

the Southwestern farmer made from five to ten times as much as you made

for he was able to buy from five to ten times as many acres as you bought for the same money.

If you have had a big crop yourself this year, it is the best time to move to the Southwest, for you may have more to invest and you can probably sell your present farm for a good price.

Don't wait until you've had a poor crop, for the poorer the crop the harder you'll find it to get away. Besides if you wait another year you will have to pay more for your land in the Southwest—as Southwestern farm lands are rapidly increasing in value and making their owners rich.

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Four Animals Either Sex, Any Age, Produce of One Sow Owned by Exhibitor—First, Hoadley; second, Ishmael; third, Hammond. Boar and Three Sows Over One Year Old—First, Lunt; second, Hammond. Boar and Three Sows Under One Year—First, Hoadley; second, Hammond; third, Lunt. Boar and Three Sows, Any Age, Bred by Exhibitor—First, Hoadley; second, Hammond; third, Lunt.

CHESTER WHITES.

The number of Chesters shown was not so large as in the others breeds, the exhibitors being J. J. Hall, Graham, Mo.; W. B. Porter, Cameron, Mo.; O. L. Kerr, Independ-

Boar Twelve Months and Under Eighteen—First, Frost; second, Porter; third, Kerr.

Boar Six Months and Under Twelve—First, second and third, Kerr.

Boar Under Six Months—First, Kerr; second, Porter; third, Seckman.

Sow Two Years and Over—First, Seckman; second, Frost.

Sow Eighteen Months and Under Twenty-Four—First and second, Kerr.

Sow Twelve Months and Under Eighteen—Kerr.

Sow Six Months and Under Twelve—First and third, Kerr; second, Porter.

Sow Under Six Months—First and second, Kerr; third, Frost.

Grand Champion Sow—Kerr; reserve grand champion, same.

Get of Sire—First and second, Kerr; third, Porter.

Produce of Dam—First and second, Kerr; third, Porter.

Boar and Three Sows Over One Year—Kerr.

Boar and Three Sows Under One Year—First and second, Kerr; third, Porter.

Boar and Three Sows Any Age, Bred by Exhibitor—First, Kerr; second, Seckman; third, Porter.

THE AMERICAN ROYAL SALES.

SHORT-HORNS.

The Short-horns selected by Assistant Secretary B. O. Cowan for the American Royal sale were a uniformly good lot throughout. They were a useful bunch of breeding cattle, every one guaranteed by the breeder. The sale was largely attended and bidding was fairly spirited. The following sales were made:

FEMALES.

Collins Maid, John McCoy, Sabetha, Kan.	\$135
Orange Butterfly, J. F. Stodder	125
Nonpareil 4th, R. E. Moffitt, Vintonburg, Mo.	165
Rosewood 5th, W. A. Betteridge, Pilot Grove, Mo.	200
Orange Minna 3d, J. W. Hudiberg, Herndon, Kan.	100
Myra and bull calf, J. W. Ferguson, Harrisonville, Mo.	115
Glosters Rose, Jno. Okane, Winkler, Neb.	300
Little Gem, F. O. Lowden, Oregon, Ill.	110
Sweet Orange, F. O. Lowden	130
Lady Chatter 4th, E. E. Booker, Beloit, Kan.	180
Second Norwood Jennie Lind and heifer calf, same	180
Orange Blossom 34th, J. P. Newell, Carthage, Mo.	300
Thorny Bud, D. R. Hanna, Ravenna, Ohio	325
Lady Gloster, N. F. Shaw, Plainville, Kan.	100
Bull calf from Lady Gloster, E. G. Erskine, Edgerton, Kan.	110
Baroness Viscount, Fry Bros., Falls City, Neb.	150
Mary Challenger 20th, Bellows Bros., Maryville, Mo.	150
Pappy 99th and heifer calf, N. F. Shaw	130
Sweet Rose, Bellows Bros.	110
Orange Beauty, W. A. Betteridge	170
Minnie 3th, J. F. Stodder	130
Substitute, Nellie of Ellerslie, W. T. Williams, Harrisonville, Mo.	150
Meadow Ridge Victoria and heifer calf, A. W. Ferguson	225
Glenfoyle Duchess Gloster, Dr. Givens, Fayette, Mo.	180



First prize Percheron mare group, owned by J. W. and J. C. Robison, Towanda, Kan.

Champion Sow One Year Old—Schmidt & Son; reserve champion, Wingate.

Champion Sow Under One Year—Ishmael; reserve champion, Ishmael.

Grand Champion Boar Any Age—Lunt; reserve grand champion, Lentz.

Grand Champion Sow Any Age—Schmidt & Son; reserve grand champion, Ishmael.

Four Animals, Either Sex, Any Age, Get of Exhibitor—First, Schmidt & Son; second, Hoadley; third, Ishmael.

dence, Mo.; P. K. Corder, Raymore, Mo.; L. L. Frost, Mirabile, Mo., and G. W. Seckman, Mirabile, Mo. The judge, Mr. B. J. Hargan, of Glencoe, Okla., found a few difficult propositions nevertheless. His work on the whole met with the approval of exhibitors and visitors alike.

AWARDS.

Boar Eighteen and Under Twenty-Four Months—First, Porter.

Champion Boar One Year or Over—Porter; reserve champion, Frost.

Champion Boar Under Twelve Months—Kerr; reserve champion, same.

Champion Sow One Year or Over—Kerr; reserve champion, same.

Champion Sow Under Twelve Months—Kerr; reserve champion, same.

Grand Champion Boar—Kerr; reserve grand champion, Porter.



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Substitute, Miss Josie B. 2d and bull calf, Meal Bros., Cawker City, Kan... 185
Orange Queen, J. Frank Prather, Williamsville, Ill... 275
Lavender Rose 6th, Lott Bros., Pawnee City, Neb... 160
Wild Eyes Winsome 11th, T. J. Wornall, Liberty, Mo... 200
American Girl and calf, F. W. Harding, Waukesha, Wis... 140
Lavina, Bellows Bros... 350
Golden Hue, same... 200
Lucy Jane 12th, Henry Stunkel, Peck, Kan... 160
Princess 2d, Will Reece, Pilger, Neb... 210
Sycamore Matchless, S. C. Hanna, Howard, Kan... 170
Heifer calf from Sycamore Matchless, same... 100
Pro. Bampton Bates 2d, F. M. Gilford, Wakefield, Kan... 110
Orange Blossom 33d, same... 165
Penelope 5th, E. E. Booker... 105

BULLS.

Mayflower Chief, Henry Stunkel, Peck, Kan... 450
Lavender's Choice, Geo. B. Ross, Alden, Kan... 270
Royal Sharon, J. L. Hearne, Kansas City, Mo... 200
Aconite's Count, McClean & Elliott, Warrensburg, Mo... 235
Nonpareil Stamp, W. R. Mansfield, Wisconsin, Neb... 325
Scottish Mist, J. F. Green & Co., Gregory, Tex... 250
Orange Major, Morse & Sons, Mound City, Kan... 300
Silver Knight, N. F. Shaw... 200
Royal Dick, J. F. Green & Co... 130
Lord Filbert, J. W. Leeper, Auburn, Neb... 150
Substitute, Select Goods, F. P. Good, Beloit, Kan... 225
Victor Brawith 2d, C. C. Trostal, Nickerson, Kan... 330
Orange Boy, A. Sloan, Wellsville, Kan... 200
Inaugurate, R. M. Buck, Eskridge, Kan... 105
Robin Adair, Mark Bunker, Greenfield, Mo... 100
19 bulls... \$3.775; average... \$198.69
63 females... 6.655; average... 173.20
63 head... 10.430; average... 179.50

HEREFORDS.

The Hereford sale held during the week of the American Royal terminated most satisfactorily, realizing on the forty-seven animals sold an average of \$192.66. The highest price paid was for Onward 31st, a Funkhouser-bred bull, purchased by Mr. O. Harris, of Harris, Mo., for \$575. Mr. M. B. Packard, of Phoenix, Ariz., paid \$405 for Redbird, bred by Mr. R. C. Wilson, of Belton, Mo. The top price cow was consigned by Messrs. Cargill & McMillan and sold to Mr. E. R. Morgan, of Blue Rapids, Kan., for \$340. The following is a list of the sales:

BULLS.

Duke 230674, Wyoming Hereford Association, Cheyenne, Wyo... \$215
Beau President Jr. 244711, J. D. Salyer, Jonah, Texas... 275

Lincoln 32d 244741, John Gosling, Kansas City, Mo... 235
Reuben 244923, Wyoming Hereford Association... 225
Beaunilla 210723, M. B. Packard, Phoenix, Ariz... 190
Levi 224025, Wyoming Hereford Association... 140
Truworth 217196, same... 250
Fulfiller 7th 230512, E. E. Miller, Alfred, Texas... 240
Simpson 199217, Jones Bros., Comiskey, Kan... 300
Proud Beau 233050, F. F. Scidmore, Tescott, Kan... 125
Masterpiece 202642, Wyoming Hereford Association... 175
Alberta 230657, same... 270
Dictator 244606, same... 245
Sir Sigma 207191, same... 200
Leslie 221969, same... 125
Onward 31st 187476, O. Harris, Harris, Mo... 675
Auditor 244902, John Gosling... 310
Redbird 201555, M. B. Packard, Phoenix, Ariz... 405
Good Luck 214585, Wyoming Hereford Association... 165
Eric 234422, same... 295
Princess 11th 218360, same... 260
Chancellor 226512, G. I. Woodall, Fall River, Kan... 130
Progressor 2d 228626, Ed. Harrison, Piedmont, Kan... 140
Fulfiller 5th 230510, M. B. Packard... 280
Beau Dale 207413, Wyoming Hereford Association... 225

COWS.

Mercedes 195448, C. W. Armour, Kansas City, Mo... 155
Hilda 196978, W. W. Wheeler, Harlan, Iowa... 100
Byrdella 209616, E. R. Morgan, Blue Rapids, Kan... 195
Gertie 199347, J. W. McCutcheon, Pilot Grove, Mo... 115
Mabelle 20th 244713, Morris Cook, Stewart, Ill... 135
Prairie Lady 200649, W. W. Wheeler, Harlan, Iowa... 145
Sapphire 143612 and h. c., C. C. Lillie & son, Piedmont, Kan... 125
Miss Donald 21st 184577, E. R. Morgan... 330
Coral Queen 189224, F. F. Scidmore... 105
Celestia 182393, and h. c., Lillie & Son... 135
Cambria 4th 179396, W. H. Johnson, Frankfort, Kan... 140
Duchess Pride 193126, J. A. Evans, Granger, Mo... 105
Picotte 205230, M. B. Packard... 130
Nadina 196984, W. W. Wheeler... 100
Saucy Girl 224924, Roberts & O'Brien, Lancaster, Mo... 110
Twinkle (twin) 203534, Steele Bros., Richland, Kan... 200
Laurinda 190794, Mousel Bros., Cambridge, Kan... 185
Lupin 189230, Roberts & O'Brien, Lancaster, Mo... 100
Ruby 202643, Wm. Risk... 150
Queen 199348, J. Sample, Luray, Mo... 120

SUMMARY.

25 bulls brought...\$5,995; average...\$239.80

22 cows brought... 3,060; average... 139.09
47 head brought... 9,055; average... 192.66

GALLOWAYS.

The prices on Galloways at the sale held during the week of the American Royal were scarcely up to expectations. The shaggy coats listed in this sale were selected with a good deal of care by the secretary of the Galloway breeders' association, consequently buyers fell heir to many good bargains. Mr. A. N. Thompson, of Nashua, Mo., contributed the animal that topped the sale, his bull Caleb Miller going to G. W. Spicer, of Smithville, Mo., for \$335. Sales made are as follows:

FEMALES.

Substitute, J. T. Fletcher, Boulder, Colo...\$195
Helfer calf from substitute, W. M. Brown & Sons, Carrollton, Mo... 200
Substitute, Croft & Son, Bluff City, Kan... 150
Francie of Nashua and bull calf, same... 115
Scottish Rosalind and bull calf, J. F. Spangler, Ness City, Kan... 170
Highland Mary 7th, J. W. Allison, Girard, Kan... 110
Miss Midget and heifer calf, J. W. Allison... 150
Caleb Miller, G. W. Spicer, Smithville, Mo... 335
Diamond Joe, Chris Rasmus... 100
Bonnie MacDougall, A. F. Cramer, Morris, Ill... 135

BULLS.

Rudolph 2d of Thorniehill, F. P. Wild, Cowgill, Mo... 260
Forbes, Judge Morrison, Milo, Mo... 260
Wild's McDougal, J. E. Bales & Son, Stockport, Iowa... 260
Jack of Wildwood, Chas. Glasgow, Oliphant, Kan... 110
Prince Meadow Lawn, Brookside Farm Co., Fort Wayne, Ind... 150

SUMMARY.

25 bulls...\$2,775; average...\$110.00
24 females... 2,315; average... 964.5
49 head... 5,085; average... 103.87

ABERDEEN-ANGUS.

The Aberdeen Angus sale held during the week of the American Royal in the pavilion was not an event characterized by much enthusiasm. Only twenty-one animals were sold, and these averaged \$97.15. Mr. M. A. Judy, of Beecher, Ill., paid the highest price for bulls, \$160, for Black Knight of Highland 6th. Mr. W. J. Miller, of Newton, Iowa, consigned a four-year-old cow that topped the sale at \$200, going to McDonald & Brentley, of Princeton, Mo.

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The Keen Kutter Tool Cabinet Booklet will be sent free if you drop a post card to Simmons Hardware Company, St. Louis and New York, U. S. A.

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To points in Nebraska, eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



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CORRECTIONS IN ILLINOIS DUROO AND CHESTER AWARDS.

In our report of the swine department of the Illinois State Fair, the Chester and Duroo awards in some unaccountable manner became mixed, and because of this we herewith append the full correct report of each breed:

DUROO JERSEYS.

The aged boar class brought out some extra good material. Commodore, the winner, is a wonderful hog in many ways. He has great size, weighing 1,080 pounds, and carries it easily on the best of feet. His color, a dark cherry, at his age speaks well for him. Buddy K. 4th stood next to him and had refinement and more quality, with nearly the same scale, weighing 1,035 pounds. This was the champion hog at Springfield last year and he had many friends for the same place this year. King Gold Coin stood third and is a hog that is worthy of close consideration in any company. In senior boars Tokio Paul carried off the honors. He was a showy, mellow fellow and carried his great length well. Junior yearlings was another strong class and the judges spent a good deal of time in picking the winners out of thirteen good ones. Orion King was at last decided upon, although many outsiders differed with the judge in this, as they did in many classes. Ambition stood second. He was a mellow hog, with splendid coat, good head and ear. The under year boars were also a strong class, notable for their uniformity. The winner, Shorty Orion, was an extra good one. He stood on the best of feet. He shows a good, strong bone, deep body and carries his back well. Illinois Chief was very much the same kind of a hog and it would be hard to tell just which should win. He lacked a little in length. Any one of the first three could have been placed first without going far wrong. The judge discriminated against high fitting all the way through. The under six months class brought out thirty—the cream of many herds. Cutler won on a pig that closely resembled the winning Polands. He was good all over and was very hard to fault. This class was so evenly matched that it was largely a matter of style and condition on which a judge could base his decision. In old sows great matrons came out. They were deep and roomy with splendidly-arched back. Foust's Pride was a grand sow, though she was not very far ahead of Bethel. She was very good. She won on her depth, back and coat. The third prize sow would stand a little more fullness behind shoulder. The senior yearlings were also a strong class. King's Lady won on better feet and bone. The first three were very even. Old breeders said they had never seen so much quality in one ring. The sows in the junior yearling class are usually in their prime and make a fine showing. Lottie S. was a tidy young sow, extra good in hams and loin. King's Lady A. was a very deep-bodied individual of good quality. There were eighteen under year sows and all but a few outstanding good ones. The young sows were better on their feet than the older ones, which shows advancement in the breed. The herd classes make a nice showing, perhaps the nicest showing of all. Harris won with his boar, Commodore, at the head, although Jackson had better sows and a class winning boar. The judge probably remembered the old saying that the sire is half the herd. The winning young herd was composed of Jackson's sows shown in other classes. In the show for champion boar Tokio Paul gave Commodore a close rub. He would have been a winner at most any show but in this.

Exhibitors: W. W. Green & Son, Rushville, Ill. (17 head); G. W. Trone, Rushville, Ill. (8 head); Louis Denton, Rochester, Ill. (3 head); A. A. Hill (5 head); C. C. Cramer, Huntville, Ill. (16 head); H. B. Griffith, Bowen, Ill. (18 head); Manlove Bros. & Norris, Bowen, Ill. (18 head); H. L. Comer, Carlinville, Ill. (18 head); L. W. Cross, Mason City, Ill. (9 head); Edw. Aldrich, Rosemont, Ill. (23 head); T. E. Laurie, Jacksonville, Ill. (12 head); Geo. Gilliland, Wrights, Ill. (10 head); Fagan, Browning, Hess & McCabe (23 head); W. F. Allen, Ripley, Ill. (5 head); Nelse Thompson, Rochester, Ill. (9 head); W. T. Gatten, Springfield, Ill. (11 head); Thomas & Ilgott (23 head); E. A. Baxter, Pawnee, Ill. (9 head); J. P. Plummer, Rochester, Ill. (14 head); Fred Kraschell & Son (16 head); J. C. Roach, Grand, Ill. (7 head); N. B. Cutler, Carthage, Ill. (16 head); Real & Richards, Ferris, Ill.

(9 head); Van Doren, Chatham, Ill. (31 head); Stansell & Matern, Magnolia, Ill. (16 head); John O'Neal, Remington, Ind. (15 head); J. A. Titer, Remington, Ind. (15 head); E. Hemline, Lexington, Ill. (6 head); W. F. Downing, Ryan, Iowa (13 head); A. W. Harris, Waverly, Ky. (14 head); Deal & Schweizer (35 head); Manley & Co., Lyons, Neb. (17 head); C. T. Rodgers, Petersburg, Ill. (14 head); Ira Jackson, Tippecanoe City, Ohio (10 head). W. E. Spicer, judge.

AWARDS.

Boar Two Years and Over (12 in class)—First, Harris, on Commodore by International, dam Cyclopeda 3d; second, Baxter, on Buddy K. 4th by Buddy T., dam Hyde's Beauty; third, Jackson, on King Gold Coin by Gold Coin, dam Cedarvale Queen.

Boar Eighteen Months and Under Twenty-four (4 in class)—First, Trone, on Tokio Paul by Oom Paul, dam Paulina; second, Harris, on Kentucky Colonel 2d by Harris Colonel, dam P. Duchess; third, Manley & Co., on Proud Monarch by Proud Advance, dam by Dandelion.

Boar Twelve Months and Under Eighteen (13 in class)—First, Cutler, on Orion King by Orion Chief, dam King Lady; second, Thomas & Hogsett on Ambition by A Top Notcher, dam Lib C.; third, Kraschell, on boar sired by Gold Cloud.

Boar Six Months and Under Twelve (15 in class)—First, Jackson, on Shorty Orion by Orion Chief, dam Florodora 5th; second, Greer, on Ill. Chief by Tip Top Notcher, dam Daisy Improver; third, Fagan, Browning, Hess & McCabe, on Helen's Tip Top Notcher by Tip Top Notcher, dam Helen Blazes.

Boar Under Six Months (30 in class)—First, Cutler, on Wonder Boy by Pilot Boy, dam Miss Watt; second, Deal & Son, on Auditor D. by Golden Hero, dam Hille's Model; third, Jackson, on pig by Orion Chief, dam Nellie M.

Sow Two Years and Over (20 in class)—First, Fagan, Browning, Hess & McCabe, on Foust's Pride by Kan't Be Beat, dam Xenia Queen; second, Manley, on Bethel by Young John, dam Osborn's Best; third, Titer, on Clover Blossom 1st by Crimson Top, dam Clover Blossom.

Sow Eighteen Months and Under Twenty-four (12 in class)—First, Jackson, on King's Lady by Orion Chief, dam King's Lady; second, Teter, on Pearlina by Chief Surprise, dam Cotton Girl; third, Harris, on Lady Queen by Oom Paul, dam Young Queen.

Sow Twelve Months and Under Eighteen (15 in class)—First, Greer, on Lottie S. by Tip Top Notcher, dam Goldie O. 40th; second, Jackson, on King's Lady A. by Orion Chief, dam King's Lady; third, Cutler, on Red Lady by Ely's Improver, dam Red Rose.

Sow Six Months and Under Twelve (First, Cutler, on Lady Kruger by Kruger, dam Orion Lady; second, Jackson, on Annie Orion by Orion Chief, dam Florodora 5th; third, Teter, on Miss Pride by Golden Chief, dam Pride of the West.

Sow Under Six Months (24 in class)—First, Thomas & Hogsett, on You Can't Beat Her by Ambition, dam Bessie Bell; second, same, on Gold Coin by Ambition, dam Golden B.; third, Greer, on Lady G. by Steven A. Douglass, dam Lottie S.

Boar and Three Sows One Year and Over (5 in class)—First, Harris, on Commodore, Lady Queen, Grace F. 2d and Red Silk; second, Jackson, on King Gold Coin, Orion Lady A., Orion Lady B. and King's Lady 1st; third, Manley & Co., on Junior Jim, Bethel, Need and unnamed.

Boar and Three Sows One Year and Over, Bred by Exhibitor (6 in class)—First, Manley & Co., on Proud Monarch, Bethel, Need and Shady Nook Beauty; second, Kraschell, on Gold Standard, Perfection Maid, Perfection Maid 2d and Perfection Maid 3d; third, Cutler, on Ill. Chief, Bonny Girl, Cutler's Queen and Goldie C.

Boar and Three Sows Under One Year (7 in class)—First, Jackson, on Shorty Orion, Annie Orion, Fancy Orion and Nancy Orion; second, Cutler, on Wonder Boy, Ill. Queen, Lady Kruger and Princess; third, Greer, on Ill. Chief, Schuyler Bell, Ruby and Hallie G.

Boar and Three Sows Under One Year, Bred by Exhibitor—Same as above.

Four Pigs Under Six Months, Produce of Same Sow—First, Cutler, on produce of Miss Watt, sired by Pilot Boy; second, Harris, on produce of P. Duchess 11, sired by Top Notcher 10th; third, Thomas & Hogsett, on produce of Golden B., sired by Ambition.

Four Swine Get of Same Boar, Bred by Exhibitor—First, Jackson, on Shorty Orion, Annie Orion, Orion Lady A. and Orion Lady B.; second, Greer, on Ill. Chief, Lottie, Ruby and Hallie G.; third, Thomas & Hogsett.

Champion Boar—Harris, on Commodore.

Champion Sow—Fagan, Browning, Hess & McCabe, on Foust's Pride.

CHESTER WHITES.

The Chester Whites were not very strong in numbers, but they had a very strong show in most classes. Humbert & White carried off a majority of the ribbons with a very strong herd. Some Chesters in the show had a serious defect, that of being weak on feet. Some were also inclined to drop in the back. Joker, the first-prize aged boar, later made champion, was a very good one, and very near the Poland China type. The hog that stood next to him was a little lighter in the hams. Neponset Boy, winner in the twelve to eighteen months class, was a strong favorite for champion and would have looked all right as champion. The under a year class brought out some good ones. Meddler was sweepstakes boar at Des Moines, being extra good in feet, a lengthy pig, with a well-sprung rib. The Indiana prize pig was good enough to give the judge a hard one. The under six months class brought out fifteen, but they were uneven in size and the judge was at sea on account of their ages, some being too old for their class and had to be thrown out. He finally selected the Loughbridge pig. Second-prize pig was better in head and ear. Mears brought a very fancy youngster, a late pig, that would have stood higher if his feet had been better. In the aged sow class Springfield Fancy carried off the honors. She showed more style and finish than Sweet Marie, an extra good boar, though a trifle heavy in ear. The sows in this class were very strong and would have compared favorably with the same class in any of the breeds. The sow class was as a rule better than the boars, and showed evidence of having produced pigs, and many were bred. The under one year class brought out a nice, even bunch and the winners were not outstanding. They showed lots of quality and breed character. Champion boar went to Joker. It lay between him and Neponset Boy, but the winner had a better-sprung rib and carried his width a little better. In this champion sow class Springfield Fancy carried off the honors. She is a great sow, of deep body, has a good, strong back, good on feet, especially strong back of shoulders. The exhibitors were: Jno. C. Weddle, Franklin, Ind. (14 head); E. L. Mears, Neponset (25 head); W. L. Dodd (2 head); F. D. Humbert & White, Nashua, Iowa (21 head); McCandless Bros., Barclay (16 head); W. A. Hinkle, Decatur (13 head); F. C. Bow, Ava (4 head); Orr Phillips, Hamlet, Ill. (1 head); J. M. & J. F. Stevenson, Adrian (15 head); Gus Yonka, Olney (15 head); J. A. Loughbridge, Delta, Iowa (15 head). Total, 140 head.

AWARDS.

Boar Two Years and Over (6 in class)—First, Humbert & White, on Joker by Combination, dam Idella; second, Weddle, on hog by Duke of Dugar Plain; third, Humbert & White, on hog by Combination.

Boar Eighteen Months and Under Two Years (3 in class)—First, Humbert & White, on Humbert's Choice by Combination, dam Idella; second, Mears, on Prince O. K. by Jerry S., dam Yum Yum; third, Weddle, on Silver Tip by Leader, dam Model Queen.

Boar Twelve Months and Under Eighteen (6 in class)—First, Humbert & White, on Neponset Boy by Nashua Boy; second, Hinkle, on Joe by White Joe 2d; third, Richards & Stevens, on Teddy All Right by Roosevelt, dam Lady Perfection.

Boar Six Months and Under Twelve (10 in class)—First, Humbert & White, on Moddler by Nashua Boy; second, Mears, on Fisher Medium 3d by Fisher Medium, dam Neponset Belle; third, Bow, on The Winner by Logan, dam Belle of Springfield.

Boar Under Six Months (15 in class)—First, Loughbridge, on pig by Victor, dam Delta Belle; second, Humbert & White, on pig by Nashua Boy; third, Mears, on Neponset Choice by Prince O. K., dam Model Grace 4th.

Sow Two Years and Over (4 in class)—First, Mears, on Springfield Fancy by Neponset King, dam Springfield Belle; second, Humbert & White, on Sweet Marie by Combination; third, Yonka, on Bessie by Perfection Chief, dam Miss Nation.

Sow Eighteen Months and Under Two Years (7 in class)—First, Humbert & White, on Idella 2d by Combination, dam Idella; second, Humbert & White, on sow by Nashua Boy; third, Mears, on Fancy Grace by Neponset King, dam Model Grace.

Sow Twelve Months and Under Eighteen (5 in class)—First, Humbert & White, on sow by Nashua Boy; second, Weddle, on Equality by Louis R., dam Modest 2d; third,

Loughbridge, on sow by Iowa Champion, dam Delta Belle.

Sow Six Months and Under Twelve (15 in class)—First, Humbert & White, on sow by Nashua Boy, dam Astrio; second, Weddle, on Azalia by Louis R., dam Milby; third, Humbert & White, on sow by Nashua Boy.

Sow Under Six Months (13 in class)—First, Weddle, on Rosy B. by Old Coln, dam Russell's Choice; second, McCandless, on Miss Lilac by Col. Barclay, dam Lilac; third, Means, on Neponset Lady by Fisher Medium, dam Iowa 2d.

Boar and Three Sows One Year and Over (4 in class)—First, Humbert & White, herd headed by Neponset Boy, sows Idella 2d, Iowa Star and sow by Nashua Boy; second, Humbert & White, herd headed by Joker, sows, Sweet Marie, Beauty and Judge's Choice; third, Mears, herd headed by Prince O. K., sows, Springfield Fancy, Fancy Grace and Pride of Maple Grove.

Boar and Three Sows One Year and Over Bred by Exhibitor—Same as above.

Boar and Three Sows Under One Year (3 in class)—First, Humbert & White, on herd headed by Moddler; second, Mears, on herd headed by Fisher Medium 3d, sows, Neponset Lola, Neponset Hazel, Neponset Daisy; third, Weddle, on herd headed by Majestic Victor, sows, Azalia, Clarissa and Lady Irene.

Boar and Three Sows Under One Year Bred by Exhibitor—Same as above, except Loughbridge took third.

Four Pigs Under Six Months Produce of Sow (3 in class)—First, Loughbridge, on produce of Lillian; second, McCandless, on produce of Lilac.

Four Swine Get of Same Boar and Bred by Exhibitor (5 in class)—First, Humbert & White, on get of Nashua Boy; second, Humbert & White, on get of Combination; third, Mears, on get of Billy A.

Champion Boar—Humbert & White, on Joker.

Champion Sow—Springfield Fancy.

CHESTER WHITE SPECIALS OFFERED BY AMERICAN CHESTER WHITE RECORD ASSOCIATION.

Boar Under Six Months—Humbert & White.

Sow Under Six Months—McCandless.

Five Pigs Under Six Months—McCandless.

Pair of Pigs Under One Year—Humbert & White.

Boar and Three Sows Any Age—Humbert & White.

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Daily market reports, farm news, household hints, sporting gossip, and everything that goes to make a complete metropolitan paper are regular features.

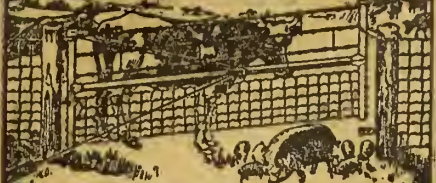
Every reading person in Iowa now has an opportunity to see just how good The News is by sending 25c to the Des Moines Daily News, Des Moines, Iowa, for a three months' trial subscription. The paper will be stopped promptly at the end of the three months unless you decide to renew.

We suppose the article by The Litchfield Manufacturing Company on page 5 is not intended for fools but for wise men.

The Homestead and The Homemaker \$1.25 per year.

The Iowa Gate

- FOR THE FARM -



By sliding this ring back the largest hogs may pass under

AND have the run of two lots. Or raise your gate to drive hogs in or out, then your larger stock cannot get out while you are busy. The IOWA gate works fine this way. Raising the Gate by the sliding ring is simple enough but very handy when your gate swings on uneven ground or when the outer end drags. Rolled Steel Tubing is used in the frame instead of iron or gas pipe. This makes a frame that will not bend and is guaranteed to stand any farm use.

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Cheaper Than Wooden Gates and will outlast a dozen. Write today for our circular.

IOWA GATE CO. Ninth Street
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CRUSH ear corn (with or without shucks) and GRIND all kinds of small grain. Use Conical Shape Grinders. Different from all others.

LIGHTEST RUNNING.

Handy to Operate. 7 Sizes—2 to 25 h. p. One size for wind-wheel use.

Also make Sweep Grinders; both Geared and Plain.

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Manufacturers of corrugated metal culverts. Most practical and durable culvert made. Bears any wt., will not break or rust, not affected by freezing. Send for catalog.

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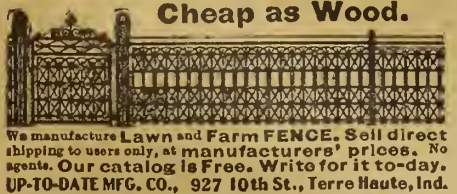
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We give thirty days' free trial on your own farm—money back if not entirely satisfactory—and allow you the wholesale maker's price if you decide to keep it. Now, Advance is the strongest fence made because we don't cut the stay wire but weave it right into the top and bottom strand wires, thus saving all the strength and making the fence solid as a rock. Our catalogue tells all about it and gives wholesale delivered prices.

ADVANCE FENCE CO., 3482 Old St., Peoria, Ill.

Cheap as Wood.



We manufacture Lawn and Farm FENCE. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalogue is free. Write for it to-day. UP-TO-DATE MFG. CO., 927 10th St., Terre Haute, Ind.



FENCE Strongest Made.

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today
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Box 29, WINCHESTER, INDIANA.

PILES Permanently Cured. Instant relief. Destroys the Parasite in Itching Piles. No More Torture. Trial box MAILED FREE. Address The Gorm Cure, 202-9th St. Cincinnati, O. Dept. 26.

MARRY Photos and addresses of rich and handsome people who want to marry, sent free, sealed. Write to day. THE PILOT, Dept. 24 180 N. Hamilton Ave., Chicago, Ill.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

WILL—DESCENT IN IOWA.

A Subscriber, Delta, Iowa.—A man drew a note stating that at his death he promised to pay all he is worth, both real and personal, and all to which he will be entitled as an heir, to his wife. He died leaving his wife surviving him. They had no children. (1) Is the note good as a will? (2) Who is entitled to his estate?

Answer.—(1) It is not. A valid will must be attested by two witnesses. (2) His widow is entitled to one-half of it; the other half goes to his parents.

WIDE WAGON TIRE—NEW LAW.

Mr. Geo. A. Pister, Decorah, Iowa.—Is there a law in Iowa allowing a farmer who uses a wide wagon tire \$5 credit on his road tax, and \$2 for using springs on his wagon?

Answer.—A law passed by the last legislature provides that all persons who shall in good faith use wagons on the public roads of the state with tires not less than three inches wide for loads exceeding 800 pounds, shall for the year ending July 1, 1907, and every year thereafter, receive a rebate of one-fourth of their road taxes, not to exceed \$5.00 to any one person in a year. The rebate is paid by the township trustees, upon the presentation of an affidavit stating the facts. There is no law providing for a rebate for the use of springs on a wagon.

WAGON TIRES—ROAD TAX.

Mr. John A. Shultz, Fruitland, Iowa.—Is there a law in Iowa which provides that a person who uses a three-inch wagon tire shall be partially exempt from the payment of road taxes?

Answer.—There is such a law passed by the 31st General Assembly. It provides that all persons who shall in good faith use wagons on the roads, with tires not less than three inches for loads exceeding 800 pounds, shall for the year ending July 1, 1907, and each year thereafter, receive a rebate of one-fourth of their highway taxes, not to exceed \$5 to any one person in a year. The rebate is paid by the township trustees upon the person making an affidavit that he has used a wagon with such tires.

HOLIDAYS—LABOR.

Jack, Wall Lake, Iowa.—I am a hired man, working for wages. When I was employed, there was nothing said about holidays. On the Fourth of July I quit work—left the place in the morning before chores were done, to attend a celebration, and did not return until the night of the 5th of July. I expect to lose my wages for the 5th, but I want my wages for the 4th of July, and my boss refuses to pay for that day. Can I compel him to do so?

Answer.—You can not. The law relating to the Fourth of July and other holidays, applies only to the presentation for payment or acceptance of commercial paper, such as promissory notes, bills, drafts, checks, etc., and the protesting thereof, and to legal proceedings in court, and out of it, but the law has nothing whatever to do with contracts between employer and employee. If a hired man wants his holidays off, he must have that agreed to in the contract.

HUSBAND AND WIFE—NO CHILDREN.

Mrs. Anna Jones, Marshall, Mo.—A married man died leaving a widow, but no children. He owned at the time of his death 240 acres of land in Missouri, and had considerable personal property, consisting in part of live stock on the farm. Under the laws of Missouri what portion of the land, stock and other personal property will the widow get? The estate does not owe any debts.

Answer.—The widow is entitled to have set apart to her what is called the widow's allowance, which is as follows: Family Bible and other books to the value of \$200. Wearing apparel, wheels, looms and other implements of industry, yarns, cloth and clothing made up for use. Provisions necessary for one year. Household and kitchen furniture to the amount of \$500, and other personal property to be chosen by her to the amount of \$400. After this is set apart for her, she is further entitled to: First, all the real and personal property which came to the husband in right of the marriage, and to all the personal property of the husband which came to his possession with the written assent of the wife remaining undisposed of absolutely, not subject to the payment of the husband's debts. Second, to one-half of the real and personal estate belonging to the hus-

EUREKA Harness Oil

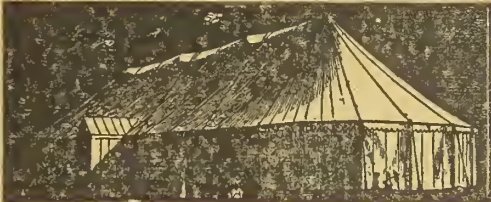
Keeps the Harness Soft and Strong

For preserving the strength and increasing the life of harness
Eureka Harness Oil has no equal. Superior to other brands because free from acid and will not become rancid. Penetrates the leather and makes it weather-proof, sweat-proof, soft, strong and durable. Makes old harness look like new. Prevents rot. Gives a glossy black finish.

Boston Coach Axle Oil makes easy running wheels. Reduces friction to an absolute minimum. Better and more economical than castor oil. Will not gum or corrode. For use on carriages, cabs, buggies.

Sold everywhere.

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MANUFACTURERS of all canvas goods, also Slickertine, a waterproof dressing for all canvas goods.

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Eclipse Portable WAGON and STOCK Scale

ALL above ground. No pit. Steel frame eight inches high. Most accurate and durable. Write for catalog and price.

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band at the time of his death absolutely, subject to the payment of his debts.

ROAD TAX—BANKRUPTCY.

A Subscriber, Leon, Iowa.—(1) Is it legal for a man to work or pay his road tax (poll tax) in a county other than that in which he resides? (2) State the necessary steps for one to take in going into voluntary bankruptcy, and about what it would cost.

Answer.—(1) It is not. He could be compelled to either work it out or pay it again in the county where he lives. (2) A wage earner, or a person engaged chiefly in farming or the tillage of the soil, cannot become a voluntary bankrupt under the bankruptcy law of 1898. Any other person may go into voluntary bankruptcy if he or she owes debts amounting to \$1,000 or over. Such a person must file a petition in the United States District Court in the district where he lives, with a schedule of his property showing the kind and amount thereof; the location thereof; its money value in detail, and a list of his creditors, showing their residences, the amounts due each of them, the consideration thereof, the security held by them if any, and a claim for such exemptions as he may be entitled to all in triplicate, and submit to an examination concerning his business methods, the cause of his bankruptcy, and all matters affecting the settlements of the matter. It is quite complicated and hardly any person could conduct the proceedings without the assistance of a competent lawyer.

"What does 'fool proof' mean?" is the essence of an article on page 5 by the Litchfield Manufacturing Company this week, which we think should interest our readers. This modern Manure Spreader, which is receiving such diligent attention at their hands, certainly ought to interest the majority of our readers and we think is worth reading.

MEMPHIS, TENN.

Account of the annual convention Brotherhood of St. Andrew of Episcopal church at the above place the Chicago Great West-

FREE TUITION

Ten weeks to the first student to enter the Southern Minnesota Normal College from any post-office, \$1 a week to all others. Board \$1.75, room rent, 50c per week. Study Teacher's, Normal, Business, Shortland, Law, Music, Art and Common School Branches. Enter at any time. Backward students receive special attention. Don't decide where to go to school until you see our catalog. Address, CHAS. R. BOGSTROM, 962 College St., AUSTIN, MINN.

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Greatest Weekly - - The Breeders' Gazette
Greatest Daily - The Chicago Live Stock World
BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address, Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

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WE cure stammering, Stuttering and other forms of defective speech in four to eight weeks. Only permanent institution in the Northwest. Endorsed by public officials, educators, professional and business men. Terms moderate. Write us today.

NORTHWESTERN SCHOOL FOR STAMMERERS,
1022 15th Ave., S. E., Minneapolis, Minnesota.

Wanted men to learn Telegraphy; write J. P. Tighe, cure Santa Fe Ry., Arkansas City, Kan.

ern Railway will sell round-trip tickets at rate of one fare plus twenty-five cents on October 15th to 18th, with return limit of October 30th, and on payment of fifty cents additional, until November 30th. Best service and connections. Inquire of E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

EASTERN HOME-VISITORS EXCURSION.

On October 19th the Chicago Great Western Railway will sell round-trip tickets to points in Illinois, Indiana, Michigan, Ohio, Pennsylvania and New York at rate of one fare and one-third for the round trip. Tickets will be good for thirty days. For further information call on or address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ST. LOUIS EXCURSION.
Via the Wabash, October 19th, good to return the 21st. Only \$4.50. Address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., Des Moines, Iowa.



Save \$25.00 On FUEL this Winter

\$25.00 is the wages of one man for 30 days. It is 5 per cent interest on \$500.00 for one year. You can save this amount this winter, and every winter that your home is heated with a Cole's Hot Blast Stove.

The big expense in heating your house is the fuel, not the first cost of the stove.

You are wasting DOLLARS in high priced hard coal through leaky joints and poor radiating surface. You also waste HALF the Gas Heat, the best heating half of soft coal, by imperfect combustion.

Cole's Hot Blast Stove holds fire over night with any kind of fuel, even corn cobs, chips, rocks and waste material. You always have warm rooms in the morning in which to dress the children and eat breakfast without building a new fire. Our Free Booklet on Scientific Combustion explains fully. Send postal for it today. Tells you all about the nature of soft coal, hard coal and other fuel, and why

Cole's Hot Blast Stove

saves all heat and fuel wasted with other stoves.
Cost of Stove More Than Saved
In Fuel Each Winter

Olives cleanliness and even heat day and night with soft coal you never dreamed possible. Uses less hard coal and gives more heat than any base burner. Your home dealer will set one up in your house on our guarantee backed by his guarantee, at \$10 and Up

GUARANTEE

- 1.—We guarantee a saving of one-third in fuel over any lower draft stove of the same size with soft coal or slack.
- 2.—We guarantee Cole's Hot Blast to use less hard coal for heating a given space than any base burner made with the same size fire pot.
- 3.—We guarantee that the rooms can be heated from one to two hours each morning, with the soft coal or hard coal put in the stove the evening before.
- 4.—We guarantee that the stove will hold fire with soft coal thirty-six hours, without attention.
- 5.—We guarantee a uniform heat day and night, with soft coal, hard coal, or lignite.
- 6.—We guarantee every stove to remain absolutely airtight as long as used.
- 7.—We guarantee the feed door to be smoke and dust proof.

Cole's Original Hot Blast was invented after 12 years' continuous experimenting to find a way to save the enormous waste in fuel through the escape of gas and heat up the chimney in the ordinary stove. Our reputation as manufacturers of the Original Successful Hot Blast goes with every stove; and will not be sacrificed by the use of inferior material or cheap workmanship.

Would You Lose \$50 in Fuel to Save \$1.00 on the cost of Your Stove?

That is what you do when you buy a cheaply constructed, putty jointed, showy made stove.

Like all successful inventions Cole's Original Hot Blast has many inferior imitations, a void them. They lack our patented Hot Blast construction, the patented steel collar connection for the elbow casting to stove body, making an everlasting tight joint which cannot open by action of the fiercest heat; the patented compound hinge for ash door, the guaranteed smoke-proof door, which prevents dust, soot or smoke from escaping when fuel is put into the stove, and other patented features which are essential to the success of our stove. Do not let any dealer persuade you to buy anything but Cole's Original Hot Blast. See the name "COLE'S HOT BLAST from Chicago" on the feed door of each stove. None genuine without it.

The best dealer in every town generally has the agency for Cole's Original Hot Blast Stoves. Write us for name of local agent and for FREE BOOKLET on the scientific combustion of fuel, which also tells about Cole's Hot Blast. In towns where there is no agent, mail order purchasers are protected by the above guarantee.

COLE MFG. CO., 3234 S. Western Ave., Chicago

FARM to TANNERY
ESTABLISHED 1865
SHIP YOUR HIDES DIRECT TO TANNERS
FELTS, FURS, WOOL AND TALLOW

We are large tanners and have decided to buy

HIDES, PELTS, FURS, WOOL AND TALLOW,
"DIRECT FROM THE FARMER."

Ship us one hide or a hundred—fair treatment guaranteed all—the smallest shipper and the largest. We pay highest market prices and make prompt remittance. Write for price, tags and reliable information about curing hides, etc.

J. S. SMITH & CO., CHICAGO.

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Nashville, Tenn., Portland, Ore., Los Angeles, Cal.
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100 LBS. FENCE WIRE, \$1.25

No. 14 Gauge Painted Wire Shorts, 100 lbs., \$1.25; No. 14 Gauge Galvanized Wire Shorts, 100 lbs., \$1.40; Other sizes at proportionate prices. Galvanized Barb Wire 2 and 4 point per 100 lbs., \$2.50; "EB" Galvanized Phono Wire, Per 100 lbs., \$2.40; Annealed Wire, Per 100 lbs., \$1.90; Graduated Diamond Mesh Galvanized Fencing, 24 ins. high, per rod, 20c; Galvanized Poultry Netting, per 100 sq. ft., 40c; Indestructible Steel Fence Posts, the best manufactured, each, 35c. Everything in the line of Wire and Fencing for all purposes. Now is the time to buy. These prices are for immediate action. Ask for Free 500-page Catalog No. B. A. 500 quotes lowest prices on staple farm supplies of every kind; also offers furniture and household goods from Sheriff's and Receivers' Sales. Chicago House Wrecking Co., 35th & Iron Sts., Chicago

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Greatly improved. Better than ever. Does all kinds of light and heavy riveting and stitching. Saves the cost many times a year. A perfect Hand Sewing Machine and Riveter combined. Notice the Automatic Sprocket show it means a sale. Agents make \$3 to \$15 a day. One agent made \$20 first day and writes to hurry machines to him. Write for special agent price. J. B. Foote Foundry Co., Dep. 438 Fredericktown, O (The Great Agents Supply House)

ROYAL PATENT WAGON SCALE
SOLD on 30 days free trial. For catalog and discounts, address,
Monarch Grubber Co.,
Lone Tree, Ia.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

THE FEEDING OF CALVES.

Prof. Hugh Van Pelt, who has recently taken charge of the dairy herd of Iowa Agricultural College, sometime ago contributed an article on the above subject to the Jersey Bulletin. Among other things he said:

For the first two weeks of the calf's life it is fed five pounds of whole milk direct from the cow twice a day. At the end of this time a small amount of skim milk is substituted for a little portion of new milk, until at the end of the next ten days or two weeks the calf is drinking all skim milk and about twelve pounds of it per day. About this time the youngster is beginning to nibble at a small bunch of clover hay that has been placed in a small rack at the corner of his stall to tempt him, and we surmise that he would eat a bit of grain if he had a chance, so we at once begin to provide the grain. As soon as the milk is run through the separator in the morning the foam is roughly taken off and the milk measured out to each calf. To this is added from a teaspoonful to a tablespoonful of blood flour, which readily goes into solution and is drank along with the milk. Now I consider this blood flour one of the greatest feeds in the world for calves for two reasons: First, because it is almost entirely made up of protein and bone phosphate, the two constituents of a food that go to build up the bone and muscle of the animal, and this is what is wanted in feeding calves; second, when blood flour is used regularly there is never a case of scours.

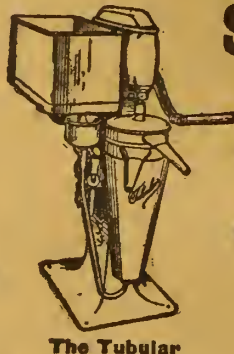
Since last November there have been about forty calves under my care, and I have not in that time seen a case of scours, and I could not have asked that the calves grow better or look finer at this time. Immediately after feeding the milk, grain is placed before the calf in a small box that is always kept sweet and clean. By feeding the grain at this time the calf soon learns to eat instead of sucking others' ears, which practice is very detrimental to proper development of the youngster.

The grain ration is made up of corn (cracked), bran and whole oats in equal proportions by weight. Oil meal is fine to add in limited amounts when not too expensive, but this is not necessary when blood flour is fed, so we have not used it this year.

This same plan of feeding is followed twice each day and good clover hay kept before the calf at all times that he may eat as he chooses. As the calf grows, of course, the grain and skim milk are increased so as to stimulate the best growth, and as the judgment of the feeder directs. When grass comes of course the babies are turned out in the day time in their grass paddocks and kept up at night until the flies get bad, then they have access to a well-ventilated and darkened stall in the day and run through the pasture at night. Their stall is always clean and well bedded and the calf itself kept clean.

The system of calf feeding outlined above approaches the ideal as applied to the feeding of calves on skimmed milk. It is taken for granted in this instance that a separator is at hand and that the milk is fed just as soon as it is skimmed while it still retains the body heat. Those who do not have separators must employ artificial means to heat the skimmed milk. There is always a temp-

A FARMERS' COMMITTEE SAYS TUBULAR IS WORLD'S BEST CREAM SEPARATOR



Low Can
Lightest Bowl
Simplest Bowl
QUICKEST CLEANED

Self Oiling
Ball Bearing
Enclosed Gears
CLEANEST SKIMMER

The Tubular

A community of farmers and dairymen recently united and appointed a committee of six wide awake farmers to thoroughly investigate cream separators and decide which is best.

Why? Simply because they were convinced that cream separators pay, and wanted to know the best before buying. The committee requested all leading separator representatives to meet the committee and show their machines.

Why did they do that? Because the committee wanted to find out positively which separator actually is best. They didn't want to take anybody's word for it, but wanted to see all reliable separators side by side and decide for themselves.

When that committee met, many farmers were present waiting the decision. The committee carefully examined the different separators, and unanimously decided that the Sharple's Tubular Cream Separator is best, excelling all others in fifteen essential points.

The members of the committee backed up their decision by buying for themselves six No. 6 Sharple's Tubular Cream Separators right on the spot—one Tubular for each farmer on the committee.

What did that mean? That this investigation had absolutely satisfied the committee that the Sharple's Tubular is the best cream separator built—the best in every way. If you buy a Sharple's Tubular, you will get the world's best separator.

It is to your advantage to learn all about this committee—its decision—and the world's best separator. Write for our handsome, complete catalog C 121, with leaflet and the committee's sworn statement telling all about it.

THE SHARPLES SEPARATOR CO.,

Toronto, Can.

WEST CHESTER, PA.

Chicago, Ill.

tation, however, to feed it cold after the calf is a month or two old, but we believe if there is an ambition to make good calves the labor required and the amount of fuel necessary to heat the milk to a temperature of 90 degrees will be handsomely repaid. Instead of placing the vessel containing the milk directly on the stove, as is generally done for warming purposes, it is much more advisable to place it in a vessel partially filled with water. In that case the milk does not scald and consequently is in much better shape for calves.

CANE FOR DAIRY COWS.

The following communication has been received from one of our subscribers, Mr. J. V. Finley, of Coffey county, Kan.:

I would like to ask the editor of the dairy department if cane fodder has the effect of drying up dairy cows. I sowed some last summer, but have been told since that it has that effect.

Cane is not as rich in milk-making

material as clover hay, indeed it is only about half as rich as timothy hay. Because of this, cows could not be expected to give a very liberal flow of milk if they were furnished cane fodder alone. On the other hand, there is nothing in the theory that cane has the effect of drying up cows, this opinion having gained headway on account of the low percentage of protein, or milk-forming material.

However, we would have no hesitation in advising the use of liberal quantities of cane in the dairy if it is on hand. It is exceedingly palatable and that means that it is more or less easily digested, because palatability is closely associated with digestibility. Where cane is used, however, it should not be fed in connection with much corn when fed to dairy cows, because in that case each food is one-sided in its composition, neither of which contributes very liberally to milk flow. Milk feeds, such as bran or shorts, should be fed in conjunction with cane. Oil meal is still richer in flesh-forming constituents, but it is somewhat high in price and cannot be fed with profit in larger amounts than two or three pounds a day. Ground or soaked oats can be used to excellent advantage in connection with cane fodder, because oats supply the material in which cane is lacking. Any grain that is grown on the farm, aside from corn, may be profitably used for dairy cows in connection with cane.

VARIATIONS IN THE TEST OF SEPARATOR CREAM.

In a bulletin recently published by the Kansas Experiment Station, the above subject is taken up with a considerable degree of thoroughness. According to this bulletin the chief causes of variation and the amount of variation in the butter fat content of cream are as follows:

1. The temperature of milk makes a difference of from one to five per cent in the test of cream at average skimming temperature, greater variation being caused in extreme cases.

2. The amount of flush water used with average skimming temperatures makes a difference of from 1 to 3 per cent, in extreme cases making a difference as great as 10 per cent.

3. The variation in steadiness of the bowl makes a difference of from 2 to 16 per cent, depending on amount of vibration.

4. The variation of the speed of the bowl causes a difference of from 1 to 13 per cent in the test of cream, depending on the variation in speed.

5. The amount of milk allowed to flow through the separator bowl from one-half to full capacity makes a difference of from 1 to 6 per cent, depending

Better than Ever

No matter how you handle your milk,
No matter what separator you may be using,
No matter what separator you may be thinking of buying, for your own convenience sake, and your pocket-book's sake, don't fail to see and examine

The Improved Frictionless EMPIRE Cream Separator

Without doubt or chance of question, it is as far ahead of the old style cream separators as the cream separator itself is ahead of the deep-setting system.

It is the simplest in construction, has the lightest bowl, turns more easily and is more easily cleaned than any other cream separator made.

Its improved bearings make it as nearly absolutely frictionless, as it is possible for a machine of any kind to be built—it almost "runs itself."

Why put up with a machine of the heavy, hard-to-turn type, when you can get the Improved Frictionless EMPIRE?

At any rate why not examine it?

That is all we ask:—You certainly want the best separator you can find; the EMPIRE, always the leader, is now better than ever.

We know, for experience has proven, it is to your advantage to put our claims to the test.

The great present army of Empire users made up their minds that way.

Send for our catalog and our valuable free dairy books. You will be interested in learning how the EMPIRE is made—why it does such good work, and how it will make dollars for you.



EMPIRE CREAM SEPARATOR COMPANY,
Chicago, Illinois,

Bloomfield, N. J.

upon the divergence from full capacity of the machine.

6. The amount of acid in the milk causes an irregular variation in the test of cream, depending upon the amount of acid it contains. Where the acid reaches a high point, .3 to .4 per cent, for instance, and the separator is used continuously for an hour or more, it will eventually clog the same as in the case of cold milk. The cream will then become thicker, until the separator is entirely clogged. The extent of the clogging will depend on the amount of acid in the milk and the size of the machine. The higher the acidity and the smaller the machine the sooner the separator will clog.

Those who are interested in a detailed discussion of this subject should send a request to Director of Experiment Station, Manhattan, Kan., for Bulletin 137. A careful reading of this bulletin may do much to break down suspicions of dishonesty that often exist between creamery patrons and those in charge of the creamery.

Cream Ripening on the Farm.

To the Editor of The Homestead:

As a matter of course, everyone who keeps cows for the purpose of making

good butter is desirous of making an article that will bring the best prices possible, and of making the greatest amount of butter possible out of the milk produced. After milk is delivered to a creamery it is usually manufactured by those who have been well instructed in the art of butter-making, and the result is that, as a rule, a fairly good article is made. Besides this, the creamery is equipped with appliances which enable its butter-maker to obtain very nearly all the butter contained in the milk, and by his knowledge of what the general butter market demands, he is able to produce an article which is readily sold.

But the case is different with those who make butter on farms, where a large percentage of the butter in this country is made. While on many farms excellent work is done and a choice article is made which brings a fancy price, yet, through ignorance of correct methods of management and of the demands of the market, and in many instances through careless and slovenly habits, the great bulk of farm-made butter does not bring the price it should, and that means an enormous loss to farmers.

The utmost cleanliness should be observed in milking and in caring for it afterwards, and the sooner the milk is strained and set in cold water the better. It is evident that if desired to churn the cream at a certain degree of acidity and age, our treatment of the cream must vary according to the system by which it was raised. It stands to reason that cream which has been raised for thirty-six hours in a shallow pan and perhaps not skimmed until the milk was loppered, does not need the same treatment as that taken out of a separator within an hour of milking time. Then again, that raised in ice water needs a modification, just as cream in a separator creamery must be treated differently from that in a gathered cream creamery. A difference must also be made if we churn every day or only every other day, or once a week.

If cream is churned perfectly sweet, it will have a very faint aroma and an insipid taste, and the demand for such butter is very limited; hence the object for ripening is to develop that peculiar aromatic flavor which is characteristic of all fine butter. There is nothing better than a clean, heavily-tinned and smoothly-soldered steel or copper can in which to keep the cream. In this the temperature of the cream may easily be changed by placing the can in a larger one or in a tub with water. The warmer the water the more important it is to stir the cream so as not to overheat part of it. It is safest not to have the water more than 120 or 140 degrees.

When the right temperature is obtained, the can should be placed in a box or barrel large enough to have about six inches of insulating material (hay will do) around the can so that the temperature may be kept from falling much, even if we have to keep the can in a very cold room. When it is desired to cool it, the can is simply placed in a barrel of cold water and kept there, changing the water or adding ice as needed. If churning only twice or three times a week, the object must be to keep the cream as cool as possible up to within twelve or eighteen hours of churning time. The warm separator cream should be cooled before adding it to the previous lot in the can. If shallow-pan cream is used, the cream will be nearly ripe, and, as a rule, will be ready to churn twelve hours after adding the last batch, without raising the temperature. It may be necessary to cool it, so as to secure the right temperature.

Cream of different ages should never be churned together without having been mixed together for at least six, or, what would be better, twelve hours, and it should be well stirred as each batch is added. If cold water or ice deep-setting cream is used, it may be kept in the same cold-water tank until twelve hours before churning, and then the temperature should be raised to sixty or seventy degrees. With separator cream the last batch should be added twenty to twenty-four hours before churning and, as a rule, a little higher temperature should be used, say sixty-five to seventy-five degrees. If we use a "starter," sixty to sixty-five degrees may be enough.

When the cream is ripe, it should have a clean, pleasant acid taste and smell and a smooth, even, sirupy consistency so as to run evenly and smoothly from the stirring paddle and have a peculiar glossy surface.

Howard Co., Neb. Wm. Sorensen.



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"COHOES, N. Y., Sept. 14, 1906.

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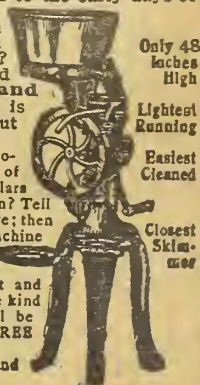
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COCKERELS, hens and pullets, \$3 and \$10 per doz. **Indian Runner Ducks and Buff Cochins** hantams.

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EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. **Wayside Farm,** Mt. Vernon, Iowa.

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WHITE Wyandotte hens,

scoring from 94 to 96, all yearlings. \$1.50 to \$3 each. **Mrs. L. M. Estes, Audubon, Ia. Route 2.**

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I AM offering a fine litter of puppies about 2 1/2 months old, from \$3 to \$7.50 each. Also two fine females about 1 year old.

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Puppies to trained dogs for sale at all times. Low prices and guaranteed. **S. A. Smith, Keosauqua, Ia.**

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RATN! My Scottish Terriers will make them git.

Very fine female puppies from recorded parents for sale. **S. W. Harr, Riverside, Iowa.**

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POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

DIFFICULTIES ABOUT HANDLING TURKEYS.

It is little wonder that turkeys are high in price when Thanksgiving time comes around. They run the gauntlet of so many woes that only an exceedingly small percentage of the poults hatched out ever reach the Thanksgiving dinner table.

But we have in mind at this time that semi-wild characteristic which is evidenced by the tendency on the part of old turkeys to stray away with their brood. We have no hesitation in saying that rural justices have had to deal with turkey cases more frequently than with any other subject. It comes about in this way: One neighbor loses a flock of turkeys. Weeks go by without any knowledge of their whereabouts. Some time during the fall it is learned that a distant neighbor, possibly miles away, has had a sudden addition to his flock of turkeys. You look the matter up and find such to be the case, but as your turkeys and his are the same color, how are you to separate the flocks? He may have fed them several weeks, and if such is the case, on what basis should the settlement be made?

Recently we had our attention called to a case where two old turkeys and twenty young ones strayed away. Two months later they were traced to the farm of another turkey raiser and were there found mixed with his flock. The original owner offered to give half the younger ones in payment for the trouble caused his neighbor, but this proposition was not accepted by the one who had boarded the turkeys. It was afterwards settled by the original breeder taking so much per head for the young turkeys, he being allowed to come into possession of the old ones.

In this instance the man who boarded the turkeys got the best of the proposition. He certainly was entitled to some remuneration for his trouble in caring for and feeding the turkeys, but was unreasonable when he refused to accept half of the young flock. Our opinion is that the man who lost the turkeys should have been willing to make a small cash payment for the board of his flock and been allowed to take all, providing it could be determined how many belonged to him.

On a question of this kind neighbors should be neighborly. You may be the fortunate one this year in having an addition made to your flock from your neighbor's, but next year the tables may be turned and you may be the unlucky one. We are glad to know that in the great majority of cases neighbors do not quibble on a matter of this kind, but return the young flock without asking any remuneration whatever. The ordinary rules that apply to trespassing live stock are hardly applicable in the case of turkeys, for the reason that it is sometimes almost impossible to identify or drive away from the premises the turkey intruders. In these days of telephones, however, it should not be a difficult matter under ordinary circumstances for the original owner to come into possession of his own very shortly after they have strayed away.

CORN AND MOLTING HENS.

The general opinion is that corn is not a good feed for molting hens, and yet some of our best poultrymen have been unable to establish the assumption. When molting is delayed until the nights are cool and possibly the days, it is well to have corn a part of the ration. Where molting has been delayed on farms it is safe to say that hens will get a good deal of corn and we have considered it a matter of doubt whether the kind of grain has much to do with the business, so long as the ration is properly balanced with oil meal, bran and meat. Oil meal should be a part of the ration the whole year round, but it will be found especially valuable at molting time. By the adoption of a mixed ration it will be safe to feed corn at molting time.

CULL THE FLOCK.

Culling is something that pays always. It pays almost any time of the year, but more especially just before poultry is to go into its winter quarters. It would

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Here is a book—yours for the asking—which should be in the hands of every progressive farmer in America. From cover to cover it is brim-full of facts of vital importance to you. It comes from the greatest independent telephone house in the world—the house that has been most instrumental in bringing the blessings of the telephone to hundreds of thousands of farm houses all over the land. It shows you how simple and easy and inexpensive it is to own a

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The result is that well known superiority which has made the **Sandwich** so justly famous. We make them in all sizes and styles and capacities—mounted and down, helted and geared. Farmers should insist on having their corn shelled with the **Sandwich** because it shells fast, saves time and the board of the "gang."

They shell clean and they clean the corn they shell clean.

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be better to keep fifty good hens and pullets than to keep one hundred and fifty passably fair ones. The expense of feeding would be less and the egg production proportionately greater.

One should cull so as to have only the best. No better time can be found than now to select the ones to be kept and others should be fed and pushed for the market. Strike a good market with some good stuff and it will be better than keeping a lot of fowls that will be losing one money all the time. Good flocks are maintained by a good system of culling as well as by a good system of breeding. Keeping only the best leaves one better each time and finally there will be fewer culls. At each culling, the flock will show up better.

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An unparalleled record of successful cures proves the superiority of Cancerol. Not an experiment, but the result of experience. Investigate for yourself—costs but a trifle. Write to-day for free book. Address **Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.**

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and fingers. Relieves strain on wrist and hand. You can husk rapidly and easily. If your dealer hasn't, it send 25c right off and learn how to enjoy husking more. Sent postpaid.

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via M. & St. L. R. R. one fare plus \$2 for the round trip to points in Minnesota, Dakota, Canada, tickets good twenty-one days. Also first and third Tuesdays, October and November to Montana, Washington, Oregon.

The M. & St. L. is "The Road that Runs" and trains leave Union Station, Des Moines, at 8:15 a. m. and 9:05 p. m. New electric lighted sleepers, all nice coaches. Call at City Ticket Office, 512 Walnut St., or address **W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., Des Moines, Iowa.**

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

GOVERNMENT HOG CHOLERA RECIPE.

There is a great deal of hog cholera in this part of the country and if you will kindly give me, through the columns of your paper, the government recipe for preventing hog cholera I will be much obliged.

The formula asked for is as follows: Powdered wood charcoal, one pound; sulphur, two pounds; sodium chlorid, (salt) two pounds; sodium bicarbonate, two pounds; sodium sulphite, two pounds; sodium sulphate, one pound; antimony sulphid, one pound. Mix together and give a tablespoonful for each 200 pounds live weight once or twice a day in slop.

SICK CHICKEN.

When any dog, cow or chicken gets poisoned from strychnin, through how many animals does this poison have fatal effect by eating the poisoned beast or poultry? Three months ago I poisoned gophers and my chickens strayed one-quarter mile away from home and I suppose found a poisoned gopher or mouse and since then they have been dying at times every week, caused by eating the dead chicken that died in the weeds. I bury all that I find dead. I buried six this morning. These chickens when sick go blind and cannot raise their heads up and will live from two to twenty-four hours before they die. Others get weak in the back and walk with legs wide apart. If they are not poisoned what is the nature of the disease and remedy for it?

We see nothing to corroborate your

fancy that the chickens have taken strychnin poison in any way. The disease would appear to be "roup." Burn dead chickens. Clean up, disinfect and whitewash the poultry house and see that the sunlight finds entrance to keep it perfectly dry. Mix five drops of pure carbolic acid in an ounce of camphorated oil and inject a little into the nostrils of affected chicken once daily by means of small oil can. A dead chicken should be opened for examination. If you do so we will be glad to have a description of any abnormal conditions detected.

SORE EYE.

I have a colt that got a hull or piece of chaff in its eye three weeks ago. The eye is inflamed and watery and there is also a white scum over it. It appears to be on center of eye ball. I wish to know what to do for it.

Foreign body must be removed by rendering the eye insensitive by dropping between lids a little of a 5 per cent solution of cocaine until the finger can be rubbed upon eyeball without animal flinching. Lids may then be turned back and chaff got at and removed. A strip of blotting paper run in under the haw will serve to remove anything under it. After removal of chaff simply keep a cold wet compress upon eye for a few days. It is much more likely, however, that the colt is afflicted with periodic ophthalmia regarding which many answers have been given of late in this department. See back numbers of the paper.

SICK STEER.

We had a load of two-year-old steers on feed last winter. They all took on flesh very rapidly until the 1st of January, when one of them showed signs of unthriftiness. He would not come to the feed trough unless driven, lost flesh, and coat was staring. He was somewhat stiff and would lie down almost continually. He was taken out of the feed lot and placed with stockers to be carried over. He moped around and seemed listless until new grass came, when for a few weeks he seemed to pick up. About two months ago we noticed a small swelling just back of the left fore shoulder. It has continued to swell and spread until now it reaches half way to the flank and well around under the brisket. The swelling is perfectly hard, with no apparent signs of pus. He is very thin, but has a good appetite. Can you tell me what is the matter and if anything can be done?

The probability is that the steer is tuberculous although the tumor may be due to a foreign body or to actinomycosis. Under the circumstances we would not consider it worth while to fuss with the case and steer should either be tested with tuberculin or slaughtered under veterinary inspection.

LEUCORRHEA.

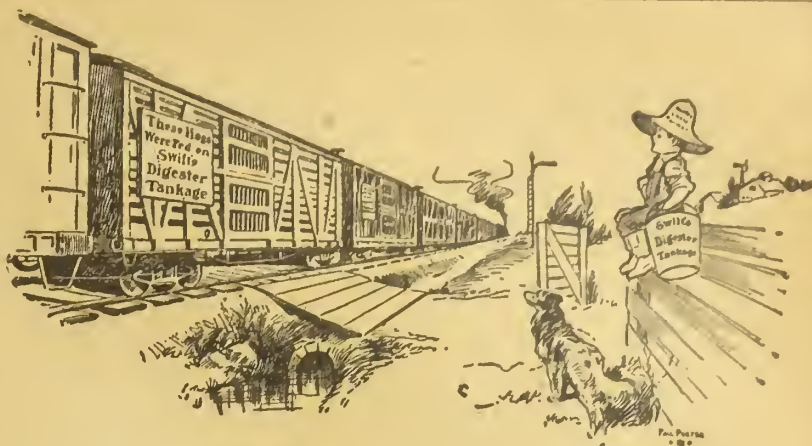
(1) I have some cows that do not get with calf. Some of them eject from the vagina a white substance and some viscid, colorless substances. What should I do for them? (2) What is good to keep proud flesh out of a wire cut on colt five months old?

(1) Once a week inject yeast mixture until the discharge ceases; then open mouth of womb when cow next comes in heat, use the yeast mixture again and have her served when period of heat is about past. The mixture is made by making a paste of a cake of compressed yeast with a little warm water; allowing it to stand in warm room for twelve hours, then stirring in a pint of luke warm freshly boiled water and allowing to stand as before when it will be ready for use and need only be injected into vagina after cleansing that passage by syringing with warm water. Any large syringe will suffice for the work. (2) Keep colt from biting part. So-called "proud flesh" is encouraged by much washing and rubbing of the wound. Simply wet the wound several times daily with a lotion composed of half an ounce of chlorid of zinc; one dram of hydrochloric acid and two ounces of sulphate of zinc in a pint of water. Label the bottle "poison."

EYE DISEASE OF SHEEP.

I have a flock of sheep which have sore eyes. The trouble first appeared about eighteen days ago. One (a ram) appeared to have a film over one eye. In a few days the other eye was affected and in about four days he was totally blind. One eye seems to be getting better, but the other I think is blind. Four or five in the same flock are now in various stages of the trouble. It does not appear to give them much pain or inconvenience, except that they can see but very little or any, depending on the stage of the disease. I have another flock that is all right so far. The diseased sheep are not running about hay or straw and have no chance to get any foreign matter in their eyes that I know of.

The disease is in nature practically the same as that afflicting cattle and so often spoken of here under head of "contagious ophthalmia." Separate the well from affected sheep. Sponge eyes of well sheep several times a week with a 2 per cent solution of boracic acid and daily should any signs of the disease appear. Treat sheep now affected by puffing a little of a mixture of equal parts finely powdered calomel and boracic acid



They ship well

Hogs weak in Bone and Muscle cannot reach market in good condition. They find slow sale. Hogs fed entirely on corn are usually poor shippers. Not so, hogs fed on Swift's Digester Tankage.

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that make a horse Wheeze, have Thick Wind, or Choke-down, can be removed with

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between eyelids each other day. Where the eye has become opaque and inflammation subsided paint once daily with a solution of two grains of nitrate of silver in an ounce of distilled water.

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Twenty miles to competing towns on other lines. Six elevators, three lumber yards, sixty buildings in course of construction; will have 2,000 people in a reasonable time. Country all settled. One million bushels of grain to be marketed.

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Just platted. Lots at private sale. One million bushels of grain to be marketed. Country all settled. In James river valley. Town will have 1,000 people soon; cash pay-

ment when one hundred lots are sold for occupancy.

CRESBARD, FAULK COUNTY, S. D. Just platted; twenty miles to competing towns on other lines. Six hundred thousand bushels of grain to be marketed. Country one-half settled. Lots at private sale. No line of business to be overdone. Town will have 1,000 people in a short time.

Thomas A. Way, Town Site Agent, Minneapolis & St. Louis Railroad Co., Aberdeen, S. Dak.

CHEAP RATES TO PACIFIC COAST.

Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for particulars or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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Made of Trinidad Lake Asphalt—the greatest natural waterproofer known.

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Genasco remains absolutely unaffected by the hottest sun, the severest cold, or the most searching wind, rain or snow, and protects your property longer than any other roofing.

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Write us for Book N and samples. Ask your dealer for Genasco Ready Roofing.

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Save your grain from rats. The worst "rat holes" have been cleaned out by **Rat Bis-Kit**. "Gets them all"

Carried into hole where all get it. Keeps for months; if rats return, what remains destroys them. Statistics show that the grain and produce destroyed each year by rats, averages in value, twice the amount paid by the farmer in taxes. Stop this leak. Ready for use. At all Stores. 15c. a box. If you can't get it, send us 25c. for 1 box or 60c. for 3 boxes, express prepaid, enough to kill all the rats you ever had. **THE RAT BISCUIT CO., Dept. F11 Springfield, O.**

TRY THIS MILL

10 Days Free.

I will send any responsible farmer one of

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Latest Double Cut, Triple-Geared Ball-Bearing Feed Grinders

On Ten Days Trial—No Money In Advance.

If it does not grind at least 20% more ear-corn or other grain than any other two horse sweep mill made, send it back at my expense. Don't miss this offer. Ball-bearing throughout. Only 10¢. sweep. Light draft. Grinding rings never touch each other—they last for years. Both grinders revolve, self-cleaning. Ask for new Catalogue.

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\$4 Hog Trough for \$1.75

HERE IS the strongest, best and most durable hog trough ever made—18 inch thick Bolter steel, four times as thick as ordinary sheet iron. 8 ft. long x 13 inches wide x 7 inches deep. Weight 40 lbs. Write for free circular and catalog fully describing this trough. Every owner of hogs should write us. Write today. **F. K. HOWES & CO., 698 W. Lake St., Chicago, Ill.**

2941 Hidden Name, Friendship, Silk Prize Envelope and all other kinds of CARDS and Premium Articles. Sample Album of Finest Cards and Biggest Premium List, all for a 2 cent stamp. **OHIO CARD COMPANY, CADIZ, OHIO.**

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

FAT AND PARTIALLY FAT SHEEP.

It is altogether probable that many stock men will feed sheep this fall for the first time, and they may not be acquainted with all the conditions leading to the best and most promising situation in feeding lines. The first thing to determine will be what to buy. Will it be thin sheep, or those that carry more flesh? Thin sheep will gain more than fat ones, the general thrift of the two classes being equal. Thin ewes will gain from one-fourth to one-third more than those in good flesh, and this probably explains why the thin, good-mouthed ewes are sought more than those in a better condition. It is a well-known fact among sheep feeders that females finish much more quickly than males, although thin two or three-year-old wethers will make rapid gains.

We have said that thin sheep will take on flesh faster than the sheep that is in good order, and we may say that it will require more time to finish them than those that are partially fat. Young lambs usually require more time to finish than older sheep, because they grow considerably under fattening conditions before they begin to finish. Old western sheep are harder than lambs, and this will hold true in the field as well as in the feed lot. Older sheep are not nearly so liable to gorge themselves on green feed or so liable to over-eat while in the feed lot.

The feeder should make up his mind that when he is feeding thin sheep it will be necessary to feed them a long time. If sheep are to be fed only a short time, they should be partially fat when purchased. Thin ewes can be started by turning them in corn fields, grazing them on good pasture and by feeding fodder.

MISSOURI SHEEP BREEDERS' ASSOCIATION.

In response to a call for a meeting of the sheep breeders of the state to effect an organization, a meeting was held in the live stock pavilion at the fair grounds of Sedalia, Mo., during the fair, which was attended by prominent sheep breeders from many parts of the state. After a full discussion of the possible benefits of organization a motion was unanimously adopted to form the Missouri Sheep Breeders' Association and the following named officers were elected, all for one year, except secretary-treasurer, who was chosen for two years: President, Arch T. Grimes, Greenwood; vice-president, J. W. Boles, Auxvasse; secretary-treasurer, M. V. Carroll, Sedalia; directors: W. W. Waltaire, Raymore; S. C. Haseltine, Springfield; H. R. Brasfield, Unionville; John A. Rankin, Tarkio; W. F. Cooper, Windsor, and L. V. Henser, Deerfield.

The by-laws adopted provide a membership fee of \$1 per year and the officers were instructed to make energetic effort to enlist the active support of the sheep breeders throughout the state and to have the association represented at the annual meeting of the Improved Live Stock Breeders' Association at Columbia in January.

Chandler Bros., of Kellerton, Iowa, and Lewis Bros., of Camp Point, Ill., attended the meeting and were elected honorary members of the association.

DOCTOR CURED OF ECZEMA.

Maryland Physician Cures Himself—Dr. Fisher Says: "Cuticura Remedies Possess True Merit."

"My face was afflicted with eczema in the year 1897. I used the Cuticura Remedies, and was entirely cured. I am a practicing physician, and very often prescribe Cuticura Resolvent and Cuticura Soap in cases of eczema, and they have cured where other formulas have failed. I am not in the habit of endorsing patent medicines, but when I find remedies possessing true merit, such as the Cuticura Remedies do, I am broad-minded enough to proclaim their virtues to the world. I have been practicing medicine for sixteen years, and must say I find your Remedies A No. 1. You are at liberty to publish this letter. G. M. Fisher, M. D., Big Pool, Md., May 24, 1905."

LOW RATE EXCURSIONS.

The Missouri Pacific Railway and the Iron

The Reason You Don't Have To Paint Amatite ROOFING

It's all in the top surface. We could show you better if you had a sample in your hands. But the enlarged diagram of Amate shows it pretty well. The mineral surface you see there takes the place of paint and coating. It makes that extra expense unnecessary. It saves both time and money.

Lay Amate and that is the end of your roofing troubles. When you lay the ordinary kinds, your

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PITCH COMPOSITION
WOOL FELT
PITCH COMPOSITION
WOOL FELT



ENLARGED SECTIONAL DIAGRAM

roofing troubles begin. You have to paint or coat them every year or so. Their expense soon amounts to as much as the original cost of such roofings.

Amate costs less than the other kinds to buy, and it costs nothing whatever to maintain. Amate is the kind of roofing you want. The kind that is naturally waterproof. Amate does not have to hide under a coat of paint in order to give good service. It is made to take the brunt of any kind of weather under any kind of conditions.

Send for a Sample and examine the mineral surface for yourself. You will see at once that it is the only kind worth having. We will send a Sample free on request. Address nearest office of

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A Knox Big Grinder

Will Make \$6.00 a Day for You



THERE'S nothing like it for a neighborhood feed grinding proposition.

You know lots and lots of your neighbors grind their feed—rather they take it to the custom mill and have it ground.

If you have a fast grinding mill like the Big Knox you can get nearly all that trade that passes your place.

No trick at all to get it if you go after it, and can take care of it. They pay the town miller 3c to 5c a bushel. You might as well have that.

Mr. B. C. Bennett, Ashawa, Iowa, writes: "I can grind 50 bushels shelled corn per hour with my Knox Big Grinder. Made \$6.00 in 5 hours grinding for my neighbors."

You or anybody else can grind your 50 bushels an hour—easily.

Just figure a little. Suppose you charge the lowest price, 3c a bushel. That's \$1.50 an hour. Grind 4 hours, and you've made your \$6.00.

The neighbors will easily keep you busy that much of the time. And the four hours don't break into your day so very badly either.

Western Harness and Supply Co., Box 53, Waterloo, Iowa.

Now or Never

same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, **F. C. THACKABERRY,**

No. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Ewe lambs at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same Ram for sale, 130 to 175 lbs. weight. Herd Boar 81697, by Chief Perf. 2d 42559 also took 2d at same fair. **FAIRVIEW STOCK FARM, TAMPIO, ILL.**

COTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my supported Percherous, English Shires and Belgians stallions at \$1,000 each. **A. LATIMER WILSON, CRESTON, IA.**

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th. **GEORGE ALLEN, LEXINGTON, NEB.**

GOATS FOR SALE.

POLLED Angoras, does and bucks. Must be sold at once. **S. S. McKIBBEN, DesOTO, IA.**

FOR SALE Six very fine Angora does and one Billy; also a very fine Scotch Collie dog six months old. **B. F. RICHARDSON, DUBUQUE, IOWA.**

OXFORD DOWN rams and ram lambs and ewes, sired by a 350 pound ram, for sale. **John Graham & Sons, Eldora, Iowa.**

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

HOMESSEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in

Make Your Own Stock And Poultry Foods

AT ONE CENT A POUND.

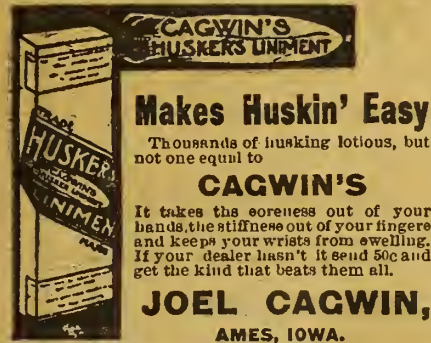
A Subject of Interest to All Feeders.

EXPERIMENT Station Bulletins are unanimous in their claims, based on many careful tests, that a good tonic or Stock Food is both profitable and positively necessary to the feeders of today, but the great objection is "they cost too much." "Should be bought for about one-half of the usual price," Farmer's Bulletin 73 and 144, Dept. Agt., Washington, D. C., show how Stock Foods are usually made, using about 90 per cent cheap "filler."

You have a good "filler" of your own. We give you here a formula proven and guaranteed as **The Best Stock Food Ever Known.**

Formula:
50 lbs. Common Bran, Chop or Meal.
5 lbs. Common Salt. Mix and add a 50 cent package of Arabian Stock Food Tablets. Costs you only 50 cents for 50 lbs.

Arabian Stock Food Tablets are made from the seeds of wild flowers—the most reliable remedies known to medical science—reduced to extract form for economy. Send 50c to The Be-Saw Chemical Co., 835 Schofield Bldg., Cleveland, O., for Trial Order (sent prepaid and guaranteed) including a Co-operative Advertising Certificate good for a free order and other premiums in return for recommending the Tablets, if you like them.



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Makes Huskin' Easy

Thousands of husking lotions, but not one equal to

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It takes the soreness out of your hands, the stiffness out of your fingers and keeps your wrists from swelling. If your dealer hasn't it send 50c and get the kind that beats them all.

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85c and up. HEATING STOVES

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Air Tight Heaters, \$50 to \$65.00; Cannon Stoves, \$1.85; Box Stoves, \$2.75; Round Oaks, \$3.65; Hot Blasts, \$6.90.

Send for Free Stove Catalogue No. 60, showing over 50 Styles of Heating and Cooking Stoves and Ranges.

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Announcement.
The Originator of the Combination Oil Cure for Cancers and Tumors says that under his present management, the chances for a cure are far better than ever before. Write for a free book to Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

PILES cured. Most cases get well after one application of medicine without pain one hour, then go about your work. No matter how bad or long standing your case, you should go on and take this treatment. No knife or scissors used. Pay when cured. Examination free. Dr. J. C. McLaughlin, 351 Junction Bldg., Kansas City Mo.

TREE MEN WANTED To represent us in Iowa and adjoining states. Good winter's job and steady employment for 200 honest hustlers. Outfit free. Liberal terms. Pay weekly. Reference required. Des Moines Nursery Co., Des Moines, Iowa.

CHOLERINE Not only prevents, but will cure cholera and cholera, cholera, roupe, lice, ulcers, etc. Sold on a positive guarantee. Money returned if not satisfactory. Per box by mail \$1. Agents wanted. Cholerine Co., 301 Junction Bldg., Kansas City, Mo.

INVENT "HOW AND WHAT TO INVENT" and "HOW TO OBTAIN PATENTS" explained FREE. CHESTER W. BROWN, Patent Att'y., 906 F St., Washington, D. C.

PILES cured at home, half usual cost. No cutting. No pain. No pay till cured. Best treatment on earth. Write for book references and positive guarantee. O. Broyles, M.D., Sanitarium, Ludlow, Mo.

\$80 A Month Expenses advanced. District Managers to travel and leave samples at stores. People's Supply Co., Dept. B. 33, 61 Plymouth Pl., Chicago.

WANTED A COMPETENT MARRIED MAN to work on a stock farm, must be a practical hog raiser and good all around man. Address, T. S. Cartwright, Marshalltown, Iowa.

When writing to advertisers please mention this paper.

DAY BY DAY

Agricola

The weather turned suddenly cold, and overcoats became common. It is fine on the late corn, of which we had a couple of acres.

It will turn out with the April planted, and be just as sound. Corn, we are told, has dropped in price to thirty cents. We shall have none to sell at that price.

The land cost us upwards of \$100 an acre and we would like to make interest on the investment and pay for the labor of growing and harvesting it.

This can be done easily by feeding it to our own stock. Hardly a day passes but that cattle and hogs are shipped from the nearby depot.

Well-ripened corn would hardly heat to hurt as cool as it is. We will gather slowly for a while yet.

Now is the time to lay down and cover with dirt the tender grapes, such as the Agawam, and varieties from California. We have them and find that it pays to be careful with them.

The old saying holds good; that is, if we "take care of the little things, the big things will take care of themselves." Experience proves the saying true.

A good way to keep fowls at home is to feed them generously. None of us like to be overrun by our neighbors' poultry. We do not, at any rate.

It would require the patience of a Job to have a neighbor's chickens foraging at our kitchen door. We think Job himself would have kicked up a row had his "comforters" infested his dooryard with their Plymouth Rocks.

The madam says that the apples which have been gathered are taking the rot. Bad luck to the rot!

These frosty nights are hard on the pumpkins. We shall gather ours and cover them with straw and fodder. Also we will fill two or three boxes in the barn.

The madam boils pumpkin and feeds it to the fowls. It is surprising how much half a hundred hens will make away with. It keeps them thrifty and she says it helps them to molt. This is the time of the year when the bid-dies are attending to that chore.

It is a good idea to have our coal in the coalhouse early and thus give it a chance to dry out. Coal just dug won't burn very well. Agricola is laying in for winter both wood and coal.

In winter we are very anxious to have a quick fire.

Talk about the "golden tints of autumn." It is all bosh. Around us the trees are shedding green leaves, apples, elms, cherry, and mulberry. All seem to be of the same notion; all are shedding green leaves.

The poets have lots to do in such things. They would make nature a fright, did they have their way.

October 12th. The weather is warming, and the change is welcome. Corn which was planted in April is in good shape to gather. We did shuck a load yesterday. By scattering it carefully over the surface of the crib it will keep well. This method we have followed for years.

As we husk we select the extra good ears and hang them up for seed. The Hoosier's wife who advised her husband that while he was buying land "to git a plenty," was a good adviser. This advice would be appropriate in saving seed corn.

A neighbor of ours last year planted his fields twice because of faulty seed. He must have felt cheap while at it the second time. He had forty acres to replant.

While we have been having frosty weather in Iowa they have been having heavy snows in New York and Ohio.

Lots of public functions go on in the autumn besides politics. The women are

Genuine 1900 Washer Now \$5.50

10¹/₂ Cents a Week for 1 Year or 46 Cents a Mo. for 12 Mos.

Guaranteed 4 Years

YOU can now—for the first time—get a genuine 1900 Washer for only \$5.50. This is less than is asked by any other reputable concern for any kind of a washing machine. This low price is now made possible by my new manufacturing process. Other washing machines are only imitations of mine. My 1900 Washers are the original—the only genuine washers. All others are imitations. They can't be anything else, because the "1900" was not merely the first, but for years was the only washer of standing made. I sell more washers than all the other concerns put together. Half of every dozen up-to-date families in this country own a 1900 Washer. With spring motor power and oscillating rotary action, working on roller bearings, my "1900 Home" Washer runs easier and gives better satisfaction than washers made by any other concern. My washers force twice as much water through the clothes—do the work twice as fast—do twice as much work—and in just half the time it takes to wash with other washers. My 1900 Home Washer washes cleaner, better, and with less soap, than any other washer costing anything like this price—which is only \$5.50. I guarantee every part for 4 years. My 1900 Home Washer will not injure the finest lace, and it will wash the heaviest blankets, rugs and carpets. It positively does not wear out your clothes; which alone enables it to save you its cost in a few months. Washing made quick, clean, easy.

MY WEEKLY PAYMENT OFFER

Get this out and mail it to me. Or—on a post card or in a letter, say "Send me Your New 1900 Washer Offer" and you will receive by return mail, FREE, the most liberal washing machine offer you ever heard of or read about. I'll ship my washer to any responsible party on their request, without a penny of cash, and let you pay me for it—so much a week or so much a month—until the washer is paid for. Pay me out of what it saves for you, by doing your washing quicker and easier than any other washer and saving wear and tear on your clothes. Write me now. R. F. Fisher, Manager

1900 WASHER CO. 124 Henry St. BINGHAMTON, N.Y.

having a big one here now. Missouri and Iowa women.

The Graham Short-horn Sale.

The sale of Mr. J. H. Graham, at Spencer, Iowa, on October 11th, brought out a good crowd of breeders and farmers, and the entire offering was disposed of at an average of \$90. There were a lot of good cattle in this sale, and they were presented in nice condition. The top price was \$150 for the two-year-old bull, Scotchman of Meadowdale, and he was purchased by Messrs. Baker Bros., of Britt, Iowa. There never has been a more uniform lot of cattle sold in northern Iowa, and those who attended the sale were well pleased with the character of the cattle sold. Col. F. M. Woods never worked more faithfully than he did in this sale, and he exerted every effort to get the worth of the cattle. Below is a list of those selling for \$100 and over:

COWS.	
Pansy, three years, F. H. Black, Spencer, Iowa.....	\$135
Dora, four years, B. F. Felt, Spencer, Ia.....	135
Eva, four years, F. A. Schaefer & Son, - Raleigh, Iowa.....	155
Duchess 2d, three years, Chas. Lowe, Fostoria, Iowa.....	160
Lassie's Athene, one year, F. A. Schaefer & Son.....	105
Bettie, three years, F. H. Black.....	100
Nettie, two years, Chas. Lowe.....	105
Josephine's Mysie 2d, three years, F. H. Black.....	100
Queen of Scots 2d, three years, Doty Bros., Fostoria, Iowa.....	110
Queen of Scots 3d, one year, Claus Johnson, Rolfe, Iowa.....	120
Mamie, nine years, W. J. Gillette, Fostoria, Iowa.....	100
Rowena, four years, Fred Barth, Everly, Iowa.....	105
BULLS.	
Scotchman of Meadowdale 264827, two years, Baer Bros., Britt, Iowa.....	150
Aberdeen's Duke 263372, two years, Frank Strive, Hartley, Iowa.....	100
Lulu's Best 263377, one year, James Anderson, Fostoria, Iowa.....	100
Earl of Meadowdale 263375, J. Graham, Cumming, Iowa.....	100

The Podendorf Sale.

On October 12th Mr. A. J. Podendorf, of Logan, Iowa, sold Poland Chinas at Council Bluffs and a good attendance of breeders were in evidence. Mr. Harvey Johnson sold a yearling boar in the sale which went to Mr. Frank Kauf, Winside, Neb., at \$77. The sale was not characterized by any high prices, yet an average of \$28.51 was made on thirty-six head. A great many sales have been pulled off at this point, and the local buyers had already been supplied. Below is a list of those selling for \$25 and over:

No.	Price.
1 Sow (substitute), Frank Kauf, Winside, Neb.....	\$ 40
2 Sow, A. Nickol, Jr., Bradshaw, Neb.....	55
3 Sow, H. R. Parker, Silver City, Ia.....	55
4 Sow, Jno. H. Brass, Blair, Neb.....	36
5 Sow, Frank Kauf.....	45
7 Sow, A. E. Dunlap, Marengo, Iowa.....	45
8 Sow, H. R. Parker.....	25
12 Sow, A. E. Dunlap.....	51
13 Boar, Jake Brass, Blair, Neb.....	37
17 Sow, Harry Brakeman, McClelland, Iowa.....	25
18 Boar, H. R. Porter.....	36
19 Boar, H. J. Underwood, Council Bluffs, Iowa.....	23
20 Sow, A. E. Dunlap.....	40
28 Boar, Andrew Whiting, Vail, Iowa.....	26
31 Boar, M. L. Lenhart, Arlington, Ia.....	34
34 Boar, C. Mark, Neola, Iowa.....	30
35 Boar, Jake Brass.....	25

Erschen's Duroc Sale.

The excellent weather for corn shucking and the Grundy County Fair kept many breeders and farmers from attending the sale of Mr. Frank M. Erschen, of Odell, Ill., which was held on Thursday, October 11th. Those present, however, secured good stock at prices which will permit them to realize good profits. Mr. Fred Schweizer, of Elwood, Ill., topped the sale, securing an extra good sow at \$40. Mr. J. G. Norton, of Elwood, secured a nice gilt at \$36. Mr. C. R. Souers, of Piper City, Ill., also secured a nice gilt at \$36.50 and was a liberal bidder throughout the sale, as were the gentlemen mentioned above. Colonels Reppert and Kell conducted the selling in a satisfactory man-



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"I am writing this," says E. C. Parmelee, Highlands, N. J., "by the light of one of your Angle Lamps. In fact, I would not think of using any other light. They are THE lamps. Every one who has seen mine is impressed with them. Why, I have saved at least 20 times their cost in oil, burners, chimneys, and 'cuss words.'"

The Angle Lamp is not an improvement on the old-style lamp, but an entirely new principle of oil lighting which has made common kerosene (or coal oil) the most satisfactory of all lighting methods. Safer and more reliable than gasoline or acetylene, yet as convenient to operate as gas or electricity.

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ner. Below we give a list of animals selling for \$25 or over:
Sow, Fred Schweizer, Elwood, Ill..... \$30.00
Boar, Fred Germant, Odell, Ill..... 27.50
Boar, Frank Cleary, Odell, Ill..... 28.50
Sow, Fred Schweizer..... 40.00
Sow, J. G. Norton, Elwood, Ill..... 36.00
Sow, Fred Schweizer..... 26.00
Sow, W. J. Taylor, Dwight, Ill..... 35.00
Boar, J. G. Norton, Elwood, Ill..... 25.00
Sow, C. R. Sowers, Piper City, Ill..... 36.50

The Broughton & Green Sale.

The Hereford sale of Messrs. Broughton & Green, of Lake View and Early, Iowa, was held on the farm of Mr. Broughton, on October 11th. Mr. Broughton's cattle came up to the owner's expectations in the prices realized, though a little bad luck which Mr. Green experienced some time before the sale cut down his average. A few of his calves were lost during the hot weather, and because of this buyers seemed to be a little backward about taking hold of the cows, the fear being that they were not breeders. This was a mistaken belief, however, and every buyer got full value for his money, as the cattle were all a healthy lot. Prices ranged from \$50 to \$200, the total sale amounting to \$3,408.50. Among the buyers were Messrs. A. Armstrong, Lake View, Iowa; Louis Dettmerman, Carroll, Iowa; B. Broughton, Lake View, Iowa; Hood & Baker, Dunlap, Iowa; L. A. Cleveland, Lake View Iowa; W. H. Leslie, Auburn, Iowa; J. J. Yender, Early, Iowa; Mox Peters, Lake View, Iowa; G. H. Swelter, Lake View, Iowa; J. J. Toop, Auburn, Iowa; Baxter Bros., Galva, Iowa; A. W. Laport, Lake View, Iowa; Wm. Campbell, Gilmore City, Iowa; J. C. Barnes, Storm Lake, Iowa; Jas. Hartigan, Soldier, Iowa; Andrew Johnson, Dayton, Iowa; J. T. Grabner, Breda, Iowa.

NATIONAL DUROC JERSEY ASSOCIATION MEETING.

The annual meeting of the stockholders of the National Duroc Jersey Record Association was held last week at the American Royal. The following officers were chosen for next year: C. E. Pratt, Frankfort, Kan., president; H. C. Sheldon, Peoria, Ill., secretary; L. H. Roberts, Patton, Iowa, treasurer. The following were chosen members of the executive board: T. L. Williams, Dawn, Mo.; H. F. Hoffman, Washta, Iowa; E. Z. Russell, Blair, Neb.; C. W. Seybold, Horace, Ill.; L. A. Larson, Vermilion, S. D., and D. W. Brown, Union City, Ind.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Selecting Seed Potatoes.

To the Editor of The Homestead:

Many of your older readers remember the old Peachblow potato which was in its time the greatest potato grown. It has long since "run out," however, and the younger generation knows it only by its history. The Early Rose of our boyhood days is now almost a thing of the past, and many strains of the Early Ohio, a much younger variety, have grown so poor as to place its name in bad repute.

Everyone understands that a variety of potatoes may be expected to "run out" after a time, and many farmers religiously "buy their seed" every few years to "renew their stock." In fact, this fallacy of buying new seed has been carefully cultivated from some source, though the results from such frequent changes cannot but be disappointing as often as otherwise.

Scientists tell us that a given strain of potatoes will eventually run out the same as any other plant which is grown from cuttings, and that we must then go back to the seed, not new seed potatoes, but to the potato seeds which grow on the plants above the ground for a new supply. But by exercising a little care and judgment any potato grower may not only greatly delay this final senescence of his favorite varieties, but may very materially increase his yield as well. I wish to make plain a few of the principles on which these results depend.

In the first place (and most important), like begets like with few minor variations. If a potato (or an eye) from a weak plant is planted, the result will be a weak growth and a light product. Potatoes do not mix by breeds; hence we may expect a given hill to resemble very closely the characteristics of its only parent, its immediate predecessor. If a potato is planted from a hill which yielded a good number of large potatoes the result will be a similar yield, and this whether the tuber planted was the largest or the smallest in the hill. On the other hand, if the only large potato in a weak or poor hill is planted the product will run small or poor; that is to say, if a hill contains five potatoes weighing a pound each and one weighing four ounces, and another hill contains only one potato weighing eight ounces, the four-ounce potato from the good hill will produce more if used for seed than will the eight-ounce potato from the poor hill.

From this it will be seen that the value of the seed does not depend upon the size, but upon the nature of the hill

from which it has been taken, and that if the seed is chosen from the best hills the yield will be increased and the life of the variety prolonged.

It may seem from what has been said that small potatoes may as safely be chosen for seed as large ones, since strong hills produce some small potatoes and weak hills usually produce some of fair size.

This is not true, however, neither is the reverse. The greatest harm to any variety comes from repeatedly using small potatoes from seed. Every new variety of potatoes comes from the product of a single plant. The eyes of this first hill vary in strength, and soon some begin to fail, marking the fact by the greater number of small potatoes produced. Some are damaged by disease, as scab, etc., and never recover their former vitality. Others are starved for many generations on poor soil until their vitality is injured. All these evidence their weakness, not by yielding all poor potatoes, but by producing an ever increasing percentage of small ones.

In the meantime the offspring of the strong, vigorous eye which has met with no misfortune goes on year after year producing large, healthy tubers similar to those produced by the original mother plant. What is thus taking place in regard to the different branches of the great variety family is taking place year after year in any field of potatoes, though all the seed planted eventually came from the same eye. Even in a given hill there is difference and the eyes on one potato vary to some degree in strength.

Hence it will be seen that in selecting the small potatoes for seed year after year, the chance for selecting the product of weak hills will increase and the chance for selecting the product of strong hills will decrease. Thus in time the chance for a strong potato to be used for seed will become very remote, and the variety will have come to an untimely end through the erroneous method of selecting seed.

We are thus led to what appears to be a difficult task—the selecting of really strong hills for seed. And it might be difficult had not some one hit upon the fortunate experiment of looking for the best potatoes in the hills having large vines with thick stalks. So universally were such hills found to approach the ideal of the variety that the theory was developed that such hills are strongest in productive and reproductive power and in vitality. Experiment has proven that the theory is correct.

It simply remains, then, for the grower to select the strong, healthy-looking vines and save their product for seed. Nor is it altogether necessary to select these seed hills in the growing season. So strongly is this mark of reproductive vigor stamped that when one has learned to look for it he may go into a field at digging time and by selecting



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hills having strong, thick stalks and using their output for seed with assurance that he is choosing proper parentage for vigorous and productive future generations.

Franklin Brown.

Polk county, Iowa.

Ed Holmes' Dispersion Sale.

The dispersion sale of Poland Chinas at Bedford, Iowa, on October 27th, made by Mr. Ed Holmes, made an average of about \$30. Forty head of the tops averaged \$40, but the smaller stuff did not help to keep up a high average. Below is a list of those selling for \$25 and above:

No.	Price.
3. Robertson & Wade, Maryville, Mo.	\$29
5. E. E. Leighton, New Market, Iowa	35
10. H. B. Moats & Son, Villisca, Iowa	43
14. P. C. Miller, Conway, Iowa	70
15. J. Clark, Gravity, Iowa	30
16. George Edgerton, Gravity, Iowa	30
17. E. E. Leighton	41
18. Chilcote Bros., Conway, Iowa	31
19. J. C. Steves, Gravity, Iowa	27
20. P. C. Miller	30
22. Chilcote Bros.	30
31. George Edgerton	33
32. J. C. Steves	30
33. C. Q. Miller, Conway, Iowa	50
34. A. B. Wakeman, Bedford, Iowa	42
35. J. W. Pfander & Sons, Gravity, Iowa	56
J. L. Bishop, Bedford, Iowa	36
46. Same	35
47. J. C. Steves	27
49. Same	27
50. Same	25

BOARDS.

1. P. C. Miller	65
2. George Dugan, Bedford, Iowa	33
11. George Hamm, Tulon, Ill.	35
28. Frank Wakeman, Bedford, Iowa	40

The Dickens Angus Sale.

The combination Aberdeen Angus sale at Dickens, Iowa, on October 10th, made by Messrs. Wm. Hansen, Wm. Minier and others, brought out a good crowd, and the forty-eight head averaged \$77. The cattle were right off pasture and there was considerable young stuff in the sale. Col. Silas Igo cried the sale. Those selling for \$100 and over are as follows:

COWS.	
Osceola Aurora, seven years, H. Goedicke, Spencer, Iowa	\$110.00
Osceola Maggie, five years, James Williams, Marcus, Iowa	125.00
Queen of Cherokee 9th, two years, W. H. Jones, Quimby, Iowa	155.00
Lady Queen, eight years, Laurence Dickens, Dickens, Iowa	100.00
Cottonwood Rarity, six years, Mrs. A. A. Atwood, Spencer, Iowa	120.00
Abness of Cherokee 2d, three years,	

CANCER, TUMOR, ULCER,

SORES and all Skin Diseases successfully treated by The McLaughlin Painless remedy. Most cases get well after One Application of the medicine on the disease for one Hour without PAIN, then go about your work. No matter how bad or long standing your case, you should go at once and take this treatment, the most wonderful medicine known in the World for Cancer & Tumors. Abundant proof and advice free. Dr. J. C. McLaughlin, 351 Junction Bldg., Kansas City, Mo.

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WANTED Salesmen to introduce the world's wonder in fruits. Burlank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. N. H. Adams & Son, Decatur, Iowa.

SAVING shrink is saving money. Use "Thornhill's S Anti-Shrink." Enough for four cars for \$5. E. C. Thornhill, Joy, Ill. No agents.

James Williams	122.50
Maplehurst Nosegay, four years, James Williams	132.50
Pine Tree Gem, three years, H. Goedicke	125.00
Kate Knight, two years, Mrs. A. A. Atwood	165.00
Grace of Mohawk, two years, Pete Osborn, Dickens, Iowa	112.50
BULL.	
Ash Grove Duke 86254, one year, Aurie Groth, Spencer, Iowa	153.00

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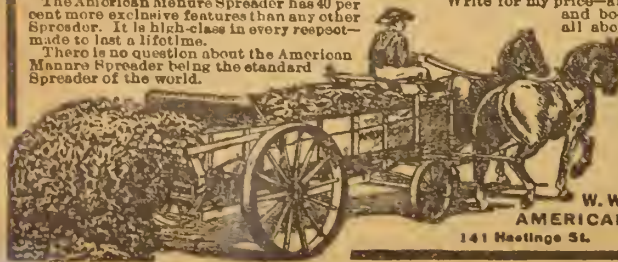
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Write for my price—and write for my catalogue and booklet. They will tell you all about the American Manure Spreader and give you a lot of good information on the question of fertilizing—a question that every farmer is interested in and wants to know all about. I will write me today on a postal card. I will see that you get our book and my special price at once.

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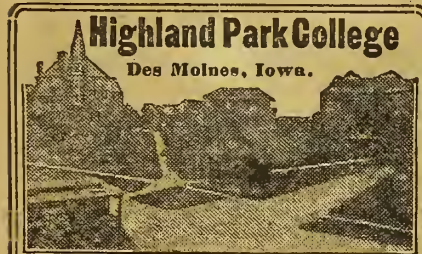
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this department should be addressed to Postoffice
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AMONG OURSELVES.

Men have always been made cordially
welcome in this circle, but for some rea-
son until recently it has only been occa-
sionally that the men have taken part
in our meetings. I feel sure that I speak
for the majority of our circle in saying
that we hope the men will keep on com-
ing—keep on speaking. With this little
preamble allow me to introduce "A Bach-
elor."

I am a new reader of the Home Depart-
ment. I am more than pleased with it.
Among Ourselves are some very interesting
letters, such as Mrs. Juanita, Sister Anna
and a number of others. Aunt Ruth has
surely had her share of criticism. Then next
comes Mrs. Ed. Streeter with some questions
for the gentlemen to answer. I am only one,
therefore I can answer for one only. Also I
am only a bachelor, with very short experi-
ence. My answer may not be satisfactory.
I do not have contempt for women just be-
cause they are women. I respect women very
much. I am always pleased when the wives
call with their husbands to make me a visit,
as they sometimes do. There are a number
of reasons men don't like to go to church.
Sometimes I don't like to go because I have
no lady friend to go with me; other times I
have so many chores I can't get off in time.
One reason I might growl if the women want-
ed me to clean the mud off my boots before
going into a clean kitchen is I am not used
to the kitchen being clean. I usually have
a place for my hat, boots, etc. Should I find
it occupied by a bonnet, apron or overshoes,
I would probably drop my hat near by, as
most men know if they put their hat in a
new place it is lost when they want it. If I
should find my harness, tools, and feed basket
scattered over the farm I surely would try
to find out the cause, as I have done before.
Then I would keep them where the pup, cows,
hogs or children could not get them. I have
endeavored to answer Mrs. Streeter's ques-
tions as far as my experience goes. In re-
turn I will ask the lady friends a few ques-
tions. Why do some women think that men
have contempt for women just because they
are women? Why do some women have a
contempt for a man just because he is a
bachelor?

Next week we shall have a further re-
ply to Mrs. Streeter's questions from a
man of a different type.

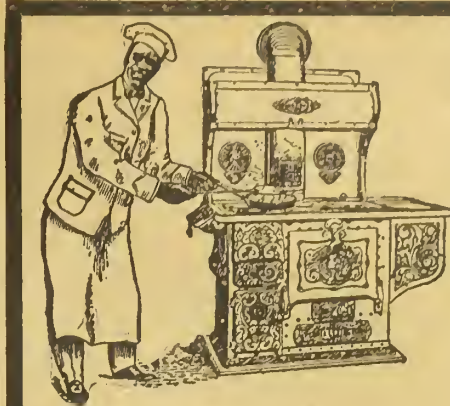
A woman who has seven children
should be wise in many directions and
have many things to tell which are worth
our hearing. It is "A Mother of Seven"
who is our next speaker:

When I read some of the letters in answer
to Aunt Ruth and about large families, I
could not rest until I looked up the papers
and read the others. I am the mother of
seven children, five boys, the eldest twenty-
one, the youngest six, and twin girls,
twelve years old. We, of course, find a lot to
do, but all help where help is needed most.
Aunt Ruth does not seem to think it hurts
a man to help about the house. Neither do I.
My boys can all wash dishes, sweep, make
their own beds, get a meal, and do many other
things about the house. Of course they
don't have it to do all the time. Neither do
the girls feed hogs, milk, feed horses, and
do other outdoor work all the time, but for
three weeks their father and three older
brothers have been thrashing most of the
time, and do any of you honestly believe they
think less of the girls or me to have the
chores done so they can go to bed when they
get home instead of having to work a couple
of hours longer? I have worked in the hay
field, too, and so have the girls, and will
again when we are needed. The girls play
the organ and piano quite well, too. And
they have cut and made every stitch of the
dresses and aprons that they got premiums
on at the county fair for three years. They
have also taken premiums on white bread,
graham bread, apple pie and cake, all made
by themselves. I, like Aunt Ruth, empty the
water pail at meal time. My men think they
are better able to carry water as a rule than
the girls or I. And tomorrow, as it is too
wet to thrash in the forenoon, one of them
will take the cream to the creamery. The
girls and two little boys must start in school
again. So much for one family that can
hardly be called small. They all love their
country home, too. Their father and I made
it a point to join in their sports and we have
great times together with our work and
play. I was an only child with no compan-
ions and not taught to work much, and I say,
teach the children how to work.

How would it be if we were to have
talks from men and women who were
taught to work and from others who
were allowed to grow up without work-
ing? If each would tell us whether
their up-bringing has been a help or a
hindrance the circle should receive some
very valuable "pointers." I hope this
suggestion will be like good seed sown
in fruitful ground, that it will produce
a fruitful harvest.

From a number of letters written by
young women on the subject of girls
working in the field I have chosen for
today that of Miss Winnifred Walden,
who has a level head upon her shoulders
and expresses herself with a vigor that
is refreshing:

Since we have all been so cordially in-
vited to join the circle, I can not resist the
temptation to say a few words on that



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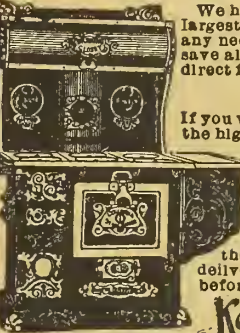
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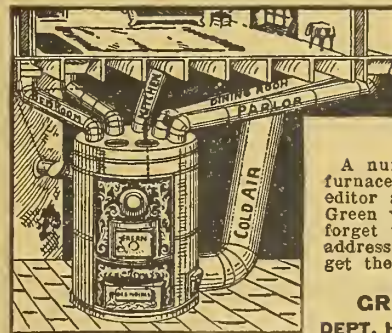
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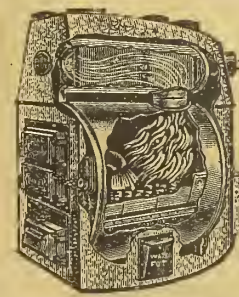


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get your furnace till you write us. You
will be well repaid for your trouble.

A number of the employees of this paper have Green
furnaces in their homes and we would refer you to the
editor as to their good points. A good furnace like the
Green will last a life time if properly handled. Now don't
forget to write us today giving us your address and the
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get the Green furnaces.

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HEAT YOUR HOUSE STORE, CHURCH or
Bovee's Compound Horizontal SCHOOL HOUSE WITH
Furnace Radiator THOUSANDS IN
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One-third of the Fuel. Any handy man can properly install one of these
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make the best and most durable heating plant in use. Everything guaran-
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We have the largest and best line of furnaces in use, including our
Celebrated WATERLOO Furnace, complete for \$43

Manufactured and Sold by the
BOVEE GRINDER & FURNACE WORKS, WATERLOO, IOWA

speech-provoking subject, "Shall country wo-
men work out of doors?" If general or av-
erage conditions were universal, it might be
easily settled. Obviously, women's work is
house work, and men's work is field work.
But circumstances alter cases. We must con-
sider the number of boys and girls in the
family, the amount of work to be done, and
the physical condition of the different mem-
bers of the family. One of the most efficient
aids in settling this question is that old-
fashioned quality, common sense. All women,
if able to work at all, should work out of
doors part of the time, but assuredly they
should not make a practice of stopping the
hogs nor sawing the wood, nor ought they
always to do all the work about the chickens.
Particular circumstances will help to a de-
cision. It certainly doesn't hurt any girl to
milk, if she is not needed in the house. Any
farmer's daughter should be ashamed not to
know how to do all kinds of work on a farm,
but doing it all the time is another matter.
If father is rushed and hands are scarce, by
all means run the mower a few days, if the
hot sun does not give you a throbbing head-
ache, but don't let the work be arranged with
the understanding that you are to be depend-
ed on as a hand. Also, a girl has no husi-
ness pitching hay or doing heavy work of
that kind. After all each one must decide
from her own circumstances what she should
do. But the ability to harness and drive a
team is not incompatible with piano playing,
and milking cows and does not incapacitate
one for writing poetry, if so inclined. There
is in some quarters a tendency to think that
because a person lives in the country he or
she is just a little inferior to the city person.
I register my eternal protest against place of
residence being made the basis of judgment
with regard to the standing of people, mentally,
morally, or socially. What logical reason is
there for denying the country woman her in-

heritance of culture and refinement? We of-
ten repine at our lack of opportunity to at-
tend concerts, lectures, etc., and neglect the
most important thing of all in that line—
books. There is more educational and cultur-
al power in a few good books than in a doz-
en lectures and concerts.

Miss Walden's "eternal protest" will
be subscribed to by very many Among
Ourselves. I agree with her most heart-
ily. At the same time, I would ask is
there not some connection between the
feeling of superiority alluded to and the
fact that many farm women work so
hard and so long? As has been brought
out in the discussion regarding the work-
ing of women in the fields, a woman can-
not be in the house and out of it and
do the duties of each place thoroughly.
If farm women make mere working ma-
chines of themselves, whether by choice or
necessity, they must expect to be look-
ed upon as inferiors by women who take
time to read, study and cultivate the
graces of life. One phase of this subject
strikes me quite often. It is when I
see some inferior-looking place adver-
tised as a "Farmers' Hotel." Let us talk
along this line at greater length, friends;
it is a many-sided subject which has
bearings of no little practical import-
ance.

The notice at the head of the Home
Department is respectfully commended to

"A Missouri Girl," "Edgar" and several others.

Discussion of the question of American-born girls marrying foreign-born men will be begun next week.

Dressmaking and Millinery—No. 539.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Among the trimming features to be noted as particularly belonging to the season is the use of plaid and checked silks as a trimming of plain materials. A waist of plain silk is trimmed with pipings or bias bands of plaid

general wear will be more often made with full length sleeves; those of the dressy order will usually be made so that the cuff may be worn or omitted. Then of course when the short sleeves are worn, long gloves will be worn for all except "party" occasions. In cutting this waist from plaid material in order that the lines may match it is well to cut both fronts in the full width, then if desired the extra amount may be cut off the left front and its edge finished straight. If the gauntlet cuffs are to be made removable use the turn-back cuff also, as this will not detract from the beauty of the full length sleeve, and will enable one to conceal the joining of cuff and sleeve. Pippings of plaid and plaid covered buttons may be used with good effect on this design. Pearl and metal buttons are also appropriate and in good taste. Pattern No. 5473 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure. Give size when ordering.

The skirt which combines pleated and plain gores in its designs is among the fancies, and I think we will find no prettier model of



[5473 Shirt Waist or Blouse, 32 to 42 Bust.]

In a color to match the material, and the buttons used are covered with the plaid. Other garments show the use of striped material for piping or bands, and for covering the buttons. Black taffeta trimmed with black and white check is especially noticeable and attractive and if buttons of medium size are used covered with the same the effect is enhanced.

The shirt waist having rolling collar has taken a strong hold on feminine fancy, and its use bids fair to become prominent among the fall waist designs. Pattern No. 5473 shows one of the latest models having several of the strictly early fall features, the roll-over collar being one, the double breasted effect being another, while the outward turning pleats far out toward the edge of the shoulder, giving the broad effect gives it still another stamp of up-to-dateness. The sleeves in this design are shown in the elbow and in the full length, and the waist for



[5471 Nine Gored Skirt, 22 to 30 Waist.]

the kind than that shown in Pattern No. 5471. It has nine gores. The front gore is laid in two box pleats that meet at the center front, and also has extensions that are folded in outward turning pleats. The side front gores are cut with extensions that lap well over onto the front and are stitched in place, these being apparently held in place by the use of buttons. This feature may be used or omitted as liked. The side back gores are plain. The back gores are each laid in a box pleat, these meeting at the center back. The girdle is cut in sections that match the tops of the gores, and this may be of the cloth of the skirt or of silk or soft velvet of the same color. Fashion favors the corselet girdle of different material from the skirt, although the girdle like the skirt will be worn to considerable extent. Pattern No. 5471 is cut in sizes for a 22, 24, 26, 28 and 30 inch waist measure. Give size when ordering.

Send eleven cents in money (not stamps), for any pattern wanted, these or others. Give size for ladies', and age for misses' and children's patterns. Be careful to sign name and give address in full, as I have orders that cannot be filled because these little matters were overlooked. Orders properly written and sent are promptly filled.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson III. Matt. XXV, 14-30 October 21, 1906.

The Parable of the Talents.
There is a dash of orientalism in this saying of Jesus. It is perfectly true to

the conditions then maintaining. His Hebrew hearers knew perfectly well the status of the slave among Greeks and

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SHOES

are very stylish, serviceable and comfortable to wear.

They are dressy, fine looking shoes that can be depended upon for wear and for correct style.

You will get the most for your money by buying "Western Lady" shoes. Try them. Your dealer will supply you but insist on getting the "Western Lady" brand. Our trade-mark is stamped on every sole.

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Five First-class Newspapers and Magazines for

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Delightful Reading Matter for the Farmer and his Wife, Sons and Daughters--Something Good for Every Member of the Family.

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2. The Chicago Weekly Inter Ocean, a large family newspaper of twelve pages, with abundance of fine literary matter, prose and poetry, reliable market reports, etc.
3. The Kansas City Weekly Star, one of the ablest general newspapers in the West.
4. The Farm Gazette, a monthly magazine of profitable agriculture, printed on fine, heavy paper, with elegant illustrations and a cover in colors.
5. The Homemaker, a delightful monthly magazine for farmers' wives, daughters and children; enlarged, improved and full of good things.

All of these valuable periodicals for the low price of \$1.25 a year, if ordered within a reasonably short time, as for sufficient reasons, we must reserve the right to withdraw this unusual offer at any time.

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Date 1906.

Homestead Company, Des Moines, Iowa:

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Name

Postoffice

Rural Route No. State

If you are already a subscriber to any of these publications, your time will be extended for one year.

Romans. Some slaves were actually men of letters and professions. They had large endowments. Others were skilled artisans. They had medium gifts. Others were day laborers, scarcely more than animated tools. The income, much or little, from these slaves belonged absolutely to their respective masters. But the matter of how and where the income should be produced was often left—not nominally, but really—to the slaves themselves; only they must produce a certain revenue and pay it to their masters, or suffer penalties for not doing so. The separation of master and slave was often complete—one not even seeing the other until such time as had been appointed for the accounting. Absentecism of masters was as common as that of Irish landlords today. And there were no such means of intercommunication as we enjoy—no long-distance telephone, postal dispatch, or special delivery. In the slave owner's upbraiding of the delinquent slave we discover one method of trade then in vogue: "You ought to have thrown my money onto the table of the broker; then I would have had principal and interest." Bible weights and measures are puzzling. Absolute accuracy with reference to them is almost out of the question. It is perhaps enough to say that the least sum mentioned is considerable—anywhere in round numbers from \$1,000 to \$2,000. The hiding of the talent in the ground is another dash of local coloring. It was not the age of banks and safety-deposit boxes; so there were many "fields" in which treasure was "hid." The accounting time was

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Chandler & Chandler, Patent Attorneys,
956 F. Street, Washington, D. C.

real and important to master and slave. The revenue for the support of his chateau or palace, the maintenance of his retinue, for all his power and pleasure, were gathered at such time. In proportion as his slaves had been industrious, he could meet bills falling due, and extend his plans for social and political prestige. It was a crucial hour for slave as well. If successful, he could expect to be correspondingly rewarded. If he could show no gains, he well knew his master had power of life and death over him. It was an hour of real joy or fear. The practical present-day bearing on human life of the parable is apparent. It emphasizes individualism as against institutionalism. Each has talents committed to his sole keeping. Each for himself is to increase his store. Each is to give a reckoning. The ordeal will be as searching as fire. Escape, evasion—impossible! Rewards and penalties will be commensurate, and administered by an even-handed equity. There will be degrees of reward, but the smallest degree will be transcendently great. Eye hath not seen, ear hath not heard, anything that will compare. The human mind is incapable of conceiving of the rewards

October 18, 1908.]

of Paradise. How desperate the strait of the unfaithful! What he has shall be taken from him; that is, it shall be revealed to himself and all the intelligences of heaven that the faculty with which he was endowed he has lost by persistent disuse of it. The spiritual visual sense is obliterated. The spiritual auricular nerves are dead. There is no avenue through which the soul can be reached. The state is remediless. The expulsion of such a soul from Paradise is a moral necessity. The taking away of the talent is only the discovering of the fact that it is already gone—"extirpated by disuse." The binding and casting out is only the judicial affirmation of a destiny already self-inflicted. The soul goes to its own place by a moral gravitation that is irresistible. Having taken the divergent line of inveterate neglect of the spiritual faculty, he winds up in a hell which is eternal because the very essence of it is the obliteration of the powers of the soul. On the other hand, the faithful soul, having taken the right line of persistent use and development of the religious faculties, finds himself at length in a blissful state, from which lapse is impossible, and in which there is such a phenomenal development of the soul that he is qualified to perform functions for God, the nature of which is dimly conveyed to us by the terms kingship and priesthood to God, and being over ten cities and five cities.

The Teacher's Lantern.

The Parables of the Virgins, Talents, and Pounds set forth the substance of religious duty, and the opposite destinies of the faithful and unfaithful. They are a hand-book of ethics. Fundamental principles are epitomized in them. At the same time they are powerfully incentive to good, deterrent from evil. Dean Trench discriminatingly says: "Undoubtedly Christ bestowed marvelous and miraculous abilities on the apostles on the Day of Pentecost; but from that day to this he has ever been delivering his goods to each successive generation of his followers. The natural is the ground work upon which the spiritual is superinduced. Grace does not dissolve the groundwork of individual character. The natural gifts are as vessels which may be large or small, but in each case each is filled." How tiresome the show of humility! "So little is committed to me in the way of talent that it makes no odds whether I employ it or not." The laggard has not wasted like the prodigal; isn't ten thousand talents in debt like the unmerciful servant. But here is an irreparable evil. The pound was given to be employed in a given period (probation); the opportunity for its employment gone forever, it cannot be returned. Its value consisted in its employment and increase. "Take from him the pound" is one of the sharpest

points of this bristling parable. This is what Horace Bushnell aptly calls the extirpation of the religious faculty by its non-use. Sully, insolent, and profane appear the excuses of the laggard with his pound; yet not more so than the stock apologies of the average sinner of today: "Religion is too severe;" "Temptations too powerful;" "Evidences of Christianity not sufficiently plain." Such excuses criminate God; tax Him with austerity and reaping where He has not sown. Jesus reveals the truth that man is God's servant. What he has he holds in trust for his Maker. He is not an original, independent proprietor. He holds nothing in fee simple. He is to occupy, use, and increase. But an account of stewardship is ever impending. This accounting-time is the asize of the soul. It is to be kept always in view. One is to be instantly ready for it. Here, however, is no harsh, unreasonable, and purely technical reckoning. Nothing can surpass Jesus' radiant portraiture of Him with whom all souls have their final dealings. Nothing is hid from his omniscience, true, but it is a benevolent knowledge. It is so all-inclusive as to descend to the very hairs of one's head. It bids the child of God take no anxious care. He who sustains the soul in being will provide bodily comforts. He who notes sparrows and lilies will not neglect immortals. The principles of absolute equity will be observed in the final accounting. He will not attempt to reap where he has not sown. A reasonable increase only will be demanded. The ratio between the knowledge and the stripes will be accurate. The use of the probationary life, as related to the life immortal, is finely expressed in the lines:

Since I am coming to that room,
Where with the choir immortal,
I shall make thy music when I come,
I tune the instrument here at the door,
And what I must do there, think here before.

Jesus' faithful servants are to be exalted to highest rank conceivable. The revelator saw thrones for the faithful. They shall be rulers. The wisdom learned in humble spheres shall be useful to the mighty Governor of a universe. His stewards, exalted, shall share with Him in some form of dominance over all intelligences. "Such a promise let no one contemplate except when clothed in the profoundest humility." It admits of question whether the destiny of the kingdom of heaven is not in the hands of the disciples—not relatively, but absolutely—and whether this is not the full meaning of the words: "Delivered his goods and went into a far country." If this be so, it is a mighty incentive to fidelity. A company of tourists amused themselves by calling to the cliffs of Mount Desert Island, "Captain Kidd, where's your money hid?" The laconic answer came back, as if in mockery, "Money's hid!" Men are still burying talents. What splendid pearls of genius have been dissolved in the bowl! How true the German proverb, "The bowl has swallowed more than the sea!" What almost unlimited possibilities of goodness, beauty, and usefulness have come to nothing in mere human animalism! It is hazardous to say we will be rewarded for fidelity, irrespective of whether there is anything to show for it or not. Fidelity ought to show fruit.

Analysis And Key.

I. Parable of the Talents: (1) Its local oriental coloring. (2) Semi-independent status of slaves among Greeks and Romans. (3) Varying gifts of slaves. (4) Separation of master and slaves. (5) Accounting time. (6) Significance of it to master and slave. (7) Rewards and penalties.

II. Present-day bearing of Parable: (1) Individualism vs. Institutionalism. (2) Career of each steward traced. (3) Extirpation by disuse. (4) Phenomenal spiritual development.

Craver's Duroc Sale.

Despite a heavy rain which fell throughout the day, Mr. W. A. Craver's sale on Wednesday, Sept. 26th, was a success. The hogs were offered in first-class breeding condition and were promptly taken at remunerative prices. Colonels Bowers, Sailer and Figg conducted the selling in a satisfactory manner. An average of \$25 was made on sixty-seven head. The following list gives purchases of \$25 or over:

J. H. Munns, Waynetown, Ind.	\$30
Same	33
H. E. Browning, Hersman, Ill.	50
F. M. Erschen, Odell, Ill.	34
J. H. Munns	30
Weaver Bros., West Point	31
Geo. Hinkle, New Ross	23
J. E. Swope, Frankfort (third-prize pig at state fair)	44
J. E. Moedy, New Ross	25
Weaver Bros	49

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THE Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 50 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$8 at your R. R. station.

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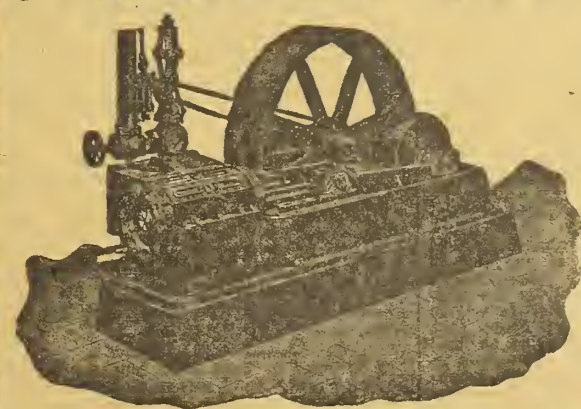


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A Frost, automatic, side crank, 8x13, left hand, rated thirty horse power, speed 250 revolutions per minute. Fly-wheel drive, 48x10; three-inch throttle; outboard bearing with adjustable sole plate. This engine is in prime condition, will operate on a 2 per cent variation and would be suitable for belted generator or any other service where steam power can be employed. Address for price and full particulars,

Homestead Co., Des Moines, Iowa.

DITCHING MACHINE.

The CYCLONE Has No Equal Nor Superior

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QUICK, Perfect. With six horses and two men the CYCLONE will easily cut FOUR HUNDRED rods of tile ditch, 24 to 30 inches deep, 9 inches wide. Sold under a guarantee to do more work than any ditching machine on earth at same cost. Every Farmer and Ditcher should know all about it. Write for circular, price, terms. SOLD DIRECT. A GREAT SELLER. A BIG MONEY-MAKER. Manufactured and sold by

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WAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneida and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

W. L. DOUGLAS

\$3.50 & \$3.00 SHOES FOR MEN

W. L. Douglas \$4.00 Clit Edge Line cannot be equalled at any price.



W. L. DOUGLAS MAKES & SELLS MORE MEN'S \$3.50 SHOES THAN ANY OTHER MANUFACTURER IN THE WORLD.

\$10,000 REWARD to anyone who can disprove this statement.

It could take you into my three large factories at Brockton, Mass., and show you the infinite care with which every pair of shoes is made, you would realize why W. L. Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe.

W. L. Douglas Strong Made Shoes for Men, \$2.50, \$2.00, Boys' School & Dress Shoes, \$2.50, \$2.00, \$1.75, \$1.50 CAUTION.—Insist upon having W. L. Douglas shoes. Take no substitute. None genuine without his name and price stamped on bottom. Fast Color Eyelets used; they will not wear brassy. Write for Illustrated Catalog.

W. L. DOUGLAS, Dept. G, Brockton, Mass.

ADDITIONAL FIELD NOTES.

LAKEWOOD'S FIFTH ANNUAL SALE OF SHORT-HORN CATTLE.

On Wednesday, October 24th, Mr. H. G. McMillan will sell at his Rock Rapids, Iowa, farm, forty-seven head of choice Short-horn cattle, being judicious selections made from his famous Lakewood farm at that place. This farm is situated six miles south of Rock Rapids and four miles north of Doon. The tract comprises 1,020 acres which are devoted exclusively to the production of pure-bred pedigreed live stock, the Short-horns being one of the main features of the farm. Inasmuch as Mr. McMillan has 181 head of Short-horn cattle, he has been enabled in this forty-seven head selected for this draft sale, to offer a character of cattle that will not only be a credit to Lakewood, but will be an offering that should attract the buyers of the Dakotas, Minnesota, Nebraska and northwestern Iowa. The management of these cattle has been in the hands of Mr. James McMillan and Mr. Cash M. Bent. A goodly line of Scotch females are offered, the remainder of the best American families with from three to six Scotch tops. The cows and all heifers of breeding age are bred to the splendid bull, Morning Joy. As these cattle are still running on grass and have not been fed any grain, high prices are not anticipated. If you want good cattle, only in nice, thrifty breeding condition, at prices that the farmer and young breeder can well afford to pay, this offering affords special inducement. Rock Rapids is located on the Sioux Falls division of the Illinois Central Railroad, on the Sioux Falls division of the Rock Island and the Luverne & Doon branch of the Northwestern. Parties from Minnesota and the north coming over the Great Northern should leave the train at Doon. The catalog is now out and is a very neat and artistic piece of work, turned out by the hindery of the Cedar Rapids Republican, and it should be in the hands of every lover of Short-horn cattle. Lots from 1 to 10 are Scotch females of such noted families as the Violet Bud, Evangeline, Orange Blossom, Brawith Bud, Besse, Duchess of Gloster, Victoria and Rose of Autumn. The remainder are richly Scotch-topped American sorts of the most approved lines. Two nicely-bred Cruickshank Orange Blossoms are offered among the young bulls, both sired by Morning Joy. The catalog can be had by addressing either Cash M. Bent, Rock Rapids, Iowa, or H. G. McMillan, Cedar Rapids, Iowa, mentioning The Homestead.

THE MERCER COUNTY ANGUS AUCTION.

Not a cull in the auction, and as many attractions as possible, were the ideas dominant when the cattle were selected for the Mercer County Breeders' Auction at Aledo, Ill., on October 23d. Mr. C. A. Bopes, of Reynolds, Ill., has cataloged the high-class, Blackbird-topped Ballindalloch K. Pride bull, Palamon B., by the double Blackbird hull, Royal Blackcap 2d, believed to be the very best and best-bred hull of this famous family in service today. Also daughters of this hull from dams of the Blackbird, Trojan-Erica, Queen Mother, Shempston Duchess, Wester Fowls Queen and other celebrated families. Mr. G. E. Thornton, of Millersburg, Ill., consigns the Blackbird show heifer, Shadeland Blackbird 3d by Imp. Allick of Theakston, and three other Blackbirds, two of which are by the same sire. Mr. Thornton also includes a yearling heifer from the dam of Imp. Allick of Theakston, and sons and daughters of this hull that is proving a great sire at Shadeland. Daughters of the double Drumlin Lucy hull, Guinea of Taylor Ridge, that represents the undefeated blood of Woodland, are also cataloged by Mr. Thornton. Mr. G. E. Alkins, of Aledo, Ill., consigns the get of the superior sire, the Coquette bull, Countersign, a son of the double Blackbird hull, Woodlawn, and including Inga's Girl, a Noregay heifer that only needs fitting to become prominent as a prize winner. A pair of choice Countersign bulls are also consigned by Mr. Alkins. Mr. J. E. Reed, of Aledo, Ill., catalogs four female representatives of an old Brunhead family. They are choice individuals and from one to four years old, sired by the Blackbird-topped Heather Bloom hull, Teutonic, and Aldine of Woodlawn, an Antelope son of the famous Moon Eclipse. Mr. S. Lee, of Aledo, Ill., catalogs a Westtown Rose heifer by Custodian, a son of the double Blackbird and International prize-winning bull, Woodlawn, and other entries by Custodian are also included by Mr. Lee. He also included a cow of grand scale that was got by Sultan 2d of Greenview, a bull that has attained considerable reputation as a sire of International market-topping, prize-winning steers. Mercer county contains within its borders more registered Angus cattle and more men interested in them than can be found in any other county in any state in the Union, and these breeders invite breeders and cattlemen generally to inspect their offerings and see the Angus in a country where he reigns supreme and flourishes always. Catalogs will be mailed on application to Mr. W. C. McGavock, Sale Manager, Springfield, Ill.

For Sale—Improved Colo. farm, free irrigating water. Jenks, 929 17th St., Denver, Colo.

A WONDERFUL OIL HEATER.

It Solves the Problem of Fall and Spring Heating and Supplements the Regular Heating Apparatus in Mid-Winter.

With the passing of the summer months comes autumn, and with it the chilly nights and mornings which force us to turn our thoughts to the problem of heating our houses, and we begin to look over our stoves and furnaces and get them in repair for the cold winter months.

To start stoves and furnaces in the early autumn brings more or less discomfort for the reason that they furnish too great heat during those portions of the day when the

USE our Powder for hauling **CORN FODDER** Hawkeye Co., Ia. City, Ia.

STEVEN'S TAKE DOWN FREE SHOT GUN

Exact Size Shell Gun Shoots



SHELL EJECTING, CHOKE BORE, A PERFECT GUN FOR SHOOTING DUCKS, RABBITS, QUAIL, SQUIRRELS, ETC.

Description.—Single barrel. Take-down pattern. Carefully Choke bored, insuring superior shooting qualities, positive Automatic Shell Ejector, Case hardened frame, top pump action, rebounding lock, walnut stock, hard rubber butt, reinforced breech, 12 gauge, 28 or 30 inch barrel. Will shoot any shell made Winchester, U.M.C. etc. Splendid.



finished—every detail perfect, all parts interchangeable—can be taken down instantly into two pieces. Weight 6 3/4 pounds.

TESTIMONIALS.—I received my shot gun all right, and it is a daisy. I thank you for your kindness and honesty. Wesley McKeever—Fremont, Ohio. I tried the gun at 10 rods and No. 4 shot and find it a very close and strong shooter.—Carey Fish, South Haven, Mich. Am well satisfied with gun.—Roy L. Beyer, Columbus, O. Received shot gun. It is much better than I expected.—M. G. Baker, Skowhegan, Mich.

How To Get This Gun FREE.

We have bought a number of these guns and are giving them away for a very little work any boy or man can do for us. We guarantee you can earn one in a day easily. Many have earned one in an hour. No cheap pictures or jewelry to sell. Our plan does all the work. Does not interfere with your regular work. Simply say you want a gun and you will be surprised how simple our offer is and how easy it is to get the gun. Don't delay or somebody will get ahead of you. Write today.

SUCCESSFUL FARMING, 600 Tenth Street, Des Moines, Iowa

A BARGAIN—Eighty-acre improved farm, all under cultivation; two and one-half miles from Anoka, 13 miles from Minneapolis, school half mile, fine water, no stone, all fenced. Price, \$2,800; easy terms. Address owner, Chas. McGraw, Anoka, Anoka county, Minnesota, Route 3.

FOR SALE—Blue registered Scotch Collie females, bred or open at snap prices. Address, A. H. Gerot, Riverside, Iowa.

heat of the sun is still considerable. For such times the Perfection Oil Heater, equipped with a device which prevents all possibility of smoking, solves this hitherto perplexing problem.

There are also many times during the cold winter months, while the furnace and stoves are in operation when they may not be equal to the task of warming remote rooms, hallways, etc. This is more apt to be true in the early morning before the full efficiency of the regular heating apparatus is developed. In many houses there are rooms not reached by direct heat. At such times and in such places the Perfection Oil Heater will be found a very valuable auxiliary. It will enable the household to eat its breakfast in comfort instead of shivering with the morning chill.

The Perfection Oil Heater produces a surprising amount of heat immediately after lighting and will heat an ordinary room in a remarkably short time. They are strong and well made in a design pleasing to the eye, and they are light enough to be easily carried from room to room as required.

In these days of numerous devices for illumination, there are still many who have not provided themselves with satisfactory lamps. The Rayo Lamp makes it possible for everyone to have adequate light at a small cost. The Rayo Lamp is the best lamp for all-round household use. It is made of brass and beautifully nicked, and is an ornament to any room whether in palace or cottage.

The Perfection Oil Heater and the Rayo Lamp form a combination that makes home bright and comfortable. Their absolute safety and very moderate price make them a valuable and easy acquisition to any home. Both heater and lamp are warranted.

We suppose the article by The Litchfield Manufacturing Company on page 5 is not intended for fools but for wise men.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for five years.



Illinois Chief 50059, bred and owned by M. W. Greer & Son, of Rushville, Ill. This boar is a son of the grand champion boar, Tip Top Notcher, and was second prize boar in the six and under twelve months class at the Illinois State Fair, 1906. He has been consigned to the forthcoming sale to be held on Monday, October 22d, at Bushnell, Ill., and someone in search of an extra good herd boar should see this one before buying. Plan to be present at Bushnell, Ill., Monday, October 22d. See announcement on page 42.

LANDS AND HOMES FOR SALE

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 600 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvements, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$80 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and world's of it, cistern in house, in fact everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

ATTENTION! SHEEP BREEDERS!

Let us tell you something of what it means to be a SHEEP BREEDER or STOCK RAISER IN MICHIGAN. The great Chicago market is near by and freight rates are low. This means something to YOU. We offer 4,000 acres of first-class grazing land at a low price. Are YOU interested? If so, drop us a postal.

MICHIGAN LAND ASSOCIATION

MANISTEE, MICHIGAN.

\$5 to \$16 Per Acre.

FINE LAND In Gove Co., Kansas, which holds the record of yielding the best crops this year of any county in the state. Land selling rapidly. Easy terms and small payments down. Next excursion Nov. 6th. Be sure and go. Write for information.

W. F. SHELTON LAND AGENCY, 215 Shedley Bldg., Kansas City, Mo.

California Lands Thrown Open. RESIDENCE not required. Some improvements necessary. Information free. C. H. E. Association, 144 Chamber of Commerce, Los Angeles, Cal.

FOR RENT GOOD STOCK FARM of 320 acres. Terms \$2.50 per acre. Address, J. F. Lynch, New Hampton, Iowa.

When writing please mention this paper.

FOR SALE A "BUMPER" IOWA FARM

As good a farm as there is in Iowa, containing 300 acres, located in Kennebeck township, Monona Co. It is 5 miles from Onawa (county seat) and 2 miles from Turin, both good railroad towns. I will sell for \$75.00 per acre if taken soon, part cash and balance on time at a reasonable rate of interest. The house is a good frame house of about 6 rooms, brick foundation, cemented cellar, etc. Barn is large with brick foundation, almost new, has lean-to shed 12x32 feet. There are ample cribs, bins, etc., hay scales, good wells and windmill. The farm is well fenced and will divide into two farms nicely. All buildings are well painted and in good condition. About 225 acres was under plow this season, the remainder is splendid hay land with the exception of 15 acres of good timber land along the west line, which is the Little Sioux River. For stock or grain the farm has no superior anywhere. The soil is deep and a very rich dark loam, easily worked, no rocks, no sand. As the Northwestern Mutual Life Insurance Co. of Milwaukee renewed a small loan for five years on the above described land, June 29, 1906, there can be no question as to perfect title. I refer you to any bank or commercial agency in Omaha, Neb., or Council Bluffs, Ia., as to my reliability. The farm to be appreciated must be seen. All inquiries cheerfully answered. All crops reserved. Address,

Z. T. LINDSEY, OMAHA, NEB.

I also own 267 acres of adjoining land, partly cultivated and part hay land, fenced only, on which I will make a very reasonable price.

30 miles from Kansas City

Where the highest prices are paid for all farm products. Where the winters are mild.

550 ACRES fine upland, rolling cattle and grain farm, 200 acres in corn and timothy and 100 acres more of same land. 25 acres alfalfa, 200 acres finest blue grass pasture you ever saw. Running water always. Improvements alone worth \$6,500, including a new \$2,500 barn. All in fine order. This soil is strong black loam, with clay subsoil, the best upland soil to be had any place. Price \$31,000. Only \$56 an acre with improvements; only \$42 an acre bare land.

ALLEN INVESTMENT CO.

Cor. 9th and Wyandotte Sts. Kansas City, Mo.

LANDS AND HOMES FOR SALE

CROPS NEVER FAIL.

CALIFORNIA In the beautiful Sacramento Valley, Sunset Colonies offer best opportunity in California for the farmer, fruit grower and stock raiser. Tracts of 10, 20, 40 acres or more of the richest land, all under irrigation. Abundant water at low rates. New model town now building. Two railroads. Good markets for all products. Dairying and stock raising very profitable. Ten tons alfalfa to the acre. Peaches, pears, grapes, figs, etc., pay well. Good roads, good schools, churches, electric lights, etc. A rich and prosperous farming community. Four thousand acres just subdivided and now offered for sale on easy terms. Just the place for a home. Near Feather River, with fine hunting and fishing. This is the land of the Big Oak Trees. Write for free illustrated pamphlet. Mention this paper. Sutter Irrigated Farms Co., 1109 Post St., San Francisco, Cal. (Agents wanted.)

William Lampmann,
Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send to me, free of charge, full information about

IDAHO IRRIGATED LAND.

Yours truly,
(Name).....
(Town)..... (State).....
(R. F. D.)..... (Box).....

FARMS IN Eastern Central Kansas, FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa, apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices

JAMES SHEERAN,
Dickinson Co., Solomon, Kan.

IOWA FARMS FOR SALE AND FOR RENT.

WE have over 100 of the choicest Iowa farms for sale from \$55.00 to \$90.00 per acre. We have five or six large farms to rent. Write us for catalog and map of Iowa. It is free.

THE ALLEN LAND & LOAN CO., LAURENS, IA.

IOWA FARMS
FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address,
HAMILTON BROS., WINTERSSET, IOWA

Oklahoma Lands.

UNEQUALLED opportunities for homeseekers and investors. Millions of acres of the richest farm land in the United States is now owned by Indians who want to sell. Restrictions are being removed so they can sell. Write for particulars and map.

A. J. WALDOCK & CO.,
OKLAHOMA CITY, OKLAHOMA.

IOWA FARM
240 ACRES, good dwelling, 2 barns. Land lies well, but part some rolling abundance water piped from spring to large tank; bass apples to huge fruit; about 7 miles to town; fine roads; all could be used for corn. Easy terms; this is a snap. Write us, or better come and see this before it is sold.
BOSSERMAN BROS., MURRAY, IOWA.

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment.
BOX 151, INDEPENDENCE, IOWA

FARMS, STOCK RANCHES, CITY PROPERTY
BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank.
Hartford Land Co., Hartford, Kansas.

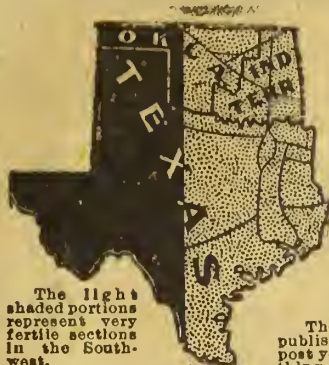
800 ACRES, Keith County, Nebraska, six miles from Ogallala, a fine horse and cow ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.
BOX 81, INDEPENDENCE, IOWA

Missouri Farms.
Write for State Map, Booklet and Weather Report. Sent Free.
BAZEL J. MEER, Chillicothe, Missouri.

CENTRAL KANSAS FARMS
IN Sumner county, for corn or alfalfa. Will sell you a well-improved home, cheap. Write
Gile & Bonnell, South Haven, Kansas.

FARMS FOR RENT. Iowa \$0 to \$40 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list.
Northern Iowa Land Co., Independence, Ia.

You can make Money in the Southwest



The light shaded portions represent very fertile sections in the Southwest.

Opportunities for making money abound in the Southwest. One of the surest sources of profit lies in the certain increase in land values, within the next five years. Good rich farm land, capable of raising 30 bushels of wheat to the acre, can now be bought in the Southwest for from \$3 to \$10 an acre. The same land 5 years hence will bring \$25 to \$50 an acre. Settlers are going into the Southwest by the thousands and it is only a matter of a few months when the actual demand for this rich land will force the price much nearer to what it is really worth.

Now is Your Opportunity!

You can sell your present farm—pay off the mortgage and have enough left to buy a big farm in the Southwest that will make you independent in a few short years.

The "Coming Country" Free!

The "Coming Country" is a very interesting paper published monthly and devoted to the Southwest. It will post you on conditions in the Southwest better than anything that you could read. I'll be glad to have the publisher place your name on the mailing list and send you a free copy of the paper regularly for one year. Write now to

S. G. LANGSTON, Sec'y., M. K. & T. Land Bureau, 306 Wainwright Bldg., St. Louis, Mo.

THE OPPORTUNITY IS PASSING

to secure a home in the Wonderful BIG BEND COUNTRY of EASTERN WASHINGTON. DON'T DELAY. The finest climate. Freedom from electric and other destructive storms, chinch bugs, Hessian fly and other pests. Failure of crops unknown. We have choice improved lands for sale at reasonable prices and on easy terms. Special low prices to parties buying this fall. Railroad fare refunded to purchasers. Write at once for illustrated booklet and map.

BIG BEND LAND CO.

Address Dept. 1 WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
Capital and Surplus, \$250,000.00.
LARIMORE, NORTH DAKOTA.

PRAIRIE LAND

with some timber. Where can you get it except in Canada? Best for grain and cattle. Good climate. Five families in 1902, 600 families in 1905. Write us for map and description. Some Homesteads left. Join half-fare Excursion. Cheap land on ten years time.
Scandinavian-Canadian Land Co.,
172 Washington Street, CHICAGO, ILL.

A FINE ALFALFA, CORN & WINTER WHEAT FARM

MY FINE farm located in Buffalo County, 480 acres for sale, all fine black loam land 350 acres under cultivation, balance pasture and wild hay meadow, 80 acres alfalfa. There is over \$10,000.00 worth of improvements on this land, a fine large new house, two large barns, two granaries, two corn cribs, scales, feed yard, wells, windmills and cisterns, tanks and an engine to pump water, two large hog houses, two hog pastures, all fenced and cross fenced, close to four different churches, rural mail by the door, telephone in the house, one mile to school, five miles to Riverdale, twelve miles to Kearney, located in fine neighborhood, one of the finest homes in the state. The owner lives on the land, 100 acres now in winter wheat. This farm bears the highest investigation. Price \$80.00 per acre. Also a fine little home of 20 acres, good improvements close to Kearney. Price \$2,000.00. Address the owner,
W. H. GRASSMEYER, RIVERDALE, NEB

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED
PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

SOUTHERN CALIFORNIA FARMS 60 Minutes from Los Angeles

The famous Chino Ranch. No frost, no cold, perfect climate. Great water supply. Everything grows. Lands \$75 to \$150 per acre. Write for illustrated booklets.

CHINO LAND & WATER COMPANY
516 Wilcox Bldg., Los Angeles, Cal.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

TEXAS LANDS IN THE PANHANDLE, CHEAP. Thos. J. Pugh, Omaha, Neb.

UNIMPROVED FARM LANDS

In Osceola County, Michigan.

THIS group of lands was covered at one time with hardwood timber, some hemlock, but no pine. Soil is heavy and rich, clay or gravelly loam, well watered. Crops: Good hay and grain lands; ideal for potatoes; all fruits do well. These lands are guaranteed to be as fine as any in the state, but are still wild and covered with some timber and must be cleared. Markets are plentiful and close and on good railroads. Good schools, churches, roads and telephone lines already built. Terms: Lands sold for cash or one-quarter down, balance in five annual payments, interest 8%. Price, \$12 to \$15 per acre. Write for booklet.

H. W. MARSH, MANISTEE, MICH.

PANHANDLE LAND

WE have the best proposition to offer homeseekers desiring to change location yet presented. We are the owners of—not the agents for—a large tract of land 3 miles from the railroad at Texico and 10 miles from Bovina, Tex., situated in Parmer and Bailey counties, which we are selling at from \$10 to \$15 per acre in lots of from 160 acres up, to rent purchaser, on long time and low rate of interest. We are in the shallow water belt, our greatest depth of water being 100 feet. We have 20,000 acres of land on which it is less than 20 feet to water. This is the finest body of sub-irrigated alfalfa land in the Southwest, soil 3 to 6 feet deep. This whole tract of land is admitted to be the finest body of land lying along the line of the Santa Fe railroad in the Panhandle. For further information and full particulars drop us a postal.

COLDREN LAND COMPANY,
719 N. Y. LIFE BLDG., KANSAS CITY, MO.

WHY BUY LAND AT FANCY PRICES

IN the Canadian northwest, thousands of miles from markets, when you can buy good quality land in the Clover and Tame Grass Belt of Minnesota, near two railroads and less than 100 miles from the Twin Cities or 70 miles from Duluth, at \$8 to \$10 per acre, easy terms? Wholesale tracts at dealers' prices. Agents wanted. For particulars apply to the owners.

THEO. F. KOCH LAND CO.,
891 Globe Building, ST. PAUL, MINN.

Let Me Sell Your Farm

If it is a desirable property and your price is reasonable, I CAN SELL IT. More homeseekers and land buyers go through and stop off at Kansas City than any other five cities. Can send buyers to look at property anywhere if desired and owner can make deal, paying my commission from proceeds. Send description and state cash price. IF YOU WANT TO BUY Write Me Your Wants.

GLENN REALTY CO.
349 K. C. Life Bldg., KANSAS CITY, MO.

OUR NEW STATE.

GREATER Oklahoma (Oklahoma and Indian Territory combined) is a country for the investor. Best farming lands on earth. The New State Tribune, the biggest paper in the New State, tells you, How, When, and Where to buy these lands. "Big Pasture" will be opened by President's proclamation right away. Subscription one dollar year. Setb K. Gordon, Dept. B.

New State Tribune, Muskogee, I. T.

Wheat, Dairy

CORN and STOCK RAISING LAND. Unimproved half section in Hettlinger Co., North Dakota; best of soil and water; land can all be plowed and is in the best farming district west of the river. If taken at once I will accept the low price of \$11 per acre on reasonable terms, no commissions to be paid. No trades. Write or call upon the owner.
E. M. KIERON, 311 Nicollet Ave, Minneapolis, Minn.

LAND! LAND! LAND!

4,590 ACRES at ten dollars per acre, situated northwest of Kearney, along Loup River. It will all grow good alfalfa and corn; liberal terms. Write to the owner, G. L. Crookham, Kearney, Neb., for full particulars.

NOTHING LIKE THIS.
2,800 ACRES; Eastern Kansas; 500 cultivation; all but 200 good farm land; all black limestone soil; good buildings; running water and wells; price \$32.50 per acre. For further information and plat write:
Willis & Co., Sale Agts., Emporia, Kan.

In Beautiful Artesian Valley. With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to
Miller & James, Mendota, Kansas.

COME TO VIRGINIA.

500 special bargains in farms. Northern farmers send for new catalog. Learn about this country.
Percival Bros., Petersburg, Virginia.

FOR SALE.
320 ACRE farm in Neb., 100 miles west of Sioux City, 80 acres cultivated, 12 acres timber. For sale by owners at \$23 per acre to settle an estate. Address, J. C. Garland, Dubuque, Iowa.

KANSAS FARMS
Chambers & Chambers, Osawatimie, Kan.

80 ACRE farm, \$385. Good soil; house, etc. Southern Missouri. McGrath, 2940 Prairie St. Louis.

ONE IOWA ONE MADISON CO.

ONLY A FEW OF THE BEST BARNS GAINS I HAVE FOR SALE

120 acres @ \$55 per acre
40 acres, a snap, @ 75 per acre
80 acres @ 65 per acre
80 acres @ 75 per acre
40 acres @ 70 per acre
All within a mile of town, highly improved. For full particulars address,

E. J. TRUMBAUER,
PATTERSON, IOWA.

EASTERN KANSAS.

THE PLACE FOR YOU?

160 ACRES all tillable, 120 under plow. 4 roomed house, half mile from R. Station, 6 miles from 2 good towns. It's a dandy. Price \$5000, easy terms. 120 acres, 3 roomed house, good farm, fine orchard, good water on R. F. D. 60 acres broke, all tillable. Price \$4200—\$500 cash, balance your terms. Call on or address.

F. S. BENNETT,
LOCK BOX 16. EMPORIA, KANSAS.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements with map.
Northern Iowa Land Co., Independence, Ia.

FOR SALE Farms, Reno and adjoining counties; ranches west. Write me what you want. A. M. Jewell, North Main St., Hutchinson, Kan.

FOR SALE ON EASY TERMS, a 167 acre farm in Logan County, Colorado, near railway and sugar mill. Address T. E. Davies, 674 State Street, New Haven, Connecticut.

IMPROVED 60 acres near town and school, 45 acres cultivated; plenty water, \$55. Easy terms. Other bargains, all sizes. Armitage & Moffitt, Afton, Ia.

FOR sale, S. E. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$18 per acre, reasonable terms. Frank Pearce, Fredericktown, Mo.

FOR real bargains in choice farm lands in the great alfalfa, corn and wheat district of Central Nebraska, address P. H. Marlay, Mason City, Nebraska.

ADVERTISING NOTES.

Mr. McGrath, of St. Louis, Mo., is offering an eighty-acre farm for sale on page 25. Say, Mr. Land Buyer, look up the gold brick bargains offered by Messrs. Isaac A. Novinger & Sons, of Kirksville, Adair county, Mo.

Readers of this paper afflicted with piles will be interested in the advertisement of Dr. O. Broyles, of the Ludlow, Mo., Sanitarium, which appears on page 19 of this issue.

Mr. Chas. McGraw, of Snoka, Minn., is offering his eighty-acre improved farm, all under cultivation, for sale in his advertisement that appears on page 24 of this issue. He will make easy terms.

For bargains in choice farm lands in the great alfalfa, corn and wheat district of Nebraska, we would direct the reader's attention to the advertisement of Mr. P. H. Marlay, found on page 25 of this issue.

Mr. T. E. Davies, of New Haven, Conn., offers a 160-acre farm, located in Logan county, Colo., for sale on easy terms in his advertisement on page 25. Other information can be obtained from this advertisement.

Any reader of this paper who wishes to obtain information as to how to invent, or obtain patents will be interested in the advertisement of Mr. Chester W. Brown, of Washington, D. C., which appears on page 19 of this issue.

We start an advertisement in this issue on page 19 for Dr. D. M. Bye, 316 North Illinois St., Indianapolis, Ind., who is the originator of the combination oil cure for cancers and tumors. Those of our readers afflicted should write for his free book.

Texas lands in the great Panhandle country of Texas are offered for sale by Mr. Thomas J. Pugh, of Omaha, Neb. He has some great bargains to offer in large tracts. This is the coming country and a great place to invest a little money.

Mr. J. C. Garland, of Dubuque, Iowa, has a 330-acre farm in Nebraska, located 100 miles west of Sioux City, which he is offering for sale in his advertisement found on page 25 of this issue. The farm has eighty acres under cultivation and twelve acres in timber.

The editor of a well-known publication recently said: "Rats are an abomination, I must say. They annoyed us almost beyond endurance until we sent for the famous 'Rat Bis-Kit,' but now we are free from the pests." If you wish to try it, send to "The Rat Bis-Kit Company," P. 1, Springfield, Ohio. See advertisement on page 18.

Mr. E. M. Kleron, of Minneapolis, Minn., is offering an unimproved half section corn and stock farm for sale, located in Hettinger county, North Dakota, in his advertisement which appears on page 25 of this issue. Mr. Kleron states that this land can all be plowed and is in one of the best farming districts. If taken at once he will accept a very low price.

Record number 121733. Old Fistula with eleven pipes and large hole through withers; pus running to hoofs; region between shoulder blades diseased; doctor advised shooting the horse; owner cured him with one bottle of Fleming's Fistula and Poll Evil Cure. Write Messrs. Fleming Bros., 210 Union Stock Yards, Chicago, for free copy of Fleming's Vest Pocket Veterinary Adviser.

Messrs. W. A. Willis & Co., of Emporia, Kan., have a 2,800-acre eastern Kansas farm on which they are quoting a very low price per acre in their advertisement which will be found on page 25 of this issue. Five hundred acres of this land are under cultivation, and all but 200 acres of the entire 2,800 is good farm land. More particulars in regard to this farm will be found in the advertisement referred to above.

Messrs. Chambers & Chambers, the leading real estate firm of Osawatomie, Miami county, Kan., are starting an advertisement in this issue on page 25. They inform us that they have the largest list of farms for sale in eastern Kansas averaging from \$25 to \$60 per acre. This year in Miami and adjoining counties we are informed that corn will average about forty bushels to the acre. Just write them that you saw their advertisement in The Homestead and catalog, which contains list and other information, will be forwarded to you at once.

Unimproved Michigan farm lands located in Osceola county are offered for sale by Mr. H. W. Marsh, of Manistee, Mich., in his advertisement which appears on page 25. These lands were at one time covered with hard wood timber, some hemlock, but no pine. The soil is heavy and rich, clay or gravelly loam and well watered. They are good hay and grain lands, ideal for potatoes, and all fruits do well. They are guaranteed to be as fine as any land in the state, but are still wild and covered with some timber and must be cleared. Markets are close and plentiful and on good railroads. For terms and other particulars see advertisement and write Mr. Marsh for booklet.

If there is any reader of The Homestead who is considering the advisability of investing in lands in greater Oklahoma, which includes Oklahoma and Indian Territory, there is an advertisement on page 25 of this issue that will prove of great interest to him. The New State Tribune, which is one of the biggest papers in the new state, tells how, when and where to buy lands in that territory. In view of the fact that new lands are to be opened by the president's proclamation right away, this announcement by the New State Tribune will prove of more than ordinary interest. Some of the best farm lands on earth are said to be in this new greater Oklahoma. For further particulars address the New State Tribune, at Muskogee, I. T.

The present indications are that there will be a bumper corn crop. It goes by common consent that the most good can be obtained from corn when feeding or selling by shelling it, thus making gains in weight and also obtaining the cobs for fuel. Those who will have a large yield will be interested in knowing about the best shellers manufactured. An advertisement of the Sandwich Manufacturing Company, 143 Main St., Sandwich, Ill., appears on page 16, to which your attention is invited. This firm have been making and improving this line of machines for fifty years. It is fair to suppose that the most up-to-date machinery is made by them. Farmers desiring a clean and economical job should insist on having their corn shelled by

the most improved machinery. Send for their big 160-page catalog.

The Interstate School of Correspondence, of Chicago, Ill., offers courses of study under competent direction. There is no reason why young people should not perfect themselves in some branch of education, even if unable to leave their homes to attend school. The fact that the above institution is affiliated with a great university is conclusive evidence of the integrity of its work. See advertisement on this page.

Mr. G. L. Crookham, of Kearney, Neb., in an advertisement found on page 25 of this issue, is offering his ranch north and west of Kearney for sale. This ranch contains 4,590 acres, and is situated on the Loup River. The price is \$10 per acre and Mr. Crookham considers it dirt cheap at that price. The ranch will raise good alfalfa and corn. Mr. Crookham leaves about November 1st for Caldwell, Idaho, where he will engage in the wholesale lumber business with his brother.

The farm feed grinder is an indispensable piece of machinery on an up-to-date farm. There is all the difference in the world between feed grinders. All will grind, but some will grind faster and be easier on a team than others. A farmer wants a grinder that will grind and not mince matters. On page 18 will be found the advertisement of Mr. G. M. Ditto, of Joliet, Ill., who offers to send one of his latest double cut, triple-gear, ball-bearing feed grinders on ten days' trial without any advance of money. This is a rare offer and it will allow a satisfactory trial before buying. Don't miss this offer. Write for information about feed grinders.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., write: "We are getting a great many letters from parties who wish to trade for some of our land. Now we want it distinctly understood that we have no land to trade. We are offering to sell for the simple reason that we have more than we care to look after. This is our sole reason for offering this land for sale. We do not care whether parties purchasing this land pay more than one-third cash down on what they purchase, and they can have all the time they want on the balance provided they keep up the interest. These lands are all good investments and will pay from 10 to 15 per cent on the money we are asking for

them." When writing Messrs. Novinger & Sons, kindly mention this paper. Their advertisement will be found on page 24.

If you are thinking of going to Nebraska and want a good farm write to Mr. W. H. Grassmeyer, of Riverdale, Neb. He has some of the good bargains of the year. Write for his list of farms.

The great rush for cheaper lands is to the great Panhandle country of Texas. If you will write Mr. Thos. J. Pugh, of Omaha, Neb., he can give you some great bargains and now is the time to buy.

Special attention is called to the product, Hygeno, advertised on page 7 of this issue by the Hygeno Disinfecting Company, of Cleveland, Ohio. It is an exceedingly valuable coal tar disinfectant, one that destroys lice, ticks, scab, mites and all parasites that prey on farm animals. In addition, it cures mange, itch, ringworm and all other skin diseases. It may be used on wounds, scratches and cuts with the assurance that it will kill germs and consequently bring about rapid healing. Hygeno is not an experimental product, but one that has been tried by experts and pronounced a most satisfactory product for dipping or spraying. A free booklet will be furnished upon application to the Hygeno Disinfecting Company, Cleveland, Ohio.

With the very first frost of the season, nearly every reader of this paper is reminded of the fact that the most tedious and unpleasant task of the whole year yet remains to be done. We refer to corn picking, when rough hands, sore fingers, stiff joints in neck, wrists, back and legs are experienced by most corn huskers. Hot prickly itching and burning sensation of the skin caused by poisonous smut, increased perspiration and the sun's rays, are troubles met with by nearly all who work at corn husking. These troubles, however, are easily prevented by a liberal use of Cagwin's Husker's Liniment. If your dealer does not have it, send twenty-five cents to Mr. J. Cagwin, of Ames, Iowa, whose advertisement will be found on page 19 of this issue.

PILES A GREAT AFFLICTION.

Thousands of people suffer with piles from year to year and make no effort to have them cured. All of our readers who are in such condition should read Dr. J. C. McLaughlin's advertisement on page 19 of this issue. The

EDUCATE YOURSELF
..... AT HOME

Forty courses of study in Normal, Academic, Commercial and Pharmacy Departments. No other school can offer advantages of affiliation with a great university, courses of such strength that they receive university entrance credits, annual scholarships in the university for best work in correspondence courses. Instructors are college graduates who give their entire time to our work. Inquiries invited.

Interstate School of Correspondence

Affiliated with Northwestern University

370-378 Wabash Avenue

CHICAGO

PATENTS
ORWIG & LANE,
DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

ADIES to work on piecework \$3 per dozen. All materials furnished; no canvassing; steady work. Stamped envelope. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

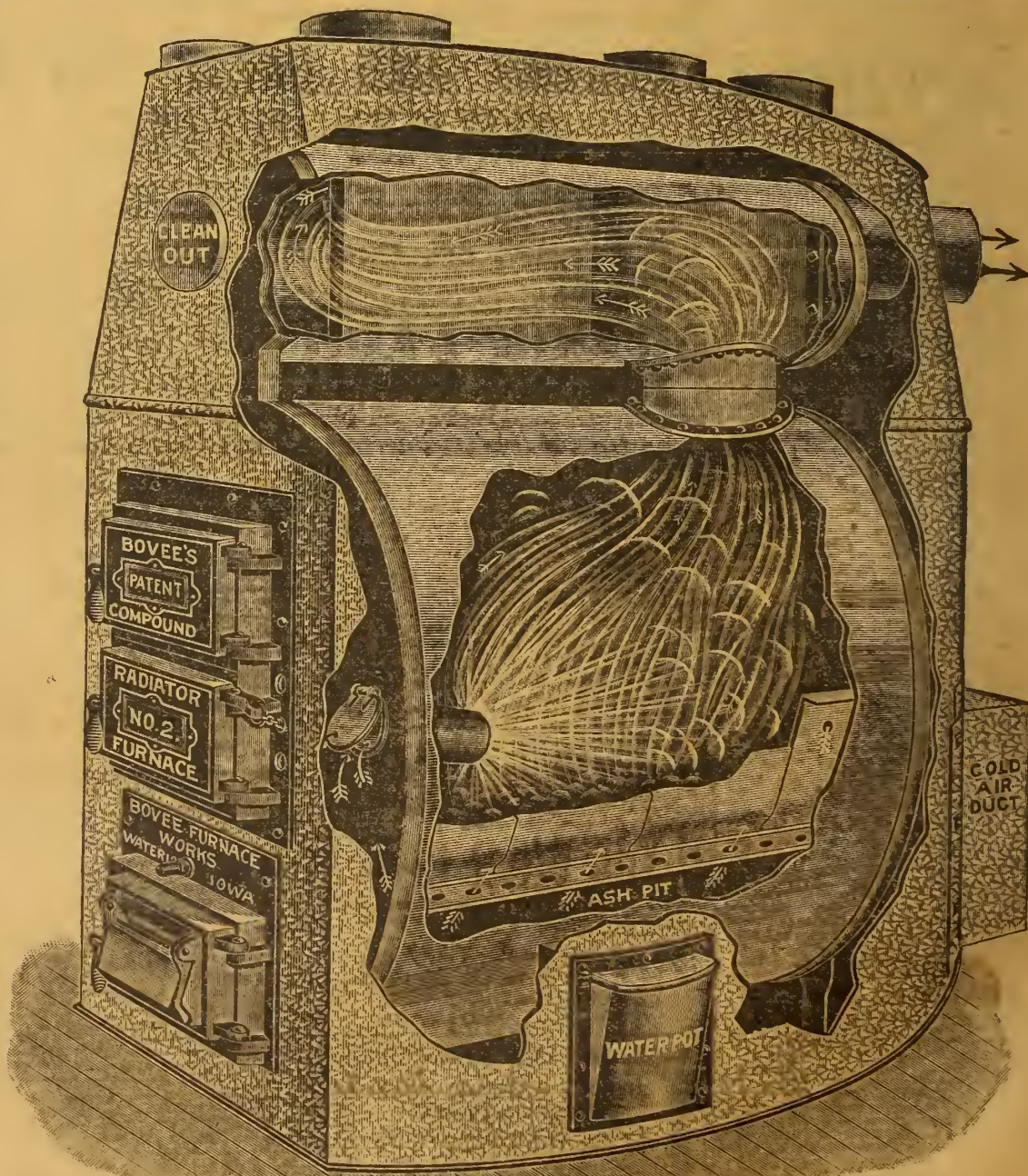
doctor is located at Kansas City, and is reputed to be a success in curing this trouble. He is a reliable man and no one need hesitate to deal with him, as he makes his word good in all dealings.

TEXAS LAND.

Our readers should note the advertisement of the Coldren Land Co., of Kansas City, Mo., on page 25 of this issue. They own a big tract of land in the Panhandle, and are selling it at low prices. Write them and get particulars.

BUY A FARM NEAR KANSAS CITY.

In this issue of The Homestead the Allen Investment Co., of Kansas City, Mo., are offering a splendid farm bargain, 550 acres of good land only thirty miles from Kansas City, one of the greatest markets in the world. This farm is offered at \$56 per acre, and there is \$6,500 worth of improvements on it. The owners of this farm have made money on this place and expect to buy a much larger farm. This shows that anyone buying it would do well. Furthermore, the land so near such a market is worth much more money than is asked for it. Better write at once, as it will not be on the market long



As it is now time to install a heating plant, we give an illustration of the Bovee Hot Blast Ventilating Furnace, manufactured by the Bovee Grinder & Furnace Works, Waterloo, Iowa, which has been on the market for ten years and is well known to be a reliable, economical furnace and the great advantage of its hot blast ventilating system in saving fuel and giving perfect ventilation in the house cannot be over estimated. It is considered by many to be worth the entire price charged for the whole heating plant. The extensive and economical method of manufacturing and selling employed by the Bovee Furnace Works enables them to sell a really high-grade furnace for much less than is usually charged, and we recommend every farmer to send and get their free catalog showing the many styles and sizes of houses and heating plants used, also much other valuable information in regard to heating.

at this figure. Look up advertisement on page 24.

A RELIABLE MAN.

Dr. J. C. McLaughlin, of Kansas City, has an advertisement in this issue calling attention to his great treatment for the cure of cancer, tumor, ulcers, etc. Dr. McLaughlin is a man of good reputation and he has been dealing with the public in this line for years. He makes his statements good, as he is responsible and reliable in all his dealings. If interested, don't fail to read his advertisement on page 20 and write him.

FARMERS HAVING HIDES, FURS,

Pelts, wool, etc., to sell are naturally interested in learning where they should ship their goods in order to obtain the best all-around treatment, both in regard to prices and grading of goods. In this connection we call our readers' attention to the Bernan Bros. advertisement which starts on page 19 of this issue. We believe this firm to be entirely reliable, and the reader should read carefully what they have to say, and if interested make them a trial shipment.

CURING HOG CHOLERA.

Hog cholera is conceded to be a germ disease, and the Cholerae Company, of Kansas City, have a remedy which kills the germs. This is the reason it has been curing hog cholera since 1889. This remedy also cures chicken cholera, which is also caused by germs. Hence, the same remedy serves both purposes. The Cholerae Company is a reliable concern. They sell this remedy at \$1 per box, and they refund the dollar if it isn't satisfactory—certainly a fair offer. It's a pretty low price, but the company is reliable and make their claims good. The remedy not only prevents, but cures. See their advertisement on page 17.

THE WOMAN ON THE FARM.

As a rule the woman on the farm has charge of the poultry. Goodness knows, she has plenty of small troubles in handling the birds to get the most productive results in weight of birds and number of eggs. To keep them well and healthy is the main problem. We have just read a very interesting little book, entitled "Chicken Chat," published by the Zenner Disinfectant Company, 31 Lafayette Ave., Detroit, and we understand that these people, the makers of Zenoleum disinfectant and insecticide, will be glad to send a copy of this booklet, charges prepaid, to any reader of The Homestead who will write for it. We earnestly recommend that every woman reader write at once. The edition is limited, and the first comers will be served quickest. Better sit down and write a postal card now.

MEADOW KING HAY CARRIER.

The J. E. Porter Company, of Ottawa, Ill., refer with pride to the substantial favor which its "Meadow King" hay carrier has met at the hands of the trade. The unique feature of this carrier is that the supporting dogs catch and hold the sheave or wheel of the fork pulley, thereby allowing the greatest range of adjustment with absolutely no friction on the supporting dogs, as the adjustment is obtained by the swinging of the pulley frame on the axle, while the sheave is perfectly motionless when in the carrier. The pulley enters high up in the carrier and enables the farmer to fill his hay mow full to the roof. Any of our subscribers intending to purchase a hay carrier should send for an illustrated catalog, describing their full line of hay tools and barn door hangers, to the J. E. Porter Company, Ottawa, Ill. See advertisement on this page.

A GUARANTEED WASHER.

The 1900 Washer Company, of Binghamton, N. Y., are making an exceedingly liberal offer in their advertisement on page 19 of this issue. They are offering a guaranteed washing machine on the weekly or monthly payment plan, the price of which is \$5.50, which amounts to ten and a half cents per week for a year or forty-six cents a month for twelve months. Every part of the 1900 Washer is guaranteed for a period of four years. It will wash the heaviest blankets, rugs and carpets and does not, like other washers, wear out clothes; indeed, it saves its cost in a few months. A postal card will bring you a pamphlet describing all about the 1900 home washer offer. This washer will be shipped to any responsible party on his request without a penny in cash being paid

in advance. For booklet address 1900 Washer Company, 124 Henry St., Binghamton, N. Y.

A NEW KEROSENE LAMP.

On page 19 of this issue will be found the advertisement of the Angle Manufacturing Company, of 78-80 Murray St., New York. This firm manufactures the Angle Lamp, which utilizes kerosene for lighting purposes, but on an entirely new principle. It is safe, convenient and easy to operate; is lighted and extinguished like gas, and may be turned high or low without odor. It gives a beautiful soft light that cannot be obtained in any other way than through the use of kerosene, used according to the new principle. Catalog No. 33 has a full description of this lamp, together with prices. It may be obtained free upon application to the Angle Manufacturing Company, 78-80 Murray St., New York.

SELECTING TREES AND PLANTS.

By adopting a decidedly novel and vivid trade mark, the Phoenix Nursery Company, 200 Park street, Bloomington, Ill., have made their products known and respected throughout every section of the land. Every plant, tree or shrub shipped from this nursery bears a red tag, hence the name, "Red Tag Trees." This red tag means that that plant is absolutely true to name and has been grown under the best possible conditions. This method of trade marking is a protective measure, the value of which is readily apparent to the purchaser. The Phoenix Nursery Company have been in existence ever since 1852, and at present they have over 600 acres in cultivation, and thirteen mammoth green houses filled with fine, healthy, stocky plants. The Phoenix Nursery catalog shows a wonderful collection of trees, plants and shrubs of every description—a veritable encyclopedia of plant life. It is a book well worth the perusal of everyone interested in trees, shrubs and plants of every kind. A copy may be had by simply requesting one by mail.

A TELEPHONE LIBRARY.

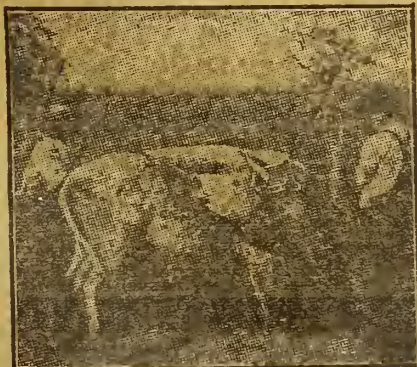
The attention of our readers is called to an advertisement of the Chicago Telephone Supply Company, of Elkhart, Ind., which appears on page 16. This company's offer of free booklets on telephones is really worthy of consideration, and readers who are interested in rural party lines will find it greatly to their advantage to avail themselves of the opportunity to secure one or more copies. These books are of unusual merit. One deals with "Telephone Lines and How to Build Them," another tells "How Telephones are Made," and another deals with "Magnet Telephone." All are handsomely illustrated with full page photographs of the telephone, showing latest improvements. This company undoubtedly have strong claims on the attention of farmers and others interested in rural telephone service, as the Chicago Telephone Supply Company have made a specialty of this branch of the business. Its "Free Lightning Insurance Policy" of its own telephone (copy of which will be sent to anyone on application) and its guarantee bond are remarkable assurances of protection. But the opportunity to add the telephone library to your collection of literature is one not to be overlooked. We advise readers to write early for these books.

MILK CAN BE MADE TO YIELD LARGER PROFITS

But the volume of the profits depends largely on the way your milk is handled. Everybody knows it the cream that makes milk "rich," as we say, yet a large number of milk producers are letting dollars slip through their fingers by continuing the use of old-fashioned methods of skimming cream when a modern cream-saving machine like the United States Separator would make their profits very much larger. The United States has proved to many a dairyman that it is the most profitable machine ever put on a farm. This is strikingly shown in the experiences related by Mr. R. A. Shufelt, on page 15, which may give some "pointers" to dairy-men who still persist in using the old gravity methods of skimming. The United States is a thoroughly standard, reliable cream separator, and made by a concern who have been successfully manufacturing dairy machinery for over thirty-three years. Their new catalog is very interesting reading, and contains many illustrations from photographs of the different parts of the machine, so that its construction and operation is made perfectly plain. They will be very glad to send one if you will just write to "Send new catalog No. 81."

HORNS POSITIVELY DANGEROUS.

Every cow in your herd may look very docile and kind-tempered. But cows cannot be depended on. They may suddenly injure you, your hired man, worry the herd and even cause their death or disablement. It's safer for all to dehorn every cow, steer and bull. Whether dairyman or stock raiser, this argument applies with equal force. Dehorned steers put on two to three hundred more pounds of flesh when compared with



those having horns, because they rest more quietly. Dairy-men need not fear to dehorn. The excitement lasts but a few hours and the little loss of milk (usually less than 2 per cent) is more than compensated by the greatly increased flow caused by the greater quietness of the entire herd. The humane instrument to use, manufactured by M. T. Phillips, Pomeroy, Pa., is the Keystone Dehorner. It is made in two designs—improved and regular style. Both are standard, the

Let Us Send You On Trial
This Two-Horn

DUPLIX

THE IDEAL Christmas Gift

Direct from our
Factory to any
Address in U. S.
FREIGHT
PREPAID



Double Volume of Sound.

THE Duplex is the first and the only phonograph to collect the vibrations and get all the sound from both sides of the record. Because the reproducer or sound box of the Duplex has two vibrating diaphragms and two horns (as you see) to amplify the sound from both sides of both diaphragms. The Duplex, therefore, gives you all the music produced—with any other you lose one-half. Compare the volume of sound produced by it with the volume of any other—no matter what its price—and judge for yourself.

Purer, Sweeter Tone.

BUT that is not all, by any means. For the Duplex Phonograph not only produces more music—a greater volume—but the tone is clearer, sweeter, purer and more nearly like the original than is produced by any other mechanical means. By using two diaphragms in the Duplex we are able to dispense entirely with all springs in the reproducer.

The tension spring used in the old style reproducers to jerk the diaphragm back into position each time it vibrates, by its jerking pull roughens the fine wave groove in the record, and that causes the squeaking, squawking, harsh, metallic sound that sets your teeth on edge when you hear the old style phonograph. In the Duplex the wave grooves of the record remain perfectly smooth—there is nothing to roughen them—and the result is an exact reproduction of the original sound.

Direct From Our Factory.

WE ask the privilege of proving to you that the Duplex gives a double volume of music, of purer, sweeter tone than any other phonograph made. We want to prove it at our expense. We ask you to let us send you one at our expense—under an arrangement mutually satisfactory—for use in your home one week.

Invite your neighbors and musical friends to hear it and if they do not pronounce it better—in volume

Write today for catalog and full particulars of our FREE trial offer.
You'll never regret it. Please address

The Duplex Phonograph Co., 179 Patterson Street, Kalamazoo, Mich.

SAVE ALL
the DEALERS'
70% PROFIT

ORDER EARLY.

Each horn is 18 inches long with a 17 inch bell.

An Entirely New Principle in Phonographs

- Two vibrating diaphragms to reproduce the sound.
- Two horns to amplify and multiply all the sound from both sides of both diaphragms.
- No tension spring and no swing arm to cause harsh, discordant mechanical sounds.
- Consequently, the Duplex produces a sweeter tone and greater volume of music than any other phonograph and is absolutely free from all metallic sounds.

Size of cabinet, 18 inches by 14 by 10 inches high.

and in tone—than the best old style phonograph, return it at once at our expense. That's a fair offer but it isn't all.

We save you in the price exactly \$70.15—because we save you all the jobbers', middlemen's and dealers' profits. We are actual manufacturers—not jobbers—and sell direct to you at factory prices.

Sold through dealers the Duplex would cost you at least \$100—and it would be a bargain at that. Bought direct from our factory it costs you (one profit added) only

\$29.85

And you get a seven days' trial in your own home—and under no obligation to keep it if you are not satisfied. You run no risk, for this advertisement could not appear in this paper if we did not carry out our promises.

Music In Your Home.

WITH the Duplex Phonograph you can enjoy a delightful selection of songs, poems, piano, banjo, guitar, or violin music, short stories, anecdotes or dialect pieces, all reproduced by the marvelous two horned Duplex with the faultless fidelity of an instantaneous photograph.

You can bring to your family and friends, in all their original beauty, the priceless gems of musical art, the classic performances of famous artists like Paderewski, D'Albert, Raoul Pugno, and Jau Kubelik.

Or, you can listen, entranced, to the magic notes of melody fresh from the throat of a Patti, Melba, or Calve, and the great dramatic tenors, Caruso and Tamagno.

And best of all, you can hear once more, the voice of dear old Joe Jefferson as, with matchless pathos he delivers the lines of Rip Van Winkle so familiar to a former generation.

With every Duplex we send free
three 10 inch records.

former being lighter in weight and of greater cutting power. It is built on the same principle as the regular Keystone. The Keystone sovers the horn "in a jiffy," with little pain. It leaves a clean, smooth stump that readily heals with scarcely any discomfort to the animal. All over in a minute. No sawing, torn flesh, crushing or mangling of head. The cutting blades are of the finest steel specially tempered—keen and strong. The Keystone is very popular at experiment stations. Mr. Phillips sends free a handsome book in orange and black that discusses the subject thoroughly.

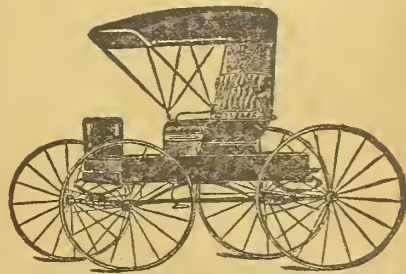
THE MODERN METHOD OF SELLING FARMS BY MAIL.

A new note has been introduced into selling real estate by the Glenn Realty Company, whose advertisement appears on page 25 of this issue, located in Kansas City, Mo. This concern have been eminently successful during their long business life in disposing of desirable farm property regardless of location. They employ a unique combination plan, which depends upon scientific advertising of the properties in publications that reach large numbers of real estate buyers, home-seekers and investors, and by personal solicitation among the buyers who visit Kansas City. Kansas City enjoys peculiar advantages in the matter of location, being the geographical center of the United States and having unsurpassed railroad facilities. This results in bringing more real estate buyers to that city, perhaps, than to any other city in the country. The Glenn Realty Company have excellent facilities for meeting and interesting these people, and the number of sales of farm property to their credit is almost beyond belief. This paper takes great pleasure in commending the Glenn Realty Company to prospective buyers or sellers of farm property. The concern are reliable, and their system is marvelously efficient in securing quick sales, satisfactory prices and perfect results in every way. The concern are located in the Kansas City Life Building, Kansas City, Mo.

HOG CHOLERA AND OTHER TROUBLES.

It is a long time since the corn belt states have been bothered so much with cholera and other troubles in hogs as at the present. And just now, while hogs are worth good money, is the time relief is most desired. It seems strange that the owners of good hogs will allow their herds to continue in bad health, full of worms and not getting the full benefit of their food. It is just as easy to keep hogs in good shape and growing nicely as to allow them to be unhealthy and subject to disease. Many of the best-known breeders and most extensive farmers in the country say there is sure relief for the hogs in the Snoddy system of treatment. Such men as Messrs. O. S. Sweet, Paulina, Iowa; P. W. Peterson, Vermillion, S. D.; J. C. Gaebel, Louisville, Neb.; Dave Rankin, Tarkio, Mo.; Geo. Seckman, Ripley, Ill., and hundreds of oth-

ers who have used this treatment for years very highly recommended it. These men are too well known to need introduction, and what they say counts for something. In their endorsements of this treatment these men say it is a great worm exterminator, a fine health and thrift producer and that it actually cures and prevents cholera, swine plague and like diseases. Write to Snoddy Remedy Company, Box 852, Des Moines, Iowa, for circulars showing the pictures and endorsements of the men above named, and hundreds of others. They will also send you a book of valuable information on the hog and his troubles. Investigate this at once and learn how to grow hogs with a profit to yourself.



NOW IS JUST THE TIME TO BUY THAT NEW BUGGY

In the Fall of the year, after the hard Summer's work is over, the weather settled, and the roads are usually good, it's a fine time to have a new buggy.

The Ohio Carriage Manufacturing Company of Cincinnati, Ohio, manufacturers of the celebrated Split Hickory vehicles, say that you will be surprised to know what a splendid Fall business they have on their made-to-order Split Hickory vehicles.

They say that a few years ago they did not receive many Fall orders, but that now people have commenced to realize that the Fall of the year is a fine time to get in their new buggy, on account of the good roads, and the fact that people seem to use buggies later in the season than they used to.

The Ohio Carriage Manufacturing Company is one of the largest manufacturers of high-grade vehicles in the country, and they sell the product of their entire factories direct to users by mail. They issue a fine catalogue, and their prices on vehicles, quality considered, are very low.

If you think you would like to have a nice new buggy this Fall, why not write to the Ohio Carriage Manufacturing Company now, and get their free catalogue at once? If you have never seen it, you will be surprised to know what a fine buggy book this concern issues, how reasonable their prices are, and how liberal their methods of doing business. Their address is the OHIO CARRIAGE MFG. COMPANY, Station 31 Cincinnati, O.

Porter's "Meadow King" Hay Carrier



Has wide open mouth, with swinging fork pulley. With this Carrier you can fill the mow closer to the roof of barn than with any other Hay Carrier. The throat of the Carrier has a very large opening, which permits the pulley to approach with a swinging load, and the load can swing in either direction when loaded in the Carrier.

J. E. PORTER COMPANY, OTTAWA, ILLINOIS.

Family and Veterinary MEDICINES

At half price. Write for catalog. FREE.
CARTER-LUFFCHEM. CO., Dept. G, Hudson, N. Y.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Oct. 19, W. C. Holmes, Osmond, Neb.
 Oct. 19, G. Briggs & Son, Clay Center, Neb.
 Oct. 19, Geo. R. Manifold, Shanou City, Ia.
 Oct. 20, H. E. Watson, Edinburg, Ind.
 Oct. 20, M. Mihills, Norfolk, Neb.
 Oct. 20, H. G. Warren, Inland, Neb.
 Oct. 20, J. E. Wehr, Portsmouth, Iowa.
 Oct. 22, M. W. Greer & Son, Rushville, Ill., at Rushnell, Ill.
 Oct. 22, F. Alldritt, Friend, Neb.
 Oct. 23, A. A. & W. G. Karschner, Wilcox, Neb.
 Oct. 23, T. E. Laurie at Jacksonville, Ill.
 Oct. 23, Page & Son, Friend, Neb.
 Oct. 23, W. E. Marrs, Albany, Mo.
 Oct. 24, Geo. W. Seckman, Ripley, Ill., dispersion sale.
 Oct. 25, Balmat & Son, Mason City, Iowa.
 Oct. 25, Thomas & Hogsett at Golden, Ill.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. E. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, Cutler, Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 7, Thos. Johnson, Columbus, Ohio.
 Nov. 7, Thos. Johnson, Columbus, Ohio.
 Nov. 8, S. S. Puckett, Lynchburg, Ohio.
 Nov. 8, Bar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 9, Whitehall Farm, Yellow Springs, O.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Nov. 27, Closing out sale, boars and sows, J. F. Lentz, Earlham, Iowa.
 Dec. 26, W. D. Pittman, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 1, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, J. A. Teter, Remington, Ind.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, H. Rigglin and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 15, A. W. Harris & Son, Waverly, Ky., at Louisville, Ky.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 23, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 THE ONLY WAY DUCRO CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 SHROPSHIRE SHEEP.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
 POLAND CHINAS AND HEREFORDS.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 REGISTERED DRAFT HORSES.
 Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hart, Arrowsmith, Ill., Mgr.
 O. I. C. HOGS.
 Nov. 2, O. L. Kerr Independence, Mo.
 SHORT-HORNS, POLLED DURHAMS AND POLAND CHINAS.
 Nov. 15, J. C. Glaser, Avon, Ill.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Oct. 23, Hector Cowan, Paulina, Iowa.
 Oct. 23, T. A. Daveport, Belmond, Iowa.
 Oct. 24, G. J. Mack, Clarion, Iowa.
 Oct. 25, C. E. Townsend, Anita, Iowa.
 Oct. 25, Rice & Lindsay, Clarion, Iowa.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 1, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 1, Jno. Rasmess, Lake City, Iowa.
 Nov. 5, S. E. Prather Co., at Springfield, Ill.
 Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 14, S. H. Thompson's Sons and Wm. Smith & Sons, West Liberty, Iowa.
 Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 24, W. M. McEmore, Seward, Neb.
 Nov. 27, 28, Parsons, Turner & Stewart, Newton, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 12, J. W. Hanna & A. Robertson, Garrison, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 19, C. A. Saunders, Manilla, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 March 20, James Stack, Harvard, Neb.

POLAND CHINAS.

Oct. 19, G. M. Hull, Burchard, Neb.
 Oct. 20, G. H. & J. L. Mahr, Corning, Iowa.
 Oct. 20, A. F. Graves, King City, Mo.
 Oct. 22, A. O. Stanley, Sheridan, Mo.
 Oct. 23, H. S. Chapman, Pawnee City, Neb.
 Oct. 24, J. R. Triggs, Dawson, Neb.
 Oct. 24, J. L. Miller & Sons, Brooklyn, Iowa.
 Oct. 24, Fred L. Rood, Clearfield, Iowa.
 Oct. 24, C. Lionberger, Humboldt, Neb.
 Oct. 27, Meece & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 29, B. M. Bell, Beattie, Kan.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 15, A. L. Meith, Cairo, Neb.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Nov. 26, G. B. Lobb & Son, Clay Center, Neb.
 Jan. 22, Roy Rockwell, Paulina, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 13, E. D. Keasey, Wiota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa.
 Feb. 15, M. P. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 19, C. E. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 20, C. W. Phillips, New Sharon, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 22, W. W. Wheeler, Harlan, Iowa.

THOROUGHbred HOGS AND CATTLE.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

HEREFORDS AND SHORT-HORNS.

Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

SHORT-HORNS, CLYDESDALES, PERCHERONS.

Nov. 9, A. H. Brett, Mason City, Iowa.
 SHORT-HORNS, SHROPSHIRE, CHESTER WHITES.

Oct. 22, L. C. Reese, Prescott, Iowa.
 SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.

Nov. 27-30, South St. Paul, Minn., D. R. Mills, Mgr.

Dates Claimed for Live Stock Sales.

ABERDEEN ANGUS.

Oct. 19, M. D. & C. G. Korn and Wm. Dixon, Hartwick; U. S. Grant, Brooklyn; A. H. Kimball, Ladora, and H. H. Reed, Mar-engo, Iowa.
 Oct. 23, G. E. Thornton, C. E. Bopes and others, at Aledo, Ill., W. C. McGavock, Mgr.
 Oct. 24, W. B. Seeley, Mt. Pleasant, Iowa.
 Oct. 25, McElhinny & Cubit, S. E. Edgar, and others at Morning Sun, Iowa. W. K. Henss, Manager, Wayland, Iowa.
 Oct. 31, John S. Goodwin, Naperville, Ill.
 Nov. 8, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1-2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4-5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

HEREFORDS.

Oct. 30, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.

Dec. 11-12, Armour-Funkhouser, Kansas City, Mo.

Dec. 19, E. R. Morgan, Blue Rapids, Kan.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.

Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.

Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.

June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

GALLOWAYS.

Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.

Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

SHORT-HORNS AND POLAND CHINAS.

Oct. 27, Geo. Manville, Faucett, Mo.

Nov. 21, Saddler Bros., Hastings, Neb.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glesman, South Omaha, Neb.

SHORT-HORNS AND DUCRO JERSEYS.

Oct. 27, A. P. Alsin, Boone, Iowa.

Feb. 25, W. C. Cameron, Herman, Neb.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

PERCHERONS AND SHORT-HORNS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.

PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

JACKS AND JENNETS.

March 5, L. M. Monsees & Sons, Smithton, Mo.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 15, L. W. Barnhart, South English, Iowa.

FIELD NOTES.

Mr. W. C. Frazier, of Atlantic, Iowa, offers Shropshire rams and ewes for sale.

Mr. Humbert's twenty-seventh annual importation of Percheron horses are now safely quartered in their barns at Corning, Iowa. They have eighty head of stallions and mares

and it will pay anyone who wants a horse to go and see them.

Mr. S. S. Stolt, of Kiron, Iowa, has some good Oxford Down rams for sale.

Augora goats are offered for sale by Mr. S. S. McKibbin, of Desoto, Iowa.

Cotswold rams are offered for sale by Mr. A. Latimer Wilson, of Creston, Iowa.

Dr. H. Pritchard, of Wisner, Neb., offers some great big Poland China boars for sale.

Big-boned, growthy Poland China boars can be had of Mr. John Schneider, of Remsen, Iowa.

Some good young Short-horn bulls are offered for sale by Mr. W. E. Cutler, of Corydon, Iowa.

Registered Shropshire rams and ewes are offered for sale by Mr. Willard Miller, of Anita, Iowa.

Thirty very choice Chester White boars are offered for sale by Mr. A. A. Rogers, of Inwood, Iowa.

Some very choice Sunshine boars are offered for sale by Messrs. William Uhe & Son, of South Omaha, Neb.

Fifty Hereford bulls and 100 choice females are offered for sale by Mr. Will Wheeler, of Harlan, Iowa.

A good stock farm of 320 acres is offered for rent by Mr. J. F. Lynch, of New Hampton, Iowa, on page 24 of this issue.

Twenty-five good males are offered for sale or exchange for land or draft stallion by Mr. L. Sheets, of Carson, Iowa.

Mr. Charles W. Dows, of Harlan, Iowa, has some good young Short-horn bulls and some well-bred Poland China boars for sale.

Messrs. Reubel Bros., of Rockwell City, Iowa, are offering thirty good Poland China boars for sale, and these have size, quality and finish combined.

Mr. Austin Renshaw, of Blair, Neb., is offering some good Duroc Jersey spring boars for sale sired by the noted Iowa State Fair winner, Junior Jim.

Remember the Duroc Jersey sale of Mr. J. E. Wehr, at Portsmouth, Iowa, on October 20th. He will sell a lot of good boars and sows on that occasion.

Mr. Henry Dorr, of Remsen, Iowa, has an excellent lot of Poland China boars for sale, and his stock always gives satisfaction, and his prices are always right.

Large, improved, English Yorkshires are for sale by Mr. F. Rabeller, of Leigh, Neb. This is one of the best herds in America. Write them for prices.

Mr. W. D. Pittman, of Lake City, Iowa, offers boars for sale by the World's Fair winner, Ohio Chief. If you want a Duroc Jersey herd header write him.

Mr. A. H. Gerot, of Riverside, Iowa, is offering Scotch Collie female dogs for sale at what he terms "snap prices" in his advertisement on page 35 of this issue.

Good Chester White boars and sows are offered for sale by Mr. G. W. Lawse, of Harlan, Iowa. Read his list of winnings in his advertisement in this issue of The Homestead.

Remember the Duroc Jersey sale of Mr. J. E. Wehr, at Portsmouth, Iowa, on October 20th. He is selling the tops of this year's raising, among which are a splendid lot of boars.

The Short-horn and Poland China sale of Mr. T. A. Baldwin, of Emmetsburg, Iowa, has been postponed from October 30th to some time in December, date to be announced later.

A better bunch of Poland Chinas is not offered for sale in the West than those that Mr. J. C. Hoag, of Manson, Iowa, is now offering for sale. Read his advertisement and write him for prices.

Choice registered Shropshire ewes and pure-bred unregistered ewes are offered for sale by Messrs. Daniel Leonard & Sons, of Corning, Iowa. They also have choice rams suitable for flock headers.

Mr. Minton L. Challberg, of Ogden, Iowa, has a few Chester White boars of April farrow for sale on which he will quote right prices. He guarantees their quality. See advertisement on page 35.

Mr. W. F. Kilpatrick, of Harlan, Iowa, can furnish the readers of The Homestead with White Wyandotte cockerels scoring from 94 to 96 points. Write him for prices as per advertisement on page 35 of this issue.

A grand lot of Poland China boars are offered for sale by Messrs. Henry Bros., of Le Mars, Iowa. These are mostly sired by Matchless Perfection Jr., the two times sweepstakes boar at the Interstate Fair.

Mr. A. C. Lanham, of Battle Creek, Iowa, offers a few good boars for sale sired by L's Sunshine, winner of second prize at the Interstate Fair. He is one of the largest and smoothest yearlings in the Northwest.

Mr. C. H. Drake, of Stockport, Iowa, has some large, early, heavy-boned Poland China boars of the very best blood lines, which he is offering to sell cheap to quick buyers. See his advertisement, which appears on page 35 of this issue.

Mr. Charles M. Hulbert, of Oakland, Neb., has some cracking good Poland China boars for sale sired by his noted prize-winning boar, Oakland's Prospect. To those who are looking for size, bone and finish we would call their attention to the Hulbert herd.

Mr. E. F. Escher, of Manning, Iowa, writes: "Just say to The Homestead readers that I never had such a uniform lot of boars as I am now offering for sale. These are mostly sired by my 1,000-pound boar, Gay Monarch. Special prices for next thirty days."

Mr. J. L. Barber, of Harlan, Iowa, offers some grand good Chester White boars and sows for sale, every one of which is either sired by a prize-winning boar or else is out of a prize-winning sow. He has some good ones and we can recommend them to Homestead reader.

Chester White breeders should order their boars from Messrs. Humbert & White, of Nashua and New Hampton, Iowa, proprietors of the champion herds of Chester Whites. This firm have won more ribbons this year at the leading fairs than any other herd. Write them for particulars and prices, kind-



Home of Evergreen Stock Farm herd of Poland Chinas, owned by the well-known breeder, Mr. Henry Dorr, of Remsen, Iowa.

ly mentioning The Homestead as per advertisement on page 41.

Mr. Bulus H. Flanagan, of Pleasantville, Iowa, makes the statement in his advertisement on page 35 of this issue that he has forty choice white Plymouth Rock cockerels and sixty good pullets for sale at low prices. They are of March and April hatch, pure white and of Pishel and Root strains.

Mr. M. M. Blimendorf, breeder of Duroc Jersey swine, of Lacona, Iowa, writes that he has purchased a son of Tip Top Notcher, and since he is pretty well stocked with the blood of Duke of Ohio 29529 he is now offering the latter-named boar for sale. Mr. Blimendorf's advertisement appears on page 47.

An auction sale of seventy registered Aberdeen Angus cattle is announced to take place in the sale pavilion, at Waterloo, Iowa, on October 23d, by Mr. H. J. Starkey, of that place. These cattle are said to be extra well bred and in fine condition. See advertisement which appears on page 43 of this issue.

Mr. Frank Kean, of Mt. Pleasant, Iowa, has some growthy Duroc Jerseys of the best of breeding which he is offering for sale on page 35 of this issue of The Homestead. Mr. Kean writes: "My bogs are not fat, but in good growing condition and are of good color, with extra heavy bone. I can furnish pigs not akin."

Mr. J. E. Stephenson, of Alburnett, Iowa, has six good Short-horn bulls ranging in age from six to eighteen months old which he is offering for sale to Homestead readers in his advertisement that appears on page 35 of this issue. They are Scotch topped and are considered by Mr. Stephenson to be good ones. He also has Poland China hogs for sale.

Mr. E. O. Wolcott, of Gilmore City, Iowa, has a choice lot of Poland China boars which he wishes to sell as per his advertisement on page 46. He writes as follows in regard to his stock: "The Poland China boar pigs that I am offering for sale are of the large, smooth kind, with plenty of bone and the best of breeding. The two-year-old boar is of the very best breeding and his pigs all have fine bone. I think this stock will please."

Mr. G. W. Sharp, of Marble Rock, Iowa, proprietor of the Shady Lane herd of Red Polled cattle, is offering choice stock for sale at low prices in his advertisement on page 45 of this issue. Mr. Sharp writes: "The four choice young bulls are gone and I am offering my herd bull, Chicago Boy, a splendid fellow, and a bargain if taken soon, as I cannot use him any more in my herd. I have had a splendid trade in Poland China boars, having only four left for sale."

The Michigan Land Association, of Manistee, Mich., is desirous of getting in communication with sheep breeders and stock raisers for the purpose of advising them what it means to follow these vocations in the state of Michigan. They have over 4,000 acres of first-class grass land which they will sell at low prices. If the reader of this notice is interested, drop them a postal, after reading the advertisement which appears on page 24 of this issue.

Mr. W. J. Hartung, of Maxwell, Iowa, breeder of Duroc Jersey swine, in sending in change of copy for his advertisement found on page 46 of this issue, writes: "My pigs are doing fine. I still have on hand some choice males that will make fine herd leaders for the farmers that will be priced within the reach of all to close them out at once, and everything that leaves Oak Park Farm leaves it with a guarantee that it is as described or money refunded. I have two pigs that are good enough for me to use in my herd; one sired by Manley Orion and is the top pig sired by Manley Orion this year; the other is by Keep On 2d, be by Iowa Banker, dam Nellie Banker by Reed's Banker. These are extra good pigs, good bone and color. I could spare one of them and will price him worth the money to anyone that can use a good pig. The rest of my males are sired by

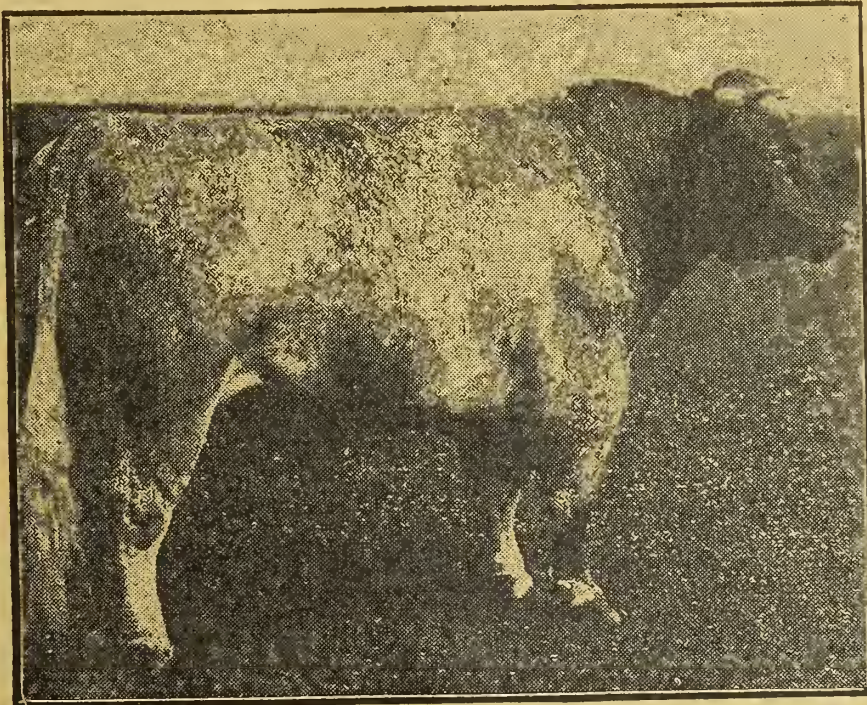
Malcom's Model 11, and Gold Standard. All gilts are reserved for my brood sow sale, February 9, 1907. This offering will be better than any offering I have ever made."

Messrs. Rood Bros., of Lake Park, Iowa, are offering some good male Duroc Jersey pigs for sale at farmers' prices, guaranteed to be all O. K., in their advertisement that appears on page 35 of this issue. They also have a few matured sows which they will sell, including Lady Bell 2d 49942, first-prize sow at the Minnesota State Fair in the one and under two year class. She is a wonderfully good sow and will do somebody a world of good. Anyone wanting a first-class sow and great breeding sow will do well to write them in regard to her.

Mr. W. C. Frazier, breeder of registered Shropshire sheep, of Atlantic, Iowa, writes: "I have prepared a list of registered Shropshire ewes for fall sales, giving the age, weight of fleece and price of each ewe. Among these ewes are some of my very best breeders, that always have twins and raise them, and whose lambs are of the best quality. There can be no complaint on the demand for sheep, nor in the way they are purchased. If you have what the people want and put a fair price on it, it is sold." See advertisement on page 18.

Mr. J. G. Truman, manager of Trumans' Pioneer Stud Farm, of Busberrill, Ill., writes: "I wish to say that our horses have arrived home from the Kansas City Royal in first-class condition. I am pleased to say that out of a possible four championships we won three. We also won practically everything in the Hackney stallion and mare classes and a good share of the Shire classes. We were never in a better position to supply our customers than at the present time. Notwithstanding our increased facilities, every stall is full and has a first-class stallion in it. I am advised by our Mr. J. H. Truman that he has another importation of Shire and Hackney stallions ready to leave England as soon as we have a little room for them here. While we are not advertising any low prices as a decoy to catch prospective buyers, I will say to your readers that we will sell them either a Shire or Hackney stallion for less money than any other importer can. The facts are, if we

in England and have been champions at the leading fairs since being in America. Two weeks ago at the Missouri State Fair our sheep won all the championships over strong competition from all over the United States and the champions from Canada. Our ewes with their high quality and being bred to such rams, nearly places them in a class by themselves and the lambs



British Glory 180304, Owned by C. F. Curtiss & Ogle, of Ames, Ia.; Head of Rookwood Herd.

wish we can sell them for about the same price as other importers pay for them in England, as owing to our buying facilities we can get them at a much lower price. We are offering every one of our prize winners for sale and we have twenty of them that have won prizes this fall at the different state fairs and horse shows. We shall be pleased to bear from any of our readers contemplating buying a stallion of either breed this fall."

Mr. U. G. Davidson, of Manson, Iowa, breeder of Duroc Jersey swine, in sending in new advertisement writes: "I have a few show hogs by Crimson Wonder I Am and Iowa Wonder that are now ready to go out. If these get into good hands they will be heard from later. I also have one of the best sons of Orion for sale. I am taking sows for service to Crimson Wonder I Am at \$100 service fee. None but sows of reputation and known quality will be accepted. Come and visit the herd or write and mention The Homestead." See advertisement on page 35.

Messrs. Chandler Bros., of Kellerton, Iowa, breeders and importers of registered sheep, write: "We have sold over 300 English and American-bred yearling rams this season to the best breeders throughout the United States and have no more to offer. Have a number of the biggest and best ram and ewe lambs that we have seen on one farm. They show great type and, no doubt, will mature to be wonderfully good sires. Ram lambs can be used on several ewes this season and will be worth more next year than they cost now. Ewe lambs can be purchased at a low figure and we will make special prices to those wanting a few. We are also offering 150 beautiful yearling ewes that have good size and mutton form, heavy fleeces and are first class in every particular. Seeing them will do anyone good that likes good Shropshires. They show the results of years of careful breeding from the best sires and dams that can be found in England. They are being bred to the Royal winning rams that we imported this year. These rams were first-prize winners

Rex Flintkote ROOFING

LOOK FOR THE BOY
MADE IN U.S.A.
REX FLINTKOTE

A Time-Tested Roofing

Rex Flintkote Roofing is not something that you need try at a risk. It is made by a firm that has been in business since 1837. It has been tested for its waterproof and fire-resisting qualities, for its durability and for its economy. We are in constant receipt of letters like the following:

"The Rex Flintkote Roofing that we put on our sheds in 1902 and 1903 is in good condition to-day, and after a new coating of paint this summer we think they will be as good as new. We have one roof of another brand that has always leaked and given us trouble, and we are going to replace it with Rex Flintkote."

Yours truly, Haynes Brothers, Cadillac, Mich."

Beware of imitations. The "Look for the Boy" trade mark is the sure guide. If you do not know of a dealer who has the genuine, write us for the name of one near you who does.

Sample of the roofing and booklet of roofing points sent free. We make a red paint for an artistic Rex Flintkote roof, where looks count.

FARM BUILDINGS.
N.P. LAWRENCE, NEBRASKA
COVERED WITH REX FLINTKOTE ROOFING

J.A. & W. Bird & Co., 88 India St., Boston
Chicago Office:
222 Lake Street.

feet. The pigs in this herd are worthy ones and if you want something extra good, get in correspondence with Messrs. Sandquist Bros. at once and be sure to get the best of the bunch.

Mr. James Spear, of Stanwood, Iowa, in his advertisement on page 35 of this issue is offering for sale some choice Aberdeen Angus bulls and heifers, also some Duroc Jersey swine of Orion and Advance blood. He writes that he will sell them very low, as he has more than he can winter well.

The "Wild Rose" herd of Poland Chinas, owned by that old reliable breeder, Mr. W. N. Booth, of Danbury, Iowa, was never in a better condition to furnish choice spring and fall boars than right now. No better breeding can be had than is to be found in the Booth herd and his prices are right.

The Old Reliable herd of Berkshires are once more occupying advertising space in The Homestead. Those of our readers who visited the state fair will remember the good exhibit made by Messrs. Houghton & Braman, of Marshalltown, Iowa. They have the good, useful bog, not overdone with feed, but in good breeding shape. They report that they have only had one non-breeder in the last five years. They write: "We advertise these bogs to sell and think we can suit most people from those looking for a showy herd boar to one for half the money for cross breeding purposes. Our litters run large and our sows are good mothers. We can sell groups very low for starting a herd." See advertisement on page 35 of this issue.

A public sale of Duroc Jersey swine is announced to take place on February 26th at Lake City, Iowa, the property of Mr. W. D. Pittman, at which time he will have for sale some of the best blood ever offered at public auction. Mr. Pittman says: "I will offer granddaughters of Nebraska Belle, also daughters of Zoov Orion, half sister to the \$1,275 hog, sold in Manley's sale last spring, and Ohio Chief gilts. Am going to use such males as Crimson Wonder Jr., Ohio Chief, Zoov Orion and Tip Top Notcher, out of Nebraska Belle II. Of the sows that I will offer for sale at that time, I have two Ohio Chief, two Zoov Orion, three Tip Top Notcher, two Leather Stockings, also Orion, but they are going almost every day. My males are fine ones and I can suit anyone at reasonable prices."

Mr. Fred Ebendorf, breeder of Poland China swine, Strawberry Point, Iowa, whose advertisement appears on page 46, writes: "Correct I know Jr. weighs 300 pounds in working order, is a large, showy bog from end to end, and is a great breeder. My fall males are a fancy lot with lots of size, quality and bone and weigh from 300 to 400 pounds. They are sired by L.'s Tecumseh 2d 70627 and are of October farrow out of Perfection and Tecumseh sows. All go at bargain prices. I also have some strictly choice spring males by L.'s Tecumseh 2d; several males that will make herd leaders by a son of Corrector, and a litter by Correct I Know Jr. These last will just suit parties wanting size. I also have several choice males by Hustle On that are developing nicely and which are just the type that all are looking for." Mr. Ebendorf also has a stock farm for sale which is well fitted for the handling of bogs. Full particulars can be had by writing him at the above address.

Messrs. J. L. Miller & Sons, breeders of Poland China swine, of Brooklyn, Iowa, writing in regard to the stock that will go into their public sale at that place on the 24th of this month, say: "We are offering a draft of Poland Chinas that for breeding and quality are as good as any that will go through a sale ring this season. We have sold no pigs this season, reserving them all for this sale. They are of the large, growthy type, with extra good bone and length of body, and are the very best of feeders. They are just the kind of hog that the breeders and farmers are looking for. Lady Wilkes 26358 has five September, 1905, boars in this offering that are good ones. No. 1 in the catalog is in this litter, and he will make a show hog with the right kind of care. Bess Chief 268024 has two fancy pigs of September, 1906, farrow that are corks and good enough to go in any company. They have fine heads and ears, and extra good backs, and are sired by J. L. Perfection 105711. Bess Chief also has four March, 1906, hogs in this sale that are sired by Willow Lawn Chief 105709. All that are good, lengthy, strong fellows. All the sires and dams of the hogs in this offering are recorded, and there will be no trouble in getting pedigrees. Homestead readers can rest assured that they will not

INVEST \$1 AND PROVIDE An Income for Life

Strange as it may appear, we actually pay a regular income on every dollar invested in our guaranteed Preferred Shares (with coupons attached like government bonds). Absolutely safe and profits sure—no risk. Own and control money-making enterprises, mining claims, real estate and a big \$50,000 modern business block; have been firmly established 16 to 20 years. Doing a big business and rapidly increasing.

Eight Dividends Paid!

With the December disbursements of profits we will have paid our stockholders eight dividends within two years, aggregating double the profits guaranteed. Invest now and get your share of the next big dividend. Every day you delay you are losing actual cash.

Free! To each person sending us \$1 to invest in our Guaranteed Preferred Shares we will promptly issue and send you certificate with income coupons attached, also prospectus fully describing our company, the property we own, and explaining in detail how to profitably invest larger sums. We will also send you free for a full year a beautifully illustrated Western Magazine, the only publication of the kind in existence; tells all about the West, and will keep you posted on the progress made by the company. We make this unheard-of offer to prove our honesty and good intentions.

Send Us \$1 and your income actually commences the very day your money reaches Denver. This is no scheme or humbug—if you are not delighted with the investment we will promptly refund your dollar and no questions asked. A few honest agents wanted. Remit by money order, registered letter or enclose a dollar bill (no more) in your letter and address at once.

ROCKY MOUNTAIN INVESTMENT CO.,
Sole Official Brokers,
129 Tremont Building, Denver, Colo.

be disappointed in attending this sale. It has been truly said that the boar is more than one-half the herd, and a few extra dollars invested in just the type of hog you want is money well invested. All are cordially invited to attend this sale. Note the advertisement on page 39 of this issue, and write Messrs. Miller & Sons, at the above address for catalog, mentioning The Homestead.

Mr. S. J. Miller, of Kirksville, Mo., whose advertisement offering fox terriers for sale, appears on page 16, writes as follows in regard to them: "The puppies that I am offering for sale are all well marked with black and tan hoods and plenty of body marking. The two aged females are snappers for some one. They are well marked and exceptionally well bred. Two better watch dogs cannot be found anywhere, and rats simply cannot live in the neighborhood where they are."

Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, write: "We have just returned from the Ohio, New York and Kentucky State Fair circuit, where we won seventy-nine ribbons out of a total of ninety-two. We also won fourteen champion and sweepstakes prizes, our herd being all of our own breeding and fitting but one. Golden Rule 14101 is certainly proving to be a great sire of show material. We sold the yearling boar, King's Pal, to Mr. Thos. Johnson, of Columbus, Ohio, at a very satisfactory price—the largest amount ever paid for a yearling. The two-year-old sow, yearling sow, fall sow and sow pig at New York and Kentucky were by Kan't Be Beat out of Rubertha 25756. We won second on aged sow at Ohio and New York and first at Kentucky. On yearling sow we won first at Ohio and first at New York, as well as champion. Also won grand champion at Kentucky and first in class under six months at New York and Kentucky. Rubertha was first in produce at Ohio, New York and Kentucky. We have many winners for sale and expect to breed this material for our February offering. We have a choice lot of Kan't Be Beat and Golden Rule gilts for sale." See advertisement on page 35.

On October 22d, at Prescott, Iowa, Mr. L. C. Reece will sell a draft of twenty-three head of Short-horn cattle, forty head of prize-winning Chester White hogs, and fifteen head of Shropshire sheep, and it promises to be one of the good sales to be held this year in southern Iowa. There will be fifteen cows and heifers, and eight bulls in the sale. Most of the offering will be sired by Vermouth, a straight Scotch Victoria bull that formerly headed his herd. Nearly all the females that are old enough will have calf at foot, and a great many of these will be bred again to his present Cruickshank bull, Sarcasm's Count. The latter bull is one of the most richly-bred Cruickshank bulls in the state. His sire is Imp. Count Violet and he is out of a daughter of Pride of the Realm, running down through Gravesend, Cumberland, Roan Gauntlet and Pride of the Isles. Many of the cows and heifers will be in calf to this bull. Of the families mostly represented in the Reece offering we find Victorias, Ianthes, Rose of Shrons, Pineapples, Josephines and other good families, and one thing that is particularly noticeable is that every female that goes into the sale is a breeder and carries the proof right with her. The cattle have been on grass all summer, and while not fat, are in nice condition. There are some good young bulls in this sale and one that we desire to make special mention of is My Choice. This young bull is sired by Vermouth, and his dam is Imp. Carnation, a cow that cost Mr. Reece over \$700, and she is one of the best cows today in the state. This youngster was a year old in July, is red in color, good in lines, and quite a stylish fellow. Some man who is looking for a bull to head his herd should go after this animal. Another good young bull is called Exception, and he is also a son of old Vermouth; is a roan in color and is a Scotch-topped Ianthe. The offering as a whole is made up of some very good and useful Short-horn cattle, and the man that buys in this sale will know that he is buying cattle that will make him money. He will sell forty head of Chester Whites, composed of spring hogs and gilts, and some yearlings and older will also be included in this sale. The Reece herd of Chester Whites stands second to none in this country. Mr. Reece has shown at all the leading state fairs and he never failed to land his share of the ribbons. Everything that goes into this sale will either be a winner or else will be sired by a winner and many by sweepstakes winners, viz.: Luverne, Right Stamp and Prescott Boy. The latter boar stands at the head of the Reece herd and has been one of the most consistent sweepstakes winners that has ever been shown at the Iowa State Fair. All of this year's show herd goes into the sale and those who saw them at the fairs this fall will realize that there are going to be some good things in this offering. He will sell his entire flock of Shropshire sheep, about fifteen head in all. These are all eligible to registry, and he has used an imported buck at the head. There will also be an imported ewe in the bunch and several of her descendants. When Mr. Reece bought he selected the best that money could buy, but he has now concluded he would close out his flock, so everything goes into this sale. Remember the date, Monday, October 22d, at Prescott, Iowa.

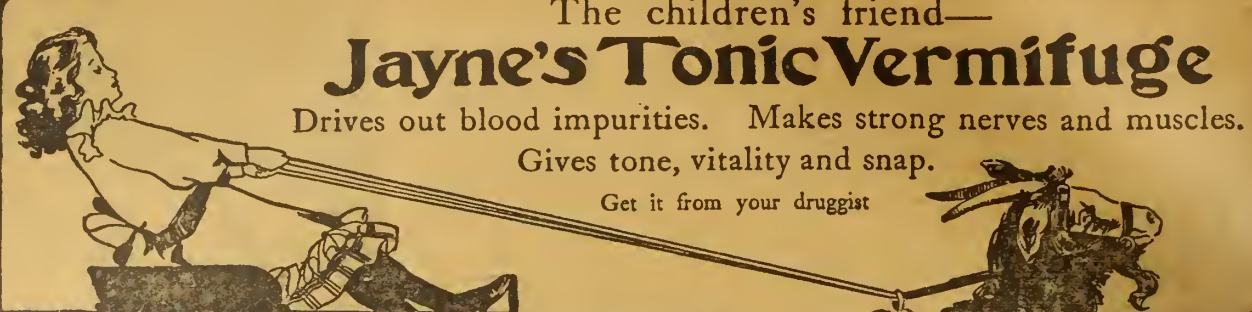
The "DEAN" Ear Corn Slicer

Any Farmer or Cattle Raiser should appreciate the advantage of slicing or chopping ear corn for stock. The health of all animals requires it. Feeders today know that grain should be mixed with "roughage." The cob is the best mixture for calves and steers. "The Dean" Ear Slicer soon saves its price in cob feed alone. Also saves time. Chops ears in 1/2 to 2 1/2 inch slices and cuts from 30 to 40 bushels an hour. Calfes thrive on the small slicing. It's so easily geared that even a boy can run it or any power can be attached. Elevator attachment to bin or wagon. Prices and terms very reasonable. Write today, for your stock's sake.

Soon Pays for Itself

Enterprise Wind Mill Co., 24 Main St., Sandwich, Ill.

The children's friend—
Jayne's Tonic Vermifuge
Drives out blood impurities. Makes strong nerves and muscles.
Gives tone, vitality and snap.
Get it from your druggist



Write for catalog and be kind enough to mention this paper when doing so.

Messrs. L. M. Monsees & Sons, of Smith-ton, Mo., claim March 5th for their annual sale of jacks and jennets.

Mr. S. J. Miller, of Kirksville, Mo., breeder of Percheron and French Coach horses, writes: "My horses are doing fine. The two-year-olds of my last importation weigh now from 1,800 to 1,850 pounds. A man wanting a horse when he sees these, cannot help but buy, as they are an extra lot and it is simply a pleasure to me to show such horses."

Mr. Geo. C. Mosher, owner of Hillcrest Farm, at Greenwood, Mo., who has a new advertisement in the Duroc Jersey department on page 46 of this issue, writes: "Having decided to sell our hogs at private instead of public sale, we will put a price on them that will move them out rapidly. Inquiries will be filled in the order they are received and everybody will be given a square deal. We have a number of sows with pig and a few bred for late fall farrow. Our two-year-old boars are of the finest breeding and have been getting great pigs." For prices write the Hillcrest Farm, Greenwood, Mo.

Mr. John Schmelder, of Remsen, Iowa, one of the pioneer Poland China breeders in the state, writes as follows: "I have 125 spring pigs and two grand fall yearling boars. They are heavy-boned fellows, very large and good all over. I also have thirty spring boars that are the best I have ever raised. I won first at Sioux City Interstate Fair this year on pig under six months and picked him out of a pen of forty, so you see he was not stuffed to death on a milk diet. I have a lot of pigs left that are just as good as this fellow and I will ship them to buyers and know that they will please. Six of my sows farrowed sixty-five pigs and raised fifty-eight, and therefore those who buy of me will secure stock out of large litters, which always denotes good breeders, and they will also get good, growthy pigs. The most of these are sired by Winning Perfection (105015), a winner of two prizes at the Iowa State Fair and the Interstate Fair." We urge all those who

CARVING SETS FOR FARMERS' NAMES

THE FARM MAGAZINE wants names and addresses of farmers. The publishers want to interest them in their splendid, big farm journal, which well-known farmers say is one of the very best farm papers. The subscription price is 50c a year, but the publishers offer to send our readers a full year's subscription and a genuine "American Cutlery Co." Carving Set in return for the names of only five farmers and 20 cents. This carving set will last a lifetime and give perfect satisfaction. Ebony-black wood handles, 8-inch ground steel cimeter blade, 2-time fork with patented safety guard. Each set warranted. Taylor Woolsey, restaurant proprietor, Council Bluffs, Ia., writes: "I used your carving sets in my kitchen 3 years and they give excellent service yet." Send and get one while they last. Address
THE FARM MAGAZINE CO., FLOOR WORLD-HERALD BLDG., OMAHA, NEB.

lion is fit to head any herd. The home-bred stallions are a grand lot, from one to five years old, all dark colors, sound, with plenty of size and bone and a bunch of so many sound young horses would be hard to find. We also have the finest herd of Percheron mares in the West and are offering several for sale. These are from one to seven years old, among which are several match teams. We breed and raise our horses on our farm three miles south of Fairfield, Iowa, and can make as low a price on stock, quality and breeding considered as anyone. Those wanting Percherons should write the above firm or go and see their stock.

HAMPSHIRE HOGS.

Mr. Hughes Atkinson, of Mt. Sterling, Ky., breeder of Hampshire swine, has an announcement on page 45 of this issue which should interest readers of The Homestead. The Hampshire swine or Thin Rind, as they are called, are exceedingly growthy and prolific. Throughout the corn belt hundreds of boars of this breed have been used with much success. The champion barrow at the International last year was a Hampshire. Mr. Atkinson is offering thirty spring boars for sale at reasonable prices, mostly sired by Stone's Duke, first in class at Illinois State Fair this year. He is also offering thirty bred gilts for sale ready to ship December 1st. Orders booked now. Look up the advertisement on page 45 and write for

\$20 SAVED
"Home Treasure" Steel Range.
A 340 8-Hole \$19.50
Range for... \$19.50
Has reservoir and closet as shown. Warranted for 5 years. Best value ever offered. For wood or coal. Shipped from factory to user; no middle profits.
Send for FREE STOVE CATALOGUE No. 80, showing over 80 styles of Cooking and Heating Stoves—Goods that have merit. 15 to 40 per cent saved.
A. J. CHILD & SONS MERC. CO. (Est. 1874) Box 201 ST. LOUIS, MO.



ing stock arrange to be on hand. The advertisement will be found on page 40.

RABELLER'S LARGE YORKSHIRES.

One of the largest and one of the best herds of Large Yorkshires in this country is owned by Mr. F. Rabeller, of Leigh, Neb. The foundation of this herd came direct from Canada and England, and consequently was the best that money could buy. Expense was not spared in procuring the best boars and sows for the Rabeller herd. Three imported boars now head the herd and they are good ones. He now has a grand lot of spring boars and gilts, all out of imported stock, and they are now ready to ship. If any of our readers want the Large Yorkshires they certainly get the very best from the above firm.

DUROC JERSEY BOARS AT CLOSING OUT PRICES.

On page 35 of this week's issue will be found the Duroc Jersey advertisement of Mr. J. F. Lentz, of Earlham, Iowa, who is making special prices on boars in order to close them out. These prices remain good for the next thirty days. He has sold his farm and must give possession, and, therefore, these boars must be sold. They are sired by Lentz Red 16903, Addy's Top Notcher and Gold Bug 43791, and are out of his best sows. Those who want a good boar at a reasonable price can get one of Mr. Lentz if they send him an order and do it at once.

TWO SCOTCH BULLS FOR SALE.

On page 35 will be found the announcement of Mr. Joe Steward, of Ames, Iowa, a well-known breeder of Short-horn cattle and Poland China hogs. Mr. Steward is offering for sale two splendid yearling Scotch bulls. One of them was one year old last May and was sired by Revenue and out of a Canadian-bred Scotch cow. The other belongs to the Scotch Vain Duchess tribe. He was sired by Golden Diamond and he by Imp. Golden Drop Victor. Both of these bulls are offered at farmers' prices, \$75 each. Mr. Steward has recently added to his herd two good cows bred to the Walnut Hill bull, Imp. Lovat Champion. For particulars see advertisement.

PERCHERONS AND BELGIANS ARRIVE.

Mr. A. L. Sullivan, president of the Lincoln Horse Importing Company, of Lincoln, Neb., who spent two months among the breeders of France and Belgium in picking out his latest importation, arrived home recently from his trip. A copy of a Lincoln paper says that Mr. Sullivan thinks this importation of Percheron and Belgian stallions "a little the best he ever brought over and he ought to be a good judge, for he has been importing fine horses for twenty years. The work of loading the big animals, looking after them during the voyage, unloading from the ship to the train and landing in Lincoln was performed and without a single mishap and the horses are now housed in the company's palatial barns in fine condition, though a little tired. When led out, however, they prick up their ears, step off freely and manifest a lively interest in their new surroundings. Mr. Sullivan long ago learned that the only way to secure the best horses in France, Belgium and Germany is to go among the breeders and buy directly from them, and for many years he has done this. This care in selection was justly rewarded at the recent state fair where the Lincoln Importing Horse Company carried off more prizes in these classes than all the other exhibitors combined. The competition this year was unusually strong, but this company won five firsts, four seconds, three thirds and three sweepstakes. Taking into consideration the number of horses required to win all these prizes and the present large importation, it can readily be seen that the company has on hand for this year's business a string of horses that can be equalled by but few im-

No. 2. IMP. PATIENCE THIRTY-FIRST. Cow

Red; calved Jan. 15, 1902. (Recorded in Vol. 56.) Bred by Lady Cathcart, Abereenshire. Imported by N. A. Lind. Owned by Hector Cowan.

Dams. Got by Clan McDonald 201057 A. Watson
Royal Pride 187633 Wm. Duthie
Imp. Lady Patience 30th Radnor of Cluny 175047 Lady G. Cathcart
Patience 28th Washington 141560 J. A. Gordon
Patience 19th Gamhettia of Cluny 187631 J. Cran
Patience 8th Lolluis Both 75977 J. Gordon
Patience 3d

No. 1. IMP. MISS LAW.

Roan; calved March 11, 1899. Bred by Alex. McDonald, Dunbhalloch, Scotland. Owned by Hector Cowan.

Dams. Got by Jubilee Star 166497 C. E. Law
Merry Archer 144779 Wm. Duthie
Stella Bachelor of Arts 157082 Lord Lovatt
Fanny Bannochburn 144845 J. Bruce
Alice Undine Dauntless 149532 A. Longmore
Young Undine Duke of Beaufort 141833 Lord Dunmore
Alice 4th

These two imported cows will be included in the sale of Mr. Hector Cowan, Paulina, Iowa, October 23d. See field note on page 39.

want a good pig and a square deal to place an order with Mr. Schmelder, and we know they will get what they pay for.

Messrs. William Ray & Son, of Defiance, Iowa, well-known breeders of Poland Chinas, write as follows: "We have had a nice trade on boars this season, but we have a few good ones left which we are pricing very reasonable, just to make room. If any of The Homestead readers want a good pig at a living price, just tell them to write us. We have not had a complaint so far from any of our customers and everyone seems pleased with our boars. Some of the best pigs we have raised this year are still with us, and we are now ready to let go. We have retained some of these in order that they would get their growth. We recently purchased of Messrs. Lock & Wellington a sou of the great boar, L. & W. Perfection, to head our herd. His dam is Lady Sunshine by Chief Perfection 2d. We also purchased a boar by Perfection I Know. We wish to say to Homestead readers that we are making some low-down prices for boars for the next sixty days, and we will be pleased to hear from anyone that wants a good pig." Read the advertisement of Messrs. Ray & Son on page 46 and write them for prices at once.

The well-known firm of Messrs. Maasdam & Wheeler, of Fairfield, Iowa, in furnishing copy for their new advertisement offering imported and home-bred stallions and mares for sale, found on page 35 of this issue, write: "We have just received an importation of Percheron stallions which arrived at our place in fine condition on October 10th. They are a first-class lot in every respect. Among them is one of the best-bred stallions imported this year. He is very dark gray, sired by the noted horse, Besique. He is large and has very heavy bone, and having such conformation he will surely be an impressive sire. Another horse of special mention is a black four-year-old that will make a 2,100-pound horse when matured. He has fine style, heavy bone and his breeding is of the best, being sired by Theudis. Such a stal-

lion is fit to head any herd. The home-bred stallions are a grand lot, from one to five years old, all dark colors, sound, with plenty of size and bone and a bunch of so many sound young horses would be hard to find. We also have the finest herd of Percheron mares in the West and are offering several for sale. These are from one to seven years old, among which are several match teams. We breed and raise our horses on our farm three miles south of Fairfield, Iowa, and can make as low a price on stock, quality and breeding considered as anyone. Those wanting Percherons should write the above firm or go and see their stock.

ILLINOIS Duroc AND CHESTER AWARDS.

In our regular report of the Illinois State Fair a somewhat serious error crept into the report of the Durocs and Chesters. Part of the Duroc awards appeared under the Chester title and vice versa. The complete and corrected awards appear elsewhere in this issue.

WALKER'S DUROCS.

Messrs. O. Walker & Son, of Palestine, Ill., breeders of Duroc Jersey hogs, are offering a few very select spring boars for sale sired by some as good boars as can be found. Two of them are sired by Our Chief 32479, he by Ohio Chief; two by Highland Chief by High Chief by Ohio Chief; two by Pilot Wonder 42707, a grandson of Pilot Wonder 9017 and I Am Perfection. These boars are the tops of seventy-eight head of spring boars and will please discriminating buyers. If you are in the market for a herd boar write at once as per the advertisement on page 46, kindly mentioning The Homestead.

KERR'S SHORT-HORNS IN THE MCGAVOCK SALE.

In the sale of Short-horns to be held at Kansas City, Mo., on November 2d, will be twelve head from the herd of Short-horns owned by Mr. O. L. Kerr, of Independence, Mo. Mr. Kerr when founding his herd of Short-horns used the same tactics as when founding his great herd of O. I. C. hogs. For this sale he sends eleven cows and heifers and one bull. The bull is a red Victoria and a desirable youngster, a sure breeder and a Scotchby fellow. Among the cows is a daughter of the champion Lavender Viscount; another is a Leonard-bred heifer, now two years old. She comes near being a show heifer; is one of those thick, meaty animals, evenly balanced and should go to some good herd. In following issues more will be said of Mr. Kerr's Short-horns that go in the McGavock sale and of other consignments. In the meantime write for a catalog and if wanting some desirable breed-

porters in the country. The three mammoth barns at the Sullivan farm are crowded to the limit. A cordial invitation is extended to everybody interested in fine horses to come and see those magnificent animals. The farm, as has been stated, is located just south of the state farm and is reached by the inter-urban cars and by the traction lines."

LAST CALL FOR W. E. MARRS' SALE OF DUROCS.

The last announcement of Mr. W. E. Marrs' sale of Durocs to be held at Albany, Mo., on Tuesday, October 23d, will be found on page 34. Breeders as well as farmers will find much stuff of merit in this sale, as Mr. Marrs bought the best breeding to be had when making purchases of foundation stock. He has grown his stuff well and for good backs, good feet and good colors few herds can show better. Mr. Marrs has not been in the business long enough to gain the prominence his herd deserves and for this reason anyone who wants a number of sows or a good, useful boar will find this a desirable place to buy. See page 34 for advertisement and send today for a catalog.

BERKSHIRE BOARS.

Mr. L. F. Boyle, of Hennepin, Ill., a well-known breeder of Berkshire hogs, has an announcement on page 45 of this issue which should interest readers of The Homestead. Mr. Boyle is offering three yearling boars for sale sired by Royal Combination II., a grandson of Lord Premier, a boar which has done much toward improving the breed and a prize winner at many leading fairs. Fifty spring boars of April and May farrow by Royal Combination II. and a good son of Masterpiece are also offered for sale. Readers of The Homestead wanting a Berkshire boar should write to Mr. Boyle at once for descriptions and prices. Mr. Boyle also breeds Shire and Percerson horses and has a number of very good stallions for sale. Write for prices and descriptions as per the announcement on page 45 of this issue, kindly mentioning The Homestead.

THE LAST CALL FOR THE TOWNSEND SHORT-HORN SALE.

The closing out sale of Mr. C. E. Townsend, at Anita, Iowa, on October 25th, promises to bring together some of the best Short-horn breeders in the West. He is selling fifty head in this sale and thirty of these are Scotch cattle, of the Miss Ramsden, Victoria, Mysie, Nonpareil and Autumn Queen families. All of his foundation Scotch cows go in and there are some extra good ones among the number. As breeders they are hard to beat, each one having several representatives in the sale. There will be ten Scotch bulls in the offering, including the herd bull, Sovereign Cupbearer. He is five years old and is a son of Imp. Sovereign and is out of a daughter of Imp. Cupbearer, the hero of many a hard-fought battle in the best show rings of this country. He has been a good breeder in the Townsend herd, but will be now goes with all the rest. There will be a lot of good Scotch heifers in the sale. Some of these will be bred to the young Scotch bull, Crimson Count (also sold in the sale) and some will be sold open. There are some good Scotch-topped cows and heifers in the bunch and it will be a splendid opportunity to secure a lot of good cattle. Mr. Townsend is leaving the state and is entering another line of business, hence the dispersion of this herd. He says that he has never had a business that has paid better than this herd of cattle, but they must now

be disposed of. Every breeder of Short-horns should have a copy of his catalog and then he will be sure to attend the sale, especially if he wants some good Short-horns. Write for it and please mention The Homestead.

ASA TURNER'S DUROC JERSEYS.

Attention is again called to the fine bunch of young Duroc Jersey boars that are being offered by Mr. Asa Turner, of Farrar, Iowa. These are sired by King Perfection 16235 by Banker Boy 2d out of Fancy Perfection. Some of the young boars are also sired by Advance Lad. Some of the sows were notable prize winners. Among the sows are Princess 26064 by Elite 6553 out of Countess 19750. Prospect 79792 by Shakespeare 6393 was a winner at the Iowa State Fair, as was Maxwell Belle 33480 by Ohio Prince. Miss Luther 33502 by Luther's Chief Jr. is another prize-winning sow at the Iowa State Fair. All of Mr. Turner's young boars are out of these sows and are sired by the boars mentioned above. They are fancy in color, of good length of body, have good, strong bone and are throughout a uniform, high-class lot. For further information address Mr. Asa Turner, Farrar, Iowa.

AN IMPORTANT SHORT-HORN SALE.

Breeders of Short-horn cattle should not miss the dispersion sale of Riverdale herd of Short-horns, which will be held on Monday, November 5th, at the Illinois State Fair grounds, Springfield, Ill. This herd, the property of S. E. Prather Company, is one of the best to be found in America. For nearly thirty years this herd has been producing cattle which have found ready market. The best of Scotch bulls have been used and the females represent the choicest breeding to be found in any herd. Thirty-two cows and heifers and ten bulls have been listed, including the herd bull, Imp. Highland Champion. This noted bull is one of the best pions. This noted bull is now at the head of Walnut Hill herd of Short-horns, owned by Flynn Farm Company, of Des Moines, Iowa. Highland Champion is a bull of great substance, thick fleshed, solid red, very blocky and a splendid breeder. A younger herd bull, Pride of Riverdale, calved in March, 1905, is also included. He is one of the richest-bred Cruickshank bulls in America. His sire was the Duthie-bred bull, Imp. Pride of the Realm, and his dam was Sibil by Imp. Banker, a bull used with much success by Mr. C. C. Norton. There are a choice lot of young bulls in the sale. In our next issue we will have more to say regarding this good herd and would advise our readers to write at once for catalog, kindly mentioning The Homestead.

SHORT-HORNS IN THE MCGAVOCK KANSAS CITY AUCTION.

In the advertisement in this issue appears a full list of the consignors to the Short-horn sale at Kansas City, November 2d, under the management of Mr. W. C. McGavock, Missouri and Illinois breeders furnish the cattle, and there are included many animals that should prove exceedingly attractive. Several prominent breeders at Edinburg, Ill., are sending some good ones to this Kansas City sale. Col. T. B. Hart includes five head, four of which are by Imp. Sovereign. The yearling bull, Claret's Sovereign, from the Clara cow, Imp. Clara 2d, which was pronounced by Mr. I. M. Forbes to be the best yearling heifer of his 1901 importation, is a bull of grand scale and quality, and certainly there is no better-bred one. Rarely are three such heifers consigned to a combination sale as the three by Imp. Sovereign that Colonel Hart includes on this occasion. He also is sending a herd header in Barondale, a Nonpareil youngster bred by Mr. J. W. Prather and sired by Imp. Bapton Sovereign. Mr. J. K. Alexander includes in Scottish Crown one of the best yearlings that he has ever bred. He is a Scotch bull, descending maternally from Imp. Eliza, sired by the prize-winning Scottish Stamp and having seven Cruickshank crosses in his pedigree, as it appears without tabulation. Mr. I. W. Baughman, for whom Mr. McGavock recently sold the stock bull, Bapton Gloster, includes some high-class sons of this bull and some cows in calf to him. In the consignments of Messrs. W. L. Wright, of Vandalia, Mo., and F. M. Branstetter, of Mt. Carmel, Mo., there are several imported Scotch cows, one of which has a heifer calf at foot by Imp. Lavender Viscount, and all of which are just the kind that are commanding prices in the auctions in this country or any other in which they are offered. The various offerings will be commented upon in the next

issue, but from the few facts we have given with reference to the character of the auction, it will be seen that it should interest Short-horn breeders and cattle men generally. Seventeen bulls and forty-three cows and heifers are cataloged and the event promises to be one of the most interesting to be held at Kansas City this season. Manager McGavock will take pleasure in mailing catalogs to all applicants. See page 40 for advertisement.

THE LAST CALL FOR THE TOWNSEND SALE.

The closing-out Short-horn sale of Mr. C. E. Townsend will be held at Anita, Iowa, on October 25th, when the entire herd, composed of about thirty head of Scotch cattle, will be sold. Included in this sale will be some richly-bred Victorias, Miss Ramsdens, Orange Blossoms and Nonpareils, and his well-known Scotch herd bull, Sovereign Cupbearer, goes with the rest. He is a five-year-old son of Imp. Sovereign and out of a daughter of Imp. Cupbearer. This red bull has been used with much success in the Townsend herd and he has a choice lot of young bulls and heifers in the sale to testify to his breeding qualities. There will also be ten young bulls in the sale, all Scotch, and out of his best cows. The breeding cows, an especially attractive lot, rich in pedigree and splendid individuals, furnish an attraction that our best breeders cannot afford to overlook. They are cows of decided feminine character, and they are breeders of exceptional merit. Besides these, is a nice line of Scotch heifers, mostly sired by Sovereign Cupbearer and out of these same cows. We might make mention of each individual in the sale, but there are so many good ones that we will leave it to the catalog to tell the story. We want to say, however, that breeders will find in the sale a great many things that will do to put into their herds for foundation material. Mr. Townsend has issued one of the most comprehensive catalogs of the season, well illustrated and complete in its every detail. Write for one at once and be kind enough to mention The Homestead.

THE LAST CALL FOR HECTOR COWAN'S GREAT SHORT-HORN SALE.

On October 23d, at Paulina, Iowa, Mr. Hector Cowan, unquestionably one of the most noted breeders in northwestern Iowa and the state, will make his fourteenth annual sale. It is certainly within bounds of reason when we say that never before has he sold a more representative lot of well-bred and useful Short-horns. About half of the offering will be Scotch cattle, among which will be fifteen females and eight bulls. Among the Scotch cattle offered in this sale will be the two great cows, Imp. Miss Law and Imp. Patience 31st. The latter is one of the most typically Scotch, low-down, wide-out cows that will be sold this year. She is a beautiful red, symmetrical in all her lines, with a back on her that is as wide as a wagon. She has a beautiful head and horn, set on a short, thick neck, a well-sprung rib, and fullness of quarters, and depth of middle that make her one of the great attractions of the year. She is put into this sale as an attraction and some enterprising breeder who is looking around for a show cow for next year will find in her one of the exceptionally good things of the breed. Imp. Miss Law is a large roan cow, a daughter of Jubilee Star 166497, and out of a granddaughter of the great Scottish Archer. She is one of those richly-bred Undines, an excellent individual and a good breeder. Among the other Scotch tribes are Miss Ramsdens, Brawith Buds, Secrets, Mysies, Golden Drops, Crimson Flowers, Sunies, Blinks, and other good tribes. Lakewood Victoria is a five-year-old Brawith Bud cow, a daughter of Cracidian Boy and out of a daughter of the Cookson-bred bull, Victor Chunk. She is one of his best breeders and is safe in calf to Imp. Nonpareil. Mr. Cowan is putting about ten daughters of Imp. Nonpareil in this sale and there are some great prospects among this number. One of these is called Sweet Zephyr, a two-year-old roan heifer by Imp. Nonpareil and safe in calf to Gladstone, a son of the great Whitehall Sultan. Another good two-year-old is Miss Walpole by Ury Prince and out of Bonny Belle Lancaster 2d by Lancaster Comet. She is a Miss Ramsden and is bred to the great show-yard winner, Cumberland's Last. Golden Lass is a three-year-old daughter of Golden Lord and out of Imp. Sunny Blink 6th. She is a very neat heifer, of decided quality and substance and is due to calve to Imp. Nonpareil. There are other good heifers in this

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sale, just as good as these we have made mention of, and they must be seen to be appreciated. Ten of the cows will have calves at foot and others will be bred and safe in calf. Most of the cows will be bred to Imp. Nonpareil, while a great many of the heifers will be bred to Anoka Archer, a full brother to the great Ceremonious Archer. There will be nine bulls in the sale sired by Imp. Nonpareil, one by Aberdeen Prince and one by Fame 220065. These bulls range in age from eleven to eighteen months, are all red in color and there are several very good ones in the bunch. These cattle are in nice condition, notwithstanding they have been on grass all summer. It is a decidedly high-class offering and one that should attract our very best breeders. Write Mr. Cowan at once for catalog and kindly mention The Homestead.

MARTS' DUROC JERSEY SALE.

The final announcement for the Duroc Jersey sale to be held by Mr. B. C. Marts, at Polk City, Iowa, on October 26th, appears on page 44 of this issue. Mr. Marts is furnishing notes in regard to the stock to be sold, writes: "There will be twenty boars and twelve gilts. These boars are of March and April farrow, not stuffed, but grown for future good; never were shut up a day, but always on pasture. There will be two hogs sired by Keep On, the first-prize boar at the Iowa State Fair, 1905, which also headed the first-prize young herd. One of these pigs is out of an Iowa Jumbo dam, he by the great Jumbo Red, and the other is from a Promoter dam. These pigs are good. Then there are two out of Col. Perfection and from an I. J. Chief sow. He was first-prize aged boar at the Indiana State Fair in 1905. These pigs are right, good length, with strong backs and extra good legs, feet, head and ears, with finish to spare. They will make great boars. There are three by Proud Advance and from a Matchless Chief sow, one by Golden Rule and from a Kan't Be Beat sow, grandam junior sow World's Fair. This pig ought to be looked after by some good breeder. There are two good ones by Model Jim, he by Malcom's Model by Top Notcher, dam Miss Nell by Top Notcher Chief, junior champion at St. Louis, he by Top Notcher Again, the old sweepstakes boar of the East. There are also several by Joe Patten that are good. The gilts are all sired by Park Lad, he one of the latest sons of Promoter and out of Chalenger dams. These gilts are good, with lots of finish. Sale will be held at the farm, with free conveyance to and from Ankeny, where all parties who attend sale are requested to come." Catalogs are now ready. If interested write Mr. Marts for one, mentioning The Homestead.

A TWO DAYS' DISPERSION SALE OF HEREFORDS.

On Tuesday and Wednesday, October 30th and 31st, at the Grass Hills Stock Farm, three and one-half miles east of Bolckow, Mo., and two and one-half miles west of Cawood, Mo., Mr. L. W. Craig, of Bolckow, Mo., and Mr. John Foulz, of Rea, Mo., will disperse their respective herds of Hereford cattle. Both these gentlemen own good herds that are well bred and that are classed as working herds. The writer has never seen more cows with calves at foot listed for one sale and as these gentlemen are making absolute dispersions, buyers will have a chance at all their best breeding stock. Mr. Foulz has been breeding Herefords for a number of years and the herd owned by Mr. Craig was founded some five years ago. When buying his foundation stock Mr. Craig bought liberally of the best to be had, paying particular attention to scale and quality. As a result few herds can show breeding stock that has more scale and stock that shows that Mr. Craig knew his business. From the herd of Mr. H. A. Naber, of Wallaula, Kan., Mr. Craig bought several daughters of Anxiety Grove 2d; from his neighbor, Mr. Jno. Foulz, several head tracing close up to Statesman and Don Carlos were bought. These have been well cared for, bred to good bulls and as a result Mr. Craig will offer a nice lot of well-bred Herefords. The only bull in Mr. Craig's offering, aside from bull calves that sell with dams, will be the present herd bull, Kermit 188503, now two years old. He was got by Imp. Kensington that stood second at the recent Iowa State Fair and the Interstate show at St. Joe. On dam's side Kermit is a great-grandson of Hesiod 14th and sweepstakes both great bulls of their day. As an individual Kermit ranks well up. His head and horns are about right, he shows the desired spring of rib, the loose, mellow hide and is an evenly-balanced bull built plenty close to the ground. As a sire he has made good in Mr. Craig's herd. The young things are all by him and all cows are rebred to him. Mr. Foulz sells his herd bull, Norman, a grandson of old Java and a bull that is rich in the blood of Anxiety. Five sons of Norman are listed and all are good, strong, sappy fellows ready for active service. In the female section of the sale are many cows that should appeal to those who like the kind that are easy keepers and regular producers. Of the forty-five lots to be sold, fully one-half are cows that will weigh from 1,500 to 1,800 pounds each, and this on grass



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CRIMSON WONDER No 26355
W. KIRKPATRICK LINCOLN NEBR.

The above illustration is of one of the great boars of the Duroc breed. His get have made a record as sires as well as show boars. The boar was recognized as one of the coming boars of the breed. His death ended all chances of more glory. His get are keeping up his record.

alone and suckling big, strong calves. They are the low-down, evenly-built kind that please the man who goes after the beefy sort. Eighty-six lots are cataloged and as only ten bulls are listed, buyers of she stuff will find this one of the opportunities of the year. Catalogs are ready and will be mailed to all who make request for same. See page 28 for advertisement and write either Mr. Craig or Mr. Foulitz, mentioning The Homestead.

HUMBERT & THOMAS DUROC SALE.

On November 3d Messrs. Humbert & Thomas will make a public sale of Duroc Jersey boars, sows and spring gilts at Corning, Iowa. They have selected twenty-five boars and twenty-five sows for the occasion, and propose to show the breeders that they are selling one of the best bunches of Duroc this season. The boars are nearly all sired by Tip Top Notcher Gold Dust (a son of the World's Fair sweepstakes boar, Tip Top Notcher), and these are out of their best brood sows. There will be a number of fall boars in the sale, the rest will be of spring farrow. The gilts are all sired by the same boar and they are selling a choice lot, many of which could be bought by breeders and put into a brood sow sale and double their money. They are selling a few brood sows with litters by their great boar, Gold Dust Jim 2d, a son of the well-known sweepstakes boar, Gold Dust Jim. One of these is a Hoosier Banner sow, and a most excellent breeder. Among this offering will be a very choice lot of boars and gilts, and both farmers and breeders can help themselves materially by securing some of the good things to be sold on this occasion. A bid sent to Messrs. Piper Bros. will be properly attended to. Their catalog is now out of press and will be mailed on application. Kindly mention The Homestead when writing.

A. O. STANLEY'S ANNUAL SALE OF POLAND CHINAS.

On next Monday, October 22d, at the Valley View Farm, four miles southeast of Sheridan, Mo., Mr. A. O. Stanley, of Sheridan, Mo., will hold his eighth annual sale of Poland Chinas. Mr. Stanley is one of the men who stay with the big kind that have quality and in this, his eighth annual sale, he thinks he is offering the best lot of hogs he has ever put through a sale ring. In addition to those mentioned last week we wish to call attention to lot numbers 8, 9 and 10. No. 8 is a show sow in any company. No. 9 is a show sow in any company. No. 10, her litter brother, will be found desirable as a herd boar. They were farrowed in July, 1905, and got by Joe Profit and out of My Hanna Lady. A spring litter of this breeding is cataloged as Lots 39 to 43, inclusive. They, too, are desirable, and Lot 43, the boar of the litter, is a herd header. Lots 2, 3 and 4 will be found big, heavy-boned boars and safe ones to buy. Lots 5, 6 and 7 are sows from the same litter. No. 5 is probably the best, as she has great length, a good back with well-sprung ribs and is a well-finished sow. A number of matured sows are listed, all being sows that are profitable as breeders. Lots 11 to 15, inclusive, are granddaughters of Mr. Fred L. Rood's great brood sow, Giantess. Their dam is a large sow and comes from big ancestors. She is listed as Lot 16. Mr. Stanley has been in the pure-bred hog business all his life and for his annual sales lists his best stuff. Those from a distance will find free livery from either Sheridan on the Great Western or Grant City on the C., B. & Q. railroads. See page 45 for Mr. Stanley's advertising and remember that the sale is next Monday.

GRIFFITHS' DUROC SALE.

One of the good offerings of Duroc Jerseys to be disposed of at public auction this season is that of Mr. H. B. Griffiths, of Bowen, Ill., which will be offered at public appraisal on Friday, October 26th. Mr. Griffiths has selected for this sale two yearlings, ten fall yearlings, eight spring boars, five sows, five fall gilts and ten spring gilts. They represent the get of such noted breeding and show boars as Hanley, Tip Top Notcher, Big I Am, Ambition and Golden Echo. We wish this week to call especial attention to some of the attractions of the offering. Tip Top Nick is a March yearling boar by Sec's Kan't Be Beat by Kan't Be Beat, and Uneeda Top Notcher by Tip Top Notcher. He has been used and proven himself a good breeder. Lad's Top Notcher and My Top Notcher are two good fall boars by Tip Top Notcher and are out of an unusually good sow, My Lad's Goldie by Sec's Kan't Be Beat. Some breeder wanting an extra good Tip Top Notcher boar should not overlook these which Mr. Griffiths has cataloged. Buddy Top Notcher is a fall yearling by Big I Am and out of Uneeda Top Notcher. Big I Am fall boars are scarce and especially the good ones, and this one should not be overlooked. Eight fall boars by Griff's Banner, he by Suburban Chief by The Lad For Me, are strong, vigorous fellows and will suit breeders who are in the market for herd headers. Big I Bill is a spring boar of unusual merit by Ambition and out of Good Enough by Buddy K. IV. Two spring boars that are sure to please are sired by Big I Am and out of Anna Duroc, she by Rival Prince. Two Hanley boars are cataloged. Their dam is My Lad's Goldie by Sec's Kan't Be Beat. They are sure to please discriminating buyers. Two boars by Golden Echo, the top boar in the Kraschel fall sale of 1905, and out of Helen Blazes V.,

litter sister to Helen Blazes III., the \$1,000 sow sold to Mr. J. Coy Roach, combine richness of breeding and individuality such as are seldom seen. Uneeda Banner and Plover Lady are two spring gilts by Griff's Banner and out of Uneeda Top Notcher. They are of strictly show-yard type and will please discriminating buyers. A spring gilt by Ambition and out of Good Enough by Buddy K. IV., is a richly-bred gilt of the highest type. She will do to top some brood sow sale of the winter season, or will prove a valuable addition to some good herd. Any breeder or farmer in search of good breeding stock should not overlook this sale. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly cared for. Write for catalog at once, kindly mentioning The Homestead, and plan to be present sale day.

LAURIE'S DUROC SALE.

One of the good Duroc Jersey breeders to be found in this country is Mr. T. E. Laurie, of Jacksonville, Ill. He has for a number of years past been engaged in this business and enjoys the confidence of everyone who knows him. His forthcoming sale, while will be held on Tuesday, October 23d, contains some of the best breeding to be found anywhere. The spring pigs are smooth, growthy, have plenty of bone and stand on the best of feet. The yearlings in the offering, of which there are a number of good ones, weigh from 300 to 400 pounds in good breeding condition. A number of the spring pigs are sired by Buddy K. 20855. This boar is a litter brother to Buddy K. IV., the first-prize aged boar and sweepstakes boar at Illinois State Fair in 1905, and the second-prize aged boar at same fair this year. Buddy K. is a large, smooth hog; has plenty of bone, and combines smoothness and quality to a marked degree. His get resemble him a great deal in this respect. The other herd boar used by Mr. Laurie is He's Our Pride. The sire of this boar was I Am Perfection, he by Kan't Be Beat, the boar which now heads the herd of Messrs. Morrison & Son at Lincoln, Neb. The dam of He's Our Pride is by old Top Notcher, a boar which produced some of the best hogs of the breed. The sire



Buddy K. IV., property of Mr. Ed A. Baxter, of Pawnee, Ill. FIRST PRIZE AGED BOAR AND CHAMPION ILLINOIS STATE FAIR, 1905; SECOND PRIZE AGED BOAR ILLINOIS STATE FAIR, 1906. In our issue of last week a mistake was made in reporting aged boar class. Buddy K. IV. won second in that show in competition with three as good boars as the season's shows have brought forward. He was not fat, but in good breeding condition, and weighed 1,035 pounds. About twenty of the get of this noted boar, consisting of aged sows, fall boars and gilts and spring pigs of both sexes are included in the forthcoming sale to be held at Pawnee Thursday, November 1st. The breeder or farmer looking for a herd header or for a valuable female to add to his herd should write to Mr. Baxter at once as per the advertisement on page 41 of this issue, kindly mentioning The Homestead.

of some of the spring pigs is Buddy's Perfection. He is a strong, growthy yearling and was sired by Dutchman, he by Sensation, and his dam, Buddy's Beauty, is a full sister to Buddy K. IV. The get of this hog are extra fine and can easily be found in the best of company. A yearling boar consigned to the sale is called Duplex. His sire was Kraschel's Wonder, the boar now at the head of the good herds of Messrs. Hurlbutt & Rasmussen, of Taylorville, Ill., and his dam was Louise W. by None Such, the sire of Hanley, the good boar which now heads the herd of Messrs. McNeill Bros., of Bowen, Ill. Someone in search of a good herd boar should see this one before making a purchase. A litter by Mayor Jr., first-prize yearling boar at Illinois State Fair last year, out of a sow by Buddy T., the sire of Buddy K. IV., the champion hog at head of Mr. Ed A. Baxter's good herd, should prove attractive. Another litter by Gold Cloud, first and champion boar Illinois State Fair, 1905, and out of a sow by Mayor Jr., furnish a combination of breeding and individuality that is hard to beat. Parties attending the M. W. Greer sale at Bushnell the day before can easily attend Mr. Laurie's. After the sale, trains leave for Mt.

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Sterling, a special train running from Bluffa to Mt. Sterling making connection with train from Jacksonville, so that breeders can arrange their plans to attend the whole circuit. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Laurie will be properly handled. See announcement on page 42 and write for catalog at once, mentioning The Homestead.

FAGAN, BROWNING, HESS & McCABE'S DUROC SALE.

It is with a feeling of satisfaction that we call attention to the forthcoming Duroc Jersey sale of Messrs. Fagan, Browning, Hess & McCabe, which will be held on Wednesday, October 31st, at Hersman, Ill. This noted breeding firm have selected forty head from the tops of their respective herds and are sure that breeders and farmers will not be disappointed in the offering. The blood of such noted boars as Tip Top Notcher (of which they own one-half interest), Proud Advance, Keep On, A Top Notcher, Red Express, Kan't Be Beat, Ohio Chief, Oom Paul, Nash's Model, Mayor Jr., Gold Cloud, Buddy K. IV., Hanley and others of note is found in this offering. The gentlemen composing this firm have been liberal buyers from many of the best herds, and

Mr. Steward and his breeding operations for some twenty years and cheerfully recommends him to Homestead readers. His three-inch card will be found on page 35.

CUTLER, REIL & COOPER DUROC SALE.

Saturday, October 27th, will be the day on which Messrs. Cutler, Reil & Cooper, of Carthage and Ferris, Ill., will offer for sale at public auction forty head of choicely-bred Durocs. The gentlemen are the proprietors of three herds of richly-bred Duroc and the combined herds number over 250 head. The sale consignment represents the tops from the three herds. Mr. Cutler was one of the successful exhibitors at the recent Illinois State Fair. He won the following prizes in one of the greatest Duroc shows of the year: First on boar in twelve and under eighteen months class; first on boar in under six months class; third on sow twelve months and under eighteen; third on boar and three sows one year old and over, bred by exhibitor; second on boar and three sows under one year; second on boar and three sows under one year bred by exhibitor; first on four pigs under six months produce of same sow. Such a record as this is an enviable one. Messrs. Reil and Cooper were likewise successful at the Iowa and Minnesota State Fairs. The blood of Top Notcher King, Pilot Boy, Illinois Chief, Hanley, Double Track and other boars of note is found in the offering. The catalogs are now ready and will be furnished to all who write for them as per the advertisement on page 42 of this issue. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Mention The Homestead when writing.

BAXTER'S DUROC SALE.

Through an error in reporting the Duroc show at the Illinois State Fair last week, Mr. Ed A. Baxter, of Pawnee, Ill., did not receive the credit he deserves in having at the head of his herd Buddy K. IV. This hog was not placed right in the columns of this paper. He won second prize in aged boar class this year and first and champion at the Illinois State Fair in 1905. We regret having made this mistake and feel sure that the breeders will make note of this correction. Buddy K. IV. was shown this year in one of the strongest aged boar classes of the season's shows. Many breeders tried to persuade Mr. Baxter not to show this hog this year, telling him that Buddy K. IV. had won all the honors he would ever win. But Mr. Baxter knew the kind of a hog he had and would not own a hog of such wonderful individuality and not show him at such a fair as that held in Springfield. Several of those present favored Buddy K. IV. for first in his class, but the judge could hardly have made any mistake which way he tied the ribbon, as between Commodore and Buddy K. IV. There are in this sale several of the get of this noted boar that are fit to go into any company. Mr. Baxter may well feel proud of the offering which he has selected for this occasion. All told there are six choice boars, eight fall sows, two aged sows and ten gilts in the sale by Buddy K. IV. Others are by Proud Advance, Gold Cloud, Golden Echo, Red Express, Mayor Jr., Kruger Again, Double Track, Dumont and others of note. A special attraction is offered in Red Carnation, the top of the Deal winter sale, as she will be sold with litter of pigs by Buddy K. IV. Breeders should plan to be present sale day. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Write for catalogs at once as per the advertisement on page 41 of this issue.

THOMAS & HOGSETT'S DUROC SALE.

No firm of Duroc Jersey breeders deserves more credit for the general prosperity of the breed than does that of Messrs. Thomas & Hogsett, of Golden, Ill. During the past year they have purchased from the best herds breeding stock that has proven the right kind. They were among the company which forced Mr. J. Coy Roach to pay \$1,000 for the sow, Helen Blazes III. They are one-half owners of the grand champion boar, Tip Top Notcher, and have at the head of their herd to assist him, one of the best yearling boars to be found anywhere. Ambition. This hog stood second at the recent Illinois State Fair in the twelve and under eighteen months class, but the majority of the breeders present favored Ambition for first place. His get are extra good and the number to be found in this sale make this one of the strongest offerings of the year. A gilt sired by Ambition and out of Beattie Belle won first in the under six months class at Illinois State Fair, while a gilt by him and out of Golden B. was second in same class. Messrs. Thomas & Hogsett have had good boars at the head of their herd. Big I Am did service of more than ordinary merit. He was first in the under six months class at the Illinois State Fair in 1904. His sire, Buddy K. IV., now heads the good herd of Mr. Ed A. Baxter, of Pawnee, Ill., and was first and champion at Illinois State Fair in 1905, and second-prize aged boar this year in one of the strongest aged boar classes ever seen by the writer, representing this paper. Big I Am was sold to Messrs. Manlove Bros., of Bowen, Ill., in whose herd he further proved himself a wonderful breeder. Much of his get is to be found in this sale offering. A yearling boar, Red Jacket, by Tip Top Notcher, and out of a Perfection Wonder sow, is included in the sale. He has not been overfitted with corn, but is in primo shape for breeding purposes. Someone looking for a herd boar should not overlook this one.

they deserve their support and all others in this, their initial fall sale. A special attraction is found in a litter of six boars by Tip Top Notcher and out of Helen Blazes (the dam of the \$1,000 sow and her litter sisters which sold with her at the record-breaking price of \$1,910). They are choice specimens of the breed and will please anyone in search of a herd boar. In our issue of next week we will give full particulars regarding this offering and would advise our readers to write at once for catalogs and make arrangements to attend this noted sale. Bids sent to Mr. D. M. Pierce will be properly handled. See announcement on page 41 and write at once for catalog, mentioning The Homestead.

JOE STEWARD AND HIS POLAND CHINAS.

Parties in quest of big, strong, thrifty Poland China boars will do well to correspond with Mr. Joe Steward, of Ames, Iowa. He has fourteen good March boars for sale, twelve being sired by Gay Perfection 2d, one by Independence and one by another boar. Mr. Steward prices these very reasonably. All but one are priced at \$25 each. This one was the sweepstakes boar at a number of fairs, and is held some little higher. This pig was raised by Mr. Steward from a sow purchased at the Hanna sale last February at \$107.50. She is a very large, smooth sow and was sired by a son of Perfect E. L., second dam by Winning Sunshine, he by Ideal Sunshine; third dam Lady Knox by T. A. Perfect, a full brother to C. P. 2d. Mr. Steward also has twenty-five nice gilts by Gay Perfection 2d to breed for the winter trade. They will be bred to a son of Thick-set, called Sultan. Sultan was farrowed October, 1905, out of Ruth Perfection by C. P. 2d. Her dam one of Chief's Last by Chief Tecumseh 2d. Sultan won third in his class at the Ohio State Fair, headed the young herd that won first, headed the young herd that won first bred by exhibitor and should be an ideal boar to cross well with Mr. Steward's sows. He is the best boar they have ever had anything to do with and is owned by Mr. Steward and the Iowa Agricultural College. No better strains of Poland China blood can be found anywhere, neither can a more honorable breeder with more experience be found with which to do business. The writer has been personally acquainted with



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Write to-day for Free Catalogue.

Litter mates to the first and second-prize gilts at the Illinois State Fair are found in Lots 26, 27, 28, 29 and 30. They are strictly showyard type and will do to head the best of herds. Breeders who are in the market for top stuff should plan to be present sale day. We take pleasure in recommending this offering to our readers and urge them to be present. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Messrs. Thomas & Hoggset, will be properly handled. Look up the announcement on page 42 of this issue and plan to be present sale day. Mention The Homestead when writing for catalog, which should be in the hands of every breeder and farmer interested in Duroc Jerseys.

KRASCHER'S DUROC SALE.

The Duroc Jersey sale of Messrs. Fred Krasher & Son should attract the attention of every breeder of Duroc Jerseys. Forty-five head have been cataloged, twenty-five boars, and twenty sows. They are sired by such noted boars as Gold Cloud (first and champion boar, 1904, Illinois State Fair), Mayor Jr. (first prize yearling boar at Illinois State Fair, 1905), Tip Top Notcher, Top Notcher Chief, Golden Echo, Gold Standard, Buddy T's Best, Double Track and other noted boars. From the herd of Messrs. Krasher came Buddy K. IV. (first prize and champion boar, 1905, Illinois State Fair, and second-prize aged boar, 1906, Illinois State Fair). This is a sample of the kind of hogs that breed, as Mr. Baxter selected his grand good herd boar from this herd. Messrs. Krasher have been good buyers of the best stock. They have spared no expense in selecting their foundation stock. Good boars have always been used and the stock purchased from them has always made money for those who secured it. A breeder in Illinois purchased four gilts last fall in Messrs. Krasher's sale for \$187 and sold two in his brood sow sale for \$251, leaving him two best sows at no cost, and realizing a nice profit on his investment. What this breeder has done anyone can do. In the offering are some boar pigs fit to head herds. Three of them are by Red Express and out of Helen Blazes 4th (litter sister to the \$1,000 sow, Helen Blazes 111.). Two good pigs are out of the dam of the second-prize boar at the 1905 Illinois State Fair. The offering throughout is one of unusual merit, and will prove an attraction for breeders who are looking for good stock. Full particulars will be found in these columns next week. Write for catalog at once as per the announcement on page 41. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Mention The Homestead when writing for catalog.

THE SALE WHERE GOOD ONES SELL.

One of the good, strong offerings of Poland to be sold in the state of Nebraska will be the lot offered by the well-known breeders, Messrs. W. L. McNutt and J. C. Meese, of Ord and Comstock, Neb. Both gentlemen have the choice blood of the Poland China breed and have used very near the same sires in the herds. They own the herd boars together and consequently the same blood lines will be represented. The sale will be held at Grand Island, Neb., on account of better railroad facilities. The sale is one that will not be a disappointment to the many breeders seeking good timber for their herds. The class of boars to be sold have made a rapid growth in the right line and they should prove good, strong boars and sows in the best of company. The get of the great King Look by Bright Look has made a strong showing all over Nebraska and we believe this to be one of the greatest breeders of choice Poland that you will find anywhere. At the Nebraska State Fair the get of King Look was the main talk of the breeders who saw it. They not only sold the winning yearling at a good price, but had many opportunities to sell many more. They decided to reserve all of the winners for the sale and it is now up to the breeders to watch for the choice ones as they run through the ring. King Look is a boar of good size, with plenty of stretch and is a very well balanced boar. He gets good size and transmits plenty of quality in all of his offspring. Parties looking for the large, rough type of Poland need not spend their money for car fare, as you will not find that kind. You will find as strong a lot as you ever saw and they will have plenty of size and finish. The get of Our Chief is very much the type of King Look and the cross on King Look sows should be a very good one. Our Chief is a very large yearling, with plenty of stretch, good side lines, good lot of bone, good head and ear and a boar that could be made to weigh 1,000 pounds. He is the kind that carries as much quality as the little fellows and transmits the same amount of quality into his get. Grand Look has a few in the sale that are real good ones. These gentlemen have made a very strong guarantee to those unable to attend the sale. They will stand back of every animal purchased on a mail bid and will see that every buyer is treated right. You need not worry about sending your bids, as you will not be disappointed in the least. The forty head are the tops from two herds and these are the same that have made the great showing at the Nebraska State Fair. The sows in the herds are all very good, with the best of breeding and plenty of quality. Mr. Meese won many ribbons on the sows

in his herd, while Mr. McNutt came in for his glory at the same time, as he was part owner of the sire of these sows. Both herds are the very best in breeding and individuality. We could point out several choice ones in the offering, but would not know where to start, as all of them are what we call one of many opportunities. If you are not able to attend this sale please send your bids to Auctioneer T. C. Callahan or G. W. Segrist, representing this paper, Mr. H. L. McKelvie, of Fairfield, Neb., sells a strong lot of Poland on October 26th. Both sales can be reached easily. Look up display advertisement on page 39 and write for sale catalog.

KERR'S PRIZE-WINNING O. I. C.'S AT AUCTION.

Now that the American Royal is over, O. I. C. breeders of America will undoubtedly turn their attention to the sale to be held by Mr. O. L. Kerr, of Independence, Mo., on Friday, November 2d. That the breeders will find at this, Mr. Kerr's second fall sale, the greatest lot of O. I. C. hogs ever gotten together, is not disputed by those who saw his winners at the Missouri State Fair and the American Royal. At the latter show hogs listed for the sale were winners in the following classes: The champion boar, the reserve champion, the second-prize boar pig, the first and second-prize gilts, the litter that won as produce of sow, as get of sire and in the first-prize young herd. Practically all of these were winners at the Missouri State Fair the week before. The champion boar was got by Kerr Shelton out of Luella, a daughter of the champion World's Fair sow, Big Mary. The reserve champion was got by the great sire and show boar, Kerr Dick, and out of Kerr Pan. The second-prize boar pig and litter brother were got by Rex and out of Silver, a half sister to Kerr Dick. Then there will be five boars by Kerr Dick and out of Maud. These have always been the great sellers and buyers should look to them sale day. In sows Mr. Kerr sells the first and second-prize gilts at both the Missouri State Fair and the American Royal and all the sows shown as produce of sow, get of sire and in young herd. Where has there ever been such an offering as Mr. Kerr is making. The only string tied to any of these is the privilege of sending ten sows to the champion boar to be bred and of sending five to be bred to the reserve champion. Mr. Kerr thinks much of these boars. He feels that they are destined to be great breeding boars and they should not leave the herd, but all the good boars cannot be retained, hence they will go with the reserved right to breed the few sows mentioned above. Throughout Mr. Kerr's offering there will be found material fit to head any herd. When picking the show herd some

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I INVENTED many of the good asphalt roofs that are sold.

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sharp knife and a hammer. My book also tells why my "No-Tar" Roofing is the only roofing that is weather, water, acid and almost wear proof, as well as Fire Proof. "No-Tar" won't crack in cold weather, won't melt in warm weather, and lasts as long as the building.

You ought to send for my book at once, if you have any roofs that need attention. Write me a post card today. Do it before the matter has a chance to slip your mind.

O. A. Hoppes, Secretary, THE HOPPES CO., 2401 Fillmore St., Chicago.

cows and heifers and five bulls, including the stock bull Wellington, a four-year-old by Hesiod 29th, and out of a dam by Don Juan, a son of Anxiety 4th. Several daughters of Hesiod 29th are cataloged, and the females are mainly in calf and have calves at foot by Wellington, and the bulls cataloged are sired by him. Mr. Little includes the tops of his herd at this time, as on account of his age he is retiring from the cattle-breeding business. There are numerous attractions in the sale to take Hereford breeders and admirers to Kansas City. November 1st Manager McGavock will be glad to mail catalogs to all who ask for them.

LAST CALL FOR THE MCKELVIE POLAND SALE.

The royally-bred offering to be sold by Mr. H. L. McKelvie at his farm near Fair, field, Neb., promises to be one of the best sales of the season. The McKelvie herd has been treated for the best results possible and the stock will be found in good breeding condition. Mr. Homer McKelvie is one of the best hogmen of this day. He is well posted on pedigree, as well as being familiar with the type that crosses well on the hog where good results can be expected. His herd has been recognized as one of the best of the breed and we believe that they will impress you as such on sale day. The real bargains of the sale will be found in the number of aged boars going in the sale. Mr. McKelvie has several strong boars that are certainly worth any breeder's time, and if you are looking for a herd boar we would tell you that you have the good ones to select from when you attend this sale. This offering will be sold on October 26th, and at that time you will find as many choice spring

herd of Illinois—a record never equaled by any breeder in America. Two herd boars, Ohio Chief 2d, a son of the noted World's Fair boar, Ohio Chief, and Silkworm, a son of Oom Paul 2d and out of Dotie, the grand champion sow at the World's Fair, should interest all breeders in search of herd boars of show-yard type and individuality. In our next issue we will have more to say regarding this noted sale. If you are not on Mr. Seckman's mailing list, write at once for catalog and plan to be present at this, the most noted Duroc dispersion sale of recent years. A special train, after the sale of Mr. T. E. Laurie on Tuesday, at Jacksonville, Ill., will give breeders an opportunity to get to Mt. Sterling the evening before the sale. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled if breeders find it impossible to attend in person. Get catalog at once. It tells the story. Mention this paper when writing.

GREER'S DUROC SALE—LAST CALL.

The forthcoming Duroc sale to be held at Bushnell, Ill., on Monday, October 22d, by Messrs. M. W. Greer & Son, of Rushville, Ill., is one of the most important of the year. The offering is made up of practically fall stuff with the exception of ten or twelve spring pigs of either sex. At the Illinois State Fair held two weeks ago Messrs. Greer won second on Illinois Chief, a good illustration of which appears on another page of this issue, in the six and under twelve months boar class; first on sow in twelve and under eighteen months class, third on boar and three sows under one year, third on boar and three sows under one year bred by exhibitor and second on four swine get of boar bred by exhibitor. There were many breeders present who thought that Messrs. Greer



Suburban Stock Farm.

Suburban Stock Farm, home of Suburban herd of Duroc Jerseys, owned by Mr. H. B. Griffiths, of Bowen, Ill. A select draft from this herd is offered at public auction on Friday, October 26th. See page 42.

that were the equal of the winners were left at home. Others that are perhaps better were not shown on account of their ages not being right. These will be found desirable things to buy for breeding stock. In picking the sale stuff, which has been carefully done, the hogs show that breeding from champions produces new champions and that Mr. Kerr understands the mating of hogs. Mr. Kerr's advertisement will be found on page 38. Write him today for a catalog and kindly mention this paper.

HEREFORDS IN THE KANSAS CITY AUCTION, NOVEMBER 1ST.

Mr. R. T. Thornton, of Kansas City, Mo., is producing Herefords of splendid type, that will compare favorably with those of the best herds of the country. In the McGavock sale held at Kansas City April 4th and 5th of this year, his consignment averaged just \$250, and were sired by Pathfinder, a son of Imp. Improver. This was likely the best average made by any consignor to this auction and Mr. Thornton is sending to the McGavock auction at Kansas City, on November 1st, ten head of representative animals from his herd. Five of these are sired by Pathfinder, and are two and three-year-old heifers, some of which have calves at foot and their lives of usefulness before them. These young cows are in calf to Hero, an intensely-bred Beau Brummel bull. The get of Hero are also cataloged by Mr. Thornton, as are also sons of another Anxiety 4th, Ablution, whose sire was a son of Wild Tom, and whose dam was by a son of Anxiety 4th. The Thornton consignment will stand the most critical inspection. Several herd-heading bulls are included and the females are attractive to investors at the prices they are commanding. D. B. Rogers, Brookfield, Mo., consigns in Sir Arlington one of the best bulls of the auction. He was got by Drusus, a son of St. Louis, and William Cummings, manager of the great Armour herd, says that he has seen recently. Another good one consigned by Mr. Rogers is Chief Lamplighter 3d, whose sire was by the famous Lamplighter, and whose dam was by Dandy Rex, the celebrated champion and son of Lamplighter. No better-hred Anxiety bull could be found. These bulls have been shown by Mr. Rogers at local fairs and are undefeated. One of the largest consignors to the auction is G. B. Little, Olathe, Kan. He catalogs twelve

pigs as will be found anywhere. The young animals are showing up as well as you could expect and they have not been hurt with fat. They are the type that show as much quality as well as size and vitality. The gilts are the kind that grow into the large, roomy sows which produce the large, even litters and raise them. Then, we find the herd one that has passed through cholera and the pigs have been treated with the Ridgway process. This process has been found very good in Clay county, where several other herds have been treated. If you have not received one of the McKelvie catalogs write him at once and get one before sale day. If unable to attend sale, send your bids to Mr. G. W. Segrist, of this paper. The McNutt & Meese sale follows on October 27th and can be reached from the McKelvie farm. Messrs. S. & O. McKelvie sell October 25th. Try and attend all sales at one cost.

SECKMAN'S CLOSING OUT SALE OF DUROC JERSEYS.

One of the most important Duroc Jersey sales of the year is that of Mr. Geo. W. Seckman, of Ripley, Ill., which will be held on Wednesday, October 24th. The reputation made by this herd is too well known to comment upon. Everything goes, as Mr. Seckman has determined to close out his entire herd. This gives to breeders of the central West an unequalled opportunity to secure the best this famous herd affords. It is only in dispersion sales that breeders are given the opportunity to secure the brood sows and herd boars which have produced the kind of stock which have made this breed famous. Mr. Seckman refused tempting offers for some of his brood sows, but solely because he had determined that once he advertised a closing out sale he would not sell his best sows and offer breeders the culs. Mr. Seckman says the following of his herd in making announcement of this sale: "The Gold Dust herd has shown through our great State and World's Fairs for the past twelve years, and made a record that will stand as a towering monument for it. At the great St. Louis World's Fair in the best show ever seen of the breed, where I met all the best herds in America and in open competition with those herds, I won on eight head of bogs twelve prizes, including champion boar and grand champion on Tip Top Notcher, that recently sold for \$5,000, and champion

should have been awarded first on Illinois Chief in the six and under twelve months class and that the females, full sisters to him should have been further up in the list. This litter of eight have probably attracted more attention throughout the Duroc fraternity this year than have any one litter. They are included in the offering and should prove attractive to breeders throughout the central West who are in the market for first-class breeding stock. This litter consists of four boars and four gilts and was farrowed on October 7, 1905. Their sire, Tip Top Notcher, is too well known to need any comment. Their dam was Daisy Improver, one of the best sows of the breed. She has farrowed three litters, all good ones, inside the last eleven months, the last litter farrowed on October 8th. A yearling boar, of which there are a number of good ones in the sale, that will attract attention is by Gold Dust 46725 and out of Elsie, she by Tip Top Notcher. A litter brother and sister are also consigned and will please buyers. A September 13, 1905, boar by S. A. Douglas, he by Ohio King 12719 and out of Sallie Seckman 127234 by Tip Top Notcher, is a very good boar fit to head some good herd. Two September boars by Oom Paul and out of Fancy Ella by Roosevelt 7599, he by Prince Marti, are good enough to head any herd. Two boars and two sows of December farrow are especially attractive. Their sire was S. A. Douglas and their dam was sired by Gold Finish. A litter by S. A. Douglas and out of Lottie S., the first-prize gilt under six months in 1905 at Illinois State Fair and first in class of fifteen in the twelve and under eighteen months class this year at the same fair, should appeal to the breeder who wants something good. A boar and two sows make up the offering from this sow. Two boars and two sows by Toko Paul, first prize in eighteen and under twenty-four months class at 1906 Illinois State Fair and out of Daisy Improver, the dam of the "Invincible Eight," come as near as possible to filling the bill to the breeder who wants spring stock. An April gilt by Buddy K. IV., first and champion boar at Illinois State Fair 1905 and second prize aged boar at same fair this year, is good enough and bred richly enough to go into any herd. There are twenty-five fall and yearling sows that will do well to go into brood sow sales this winter and make a nice profit to the breeder who secures them, or will prove valuable additions to any



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herd. This offering is one of the strongest of the year and is the first sale of the Grand Champion Sale Circuit. Bushnell can be easily reached from any direction and the sale will be over in time for breeders to get to Jacksonville for Mr. Laurie's sale the next day. Bids sent to Mr. D. M. Pierce in care of Messrs. Greer, at Bushnell, will be honorably handled. See announcement on page 42 of this issue.

FAST CALL FOR THE MORNING SUN COMBINATION ANGUS SALE.

At Morning Sun, Louisa county, Iowa, on Thursday, October 25th, at 1 o'clock p. m., Messrs. McElhinney & Cuhit and S. E. Edgar will offer a select draft of thirty-nine head from the Honey Creek and Cedar Row herds, consisting of nineteen grand, thick-fleshed cows from three to eight years old, belonging to such families as Baroness, Brucehill Violet, Chloe, Drumin Lucy, Lady Ann, Miss Morrison and Rothelmay Georgian. They possess plenty of scale; have broad backs and heavy quarters. In fact, they are representative Angus females, and are in first-class working condition, each cow bringing a calf every year. Several of them have calves at foot and all are bred to either the Trojan-Erica-topped Blackbird bull, "Bigger," a grandson of the great Equestrian, or to Prince of Highlington 3d, a Pride bull by the renowned Black Monarch of Emerson, who won first on get of sire at the St. Louis Exposition. The fifteen yearling and two-year-old heifers are as fine a lot as one would wish to see. Several of them are sired by the bull, Licitor of Dalmacy, bred by Lord Roseberry, and was sired by the K. Pride bull, Klon dyke of the Burn; others by the Ruth bull, Jadin, an animal very strongly bred in the Trojan-Erica blood. Others by Leon Artist, a son of Artist Knight, a bull that Mr. L. McWhorter, of Aledo, Ill., used so successfully a few years ago, and out of Lucie Estill, that sold at the Estill dispersion sale for \$2,800. Some of these heifers have three Estill tops; they are Georgianas, Miss Morrisons, Wester Fowils, Drumin Lucys, and Zaras. The bull offering consists of five head from ten to twenty months old and are a good lot, just the kind to sire the market toppers. Arrange to attend the sale where you can see a representative lot of Angus cattle that have been kept under farm conditions, cattle that will no doubt pay big returns on the money invested in them. For catalog giving full particulars write to Mr. W. K. Henss, Wayland, Iowa, mentioning The Homestead.

H. S. CHAPMAN SELLS THE LARGE TYPE.

The above named gentleman located a short distance from DuBois and Pawnee City, Neb., will sell one of the good, strong offerings of the season. Mr. Chapman has a herd of Polands that please the hogmen in general, and we believe he will offer as many choice things in his sale as will be found anywhere. His hogs are of the large, roomy sort with enough quality to make them wanted by the best of breeders and farmers. We have inspected herds where they have been spoken of very much more than the Chapman herd, but will say that we can't find any better hogs than will go through his sale on October 23d. He has an offering that is pleasing to look at. They are strong in bone, good head and ears, good, strong backs and the very best of feet. Mr. Chapman has never crowded his pigs off their feet, but has fed them for the best results to the purchaser. The offering will be fifty strong, being equally divided in sex. The great breeding hoar, King Do Do, has made good as a breeder and we believe his name could be classed among the top with the rest of the choice hoars. King Do Do was sired by Expansion and out of Me Over Queen by Chief Me Over. This hoar has the blood lines that have made the breed strong. King Do Do is a hog of good size and well balanced. He sires large, even litters and his get are the type that please all good hogmen. Mr. Chapman has as strong a lot of sows as will be found anywhere and these have mated well with the above-named hoar and Longfellow and Brilliant Chief. Longfellow was rightly named, owing to his great length and size. He was sired by Johnson's Chief and out of that great brood sow, Susie M.'s Best. His get are very much of his type and are such as will grow out into animals weighing from 500 to 900 pounds. Brilliant Chief by Black Chief is also in the herd and his get will show for him on sale day. The sows in the herd represent the blood of such hoars as Blain's Tecumseh 2d, Highland Chief 2d, King Do Do, Major Blain, Butler Chief and Corwin Medium. The hoars have mated very well and we feel confident

that you will be well pleased with the offering on sale day. Mr. Chapman has never tried to over estimate his herd and we will say here that this herd is one of the best of the breed and deserves the patronage of the best of breeders. His hogs show as much quality and vitality as can be found in the state of Nebraska. Mr. G. W. Segrist will represent this paper and any bids entrusted to him will be honorably handled. Look up display advertisement on page 35.

SCOTCH SHORT-HORNS AT AUCTION AT KANSAS CITY.

Entries are full and quality runs high in the auction of Short-horns to be held under the management of Mr. W. C. McGavock at Kansas City, Mo., on Friday, November 2d. Branstetter Bros., Vandalia, Mo., and W. L. Wright, of the same place, are consigning twelve head, eight of which are Scotch and include Imp. Fairy Maid 3d, a grand Scotch cow bred by George Shepherd of Tarves, sired by the Gordon-bred bull Miraheau, a son of the famous Star of Morning. This cow, one of the best to be offered at auction this season, will be sold with a beautiful red heifer calf at foot by the celebrated champion Lavender Viscount. Imp. Rosie 17th, another young cow, calved April 6, 1901, and also bred by Mr. Shepherd, was got by Scottish Victor that was bred by Mr. Duthie from a Victoria dam and was sired by the famous Scottish Archer. She is a splendid roan of grand conformation and will be sold with a hull calf at foot, and a daughter, Rosie 19th, is also cataloged. This heifer is just a year old, being calved September 3, 1905, a good age for the shows, and was sired by Standard Bearer, a son of Godoy, and the cow Flora Glamis, a daughter of Imp. Flora 17th by Perfection. A daughter of the celebrated Godoy is also cataloged in Almeda of Idle Wild 2d. She was out of Almeda by Valley Champion, and her second and third dams are by Scotchmen and Lord Glamis respectively, while her fourth dam is Imp. Arhus by Roan Gauntlet. A red three-year-old heifer of the Cruickshank Orange Blossom family and also descending maternally from a dam by the renowned Roan Gauntlet, is Princess 10th. She is of the same branch of this tribe as Messrs. Bellows' stock hull, Master of the Grove, the International Champion, and was got by Christopher, a Bothwell-bred bull by Grand Lavender, and out of the Scotch cow, Coleen. Two young cows bred by Mr. Bothwell, of Missouri, and descending from Imp. Columbia by Lord Lancaster, are cataloged. They were sired respectively by Nonpareil Victor and Grand Victor and are bred right and of the type that suits the best purchasers of Scotch cattle. A hull of this same family, Nonpareil Tuck by Friar Tuck, completes the list of Scotch cattle in the offering from Vandalia. There are fifteen consignors to the auction, and the most famous sires and strains of the breed are represented. The catalog should be in the hands of all friends and admirers of the breed and can be had by addressing Mr. McGavock.

SECKMAN'S DUROC DISPERSION.

It is only in dispersion sales that the buyer has the opportunity to bid on stock which at private sale would not be priced under any consideration. The dispersion of the Gold Dust herd of Duroc Jerseys owned by Mr. Geo. W. Seckman, of Ripley, Ill., gives to the Duroc fraternity of the entire country such an opportunity. Grand brood sows which have furnished the stock that made this herd famous are included in the offering, a number of them selling with litters at side by Tip Top Notcher. Of this boar it seems hardly necessary to again repeat the facts concerning him. He was shown with grand success at the different shows throughout the entire country and ended up at the World's Fair where he was grand champion hoar of the breed. Much of his get are to be found in this sale and a number of litters to be sold with the sows are sired by him. A strong attraction in the hoar line is found in Ohio Chief II. 41607. He was sired by the noted breeding hoar, Ohio Chief, and his dam was Chic's Belle by the World's Fair winner, Orion II. Individually Ohio Chief II. resembles his noted sire, has the bone, length, quality and finish which are so greatly in demand at the present time. The breeder who is in search of a herd boar should not be absent sale day. Silkworm by Oom Paul II. by Oom Paul, the winner of more firsts and sweepstakes than any Duroc boar living or dead, and out of Dotie, the grand champion sow at the World's Fair, is a hoar of exceptional merit that will fit into the position of herd boar in any company. Much of the breeding of these hoars is found in the sale offering and offers the best evidence of their breeding qualities. Lack of space forbids our going into detail regarding this noted offering. We wish to call attention, however, to some of the main features of the sale. Tried brood sows which under no other circumstances would be priced are offered at auction. Each and every one has been a good producer, else she would not be found in this herd. The sows which sell with litters will be cared for until such time as it will be safe to ship them. Of the 100 head cataloged, all but about fifteen are females. The boars have been selling so rapidly and at such good figures that it was with difficulty that Mr. Seckman was able to reserve the number which are cataloged. Mr. Seckman has kept some of the best spring boars he raised this year, as he knew from former experience that there are always those present at fall sales who want good boars. This sale offers the opportunity to the beginner to secure a good herd boar and a few well-bred brood sows of the richest breeding and individuality at his own figures from one of the most noted herds of the breed. The opportunity presented in this sale comes but once in the history of any breed and breeders and farmers should not be slow to grasp it. The sale of Mr. T. E. Laurie, of Jacksonville, Ill., comes the day before and Mr. Seckman will run a special train from Bluffs the evening before, which will connect with the train from Jacksonville. Breeders may in this way attend both previous sales and be on hand early at Mr. Seckman's. The sale starts promptly at 10 in the morning and breeders should arrange their plans to be present at that time. Catalogs are now ready and will be mailed to all who write for them as per the announcement on page 42. Mr. Seckman will consider it a favor if those writing would mention this paper. Bids sent to Mr. D. M. Pierce, rep-

..COMBINATION SALE..

OF

ANGUS CATTLE

TO BE SOLD AT MT. PLEASANT, IA.,
WEDNESDAY, OCTOBER 24, 1906,
..... AT 1 O'CLOCK P. M.

This offering consists of thirty-one cows and heifers and ten bulls of the following families: Erica, Blackbird, Coquette, Brucehill Violet, Drumin Lucy, Pride, Queen Mother and other good families. This is a strictly high class offering where the Bluest Blood and the highest standard of excellence are combined in the animals offered. This stock is consigned by W. B. Seeley, J. D. Beaber, J. T. Cline and W. K. Henss, among the first breeders of Angus cattle in Southeastern Iowa. For catalog, Address

W. B. SEELEY, MT. PLEASANT, IA.
COLS. IGO, HENSS AND CHANDLER, AUCTIONEERS.

W. E. MARRS' SALE OF Duroc Jerseys

At Albany, Mo., Tuesday, October 23.

25 BOARS.

25 SOWS.

These are largely the get of Pilot J. 26311, he by Pilot 12075. His dam, Dora, was got by Elmo 7175. Pilot J. was formerly used in R. J. Harding's great herd. The dams are daughters of the great show boar, Improver II., Cole's Duroc, Masterpiece and Golden Duke. The Improver and Cole's Duroc sows were bought at the great Bowman & Fitch dispersion. I think I have hogs to please you. Send for catalog, mentioning this paper.

W. E. MARRS, ALBANY, MO.

representing The Homestead, in care of Mr. Seckman, will be properly handled. Get catalog at once and plan to be present sale day and during the entire week of the Grand Champion Sale Circuit.

MT. PLEASANT "OPPORTUNITY" HEREFORD SALE, OCTOBER 30TH.

As per the advertisement on page 36 of The Homestead, catalogs are now ready for the "Opportunity Sale" of Herefords and Short-horns to be held at Mt. Pleasant, Iowa, by Mr. D. R. Mills, sale manager, Des Moines, Iowa. The sale of Herefords will be held on Tuesday, October 30th, in the fair grounds sale pavilion at 1 p. m., and will include about sixty head of breeding cattle from the herds of Messrs. A. E. Church, W. T. Wright, J. H. Wallbank & Sons and John Burke, of Mt. Pleasant, Iowa; W. A. Tade & Sons, Hillsboro, Iowa; J. V. Brook, Bentonsport, Iowa; J. L. Jones, Roscoe, Iowa; John Saar, Jr., Cantril, Iowa; G. B. Robinson, Marble Rock, Iowa; John Shepherd, Danville, Iowa. Forty-five splendid cows and heifers and fifteen bulls have been cataloged for this sale and they are of such lines of breeding as to represent the very best show strains of recent years. Quite a large proportion of the females will possess added value because of the fact that they sell with calf at foot. Mr. J. L. Jones consigns a particular hull whose lines of breeding are so prominent and so closely connected with the progress of the Hereford breed that we must warn those who are looking for herd headers to look him up. This is the three-year-old, Perfection's Percy 15923. This animal was bred by Mr. Hoxie and is a son of the \$5,000 Perfection, he by the great \$10,000 Dale and from there on combining such a list of great sires as can be boasted by no

other Hereford individual of which we have any knowledge. It is Columbus, Earl of Shadeland 41st, Garfield and so on back to the fountain head of Hereford perfection. On the other side of his dam we find the names of The Grove 3d, Lord Wilton, Regulus and still others that have helped to make history. Two of the Jones cows will sell with calves at foot by this bull and this fact will enable those who attend the sale not only to judge of his individual merit, but of his quality as a sire. A yearling heifer of his get has been cataloged, also other females in Mr. Jones' consignment, all nicely bred. Mr. A. E. Church, of Mt. Pleasant, Iowa, sends forward among his seven bulls the handsomely-bred herd bull, Carlyle 178641. He is a low-hull, broad-backed, smooth and mellow-fleshed fellow and in addition to these desirable qualities he is a tried sire of high merit. He is a grandson of Eureka, the grandsire of the champion cow, Lorna Doone, and on the side of both sire and dam there is a strong proportion of the blood of that noted animal, The Grove 3d. Three of the other young bulls in the Church consignment are the get of Carlyle, as are also some of the fourteen head of females in the consignment. The cows of other lines of breeding are bred to him and have calves by him so that his blood is pretty well sprinkled throughout the entire lot. Mr. W. T. Wright sends forward three cows showing strong Lord Wilton and Anxlety crosses, possessing high quality and individual merit. Mr. J. V. Brook consigns one cow and three bulls, all of which are the get of Columbus 51st and if there is any pedigree having more blue blood in its top lines than this the hogs do not show it. The dams are also nicely bred. Mr. John Saar, Jr., has a very nice lot, both male and

MODERN \$3.99 Front Door 3=

REGULAR PRICE \$8.50



This beautiful art door is 2-8x8-1/2 in. thick, made of first quality soft pine, suitable for oil finish or paint. The side rails are wide giving plenty of room for locks and trimmings. Ornate carvings are genuine wood carving, has first quality double strength glass packed in paper and crated for safe delivery in good condition. Price, glazed clear glass, \$3.99, or glazed with picture pattern, as illustrated, \$4.20. Phenomenal value. This door is guaranteed high-class and strictly up to the official grade adopted by the Sash, Door and Blind Association of the Northwest. OUR CATALOG contains illustrations, descriptions and money-saving prices on all kinds of doors, windows, storm sash, moulding casing, quarter round, window screens, frames, porch columns, brackets, ladders, window and door glass, glaziers' supplies also photographs and architects' plans for fine modern homes. It's FREE. We open the largest mill in the world—\$3,100 feet of best space (four acres)—have been in business since 1883. Own our timber lands, saw mills and lumber yards. We carry large stock and can therefore ship promptly. We have no traveling men—sell only for cash. We are the only large manufacturers of sash, doors and blinds selling direct to the consumer. Our prices will astonish you. Don't buy anything in our line until you get our catalog, the greatest woodwork catalog published. It's FREE—write for it today. Address

GORDON VAN TINE & CO., Station 121 Davenport, Iowa

female, one of which is a granddaughter of Princeps, whose get have proven so remarkably successful at the state fairs this fall—one a granddaughter of the noted Corroctor and others that claim public attention. One bull and two cows are consigned by Messrs. W. A. Tade & Son, of Hillsboro, Iowa, all of which are but one or two removes from Earl of Shadcland 41st. Messrs. J. H. Wallbank and John Burko send forward two cows, one of which is a daughter of Nero, he by Eureka, and the other a granddaughter of Anxiety 4th. Mr. G. B. Robinson lists some excellent granddaughters of old St. Louis, whose blood is of pure gold and getting scarce, also some fine granddaughters of Lord Wilton. All of his females have lusty calves at foot. Mr. Robinson also includes some splendid young herd bull prospects of royal breeding. Other promising bulls are cataloged by Mr. John Shepherd, of Danville, Iowa, same being sons of Alto Beau 8th by the prize-winning Masquerader, and Wilton Alamo 6th by Wilton Grove, grandson of Lord Wilton and The Grove 3d. Catalogs are ready and will be cheerfully forwarded upon application to Mr. D. R. Mills, sale manager, Des Moines, Iowa, who also writes those contemplating entries for his Kansas City, St. Paul and Omaha sales to forward same at once.

THE HEATHERTON ANGUS BULL.

An important Angus sale will be held at Naperville, Ill., a point twenty-eight miles west of Chicago on the main line of the Burlington road, on Wednesday, October 31st. At that time Mr. John S. Goodwin, of Chicago and Naperville, Ill., will offer as fine a bunch from his herd of doddies as have passed under the hammer in recent years. Notable among this offering is the yearling bull, Heather Monk. He is by Black Monarch of Emerson and is a great-grandson of Black Knight, the sire of the first and third prize cows at the Columbian Exposition. This bull as a yearling weighed over 1,600 pounds, and has been tested and found to be a sure breeder. A pair of twins will be offered sixteen months old by Zaire 12th, the bull now at the head of Mr. L. H. Kerrick's herd. Prince of Elches 3d is a fifteen-months-old Erica and Jilt-bred bull that is good enough to go at the head of any herd. His dam will be sold with a fine heifer calf at foot. There will be three Zaires in the sale and four Blackbirds among the bulls. In all there are seventeen young bulls. Some of them are a little young, but they are a good lot throughout and are in good condition, in just good shape to winter through and be ready for service in the spring. Of the forty head of cows cataloged, about one-third have calves at foot and half the number have offspring in the sale. Fourteen of the cows are Blackbirds. The bunch includes Blackbird Lassie 7th by the \$3,100 Black Woodlawn. She has a fine heifer calf at foot. Her first calf is now at the head of Messrs. Palmer & Palmer's herd. Blackbird 19th will be in the sale, the last calf of Blackbird 8th, she having a heifer calf at foot. Her last year's calf by Black Monarch of Emerson is being kept at the head of the herd. Trojan Ericas in considerable number are included in the offering. The Jilts in the sale are eye openers. Jilt 21st is smooth and round as an egg; Jilt 25th a little strong in the back, but a regular Prince It; Jilt 34th and heifer calf and Jilt 28th, all by the champion Blackbird King, excepting 34th, will make an array of extra good ones. The advertisement will be found on page 39 of this issue. Send to Mr. Jno. S. Goodwin, 184 LaSalle St., Chicago, Ill., for Heatherton Herd History and sale catalog, both of which are now ready.

WHEELER'S MASTODON POLAND CHINAS.

One of the coming Poland China herds of the West, of the very large, big-boned kind, a herd that is destined to become known wherever the big hog is in demand, is the "Mastodon" herd owned by Mr. W. W. Wheeler, Harlan, Iowa. Believing that the big hog is what the people want, he has laid a foundation that will furnish them as big as they want, and he now has boars and sows on the farm that are as big as box cars. But leaving aside the size, he has a choice lot of spring and fall gilts that have about as much quality as will generally be found with hogs of this size. He has a nice bunch of spring boars that he is now selling as fast as the orders come in, and they have the size and the bone that the boys are after. These are sired by Surprise Wonder 5th, dam Miss Longfellow by Chief Price, a boar that descends in all his crosses to the big ones, and his get resemble him in every way. Mr. Wheeler recently purchased of Mr. John Miller the 800-pound boar Columbia Chief 2d by Columbia Chief, dam Royal Princess by Chief Price, and he now heads the herd, assisted by Longfellow B. 88959, and both of these boars can be easily made to weigh 1,000 pounds. Columbia Chief emasures seventy-two inches from center of ear to root of tail; heart, seventy-seven; flank, seventy-seven, and bone ten and one-half inches, and he was winner of third prize at Sioux City Interstate Fair this year in one of the best Poland China shows of the season. Longfellow B.'s measurements are about the same, and he has an eleven-inch bone. Another of Mr. Wheeler's recent purchases is the 800-pound sow Molly Surprise by Chief Price, dam Molly Jones by Mollie King Jr. Here is one of the largest and one of the best big sows in the West. Every breeder that sees her wants Mr. Wheeler to price her, but she is not for sale at any price. Among his other big sows is Orange Maid 6th and Orange Maid D. by Chief Price, Lady Wonder 6th by Wonder, Miss Wonder 2d by Wonder 2d, Lady Wonder 5th by Surprise Wonder 4th, Extra Length 8th by Sunshine Chief, and several others that are all descendants from the big strains and are all as big as express cars themselves. Poland China breeders who want size and bone should keep their eyes on the Wheeler herd in the future. It is destined to become one of the best "big herds" that will be found in the West, and Mr. Wheeler will be able to sell the boys just what they want. Just now he has a bunch of spring boars and one good fall boar for sale, and he will make a brood sow sale in the early part of the year. Write Mr. Wheeler at once if you want a boar pig, before they are all gone, and mention this paper when doing so.

MT. PLEASANT ANGUS SALE.

Parties looking for high-class Angus cattle

TOO LATE TO CLASSIFY.

WHITE Wyandotte cockerels for sale from birds scoring 94 and 96. These birds are farm raised. Write for prices. W. F. Kilpatrick, Harlan, Ia., R. 5.

should send at once for the combination sale catalog listing the animals to be sold at Mt. Pleasant, Iowa, on October 24th. There will be drafts from the herds of Messrs. W. B. Seeley, of Mt. Pleasant, Iowa; J. B. Beaber, of Rome, Iowa; W. K. Henss, of Wayland, Iowa, and T. J. Cline, of Escapa, Blackbirds, Coquettes, Prides and Queen Mothers. The blood of Blackbird Ito, senior yearling champion at St. Louis, is much in evidence in this offering, as is also the blood of Black Woodlawn, Gay Lad and Moon Eclipse. The offering includes thirty-one females and ten bulls, and it will be many a day before a similar opportunity to get something good in the doddle line will present itself. Among Mr. Cline's offering is a Brucehill Violet cow, Glasgow Waneta Bell 59411. She is by Admiral Dewey of La Crew 25645 out of Waneta Bell 20764. She is bred to John Hay 2d and will calve about time of sale. She is a good individual and bred just right. Mr. Cline's offering also includes Rural Black C. 87164, a Drumlucy bull by John Hay 2d. He is just one year old and weighs 945 pounds, and is an extra good, smooth individual. Mr. Henss is offering a twelve-months-old Pride bull, Bolide Duke 90219, out of imported sire and dam. He is a calf of good scale and should make some man a great herd bull. Mr. Henss is also offering a Baroness cow, Woodside Beatrice 4th 74001 by Questo 38978. She is safe in calf to the Trojan-Erica topped Blackbird bull, Blackcap Engle. Mr. Beaber is offering a Brucehill Violet cow, Frances of Rome 48211, by Admiral Dewey of La Crew and a granddaughter of 2d Mayor of Estill. She is now suckling a good heifer calf by Glenfoyle Blackbird and rebred to him. Another good one from the Beaber herd is Fame 2d of Rome 81028 by Merceter 41067. She is safe in calf to Glenfoyle Blackbird and is good enough to please anyone. Mr. Seeley is offering a two-year-old heifer, Blackcapdale 76269, a son of the \$2,100 Blackbird calf, Black Knight of Estill 9th, he by Imp. Entwistle. This heifer will be bred about sale time to the champion Blackbird Ito. Her breeding and individuality should command the attention of those looking for something good. Mr. Seeley is offering a twelve-months-old calf, Ericadale 85513, by Blackbird Ito 64116 out of Evadale 65875. On the dam's side this bull is a grandson of the \$3,050 Gay Lad. The individuals referred to here somewhat in detail are chosen promiscuously from the list, and they therefore show the general character of this offering. The date of the sale is October 24th, the place Mt. Pleasant, Iowa. Catalogs are now ready and will be furnished upon application to W. B. Seeley, Mt. Pleasant, Iowa. See the advertisement on page 34.

JNO. TRIGGS SELLS THE TYPE THAT RETURNS PROFIT.

The writer has inspected the Triggs herd of Poland Chinas, located at Dawson, Neb., and will say that they are good in all respects. Mr. Triggs' offering on October 24th promises to be strong in both boars and sows. The large, roomy type that has been reared on this farm for the last few years has made the owner a reputation worth considerable to the hog business. He has always believed in the hog that has growth enough to be attractive to the farmer, as well as nine-tenths of the up-to-date breeders of the Poland hog. His offering will consist of about fifty head, of which about twenty-five will be young boars of spring farrow and the balance gilts. The breeder looking for a good, growthy pig should try and arrange to attend this sale, as he will find them in the best of condition to bring results. The large, mammoth boar, Major M. by Blain Tec., is responsible for the most of the offering and this hog is recognized as one of the greatest sires of the breed. He is what we call a 1,000-pound hog and with this enormous size we find a hog with considerable quality. He is very strong as a sire and his get show his strong features in way of good bone, strong back, growth and plenty of quality. The hogs from the Triggs herd have proved very useful ones and the sire, Major M., has always made good crosses wherever tried. This hog is one that has caused considerable talk and the owner has refused several good offers for him. He was strong enough to be shown at the Nebraska State Fair and should have made a great show had the owner only given him the chance that he so rightfully deserved. He comes from the Blain herd and is probably as good a hog as Mr. Blain ever bred. His get are such as will please the breeders in general and the man not able to attend the sale can feel safe in sending a mail bid on this grand hog's get. He has mated well with such families as Sir Gaspar, Curtis Chief, King Do Do, Proud Perfection and many more that we mentioned in our last week's issue. The writer can truthfully say that the offering is one of merit and the men from a distance can expect to see hogs with size and finish. Many of the boars are such as would bring the high market were they shown. Good strong gilts that have all prospects of future marked on them are going to be offered. You will not only be pleased with the offering as individuals, but will like the strong line of breeding represented. If unable to attend this sale send your bids to Mr. G. W. Seagrist. Remember that the sale will be held at the Page sale barn, in Dawson, Neb. Dawson is on main line of B. & M. railroad. Look up display advertisement on page 43.

CITY TICKET OFFICE, 512 WALNUT ST.

When you think about traveling call at City Ticket Office of the Minneapolis & St. Louis R. R. (in with the Wabash), at 512 Walnut St., where you will secure the best and latest information. Don't forget the M. & St. L. sells through tickets via St. Paul, over the Northern Pacific, Great Northern, Soo Line, as well as all northern routes. Trains leave Union Station, Des Moines, 8:15 a. m. except Sunday, and 9:05 p. m. daily. Solid through trains to Twin Cities. We are the SHORT LINE to Minneapolis. Cafe car on morning train, serves dinner and supper. Night train has new electric lighted sleepers. All cars nice and comfortable. W. K. Adams, D. P. A., D. B. Ransburg, C. P. A., Des Moines, Iowa.

CHAPMAN'S LARGE ROOMY

POLANDS

Will be offered at his farm near Du Bois and Pawnee City, Neb., on Oct. 23, 1906.

50 Head of Real Choice Poland Chinas 50

With size, bone, feet and quality. The get of King Do Do by Long Fellow by Johnson Chief. The opportunity to improve your herd at moderate expense. My list of sale stuff is far the best ever offered by me. I am confident that they will do you much good. My boars are large, roomy fellows. The gilts represent good, strong sows. They should make great brood sows. Catalog now ready.

Col. Leonard, H. S. Chapman, Prop., Du Bois, Neb. G. W. Seagrist, Auctioneer. will attend sale

50 HEAD DUROC JERSEYS

..... FROM THE HERD OF HUMBERT & THOMAS, TO BE SOLD AT

CORNING, IOWA, SATURDAY, NOVEMBER 3, 1906.

25 BOARS A CHOICE LOT OF SPRING AND FALL BOARS. SOME EXTRA GOOD GILTS 25 SOWS

And some brood sows with litter by our great herd boar, Gold Dust Jim 2d. The boars are nearly all sired by TIP TOP NOTCHER GOLDDUST, a son of the \$5,000 sweepstakes World's Fair boar, Tip Top Notcher. A good Hoosier Banner sow goes into the sale with a litter by Gold Dust Jim 2d. Catalog ready. Write for it. Address,

HUMBERT & THOMAS, - - - CORNING, IOWA. PIPER BROS., AUCTIONEERS.

TOO LATE TO CLASSIFY.

14 BIG STRONG, GROWTHY

March Poland China Boars

FOR SALE.

Twelve of them are by Gay Perfection 2d, one by Saclim and one by Independence. These boars are of the most aristocratic Poland China blood known to the breed. Will sell them at \$25 each while they last. Also have one show boar that won sweepstakes at the local fairs in central Iowa at \$35. This boar is out of dam that cost me \$107.50. For further particulars regarding these high-class Poland China boars, address the owner, Joe Steward, Ames, Iowa. Also two yearling Scotch bulls, one by Revenue, the other by Golden Diamond.

CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address,

U. G. DAVIDSON, MANSON, IOWA.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

Special Prices on Duroc Jersey Boars for Next 30 Days

18 Choice spring boars, sired by Lentz Red 16903, Addy's Top Notcher, and Gold Bud 43791 for sale. I am making special prices for next 30 days in order to close out my herd. Having sold my farm. These pigs must be sold. Write me at once. Address, J. F. LENTZ, - - - EARLIAM, IOWA.

POLAND CHINA BOARS FOR SALE.

I HAVE several large, early, heavy boned boars of very best blood lines which I will sell very cheap to quick buyers. I will stand return express and refund price paid if pig is not as described.

C. H. DRAKE, Stockport, Iowa

ANGUS CATTLE

AND DUROC JERSEY HOGS FOR SALE at all times. Can ship over 3 roads. James Spear, Stanwood, Iowa.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Alburnett, Iowa. Jas. E. Stephenson, Otter Creek Stock Farm.

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New Importation arrived Oct. 10. Mnasdam & Wheeler, Fairfield, Iowa

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers prices on boars.

Rood Bros., (Swine Specialists), Lake Park, Ia.

WHITE ROCKS—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. Bais H. Flanagan, Pleasantville, Iowa.

CHESTER Whites. I have a few choice boars of April farrow yet to sell. Prices right, quality guaranteed. Call or write, Milton L. Chalberg, Ogden, Ia.

Glover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy ram and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs., champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros. Kellerton, Ia.

Allendale Doddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. ALLEN BROS., NEW SHARON, IOWA.

BERKSHIRES—35 spring boars, 4 fall yearlings, 4 matured boars. Some herd headers, 40 spring gilts, 5 fall yearlings, and 6 tried brood sows. Write for what you want, and prices. Sires and dams winners at state and county fairs. Sale November 27th. Send for cat. Address, Houghton & Braman, 1411 South Center Street, Marshalltown, Iowa.

Glover Leaf Herd of Duroc Jerseys. HERD headed by Pine 37903, winner of 2d in class for what you want, and prices. Sires and dams winners at state and county fairs. Sale November 27th and by King Prince. 75 head for sale. Prices right and quality second to none. Clyde H. Smith, Riceville, Mitchell county, Iowa.

KEAN'S Growthy Durocs—All ages, the best of breeding, extra large bone. Also one yearling and aged male. Frank Kean, Mt. Pleasant, Iowa

The Steward & Hutcheon Sale of Herefords

The sale of Hereford cattle to be held at Bolckow, Mo., on Wednesday, November 7th by Messrs. Steward & Hutcheon is brought about in order to settle the estate of the late John Steward. Our readers no doubt are aware of the fact that the late John Steward had no superiors and few equals as a judge of this, his favorite breed; that he was a past master at the breeding business and that when he and Mr. William Hutcheon formed a partnership some twelve years ago they made a team such as has not yet been surpassed in the breeding business. Both gentlemen knew their breed, knew its good qualities and its weaknesses, and their one object during the time they were associated in business was to see how good they could make their cattle. That they succeeded in climbing to, or near, the top round has been proven in the many hard-fought show-ring battles, in which many of their animals have carried off first honors; others have pressed the winners hard, standing close seconds and thirds, and this in the best shows in America. Just as their herd had reached a place in the Hereford world where it was the source of much profit and pleasure to both members of the firm, death stepped in to claim Mr. John Steward and a firm that had become known from ocean to ocean and in every country where Herefords are raised, was dissolved, and in order to settle Mr. Steward's estate a public sale was made necessary. In this sale there will be some fifty head, the only reservations being the old herd bull, Beaumont, and some old cows. With these Mr. Hutcheon will continue in the breeding business. The 1905 show herd with the exception of the yearling bull that headed same will go in the sale. Then there will be several daughters of Fowler Queen, the greatest show and breeding cow ever got by Messrs. Van Natta & Son's great bull, Fowler. A short sketch of what Fowler Queen has done should prove interesting. She is now fifteen years old, was dropped the property of Mr. John Steward and as a yearling won second place in class at the Chicago World's Fair and has produced a calf every year since she commenced breeding. The last nine calves have been dropped in October of each year. None have ever stood lower than third place where shown and Fowler Queen for the first time in ten years will miss calving in October, she not being due until the middle of November. Twenty of her descendants are in the herd, and like their dam they are easy keepers, symmetrical in form and desirable things to have in a herd. Fowler Queen today carries an evenness of flesh that is seldom seen, and few who see her realize that she is a cow of such an advanced age. Those who want breeding cows to add to their herds will do well to look to this family. Ten heifers are daughters of Beaumont 134751, the most successful and satisfactory breeding bull ever used by Messrs. Steward & Hutcheon. In the show ring Beaumont always stood second and third and could have been placed higher in many instances without causing dissatisfaction among the ring-side talent. His sons and daughters have done the winning for Messrs. Steward & Hutcheon's herd and cows bred to him or with calves at foot by him should be in demand. As the demand for bulls from Messrs. Steward & Hutcheon's herd has been far in excess of the supply there will be but three to go in the sale from this herd and in order to make the bull end of the sale attractive Messrs. Van Natta & Son, of Fowler, Ind., were asked to contribute seven head. They have selected seven sons of their great breeding bull, Prime Lad, and from their best cows. These, with Parsifal 206826, the second-prize junior yearling shown by Messrs. Steward & Hutcheon at the recent American Royal, and a double Beau Brummel yearling will make a grand lot of young bulls from which to select herd-bull material. In future issues more will be said of the various individuals that go in the sale. In the meantime we wish to urge all our readers who are interested in the white face to write for a catalog. The sale is to be held at the farm near Bolckow. Parties from a distance should go to either Bolckow on the Burlington or Guilford on the Great Western, as all trains stop at both these towns and the farm is about midway between. See page 37 for advertisement and address Messrs. Steward & Hutcheon, Bolckow, Mo., mentioning The Homestead when doing so.

John Rasmess' Short-horn Sale.

The fifth annual sale of Mr. John Rasmess, one of Iowa's best-known Short-horn men, will be held at the farm near Lake City, Iowa, on Thursday, November 1st. He has cataloged forty-six head, and has drawn on some of his very best cattle for this sale. There will be nine Scotch cows and heifers and five Scotch bulls, of the Victoria, Miss Ramsden, Mrs. Chioness, Matchless, Lavender and other Scotch tribes. Fifteen cows will have calves at foot by Red Knight, a bull well and favorably known to every good breeder in the West, a half brother to the Saunders bull, Cumberland's Last, and now chief stock bull in the Rasmess herd. Other cows will have calf by Lord Craibstone and Keystone 253187, a son of Lord Craibstone. This two-year-old was the bull that topped the W. J. Henry sale last year. He belongs to the Matchless family and he will also be sold in the sale. This trio of Scotch bulls will be the sires of all the calves that will be sold with dams in the sale, and many of these same cows will be safe in calf again. Among the richly-bred females that will be sold is Imp. Dalmeny Princess 9th, a six-year-old daughter of Royal Sailor. She is decidedly one of the great attractions of the year. As a breeder she has few equals in the state. She has five calves to her credit, has a lusty bull calf at foot, and is safe in calf again to Red Knight. This cow was a winner of second prize in Scotland when a two-year-old. She is a good individual and will not go begging on sale day. Imp. Gladys of Dalmeny is a richly-bred roan cow, also a daughter of Scottish Sailor and out of Imp. Gladys 47th by Prime of Fashion. She will also have a good bull calf at foot by Red Knight and will be rebred to the same bull. Another splendid six-year-old cow is Lavender Pearl. She is a daughter of the

Dutble-bred bull, Imp. Collure Archer, and is out of Miss Laveu by the Earl of March. She is a straight Lavender and one of the best things in the sale. She is a grand breeder, will have a good bull calf in the sale and is due to calve again to Red Knight. One of the best bulls in his last year's sale was out of this cow. One of the good bidders that will be sold is Bonnie Belle Mahone by the old bull, Champion, and out of Bonule Belle 2d by old Craven Knight. Her granddam is Imp. Bonnie Belle by Albion 95912. She is safe in calf to Red Knight. There will be eight or nine daughters of his old bull, Fitz Eustace, in the sale, and four daughters of the old Crawford bull, Champion. He is selling the well-known cow, Barrington's Gem, a Bates cow of considerable reputation as a breeder. She is the dam of the International sweepstakes steer, Princess of Quality, also dam of the two white steers that won first in their class at the same show a year later. The bull offering will be very attractive, and will be one of the best Mr. Rasmess has ever made. One of these is Lavender Fitz 253984 by Fitz Eustace and out of Lavender Pearl by Collure Archer. Then comes in unbroken lines such well-known bulls as the Earl of March, Red Emperor, Cumberland and Pride of the Isles. He is a straight Lavender and a very toppy fellow. Another corking good youngster and the making of a splendid herd bull is Prince Victor by Earl Victor and out of a daughter of Fitz Eustace. His second dam is Imp. Dalmeny Princess by Scottish Sailor. He is a low-down, thickly-made fellow and as toppy as you find them. He also sells the bull, Keystone, referred to above. He is a son of Lord Craibstone and out of a Matchless cow. This bull topped the W. J. Henry sale, and his dam is the mother of a couple of good herd bulls now at the head of other herds. Another very excellent young bull is Royal Victor, a Victoria-bred bull bred by the well-known breeder, Ernest Fuuke. Here we have one of the growthiest bulls in the sale, splendid in color and a nice individual, and he is a bull that the buyers are going to like when they see him. Red Knight's Model is another good youngster, a son of old Red Knight and out of a daughter of Fitz Eustace. The offering is a good one from beginning to end and breeders and farmers will find some very choice cattle in this sale. Write for catalog at once and kindly mention The Homestead.

Peter Hopley & Son's Imported Stallions & Mares.

On page 39 of this week's paper will be found the advertisement of that old and reliable firm of horse importers, Messrs. Peter Hopley & Son, of Lewis, Iowa. Of all the importing firms that have done business in the West none have done a straighter or a better business than this firm. The elder Mr. Hopley is considered one of the very best judges in America and he personally selects his own horses in France, Belgium and England. He is therefore enabled to give the buyer the benefit of his knowledge and also to save him an interpreter's fees and middlemen's profits. They sell their own horses and now have about thirty very choice stallions in their barns at Lewis, Iowa. These consist of Shires, Percherons, Belgian Suffolks and a few very choice German cobblers. In their importation this year they have brought over as grand a lot of black and gray two-year-old Percherons as has ever crossed the water. They will weigh from 1,750 to 1,850 pounds and they say that they never have had in their barns at one time so many good ones as they have in this importation. They also have some extra good big, heavy-boned Shires, two and three-year-olds, and some very low-down, drafty Belgians. They say about these: "Our Suffolks are the best that we have ever owned. We have three-year-old colts that will weigh now from 1,950 to 2,100, and only just landed. They are the kind that make draft colts that top the market and make a man's horses the pride of his farm." We personally know the men who are behind this firm and it is a pleasure on our part to recommend them to any of our readers who may want draft stallions or mares. They also have a nice bunch of Suffolk fillies on hand and they are pricing these at such a figure that any farmer can well afford to own a pair. Write them for prices on anything in their stables or go and see them personally. We will simply say this to intending purchasers, that they can get as good or better bargains here as they can get anywhere in this country. Write them at once and be kind enough to mention this paper.

McNeil Bros.' Duroc Sale.

A Duroc sale of more than ordinary importance will be held at Bowen, Ill., on Tuesday, October 30th, by Messrs. McNeil Bros. These gentlemen have won their way to the top ladder of Duroc breeding by careful selection of boars and the proper mating with extra good females. The best herds have been drawn upon for their breeding stock. At the head of their herd stands Hanley, the first-prize boar at the Ohio and Indiana State fairs in 1905. He has proven himself an exceptional sire and his get are appreciated by breeders who were fortunate enough to be present at the winter sale held by Messrs. McNeil Bros., in which forty sows of their own raising averaged \$48.01, up to that time the highest average ever made on Durocs in the state of Illinois. Their offering is made up of twenty fall sows, twelve spring boars, two tried brood sows, one yearling boar and fifteen winter and spring boars. They are the get of such noted boars as Hanley, Keep On Ill., Tip Top Notcher, Big I Am, Ambition, Cantina Boy, Buddy K. IV., The Great Conqueror, Queen's Pride, Chief No. 1, Msnley Orion and others. The offering is in good breeding condition and breeders may be assured of future profit when making selections from this good herd. In our issue of next week we will give full particulars in regard to this good offering, one of the best of the year. Catalogs are now ready and will be mailed to all who write as per the announcement on page 41 of this issue. Bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled. Plan to be present sale day.

MT. PLEASANT, IA.

TUES., OCT. 30 and THURS., NOV. 1.

"OPPORTUNITY SALE" of HEREFORDS and SHORT-HORNS

IN THE FAIR GROUND SALE PAVILION

100 HEAD OF REGISTERED CATTLE AT AUCTION

TUES. OCT. 30 HEREFORDS

45 CHOICE FEMALES WITH MANY CALVES AND 15 SUPERB BULLS OF THE MOST FASHIONABLE FAMILIES INCLUDING THE WELL-KNOWN HERD BULL AND TRIED SIRE, CARIYIE.

Consigners:—A. E. CHURCH, W. T. WRIGHT, J. H. WALLBANK & SONS, JNO. BURKE, all of Mt. Pleasant, Ia.; W. A. TADE & SONS, Hillsboro, Ia.; J. V. BRIDOK, Bentonport, Ia.; J. L. JONES, Roscoe, Ia.; JNO. SARR, Jr., Cantril, Ia.; G. B. ROBINSON, Marble Rock, Ia.; JNO. SHEPHERD, Danville, Ia.; AND OTHERS DESIRING TO JOIN AT ONCE.

THUR. NOV. 1 SHORT-HORNS

PURE SCOTCH, SCOTCH TOPPED AND BATES CATTLE OF THE POPULAR SORTS AND DUAL PURPOSE CHARACTER, INCLUDING WELL BRED FEMALES WITH CALVES, AND ABOUT A DOZEN GRAND YOUNG BULLS; ALSO THE PURE SCOTCH HERD BULL GOLD STREAM, A NONPAREIL AND ONE OF THE BEST BRED BULLS IN IOWA AND A GRAND BREEDER.

Consigners:—PHILIP J. SCHONE, Summerfield, Ill.; GRUMES BROS. Montrose, Ia.; W. G. BURKHART, Fairfield, Ia.; E. D. SEAMANS, Salem, Ia.; E. J. AUGSPURGER, Pulaski, Ia.; AND OTHERS DESIRING TO JOIN AT ONCE.

CATALOGS READY-----ADDRESS AT ONCE.

D. R. MILLS, SALE MANAGER.
DES MOINES, IOWA.

Mention The Homestead.

DISPERSION SALE!

OF THE C. E. TOWNSEND HERD OF

Scotch Short-horns

Anita, Ia., October 25, 1906

70
HEADSovereign Cupbearer 174431
and 9 young Scotch Bulls
go in the sale.30 Scotch Cattle, Orange
Blossoms, Victorias,
Mysies & Nonpareils 30All my Breeding cows, 2 and 3 yr.
old heifers, and young calves in-
cluded, about 60 head of females70
HEAD

Owing to my removal from the state and entering other lines of business, I am compelled to part with my entire herd of Short-horns.

IT IS with greatest regret that I am parting with my herd of cattle. I laid the foundation of this herd by purchasing ten head of Scotch females and I have always used the best of Scotch bulls. My herd has been one of the best paying herds in the state. The Scotch-topped tribes are representative Young Marys, Amelias, White Roses, Belinas, Miss Severs, Carolines and Metlidas. There will be nine HEAD OF YOUNG SCOTCH BULLS in the sale, besides my well-known Scotch herd bull, Sovereign Cupbearer.

Watch for pedigrees next week. There never was a better time nor a better place to lay a foundation for a herd. Send for a catalog, mentioning The Homestead. Address,

C. E. TOWNSEND, ANITA, IOWA.
Cols. Woods & Bellows, Aucts. Sale at farm 1 mile from town.

October 18, 1906.]

Last Call for the Combination Angus Sale of McElhinney, Cubit & Edgar.

In the last issue of The Homestead, considerable space was taken to enlarge upon the character of the good Angus bulls that had been used on the Messrs. McElhinney, Cubit & S. E. Edgar herds of Angus cattle, from which this select draft to be sold at Morning Sun, Iowa, October 25th, was drawn. There are thirty-nine head in this offering and only five bulls; thirty-four head being females of the most useful type and character. No old or worn-out cows are offered, as the oldest cow is only eight years old. There are nineteen cows in the offering, ranging from three years up to eight. The fifteen yearling and two-year-old heifers present a splendid aspect. They are in the bloom of youth and have all their future business life ahead of them. When it is considered that the Angus cow lives and produces for a quarter of a century, a pencil and paper would be required to figure out the hundreds of head of cattle that could be produced from a single female of this very prolific breed by commencing to breed them at two years old and figuring heifer calves half the time. One cow and her produce in ten years will produce seventy-one head; from this on the multiplication is much more rapid. One breeder in our acquaintance from the use of a single cow and her offspring did produce, and his herd books show the produce of, 237 head in seventeen years. The first five animals cataloged belong to the Baroness family; the next three are Brucehill Violets. These are followed by twelve Mayflowers, Lady Anns Elsie, Jeanettes, and Georgiana's, all the property of Messrs. McElhinney & Cubit. Mr. S. E. Edgar's offering commences with Lot 21 of the catalog and is a nicely bred Drumlin Lucy cow called Lucy Royal 4th, or rather she is a yearling heifer. Some splendid bulls have been used in her pedigree, one of which is Royal Eric by His Highness 6th. The last named bull is fresh in the mind of the writer as some eighteen years ago he had occasion to write this bull up along with his stable companion, Black Judge, at the time that the Hon. W. M. D. Lee, of Kansas, dispersed his then the most prominent Aberdeen Angus herd in America at Des Moines, Iowa. It was at this sale that Mr. Wallace Estill purchased His Highness 6th and Mr. J. Evans, Jr., purchased Black Judge. In their day these were considered the very best Angus bulls on this side the water. Lot 22 and 23 are of this same family and bred much in the same manner. The Drumlin Lucy's are always legal tender and a staple family in the Aberdeen Angus breed. Lot 24 is a Zara, sired by Leon Artist and he by Artist Knight, while his dam was the great show cow and producer of show cattle, Lucia Estill, a daughter of Heather Lad 2d, she being out of Lucia Windsor by the great bull Ermine Bearer. This beautiful Zara cow has a double cross of the great Heather Lad 2d in her pedigree. Lot 25 is a Rothiemay Georgiana, sired by the beautiful bred Pride bull McHenry's Pride 12th. This is a good useful cow that produces a calf every year and being a heavy milker produces exceptionally good calves. She is rich in Trojan Erica as well as Pride blood. Lots 26 and 27 are Westerfowles Lovelies. Lot 26 is a granddaughter of Imp. Entwistle and Heather Lad 3d of Estill. In the second list of sires in this pedigree will be found such bulls as Prince Inca, Rugby, and Guinea. These and the remainder of the offering are the property of Mr. S. E. Edgar. We presume that this catalog has been received by at least a goodly number of lovers of Angus cattle, but there is still sufficient time for any and all who wish to attend this sale to receive one and carefully peruse its pages, which are full of interesting matter to lovers of the black skins. No high prices are expected for this offering. These gentlemen have bred these cattle and they have not cost them any large sums of money, and while they have made their breeders and present owners plenty of money, they have a surplus and now invite their friends to come and help themselves at whatever price they may see fit to pay for these useful, prolific, market-topping cattle. A catalog can be secured by addressing a postal card to Mr. W. K. Henss, Mgr., Wayland, Iowa, or to Messrs. McElhinney & Cubit, or S. E. Edgar at Morning Sun, Iowa. Morning Sun is easily reached on the Peoria & Marshalltown line of the Iowa Central railroad, also on the north and south line of the C. R. I. & P. railway.

Last Call for the Combination Aberdeen Angus Sale at Mt. Pleasant, Iowa.

This is our last opportunity to direct the attention of our readers to the combination sale of Aberdeen Angus cattle to be sold at Mt. Pleasant, Iowa, on Wednesday, October 24th. The offering is consigned by such well-known breeders in southeastern Iowa as Messrs. W. B. Seeley, of Mt. Pleasant; W. K. Henss, of Wayland; T. J. Cline, of Salem, and J. D. Beaber, of Rome. These gentlemen have associated themselves together in this combination sale for the purpose of establishing themselves before the farmers of eastern Iowa and western Illinois as breeders of first-class Aberdeen Angus cattle. They desire to make these annual sales at the new pavilion in Mt. Pleasant and thus show the world that there is a center at which the breeder and farmer can congregate once a year where Aberdeen Angus cattle of the highest character can be bought at auction. Their location is ideal for the business. Each of these breeders has been in the business long enough so that their herds have grown to such proportions that a small draft can be spared annually. Mr. Seeley contributes four bulls to this offering, Pride's Bearer, Barondale 2d, Pride's Ito and Eridale. The last two are a Pride and an Erica, as their names indicate. Pride's Bearer is also a Pride bull and Barondale 2d is a Baroness. They are all sired by that most excellent Blackbird bull, Blackbird Ito. Mr. Seeley sells three Baroness cows, three Blackbirds, one Erica, two Easter Tulloch Jeans, two Prides, three Queen Mothers and two West-ertown Roses. All these of breeding age are

bred to Blackbird Ito. Mr. Cline sells six head, three Brucehill Violet cows, two Drumlin Lucy bulls and a half interest in the great Blackbird bull, Black Jam Dale. This bull is owned jointly by Mr. Cline and Mr. Seeley. He is by Black Knight of Estill 9th and out of that phenomenal cow, Blackcap's Beauty, she being a daughter of Rugby. This is one of the best bred Blackbirds bulls living. On his sire's side we find Imp. Entwistle by Prince Inca, he by Iliad and he by Etolian. On the dam side is Rugby, Young Hero and Young Viscount, as well as the great and invincible Knight of St. Patrick. Blackcap's Beauty has for her dam Blackcap of Kellor Lodge, a full sister to the greatest Angus bull that America has yet seen; we refer to Black Knight. Black Knight was by Knight of St. Patrick and out of Blackcap. She was imported by Messrs. Gudgeon & Simpson, of Independence, Mo., and Governor Simpson said to the writer that Imp. Blackcap was the best cow of any of the beef breeds that he had ever seen on either side of the water. Mr. Beaber sells ten head. They are of the Baroness, Brucehill Violet, Cairnballoch families. Most of Mr. Beaber's offering are sired by Mercerite, a grandson of Mr. McWhorter's great show bull, Duke of Marlborough, and he by the great Black Abbott. Mr. Henss sells four head, two bulls and two cows. One cow is a Queen Mother, sired by 2d Lad of Emerson and out of Queen McHenry 4th. She belongs to the same family that produced the \$2,800 cow, Lucia Estill, and the \$3,050 bull, Gay Lad. Mr. Henss also sells Woodside Chloe 7th, a daughter of Black Monarch of Homedale. She has in her pedigree such good bulls as Jim Jams, Wellington, Rugby, Black Monk and Blackbird Jim, as well as the Blackbird bull, Allblack. The bull, Cracker Jack, the sire of her dam, is from the same dam, Antelope 3d of Crediton, as was Advanced, which sold for \$1.50 per pound after winning the grand championship steer prize at the International. Mr. Henss sells a good Pride bull in Eolide Duke. This bull was sired by Eolide and out of Pride 24th of Braevall. His sire was champion over all breeds at Strathspy in 1900. His dam was by a grandson of the Highland champion, Equestrian, while his second dam was by the K. Pride bull, Kininvie, a brother to Kidnapper. The other bull offered by Mr. Henss is Woodside Chancellor 3d. This is a Coquette bull, sired by Black Monarch of Homedale. This is a family that has furnished Mr. W. A. McHenry many of his celebrated prize winners, in fact, the Coquettes and Barbaras have been the two most distinguished families in Mr. McHenry's herd in producing his champions. The sale catalog is now ready for distribution and can be had by addressing any one of the consignors.

Mt. Pleasant "Opportunity" Short-horn Sale, November 1st.

Sale Manager D. R. Mills, of Des Moines, Iowa, announces on page 36 a sale of Short-horn cattle to take place in the fair grounds sale pavilion at Mt. Pleasant, Iowa, on Thursday, November 1st, at 1 p. m. Mr. Mills calls this his "Opportunity Sale" and it promises really to be an opportunity to purchase most desirable Short-horn cattle at prices well worth the money. Consignments have been cataloged from the herds of Messrs. Philip J. Schoene, of Summerfield, Ill.; Grimes Bros., of Montrose, Iowa; W. G. Burkhardt, of Fairfield, Iowa; E. D. Seamans, of Salem, Iowa; E. J. Augspurger, of Pulaske, Iowa, and others who desire to join. The first lot in the catalog is the straight Scotch herd bull, Gold Stream 177214, consigned by Messrs. Grimes Bros., on Montrose, Iowa. This is a Nonpareil Princess whose sire was Invincible, a bull bred in Scotland by Mr. A. Crombie. The dam was a daughter of Imp. Spartan Hero, bred by Mr. Cruickshank and well known throughout Iowa; second dam by Vice Consul, also bred by Mr. Cruickshank, and the third dam the imported cow by the Campbell-bred Golden Prince. As a matter of pedigree this animal presents argument that is good to every Short-horn breeder who knows history. As a practical proposition for the breeder who wants a straight Scotch-herd header he will certainly bear the closest inspection, as his individuality is in keeping with his superb breeding. Mr. Burkhardt's offering is somewhat out of the usual order from the fact that it presents some straight Bates breeding such as is not frequently driven into a sale ring. One of his entries is the two-year-old bull, Waterloo Scotchman, whose dam was a Waterloo cow of the purest Bates strain. He is described as a growthy animal of good quality, one that has never been pampered or spoiled and that has been proven a breeder. The two Bates cows that Mr. Burkhardt sends forward are both daughters of Wild Eyes Duke 5th, a son of Royal Waterloo, and his dam, Wild Eyes 46th, was also the dam of the great Elbert & Fall bull, Peculated Wild Eyes. One of these cows belongs to the Waterloo Duchess family and the other traces to Imp. Water Girl. The Schoene consignment is one of a good deal of merit. It includes five choice young bulls and fifteen fine young females of the Young Mary, White Rose, Harriet and Lady Elizabeth families, all of which have at least two or more excellent Scotch top crosses. We find among them daughters of the pure Cruickshank Lavender bull, Ladron (a Harris-bred bull by Galahad), Orange Chief, Dick Taylor, son of the Cruickshank-bred Violet, Imp. Harvester, Grand Viscount (a Cruickshank Bravith Bud), Orange Top (a Cruickshank Orange Blossom), Pride Perfection, a son of the noted Duthie-bred Cruickshank Mysie bull, Imp. Scottish Pride, Kirklevington Duke, etc. We find in this lot representatives of those families upon which have been built the success of the Short-horn breed in America, and should be looked after by prospective buyers. They are good breeding cattle of deep milking strains and some of the cows will go into the sale with calf at foot. A few additional Short-horns will be accepted for this sale if pedigrees are forwarded at once. Catalogs giving full information are now ready and will be cheerfully forwarded. Address Mr. D. R. Mills, sale manager, Des Moines, Iowa. Manager Mills would also urge those who contemplate making entries for the Kansas City, St. Paul and Omaha auctions to forward entries without delay.

JOHN RASMESS

FIFTH ANNUAL SALE OF

SHORT-HORN CATTLE

46
HEAD46
HEAD

At the Home Farm near town

Lake City, Ia., Thursday, Nov. 1, 1906

Imported, Straight Scotch & Scotch Topped Cattle.



HERE will be nine Scotch cows and heifers and five Scotch bulls in the sale of Miss Ramsden, Matchless, Victoria, Marchioness, Lavender, and other Scotch tribes. I am also selling two splendid imported cows, Imp. Dalmeny Princess 9th and Imp. Gladys of Dalmeny, both with good bull calves at foot by Red Knight, and rebred again to same bull. The rest will be well Scotch-topped, having five and six of the very best crosses. I am selling a very high class lot of bulls, among which are several sons of Fitz Eustace, a son of Lord Craibstone, Prince Missie and Earl Victor. Every female in the sale that is old enough will either have calf at foot or will be right at calving. Catalog now ready. Write for it, mentioning Iowa Homestead.

JOHN RASMESS,

LAKE CITY, IA.

Cols. F. M. Woods and Geo. P. Bellows
Auctioneers.

Steward
AND
Hutcheon

HEREFORDS

AT AUCTION, WEDNESDAY, NOVEMBER 7, 1906.

At the Farm near Bolckow, Mo.



THE GET OF BEAUMONT 134751

50 HEAD 40 FEMALES, 10 BULLS 50 HEAD

Among the cows and heifers are several daughters and granddaughters of Fowler Queen, the greatest show and breeding cow ever got by Van Natta & Son's great breeding bull, Fowler. The females of the 1905 show herd are included. Ten heifers are by Beaumont. Others by such sires as Beau Brummel, Lamplighter and Paladin. Among the bulls is Parsifal, the second prize junior yearling at the American Royal. A double Beau Brummel just a year old. Seven sons of the famous Prime Lad. These are consigned by W. S. Van Natta & Son, of Fowler, Ind.

This sale is brought about to settle the estate of the late Jno. Steward and the only things reserved are a few old cows and the herd bull, Beaumont. These are reserved by Mr. Hutcheon as a nucleus for a herd. All trains stop at Bolckow on the Burlington, and Guilford on the Great Western.

Send for catalog, mentioning The Homestead.

STEWART & HUTCHISON,

BOLCKOW, MO.

Last Call for the Wright County Short-horn Breeders' Sale.

As has been previously stated in The Homestead from week to week, Messrs. T. A. Davenport, of Belmont, Iowa; G. J. Mack and Rice & Lindsey, of Clarion, Iowa, will hold a three days' sale of Short-horn cattle at their respective farms in Wright county, Iowa, as follows: Mr. T. A. Davenport holds his sixth annual sale Tuesday, October 23d, G. J. Mack disperses the Lilac Hill herd October 24th and Messrs. Rice & Lindsey, for the purpose of dissolution of partnership, disperse their herd of Short-horns on October 25th. Mr. T. A. Davenport's Pike Timber herd is one of the oldest established herds in Wright county and has been built up through the use of the best Short-horn blood obtainable. Perhaps no bull did more to establish the Pike Timber herd upon a sure and firm footing than did the use of the splendid bull, Imp. Charmer. He is a Miss Ramsden, sired by Evening's Pride. He was a son of Village Pride, bred at Collynie and sired by Knight of St. George; dam Village Maid 17th by Master of the Ceremonies out of a daughter by Prince of Orange. It will be thus seen that the breeding of Imp. Charmer was such that great results from the use of this bull might reasonably be expected. Following this bull was Baron Gloster 8th, a splendidly-bred Duchess of Gloster sired by Golden Lord. This bull was assisted and is now supplanted by that royally-bred Imported Scotch bull, Kinellar Stamp. A worthy son of a great sire is he, his sire being the Duthie-bred bull, Count Joyful, he by Count Arthur and he by the celebrated Count Lavender out of Victoria 85th by Gondolier. Kinellar Stamp's dam was Imp. Winning Witch by the Marr-bred bull, Marshfield, and he by the greatest bull used at Upper Mill in recent years, the celebrated William of Orange, out of Missie 96th by Athabasca; she out of Missie 55th, the dam of Imp. Missie 153d that sold at auction in Chicago at the phenomenal price of \$6,000 to Mr. W. C. Edwards, of Canada, \$5,900 being bid on this cow by Mr. N. A. Lind, of Rolfe, Iowa. This bull comes of some of the best blood ever bred by Messrs. Duthie, Marr, Campbell or Cruickshank. The second sire in his pedigree on the dam's side is Mediator, a Miss Ramsden got by Gravesend and out of Mary 5th by Vermont. We might go down through the full list of sires for at least ten in number and equally as good breeding will be revealed as in the ones given above. We speak at length on these bulls for the reason that the bulk of Mr. Davenport's offering is either sired by or bred to the above described bulls. His offering embraces forty-five head of as useful cattle as he has ever sold. However, aside from the bull contingent he is not endeavoring to offer Scotch cattle. There are thirteen bulls listed for sale, the remaining thirty-two being females. A large per cent are the Rose of Sharon, Young Mary, Josephine and other standard families equally as well bred. Several Scotch bulls are listed by Mr. Davenport. One that we are pleased to mention is Ruddington Charmer. This bull is just ten months old at time of sale and is a full brother to the great Philo Hay that was used with such marked success by Mr. G. J. Mack. Ruddington Charmer, as his name implies, was sired by Imp. Charmer, while his dam was Imp. Ruddington Daisy, a daughter of the Duthie bull, Lordly Archer, she out of Imp. Daisy 21st by Melapus, he by the Cruickshank Clipper bull, High Commissioner. Following this are two crosses in his pedigree of the celebrated William of Orange. This bull is certainly a fine prospect from the standpoint of aristocratic breeding for a choice herd bull for some sagacious breeder. Another good Scotch bull is Ezra, an aged bull bred by Messrs. Cookson Bros., sired by Ahiquil. He belongs to the celebrated Cruickshank Rose Mary family. Ahiquil was sired by Imp. Aberdeen and out of the imported cow, Crow Quill by Cumberland; second dam Colt's Foot by Dunblane. This is a red bull, calved June 1, 1899. He has been used and is sold for no fault whatever. Baron's Pride is a nice eleven-month-old red bull got by Baron Gloster 8th and belongs to the same family, Rose Mary. Baron's Pride has for his dam Rosy Charm by Imp. Charmer. Thus it will be seen that he is well topped out above the imported cow. Below Imp. Charmer appears such bulls as Commodore, Imp. Pro Consul, Imp. Spartan Hero, Village Boy, Breadalbane and Lord Raglan. Lot 36 of the catalog is Bell's Baron, a yearling red bull interspersed with a little white, sired by Baron Gloster 8th out of Charming Bell, she by Imp. Charmer, her dam being Imp. Lady Bell 7th. He belongs to Mr. Cruickshank's noted Jessie or Jealousy family, sometimes called Jessamines. This bull is rich in fresh Scotch blood other than Cruickshank. Through such bulls as the Bruce bull, Life Line, Duke of Richmond through Master of the Ring, and Mr. A. Crombe's through the bull, Denmark, founded on the cow, Jealousy, by Baron Warlahy, bred by Mr. Richard Booth. Thus it will be seen that some of the best Scotch blood of fresh lines is found in this bull's pedigree. An unusually large number of cows with calves at foot are offered in this contingent, it being the aim of Mr. Davenport to give his buyers all that he possibly can in value for the money they pay him. Ample accommodations will be furnished for the comfort of his guests at both Belmont and Clarion. Free conveyance from either place to the farm. See advertisement on page 40.

G. J. Mack's Consignment.

It is with regret that Mr. G. J. Mack, of Clarion, Iowa, is forced by circumstances beyond his control to disperse the Lilac Hill herd of Short-horns. This dispersion sale will occur October 24th, the day following Mr. T. A. Davenport's sale at Belmont, Iowa. We trust that most of The Homestead family interested in Short-horns have already asked Mr. Mack for his sale catalog, which shows the pedigrees of fifty-six head, including a goodly number of straight Scotch cattle. As we entered into detail in last week's Homestead concerning these Scotch females, we will attempt at this time to do nothing more than to generalize on the whole offering. Being a dispersion sale it naturally follows that all of the older matrons of the herd will be included. Among these are cows that have lost their bloom, but are the producers of the "cream of the sale." To the young beginner who has but little money to

invest, we would say by all means be present and keep an eye out for some of these old tried and never-failing business cows, as they are likely to be sold for less than their worth, by virtue of the reasons already given. By way of comparison, so far as comeliness is concerned and general beauty, they compare as the old lady of sixty to her daughter of seventeen. We might state that the best bulls have been constantly in use at Lilac Hill, so that the breeding in all of the top crosses has been in line with the splendid bulls that were used in framing the foundation for the Lilac Hill herd. We trust that Mr. Mack's offering will be appreciated, because of the fact that he has been a very enthusiastic breeder of Short-horns, never losing an opportunity to speak a good word or do a kind turn that would bring credit and renown to the old reliable breed, the reds, whites and roans. His catalog has been ready for distribution for some time and doubtless many of our readers have already perused its pages and ascertained the rich character of breeding that will be offered in this dispersion sale. However, if such is not the case and the catalogs have not been received, one will be sent by return mail on application to Mr. G. J. Mack, of Clarion, Iowa. See advertisement on page 40.

Rice & Lindsey's Dispersion Sale of Short-horns.

On Thursday, October 25th, at their farm between Clarion and Belmont, Iowa, will occur the dispersion sale of the Meadow Dale herd of Short-horn cattle, owned by Messrs. Rice & Lindsey, embracing fifty-one head of useful business Short-horns. These cattle will be presented fresh from the pasture and not having on their "ball-room" clothes, are expected to sell at bargain prices. Some of them have scarcely been stabled long enough to become halter broken. One of the notable features of this sale is that all females of breeding age have been bred to Victor Prince 195385, one of the best Scotch bulls in northern Iowa. This bull will be on exhibition and will be sold to the highest bidder on sale day. In our last issue we entered into detail concerning the breeding of this bull, whose pedigree appears as Lot 43 of the sale catalog. The catalog states that this bull is a dark roan. He may be more properly called a dark red, as there is but a slight trace of any roan hairs in his coat. Some of the very best Scotch bulls and most noted prize winners will be found in this bull's pedigree. He is a massive, thick-fleshed fellow that individually would command attention at the American Royal or International stock shows. He is not yet five years old and should be sought after by some one in quest of a strictly first-class Scotch herd bull. He is out of an imported sire and an imported dam. The cows offered by Messrs. Rice & Lindsey are Young Phyllis, Rosabella, Young Mary, Lady Elizabeth, Zelie or Fashion and Crocus families. In this offering are a number of most valuable cows and heavy milkers. The milk record of some of the cows in this sale, as told the writer by Mr. Rice, is really surprising. We would impress at this time upon the minds of those who contemplate buying a number of cattle, that at this three days' sale there will be given a splendid opportunity for Minnesota, Dakotas and Nebraska buyers (who usually procure a car load) to be obtained at this sale just what they are looking after. The one expenditure of time and money will enable them to take in the three days' sale, as they are all within a few miles of each other. Ample arrangement has been made by the parties making this sale for free entertainment and conveyance from one sale to the other. Messrs. Rice & Lindsey will be pleased to mail their catalog and give a personal description of their herd bull to anyone interested sufficiently to write for the same.

Sale of Pure Scotch and Scotch-topped Short-horns.

The sale which Mr. E. J. Hayes will hold at his farm near Hampton, Neb., on October 31st promises to be one of the best of the season. His herd of royally-bred Short-horns stands high in the estimation of the best of judges and we believe this sale to be one of the best to be offered in Nebraska this year. The cattle are bred in the purple, and this, combined with that strong individuality, makes them choice. The bulls used in the herd have made great records as sires, and the calves will show that they have mated well with the high-class herd of cows in service. The offering will consist of twenty-six royally-bred cows and bulls. The cows will be safe in calf or will have calf at foot, while part of them have been rebred. No. 1 in the catalog is Starlight Oderic, got by Imp. Prince Oderic, tracing to Imp. Ducal on sire, and Imp. Victoria 71st on dam's side. This animal was calved in 1902, is red, and a strong individual. Star Queen was got by Starlight and traces to Imp. Julius on sire's side and Imp. Eliza on dam's. This cow is a little old, but not so much so as to keep her from doing the buyer very much good. The entire offering is roan and red. Anna Orange 2d was got by Prince Ideal and out of an Imp. Orange Blossom 18th. She has a bull calf at foot and is again safe in calf to the good bull, Barmpton Gloster. This is a bargain. Second Seraphina of Hebron was got by Crimison Scott and out of an Imp. Seraphina Carrissima 3d dam. She has a very nice heifer calf at foot and is rebred to Starlight. Braith Bud 2d, got by Royal Fame, he tracing to Ducal Crown and out of an Imp. Foxglove dam, has a bull calf at foot by Choice Goods O. K., a son of the great \$5,000 Choice Goods. You get the best in this lot. Glendale Rose, got by Crown Prince and out of Imp. Rose of Sharon dam, has a red bull calf at foot got by Starlight. The cow is rebred to Barmpton Gloster. This Barmpton Gloster had several head at the American Royal this season and the former owner tells us that they are choice animals. Mr. Hayes purchased this royally-bred bull at the McGavock sale at Geneva, Neb., this summer and has been using him on his choice cows. Starlight Oderic has several good calves in the offering. The entire sale affords ample opportunities to select good bulls and some very choice cows for foundation of a royally good herd. Mr. Hayes will sell at his farm. Write for his sale catalog. See advertisement on page 39.

2-Days Dispersion Sale

OF THE

Grass Hills and Foultz

HEREFORDS

AT GRASS HILLS STOCK FARM

Three and a half miles east of Bolckow, Mo., and two and a half miles west of Cawood, Mo.

Tues. and Wed., October 30 and 31.

86 HEAD

Consisting of 45 head of breeding cows with calves, 15 two-year-old heifers bred; 15 head of yearlings,

and two good herd bulls. Anxiety and Grove bulls have been used to produce our stock. Our cattle are in good thriving condition and will be put in the sale without extra preparation, to sell on their merits as breeding cattle, their individuality being sufficient to warrant this statement.

Write either of us for catalogs, addressing,

L. W. CRAIG, or JOHN FOULTZ,

BOLCKOW, MO.

REA, MO.

COL. R. L. HARRIMAN and others, Auctioneers.

Mercer County Breeders' Auction of Highly Bred and Meritorious

ABERDEEN ANGUS CATTLE

AT THE FAIR GROUNDS, ALEDO, ILL., TUESDAY, OCT. 23, 1906

SIX bulls and thirty-seven cows and heifers are cataloged, including the double Blackbird-topped S. Ballindalloch K. Pride bull Palamon B., a yearling of beautiful symmetry and grand scale; the Trojan-Erica heifer Emma of Hamlet 5th; the double Blackbird heifer Blackbird of Hamlet 8th; the Blackbird show heifer Shadeland Blackbird 3d; and other good ones the get of such sires as Royal Blackcap 2d 49527, Black Knight of Estlin 8th 29493, Imp. Allick of Theakston 61676, Guinea of Taylor Ridge 28854, Duke of Marlborough 22827, Hector of Lakeside 25647, Countersign 52492, Britton 52876, Rotanta 10364, Jasper M. 52870, Teutonic 52489, Aidine of Woodwyn 24231, Custodian 52498, Kenovet 52448, Sultan 2d of Greenville 22772. The most fashionable families are represented. The offering is absolutely free from culls, and for shortlegged, thick-fleshed animals of grand quality and scale that will advance and maintain the best type of breed, it is rarely equaled. Mercer county has within its borders more registered Aberdeen Angus cattle and more men interested in them than can be found in any other county in any other state in the union. We are proud of the cattle we shall submit for public veneration on this occasion, and we invite, not only our friends, fellow-breeders and farmers of Mercer county, but also those of other counties and other states to attend this auction and see the Angus where he reigns supreme. Consignors: C. A. Bopes, Reynolds, Ill.; G. E. Thornton, Millersburg, Ill.; G. E. Aikins, Aledo, Ill.; J. E. Reed, Aledo, Ill., and S. Lee, Aledo, Ill. Parties attending sale will be met at Reynolds, on the Rock Island railroad, and Seaton, on the Iowa Central railroad. For catalog address,

W. C. MCGAVOCK, SALE MGR., - SPRINGFIELD, ILL.
COL. SILAS ICO, AUCTIONEER.

PRIZE WINNING O. I. C. SWINE AT AUCTION At Independence, NOV. 2 Missouri,

35 BOARS.

25 SOWS.

The blood of Kerr Dick, the World's Fair junior champion, and Big Mary, the champion sow, predominates. Among the five yearling boars is the American Royal champion got by Kerr Shelton and out of a daughter of Big Mary and the reserve champion got by the champion, Kerr Dick. Among the spring pigs is the second-prize boar and his litter brother, the first and second prize gilts, the litter that won first as produce of sow, get of sire and the first-prize young herd. Sale in town, forty-five minutes from Kansas City on electric line. Write today for catalog, mentioning this paper.

Col. J. W. Sparks, and others, Auctioneers.

O. L. Kerr, Independence, Mo.

**BIG SALE****OF CHOICE****POLAND CHINAS****AT GRAND ISLAND, NEB., OCT. 27TH**

The Class of Quality Hogs that combine with size. Forty Head of Royally Bred Males and Females. Our Hogs won Honors at Nebraska State Fair. We guarantee every Animal. The get of King Look, Our Chief and Grand Look. Three great sires that have choice class of Pigs in sale. The get of King Look won 15 Ribbons at Nebraska Fair.

In making our sale of highly bred Polands, we have reserved all of our males and females for this sale. We refused several tempting offers for choice boars at the Nebraska State Fair. We want to make an offering where we can stand back of them and this is what we are doing in this sale. We will stand back of every pig purchased on a mail bid and if you are not satisfied with purchase we will refund your money. The entire offering represents the blood of choice families. Breeders from a distance will stop at Palmer House. Catalog is now ready. Write them at once.

W. L. McNUTT, PROPS. **J. C. MEESE,**
ORD, NEBRASKA. COMSTOCK, NEB.

Col. T. C. Callahan, Auctioneer, G. W. Segrist, Fieldman.

HECTOR COWAN'S**14TH ANNUAL****SHORT-HORN SALE.****Tuesday, Oct. 23, at Paullina, Ia.**

The fifty head cataloged include 15 Scotch females, 8 Scotch bulls, (imported and home-bred), 10 heifers by imp. Nonpareil, and 20 calves. Females bred to Nonpareil and Anoka Archer, full brother to the \$5,000 champion Ceremonious Archer. I have never offered a better lot. Send for catalog, mentioning The Iowa Homestead.

HECTOR COWAN, PAULLINA, IA.

COL. F. M. WOODS, Auctioneer.

"Black and All Black: the Angus 'Doddle' and No Surrender!"

ABERDEEN ANGUS AT AUCTION.**AT HEATHERTON FARM, NAPERVILLE, ILL., OCT. 31, 1906, 1 P. M.****57--HEAD****Prime in All Respects****HEAD--57****40 Females-----17 Bulls.**

Come and see if a fair selection has been made from the cattle in the Heather-ton herd. You will probably meet more Angus breeders than have assembled at a sale in recent years. Thirteen cows with calves at foot, cows in calf, heifers and young herd headers. An inspection of the Heather-ton herd in its twenty-fourth year and in its new home will interest breeders. Beginners may buy with confidence that later knowledge will not cause them to discard the blood lines chosen from this herd. The offering consists of thirteen Blackbirds, twelve Prides, eight Jilts, six Trojan Ericas, six Rosebuds, five Zaras, four Heather Blooms, etc.

Naperville is twenty-eight miles west of Chicago on the main line Burlington road and through trains and suburban service. Send for Heather-ton Herd History, second edition, and also sale catalog at once, mentioning this paper.

JOHN S. GOODWIN 184 LaSalle Street **CHICAGO, ILL.**

PETER HOPLEY & SON**LEWIS, IOWA****Percherons - Shires - Suffolks, Belgians and German Coachers.**

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. **BARNES AT FARM.**

A few choice Suffolk fillies for sale**FIFTH ANNUAL SALE****OF****LAKEWOOD SHORT-HORNS****AT ROCK RAPIDS, IOWA, WEDNESDAY, OCT. 24TH.****47 HEAD--10 BULLS--37 COWS & HEIFERS**

A splendid lot of Scotch and Scotch-topped cattle in fine breeding condition. Several of the bulls are extra good and the cows and heifers are the best we have ever offered and bred to our famous Scotch herd bull, Morning Joy. A great opportunity to get a good young bull or cows and heifers in calf to one of the best bulls in Iowa. Send for catalog to

H. G. McMILLAN, PROP., - C. M. DENT, MGR.,
ROCK RAPIDS, IOWA.

Royally Bred Offering of
Scotch and
Scotch-
Topped..... **Short-horns**

To be sold at my Farm near Hampton, Nebraska.
OCTOBER 31st, 1906.

26 Head

Cows and Bulls. Choice Herd Headers.
Cows with Calf at Foot or Sale in Calf.

26 Head

Such families as Imp. Prince Oderic, Imp. Julius, Imp. Ducal Crown, Imp. Chief Stewart, Imp. Northern Light, Imp. Baron Jubilee Gwynne. Females trace to Imp. Victoria 71st, Imp. Eliza, Imp. Orange Blossom 18th, Imp. Seraphina Carrissima 3d, Imp. Foxglove, Imp. Rose of Sharon, Imp. Rosemary, Imp. Adelaide, Imp. Princess and Imp. Beauty.

My offering will be one of good, choice cattle bred in the purple. My cattle will go into the ring in good condition. The cows will have calf at foot by pure Scotch bull or sale in calf to same. My catalog is now ready. Mention this paper when writing.

E. J. HAYES, Prop.

T. C. CALLAHAN,
Auctioneer.

HAMPTON, NEB.**POLAND CHINA BOAR SALE****ON WEDNESDAY, OCT. 24, 1906**

.....From the Willow Lawn herd of Messrs J. L. Miller & Sons, of Brooklyn, Iowa.....

ON the above date we will sell at public auction forty Poland China boars, twenty of which are of March farrow, the balance last fall's pigs. The fall boars are sired by J. L. Perfection 105711, a great grandson of Chief Perfection 32199. The dam of J. L. Perfection is Dickens 192278, by Gobel 61315. The spring boars are sired by W. L. Chief 105709 by Longview Chief 71057. The dam of W. L. Chief is Jilt's Favorite 215300 by Longfellow Tecumseh 63529. The boars are extra long, good full backs, and not a bad footed individual on the place. We have bought our breeding stock from the leading Poland China breeders of the state and have been in the business twenty years. The dams of some of the spring boars are Best Chief 28824 sired by black U. S. 8455, her dam being May Chief 227428, of Chief Tecumseh strain. Longstar 283362 farrowed ten-five boars and five sows, she sired by Black U. S. 8455, her dam Starlight 24 186938. Pedigrees will be furnished on day of sale. There will be free conveyance from Chelsea, Hartwick and Brooklyn.

J. L. MILLER & SONS, - - BROOKLYN, IOWA.

Cols. Wm. B. Duncan, James Dutron, Auctioneers.

THREE-DAY SALE of SHORT-HORNS

WRIGHT COUNTY, IOWA

OCTOBER 23d

The big three days' sale of Short-horns at Clarion and Belmond, Iowa, will be held on October 23, 24 and 25, 1906. The opening of the three days' sale will be made at Belmond, Iowa, October 23d by T. A. Davenport, who sells 45 head, about 25 head of cows with calves at foot; 35 females all told and 10 bulls, including 4 Scotch bulls bred well enough for the most critical, one of these bulls being a full brother to the celebrated Philo Hay. The calves and younger things are all sired by Imp. Kenellar Stamp and Charmer. For catalogs of this sale, address

T. A. DAVENPORT
BELMOND, IA.

Free conveyance to the
sale from Belmond & Clarion

GEO. P. BELLOWES
Auctioneer

OCTOBER 24th

Mr. G. J. Mack will disperse his entire herd of 50 head, including 10 head of Scotch cattle, 7 females and 3 bulls of the following families: Nonpareil, Duchess of Gloster, Orange Blossom and Mysie. Other families represented are Zelias, Pansy and Bracelet. This is an unusually desirable offering of Short-horns. Owing to death in the family and the breaking up of our home, this dispersion sale becomes necessary. Address for catalog,

G. J. MACK
CLARION, IA.

Col. Geo. P. Bellows, Auctioneer

OCTOBER 25th

will occur the dispersion sale of Rice & Lindsey's entire herd of Short-horns at Clarion, Iowa. There will be 50 catalog lots, 42 females and 8 bulls, including the great herd bull Victor Prince 195385 by Imp. Golden Drop Victor. Dam, Imp. Coral Countess. It is the heaviest milking herd in Northern Iowa, as well as a very rapid breeding herd. Address for catalog,

RICE & LINDSEY
CLARION, IA.

Ralph W. Barclay, Auctioneer

GREAT Kansas City Auctions

AT
FINE STOCK SALE PAVILION-----STOCK YARDS.

60 High Class
Herefords.

Will be offered on
Thursday, November 1

Consisting of twenty bulls and forty cows and heifers and representing the most celebrated prize-winning strains of the breed. Herd-heading bulls, show cattle of both sexes, and cows in calf to superior stock bulls are cataloged and much merit is maintained throughout. The cattle are owned by leading breeders and represent the best type of the modern up-to-date Hereford.

The list of consignors follows:
R. T. Thornton, Kansas City, Mo.; J. W. Lenox, Independence, Mo.; T. P. Whittenburg, Pleasant Hill, Mo.; Geo. E. Ess, Clark, Mo.; G. B. Little, Olathe, Kan.; Ernest Cottingham, Clark, Mo.; D. B. Rogers, Brookfield, Mo.; Sheridan Henry, Ridgeway, Mo.; J. C. Andras, Jr., Manchester, Ill.

Superb Scotch &
Scotch Topped
Short-horns. **60**

Will be Auctioned on
Friday, November 2

Including such herd-headers as the Clara bull Claret's Sovereign 245194; the Nonpareil bull Baron-dale 244736; the Missie bull Morning Flash 216722, and other good ones. Several imported Scotch cows are cataloged, a number of straight Scotch are included, and there are superior animals of both sexes among the Scotch-topped ones. Consignors: T. B. Hart, Edinburg, Ill.; I. W. Baughman, Edinburg, Ill.; J. J. Littrell, Clark, Mo.; Rad Wirt, Clark, Mo.; Forest Pullington, Clark, Mo.; A. H. Robertson, Clark, Mo.; J. H. Cottingham, Clark, Mo.; J. F. Keith, Sturgeon, Mo.; W. L. Wright, Vandalia, Mo.; F. M. Bransetter, Mt. Carmel, Mo.; A. F. Graves, King City, Mo.; E. H. Callihan, Brown-ing, Mo.; P. W. Hoshier, Rosendale, Mo.; O. L. Kerr, Independence, Mo.; J. K. Alexander, Edinburg, Ill.

The Two Days Event is an Attractive One to all Interested in Beef Cattle Breeding. For Catalog of Either or Both Sales, Address

W. C. McCAVOCK, Sale
Mgr.

Cols. R. E. Edmonson, R. L. Harriman,
D. B. Rogers, Auctioneers.

SPRINGFIELD, ILL.

..COMBINATION SALE...

OF ANGUS CATTLE

TO BE HELD IN THE SALE PAVILION AT
MORNING SUN, LOUISA CO., IA.,
ON THURSDAY, OCTOBER 25, 1906.

This is a select draft of thirty-nine head from the herds of McElhinny & Cubit and S. E. Edgar, of Morning Sun, Iowa, and consists of nineteen cows from three to eight years old, fifteen yearling and two-year-old heifers, and five young bulls. This is no "housecleaning" sale, but a bunch of high-class cattle. Here the buyer can find cows in their prime with calf at foot and rebred, or young heifers, with all their usefulness before them, or bulls to sire the "market-topper." The families represented are: Baroness, Chloe, Brucehill Violet, Drumin Lucy, Georgiana, Jennet, Miss Morrison and Zara. Arrange to attend this sale, where you can see representative animals of "the breed that beats the record." For catalog, address

...W. K. HENSS, SALE MGR...
WAYLAND, IOWA.

COL. SILAS IGO, AUCTIONEER.

THE GREAT ILLINOIS CHAMPION SALE CIRCUIT

180 Tops from four of the good herds of Illinois. Each herd headed by a champion boar. A rare opportunity to buy a herd header

**OCTOBER 30 TO NOVEMBER 2, 1906,
INCLUSIVE.**

OCTOBER 30TH

McNEIL BROS.

BOWEN, ILL.

..... 50 HEAD 50

Twenty fall sows, 12 spring gilts, 2 tried brood sows, 1 yearling boar, 15 winter and spring boars, the get of such males as our herd header Hanley, first at Ohio and Indiana State Fairs, 1905; Keep On Ill.; Tip Top Notcher; Big I Am; Cantine Boy; The Great Conqueror; Queen's Pride; Chief No. 1; Manley Orion; Buddy K. IV., and others. Write for catalog.

NOVEMBER 1ST

ED. A. BAXTER

PAWNEE, ILL.

**45 HEAD FROM THE TOP BOARS AND SOWS
..... OF THE PAWNEE HERD**

Six choice boars and 8 fall sows, 2 aged sows and 10 gilts by Buddy K. IV., First and Champion boar 1905 Illinois State Fair. Others by Proud Advance, Gold Cloud, Golden Echo, Red Express, Mayor Jr., Kruger Again, Double Track, Dumont and others. Red Carnation, the top sow of the Deal sale, will be sold with litter of pigs by Buddy K. IV., choice ones. Catalogs ready. They tell the rest. Buddy K. IV., First and Champion boar Illinois State Fair 1905, second prize aged boar Illinois State Fair 1906.

OCTOBER 31ST

**Fagan, Browning,
Hess & McCabe**

HERSMAN, ILL.

::::: Great Sale of Herd Headers :::::

Ten good boars by Tip Top Notcher, Grand Champion World's Fair, St. Louis; others by Proud Advance, Keep On, A Top Notcher, Red Express. The blood of Kan't Be Beat, Ohio Chief, Oom Paul, Nash's Model, Mayor Jr., Gold Cloud, Buddy K. IV., Hanley and others. We aim to sell good ones and have selected forty tops of the herd. Six boars in the sale by Tip Top Notcher and out of Helen Blazes, dam of \$1910 litter. They are extra nice. Write for catalog.

NOVEMBER 2D

Fred. Kraschel & Sons

MACON, ILL.

.... 45 HEAD, 25 BOARS AND 20 SOWS

Four choice boars by Gold Cloud, First and Champion Illinois State Fair, 1904; pigs by Tip Top Notcher, Top Notcher Chief, Golden Echo, Mayor, Jr., First in class, Illinois State Fair, 1905. Gold Standard, Buddy T's Best, Double Track. Three out of Helen Blazes 4th. A choice collection of good ones. Two good pigs out of dam of the second prize boar 1905 at the Illinois State Fair. We have the blood of the prize-winners.

...Cols. F. F. Luther, Fred Reppert, Judd McGowan and C. C. Keil, Auctioneers...

SEND BIDS TO D. M. PIERCE, REPRESENTING THE HOMESTEAD.

MENTION THIS PAPER WHEN WRITING.

THE Grand Champion Sale Circuit

OCT.
22nd
to
27th,
1906.

OF DUROC JERSEYS

Oct.
22nd
to
27th,
1906.

The Tops of the Six Leading Herds of Illinois.

More High-class Hogs, More Real Show Hogs, More Prize Winners and Champions Than Was Ever Offered For Sale, Either Public or Private.

Monday, Oct. 22

**M. W.
GREER &
SON**

of Rushville, Ill.

At Bushnell, Ill.

45 HEAD

Will make the opening offering in this great circuit. Forty-five head, consisting of 25 fall sows, 10 fall boars and 10 or 12 head of March pigs. The crowning effort of years of careful breeding and mating the blood of Tip Top Notcher, Oom Paul, S. A. Douglas, Gold Dust, Kruger II., Toklo Paul Kruger Again and Buddy K. IV. See the "Invincible Eight," the fall litter by Tip Top Notcher out of the Improver sow. This great sensational litter goes in the sale. Send to Rushville for catalog. Sale will be held at Bushnell.

Thurs., Oct. 25

**Thomas &
Hoggsett**

SALE OF

**45 Head of
Tops.**

Golden, Illinois.

45 HEAD

Fifteen spring boars by Tip Top Notcher, Big I Am, Buddy K. IV., Ambition and other noted sires. One herd boar Red Jacket, he by Tip Top Notcher and out of a Perfection Wonder sow. The yearling gilts by Big I Am, Oom Paul, Jr., and some of our best brood sows. Fourteen spring gilts, the same breeding as the spring boars. The best on the farms go into this sale. Send for catalogs.

Tuesday, Oct. 23

**T. E.
LAURIE**

SALE OF

40 Head.

Jacksonville, Ill.

**10 fall yearling boars,
10 yearling sows and
10 spring gilts.**

Sired by He's Our Pride 29031, grandson of Top Notcher and Kant be Beat; Buddy K. 2085; Mayor Junior 29315, winner of first at Illinois last year; one gilt and one boar by Gold Cloud 26131, first and sweepstakes Illinois 1904.

A growthy lot of pigs. A good bunch all the way through. Send for catalog. Special train immediately after my sale for Mt. Sterling.

Friday, Oct. 26

**H. B.
Griffitt's**

SALE OF

40 HEAD

Bowen, Illinois.

**2 yearlings, 10 fall yearlings,
8 spring boars, 5 sows, 5
fall gilts and 10 spring gilts.**

The breeding cannot be excelled. The blood of Hanley, Tip Top Notcher, Big I Am, Ambition and other noted boars. Top Notcher Chief and Fancy Orion Chief at head of herd. Send for catalog.

Wed., Oct. 24

Seckman's

Closing Out
Sale of

200 Head

Ripley, Illinois.

100 HEAD

Sired by the great Tip Top Notcher, crowned king of the breed. Twenty head of fancy show boars, the best ever sired by this great boar. 15 head of the choice sows in the herd, queens of the breed, bred for fall litters to Tip Top Notcher, Ohio Chief II. and Silkworm, 20 fall yearlings and every one a show sow. All the Gold Dust families. Gold Dust herd made the sensational show record at St. Louis World's Fair, winning 12 prizes on eight head, champion and grand champion boar and champion herd of Illinois and is still able to maintain its high record. Send for catalog. It tells the whole story of this sensational offering.

Saturday, Oct. 27

**Cutler, Reil
& Cooper**

WILL ON THAT DAY
SELL

40 Head

At Ferris, Illinois

**20 Males and 20 Females.
Tops from
250 Head.**

The offering will include both spring and fall pigs, of royal blood. The sires of some are Top Notcher King, Pilot Bop, Illinois Chief, Hanley, Double Track, Roosevelt G., Red Gold and Chief C. Free accommodation and a good time guaranteed with a lot of herd headers at your own price. Write for catalog and come to the sale.

Send Bids to Mr. D. M. PIERCE, Representing This Paper.

... L. C. REESE'S PUBLIC SALE ...

OF

SCOTCH ^AND SCOTCH TOPPED

Short-horn Cattle

AT PLAINVIEW FARM 4 AND ONE-HALF MILES SOUTHEAST OF
..... PRESCOTT, IOWA, AND 7 MILES NORTH OF LENOX, IOWA

MONDAY, OCTOBER 22, 1906

16 COWS AND HEIFERS AND 7 YOUNG BULLS

Including the yearling Scotch bull MY CHOICE, sired by Vermouth and out of Imp. Carnation. About half of the offering are sired by Vermouth, and the cows and heifers are bred to SARCASM'S COUNT, one of the most richly-bred Cruickshank bulls in southern Iowa.

CHESTER WHITE HOGS

EVERY ANIMAL THAT GOES INTO THIS SALE WILL
..... be a Prize Winner or sired by a Prize Winner

35 Head of my best Boars and Sows

For the past fourteen years I have been a leading winner in all the leading western show rings, and I am now offering the best I have in this sale. All my tops have been reserved for this sale. The sale of hogs begins at 10 a. m.

SHROPSHIRE SHEEP

I am closing out my sheep and will sell fifteen head of Shropshires. These are all sired by an imported ram and there is an imported ewe in the bunch. Write for catalog and be sure to come to the sale. Address,

Train No. 3 from west stops at Prescott, Sunday evening, Oct. 21.

L. C. REESE, PRESCOTT, IA.

Cols. Geo. P. Bellows and J. West Jones, Auctioneers.

THE TYPE THAT PLEASURES ALL
POLANDS THAT ARE ALL HOG

TRIGGS GETS THEM GOOD FOR HIS SALE.

AT

DAWSON, NEB., OCT. 25, 1906.

50
HEAD

BOARS

Bone, Feet, Growth,
Vitality and Quality.

GILTS

50
HEAD

The kind that make 700 to 900-pound hogs. Offering mostly sired by MAJOR M. by BLAIN'S TECUMSEH. He will weigh close to 1,000 pounds. Sows represent blood of KING DODO, PROUD PERFECTION, CURTIS CHIEF, ROYAL BLUE 2d, FIRST QUALITY, TECUMSEH SUNSHINE and JOE GIBBS.

My offering is the same type as the Blain hogs. I am selling a class of Polandts that you will appreciate. Several choice boars that should be taken by breeders. Choice sow prospects. G. W. Segrist will attend sale.

JNO. TRIGGS, Prop. DAWSON, NEBRASKA.

Cols. L. W. Leonard, C. H. Marion, M. W. Harding, Aucts.

HORSES.

PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



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NOTICE ... Shire, Percheron, Belgian and Hackney ... STALLIONS

GOOD AMERICAN BRED STALLIONS, \$800 TO \$1,000. FIRST CLASS IMPORTED
.....STALLIONS, \$1,200 TO \$1,600. CHOICEST STALLIONS, A LITTLE HIGHER.....

HAVING concluded to make a change in placing stallions before the public, on account of the unsatisfactory business methods and transactions done in the stallion trade to the buyers as well as to the sellers by the stallion salesmen, we have concluded to sell our stallions from the Harms. Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper assisting in placing the stallion, who usually is one of your own neighbors, (the most influential man of the neighborhood), and the great expense of placing the stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the stallion to the buyers or the companies from two thousand five hundred to four thousand dollars. The quality of our stallions, and the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know that we can save you at least 50%. If it is necessary to organize a company in your neighborhood in order to have a stallion, form your own company and come to the barn and be convinced that you can save from \$1,000 to \$1,500. We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from. Shire, Percheron, Belgian and Hackney Stallions. Come to the barn and deal with Bob Burgess, who has been in the business over thirty-two years, longer than any one man in the stallion trade. Get your guarantees and insurance direct from headquarters. We guarantee to make every deal satisfactory to you. Visit our barns, see our exhibits at the different State fairs and see the class of horses we are selling for the money. The reason that we ask the above of you is that we are the oldest importers, the largest importers and we have the quality of stock that will suit the people; are perfectly good for our guarantees and will sell you more good horse quality for less money than any one. Come to the barn and get the most reasonable terms that can be offered.

ROBERT BURGESS & SON,
WENONA, ILLINOIS. WICHITA, KANSAS.



CHARLES R. KIRK,

PERCHERON IMPORTING
COMPANY, CHARITON, IOWA.

YOU want an imported stallion of pure breeding. With a short back, upheaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse we sell. We give you a square deal at a low price. OUIS ARE THE BEST NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

CHARITON, IOWA.



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IMPORTERS AND DEALERS IN
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH
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WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No old, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write

LAND
FOR STALLIONS.

320 ACRES of nice, smooth, black, productive land, 100 miles southwest of Kansas City; fair improvements; close to town; will raise corn, wheat or alfalfa. Price, \$35 an acre, clear. Will trade part or all for sound, young stallions.

BOX A, EUREKA, KANSAS.

LAKEWOOD FARM THE GREAT
BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

FOR sale, 26 draft stallions, recorded Black Percherons and Shires. Best you ever saw; must be sold soon. Address, Bilbo & Van Patten, Creston, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls named on the herd are Wood Lawn Blackbird Lad, Homedale Black Jim and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THIS HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 1906, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

THE SEELEY DODDIES

WILL be included in the Big Opening Aberdeen Angus Sale at Mt. Pleasant, Oct. 24th, with 4 Blackbirds, 3 Baroness, 3 Prides, 3 Queen Mothers, 2 Ericas and 5 sired by Blackbird Ito, one of the greatest show and breeding bulls living today. Black Jam Dale 71778, one of the most intensely bred Blackbird bulls of the breed, is included. Remember the date. We want to make Oct. 24th a black and all black day at Mt. Pleasant.

W. B. Seeley, Mt. Pleasant, Iowa.

10 Aberdeen Angus Bulls For Sale 10

12 to 14 months old.
WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,
JOHN E. GRIFFITH, WASHINGTON, IA.
(Mention Homestead.)

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number of growthy, thick bulls at very reasonable prices. Herd now headed by Blackene and Kellor Victor 3d.
Rosenfeld & Siverly, Kelley, Story Co., Iowa.

AUCTION
SALE

Send for catalog describing my herd of
70 Registered Aberdeen Angus 70
to be sold at the sale pavilion

Waterloo, Ia., Tuesday, Oct. 23d

These cattle are extra well bred and are
in fine condition. Remember the date.

H. J. Starkey, Prop., Waterloo, Ia.

Col. Wm. Holland, Auctioneer.

WANTED: Registered cattle, stallions and jacks in exchange
for Illinois, Iowa, Missouri, Kansas, Nebraska, Minne-
sota or Wisconsin farm. Box 151, Independence, Iowa.

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HIGH CLASS ANGUS

BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30700, IMP. ABELOUR 41201, BELLA'S COLLIER 3d 57454, QUOQUE 46102 and LION ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.
Address all communications to
O. D. WRAY, Bloomfield, Iowa

THE WHEATLEY & WARD

..HERD..

OF Aberdeen Angus, 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Roseguy 52637. Females represent Queen Mothers, Prides, Heather Bellas, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

ABERDEEN ANGUS & POLANDS

FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King 110, by Prince 110. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

Plentiful Hill Herd of Aberdeen Angus. STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275. J. Nissen, Meservey, Cerro Gordo County, Iowa

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For full information inquire of

J. W. TURTLE, G. P. A.,
313 W. Fifth St.,
DES MOINES, IOWA.

MARTS' DUROC JERSEY SALE

Friday, Oct. 26, 1906, at Polk City, Ia.

My offering will consist of twenty boars and twelve gilts sired by Keep On 2d, Proud Advance, Golden Rule, Col. Perfection, Model Jim, Joe Patton and Park Lad. Catalogs now ready. Address,

Prop. Union View Herd
Duroc Jersey Swine

B. C. MARTS,

Route 1
Polk City, Iowa.

JERSEY CATTLE.

JERSEY

CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

CHESTER WHITE HOGS.



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13391, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.

JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Model Herd

Chester Whites

W. F.'s MODEL 12101, A WINNER. He won second place in class at Iowa State Fair, 1906, and is proving himself a great breeder of size and quality. For Sale, 30 strictly choice boars, March, April and May farrow, sired by W. F.'s Model 12101, Seducer 12387. All tight 11789 and others. Guaranteed as represented. Am booking orders to be shipped when wanted. W. F. Hemmerling, Dike, Iowa.

PIONEER HERD OF CHESTER WHITES.

100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. 1 ship on approval. Farm adjoining town.

A. A. HUMMER,

KESWICK, IOWA.

Bluff Road Herd Chester Whites

I HAVE an extra good lot of strong, vigorous fall boars which I am pricing reasonably for next 30 days. 200 spring pigs from prize winning ancestry now ready to ship. Write for prices and descriptions.

D. H. LEWIS,

GENESEO, ILL.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K., a prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Send in your orders at once for extra good stock at reasonable prices. Our ship pairs or trios not akin. ERNEST L. MEAR, R. R. NO. 1, NEPONSET, ILLINOIS.

KERR'S

O. I. C.'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,

O. L. KERR,

INDEPENDENCE, MO.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch, Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,

J. L. BARBER,

R. R. 3,

HARLAN, IOWA.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection. FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

BONE'S CHESTER WHITES

The oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, P. O. Box 85. Samuel Bone, Montezuma, Ia.

SOME CHESTER WHITE BARGAINS.

WE have a few Chester White April males that are good ones, and 32 spring gilts that can't be beat that we will sell open or bred. People looking for this kind had better write us. Have 35 of Sept. 1906, farrow that we will sell and ship as soon as weaned. R. L. NAGLE & SON, Deep River, Iowa.

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free. B. M. BOYER, Farmington, Van Buren Co., Iowa

200 LARGE O. I. C. Pigs.

Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4935, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hinkins, Sciota, Illinois.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers write for descriptions and prices. N. A. RANCK, NIOTA, ILLINOIS

GROWTHY Chester White pigs, by Long John (14151). Heavy bone, with smoothness. Up on their toes. Write me. E. W. Richardson, Ogden, Ia

OHIO Improved Chester Whites. October, January and March boars and gilts. Sows bred. Stock mated. Farmers' prices. F. Ruebush, Good Hope, Ill

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy. V. A. LATHROP, MARION, IOWA.

EVERGREEN CHESTER WHITES. Bred right and fed right. Prices will surprise you. Try me. E. J. Trumbauer, Patterson, Ia.

KING B. HERD CHESTER WHITES. 70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

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CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,

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A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address,

W. M. MERCER, AURORA, ILL.

30 CHESTER WHITE BOARS 30

A extra choice lot of young boars, including more than 1000 of the best blood. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa. A. A. ROGERS, Owner.

SHADY LAWN HERD

OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEEFEBURE, FAIRFAX, IA.

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BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars, namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. SCARFF, Salem, Iowa.

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"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,

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F. P. WHITE,

Nashua, Iowa.

New Hampton, Iowa.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices. JNO. CRAMER, BEATRICE, NEB.

CHOICE Chester White Boars, sired by Hobson 11969, and King Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. Jas. C. Webber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabeler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Onk Lodge, Minnetonka 8th 1855 and O. L. Fustler 6443, two imported boars and Hanover Superior 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1906. Address, Thomas H. Canfield, Lake Park, Minn.

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Stock Hogs For Sale.

ALSO Registered Lincoln Sheep. 100 hogs, 20 ewes and 10 lambs. Address B. F. CLARK, ALBIA, IOWA.

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School of AUCTIONEERING

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Six Weeks instruction in all branches of Auctioneering. Graduates now selling in 13 states and Canada. Write for catalog. Currey M. Jones, Pres.

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Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



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LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

WELL READ Auctioneer, I will sell all breeds of cattle or hogs. I have been breeding pure bred hogs for years and am well posted on pedigrees. My knowledge of the pure bred business enables me to give able assistance. My former work representing live stock journal has given me inside on good offerings. Prices reasonable. Col. R. Page, Friend, Neb.

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FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

Col. Judd McGowan

CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A LIFETIME IN THE CATTLE BUSINESS.

A GRADUATE of Iowa Agricultural College, Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. HATCHER, Live Stock Auctioneer, MASON CITY, IOWA.

O. L. MOSSMAN,

POLK CITY, IOWA.

"THE auctioneer that makes good." Sales held anywhere. Write for dates; am booking them every day. Terms right. Phone 4L15.

CAREY M. JONES,

Live Stock Auctioneer

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A. V. LOCK, REMINGTON, INDIANA, Live Stock Airtel. Work satisfactory. Prices reasonable.

When writing please mention this paper.

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.
OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl D. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.
P. G. HENDERSON & SONS, Owners, Central City, Lincoln county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schroterberger.
Red Polled Cattle
FITTER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schroterberger, New Lenox, Ill., or Gurdner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. L. & P. Ry.

HEREFORD CATTLE.

Hereford Bulls

I HAVE a choice lot of Hereford bulls for sale, sired by a grandson of Java. Will also sell a few good cows and choice heifers. Write me or come and see my herd. Address,

W. L. Dodge, Hubbard, Neb.

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale, by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

BULLS FOR SALE! BULLS REGISTERED HEREFORDS!
B. F. CLARK, ALBIA, IOWA.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me,
H. C. CUNNINGHAM, WESTON, MO.

TABLE BACKED HEREFORDS.
In order to make room, I offer for sale 100 females and 50 bulls, all recorded; 25 yearling heifers, 50 2-year old heifers and 25 cows, from 3 to 7 years old, heavy with calf, and 10 cows with calves at foot, 50 bulls from 6 to 36 months old; also Mastodon Poland China hogs for sale. W. W. Wheeler, Box H, Harlan, Ia.

FOR SALE CHEAP
My four-year-old Imp. Hereford bull, Royal Lad No. 145068. Cannot use him longer. Large, gentle, sure. Also young recorded bulls and Poland China male pigs. Write or call. Box 27, Route 1.
A. M. STINE, ADEL, IOWA

POLLED DURHAM CATTLE.

DOUBLE STANDARD Polled Durham Short-Horns

HELD headed by Secret Knight, he by the \$1,000 Little Knight, 21474-189582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAWER & DEUKER,
Kalona and Wellman, Iowa.

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BREEDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for Sale.

GALLOWAY CATTLE.

Pure Bred Galloway Cattle.
FOR SALE, 8 Bulls, 60 Cows and Heifers, at prices that will make them move. Write to
S. D. Miller, Wellman, Ia.

HAMPSHIRE HOGS.

HAMPSHIRE HOGS

30 SPRING BOARS by Stone's Duke. 1st prize boar Illinois State Fair 1906. I am breeding for early maturity, prolific families, quiet dispositions, purity of color and muscular action. 30 bred gilts ready Dec. 1st. Write for prices and descriptions.
Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

SALE OF IMMUNIZED

....POLAND CHINAS....

AT MY FARM NEAR FAIRFIELD, NEBRASKA, OCTOBER 26, 1906.

50 HEAD OF CHOLERA PROOF HOGS 50

Hogs with quality and size combined. The breeding that has made good the world over. Some choice yearlings: *Big Kodak, Jim Crow, Chieftain*. Very promising fall yearling sired by *McK's Choice Tec. 3d*. Several strong spring pigs of both sexes.

My list of sale stuff is par excellence. I am safe in saying that the stock will be far the best offering ever made by me. My hogs have had the run of alfalfa pastures and treated for futureproofness. Large, roomy sows with the best of breeding. Look up field note elsewhere. G. W. Segrist, will attend sale. Catalog now ready. S. & O. McKelvie sell October 25th, at Fairfield, Neb.

H. L. McKELVIE, PROP., - FAIRFIELD, NEB.

COL. T. C. CALLAHAN, AUCTIONEER.

....STANLEY'S ANNUAL SALE OF POLAND CHINAS....

AT FARM NEAR SHERIDAN, MO., MONDAY, OCTOBER 22, 1906.

20 BOARS OF FALL AND SPRING FARROW. SOME HERD HEADERS HERE.

25 SOWS. SIX TRIED BROOD SOWS. OTHERS ARE OF FALL AND SPRING FARROW.

JOE Profit a sow of Joe C. an Ohio prize winner and Giant Perfection out of Ferd Rood's great sow *Giantess* are the principal sires. Joe Profit goes in the sale. Others by *Wray's Front Rank*, *Vanguard*, *Shawrock* and other great sires. All are the large heavy boned kind and I know they will please you. Write for catalog which gives full particulars.

A. O. STANLEY, - SHERIDAN, MISSOURI.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an *Avalanche*. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE THE STANDARD."

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndale head Short-horn herd. Females are *Victorias*, *Secrets*, *Butterflys*, *Lavenders*, also a few Young *Marys* and *Rose of Sharon*. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

A. F. GRAVES, - KING CITY, MO.

BERKSHIRE HOGS.

Heavy Weight

Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.
W. D. McTAVISH, COGCON, IOWA.

25 or 30

BERKSHIRE BOARS

Sired by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

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WRITE for catalog of fall and spring boars and choice gilts and yearlings before buying. Gilts either open or bred to order. All from top prize-winning stock, and priced reasonably for quality.

Ardmore Stock Co., Holstein, Ia

Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growthy with plenty of quality and finish, of April and May farrow.

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BERKSHIRE HOGS.

I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you.

JOHN C. MILLER, - Harlan, Iowa

BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address
C. T. AYRES, Osceola, Clark Co., Iowa.

SHORT-HORN CATTLE.

BARON FOXGLOVE

FOR SALE.

I WILL sell at a bargain the superb 2 year-old Scotch herd bull *Baron Foxglove*, sired by *Imp. Fancy's Pride*, dam *Cherry Foxglove*. He is very smooth and in thin breeding form weighs 1,600 lbs. He is of the Cruickshank Brawith Bud family.

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BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as *Imp. Royal Archer 144755* and *Sentinel 127262*. Cattle are right; prices are right. Address as above mentioning The Homestead.

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A FINE BRAWITH BUD BULL FOR SALE. A and several farmers' bulls, at low prices. The Bluffview herd is now headed by *Secret Viscount 212705*, one of the best bred Cruickshank bulls living. Address,

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ALL REDS AND DEHORNED

SCOTCH AND **SCOTCH-TOPPED**. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

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WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported *Princess Royal* bull, *Prince Odeic 136398*. Also a few choice Scotch heifers. Address,

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SHORT-HORNS, Shropshires, Durocs, bulls, boars and bucks for sale. Good ones and priced right.
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JONES CO. HERD OF (Sitton Sort 173649) **SHORT-HORN CATTLE** (Wamp of Way-side 243046) Bulls
We have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by *Imp. Fashion Favorite 149580* and out of *Imp. Augusta Bruce*, a grand good bull, a herd header. Write me quick.
J. D. McDERMOTT, - ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull *Archer 200427* by *Imp. Golden Archer*, dam *Imp. May Blossom* by *Prince of Archers*. Also some young stock.
C. F. Robe, Jessup, Iowa.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.
John Lefebure, - Fairfax, Ia.

FOR SALE *Conqueror Best 182910*. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam *Imp. Zoe 5th* (a Cruickshank Clipper cow) sire *Imp. Conqueror*, a Marr Missle with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. **Marston Bros., Mason City, Ia.**

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SHORT-HORN CATTLE AND **DUROC JERSEY HOGS**. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231482, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1895, heads herd. Herd boar, *Per. Prince 93075* by *Chief Per. 214253*. Sister brother to *Per. E. H. 95201*, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

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I WILL sell my herd bull, *Nonpareil Courtier Jr.*, two years old May 13th, sire *Nonpareil Courtier 2d*; dam, *Beatty 48th* of Maine Valley. Also one red yearling bull sired by *Scottish Baron*. Address,
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Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, *Nonpareil King*. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,
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SCOTCH BULLS

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Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

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FOR SALE, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

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I HAVE a choice lot of young bulls for sale of the *Duchess of Gloster*, *Secret*, *Victoria* and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

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4 Good Young Short-horn Bulls For Sale.

Sired by *Victor Maple 203379* he by *Grand S Victor*, and out of cows that have four and five Scotch-tops. Will price them right. Address,

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SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. *Jordon & Dunn*, Central City, Ia. *Maine Valley Stock Farm*.

SHORT-HORN CATTLE.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd head-bred bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawley Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruick-shank families.

GEO. BONEWELL,

GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD
REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov. at Champion (157817), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

Scotch Bulls

Got by Imp. Mutineer 172547

A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawley Bud, Duchess of Gloster, Lancaster and Imp. Laura, tribes. Imp. Mutineer was got by Bapton Chief and out of Missie 167th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

A. C. BERRY, UNIONVILLE, MO.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

POLAND CHINA HOGS.

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by On Exhibition a grand son of G. A. Perfection and Terrell's Wilkes 2d and out of matured sows. These pigs have good heavy bone, good length and are very growthy fellows with lots of quality and will be priced worth the money. Write at once. Address

C. W. PHILLIPS, NEW SHARON, IA.
Hired Sow Sale, Feb. 20th.

LONG, heavy-boned fall boars by Tec. Keep On O by Big Tec. by Blinn's Tec. and Indiana King. They weigh from 230 to 330 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dor's Tec. and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. Henry Dorr, Remsen, Plymouth county, Iowa.

CORRECT I KNOW JR. 111629. FALL males of Tec. and Perf. breeding; weight 300 to 450 lbs. Spring boars by Hustle On 10337, he by On and On. Serviceable S.H. bulls, S.L. Wyandotte and R. C.B.L. Leghorn cks. Inter-State Phone. F. Ebendorf, Strawberry Point, Ia.

POLAND CHINAS FOR SALE.

THE great show and breeding boar, Onward 102447. Also a few extra good, large boars of fall and spring farrow. They will be priced right. Call on or write

OSBORNE BROS., OSBORNE, IOWA.

ESCHER'S BIG POLAND CHINAS.

I AM now ready to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.

E. F. Escher, Manning, Iowa.

Sandquist Bros.,

OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

PAPILLION HERD POLAND CHINAS. WE offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 28439. Write for price and catalog. Wm. Uhe & Sons, R. 1, South Omaha, Neb.

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POLAND CHINA HOGS.

30 FALL BOARS 40 SPRING BOARS.

Sired by Matchless Perfection and Matchless Perfection Jr., sweepstakes boar Interstate fair '05-'06. He also won 1st at the Minnesota state fair. We won eight 1st prizes, two 2ds and sweepstakes on Matchless Jr. and his get this year. Write us at once for prices on boars and sows. Address,

HENRY BROS., - LE MARS, IOWA.



15 Poland China SPRING BOARS. 15

The Pick of This Year's Raising.

AND one splendid fall boar, sired by Empire Chief 2d 90645, Empire Thickset 102647, and Acrobat 71003. No culls shipped and pigs as represented. Prices reasonable. Address,

ROY ROCKWELL, - PAULLINA, IOWA.

WELLMAN HERD OF RECORDED POLAND CHINA
SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G. A. Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch add Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170782. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE IOWA.

Poland Chinas, "The Big Kind."

20 FALL boars of the big boned, long bodied, broad back kind. Also 20 choice spring boars, all sired by my big herd boar Monarch Jr. 37630. Satisfaction guaranteed. Call or write.

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DAWSON'S BIG OF THE BIG POLANDS.

OUR hogs won most of the ribbons at Hutchinson, Kan., St. Joe, Mo., and their share at Nebraska. The Poland with size and quality combined. We have sons of the great Expansion. His get have won or sired us many winners as any hog living today. We also own the champion yearling, sired by King Look. If you want good hogs, address us, and mention The Homestead.

H. C. DAWSON & SONS, ENDICOTT, NEBRASKA

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unrelated. Write for breeding, description and prices.

BRIDGFORD & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.

POLAND CHINA BOARS

AT Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. Davenport, - Belmond, Iowa

L'S SUNSHINE AND ONWARD.

A FEW choice Poland China gilts for sale, sired by the great boars of the Northwest and out of dams that are as good as grow. Write describing what you want to A. C. Latham, Battle Creek, Iowa.

J. C. Hoag, - Manson Ia.

WALNUT GROVE HERD POLANDS. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H.S. Chapman, Pawnee City, Nebraska.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are A1 boars.

J. C. Hoag, - Manson Ia.

HAMAKER'S large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs not akin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

POLAND CHINA BOARS (BLACK). 8 FALL boars, 2 yearling boars, 60 spring boars, sired by Klever's Gay Lad.

J. W. Knowles & Son, - Craig, Neb.

POLAND Chinas—Male and female—spring farrow—herd boars—All Dude 2315—Wonder Chief 103475—No better pigs in country—Write for prices and information. S. P. Hartman, Ottumwa, Iowa.

POLAND China Boar Pigs, March and April farrow, sired by Black Perfection, dams by Salter Sunshine. Heavy boned growthy fellows. Price \$15 to \$20. Write your wants. Henry Schlatter & Sons, Lawler, Iowa.

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HERD HEADED BY THREE GREAT
POLAND CHINA
HERD BOARS.

L's Chief 34055, won first in aged class at Iowa State Fair in 1896, and grand sweepstakes over all breeds and classes by a unanimous vote of all exhibitors. He weighed 900 lbs. at two years old and 1,000 lbs. at three years. He is the greatest hog living today. L's Tecumseh Acala 51211, the largest boned and the best all around son of the World's Fair hero, L's Tecumseh 20499. J. H. Sanders' Best 43981, the first choice get of the great show hog, J. H. Sanders, that won four first premiums, including sweepstakes, awarded at the Chicago World's Fair in 1893. 100 Top Spring Pigs for sale at \$12 each, sired by the above herd boars. Catalog free—Montezuma Savings Bank.

REUBEN E. SANDERS,
Proprietor Full Moon Herd Poland Chinas,
R. F. D. 1, MONTEZUMA, IOWA.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE,
IOWA STATE COLLEGE, AMES, IOWA

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by R's Keep On 92219, half brother to Prince Alert and Impudence, sweepstakes boar Iowa State Fair '04 and '05, and Iowa Chief by Jd Klever's Thickset. The best Thickset boar in the west. These pigs are from mature dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn Bulls, 12 to 14 months old, cheap. Bred Sow Sale, Feb. 12, '07.

RUEBEL BROS., ROCKWELL CITY, IA.

CHOICE

POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

Pioneer Herd Poland
China Swine.

W. Z. Swallow, Booneville, Ia., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

LARGE Growthy Polands. I have the hog that is a hog. If you want sized bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

CLOVER LAWN POLANDS.

If you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.

JOHN R. TRIGGS, DAWSON, NEB.

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low.

E. O. WOLCOTT, GILMORE CITY, IA.

Males and Gilts for Sale.

FALL males weigh 250 to 300, early spring pigs weigh 130 to 150, they are in good breeding condition and healthy. They are bred right and priced right. Farm sold. Write us. Will please our trade.

C. C. Drake & Son, Terra Haute, Ill.

100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Wisner S Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. PRITCHARD, - WISNER, NEB.

DUROC JERSEY HOGS.

Walker's Durocs.

12 HEAD of March Boars. Now ready for sale. 12 Tops of 78 spring boar pigs. They are sired by our Chief by Ohio Chief; Highland Chief by High Chief by Ohio Chief; Pilot Wonder 42707, a grand son of Pilot Wonder 9017; Illinois Chief by Sensation Chief by Sensation. No better blood lines in any herd. Pigs equally as good as breeding. Write for prices.

O. WALKER & SON, PALESTINE, ILL.

A Few Choice Duroc Males For Sale. ALL gilts are reserved for my February sale, but I have a few choice males that I will price reasonable. One by Keep On 2d; another by Manly Orion. Also one extra good fall yearling boar. Every hog guaranteed to be as represented.

W. J. HARTUNG, MAXWELL, IOWA.

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

CLOSING out foundation stock, Duroc brood sows, culls, and herd boars. Low prices. Need room for cattle. Hillcrest Farm, Greenwood, Mo.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

When writing please mention this paper.

DUROC JERSEY HOGS.

Russell's Durocs.

NOTHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles II., also one good yearling and one good fall boar. These are bargainable if taken soon. Address, Norrish & Livingston, Kingsley, Ia.

NOTHING FOR SALE UNTIL OCT. 26,

WHEN I will sell 40 head sired by Tip Top Notcher, Top Notcher Chief, Amblition, Hanley, Big I Am and other noted sires. Send for catalog.

H. B. GRIFFITHS, BOWEN, ILLINOIS.

Prize Herd of Duroc Jerseys. SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell you bred sows for one-half what they cost at public sales last winter. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

State Road Herd Duroc Jerseys

FEW choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, Duke of Ohio 29529, George Hur 40851 and Alto 30349. Write for prices. Address, M. M. ELMENDORF, LACONA, IOWA.

SAY BOYS If you are going to have a brood sow sale send for J. A. Russell's October 27 sale catalog, sixty-eight head. He sells 10 Proud Advance gilts at Corning, Iowa, October 27, 1906.

J. A. Russell, Corning, Ia.

ALFAFA MEADOW HERD OF DUROCS.

I HAVE some nice fall gilts by Van's Perfection, 19371; some tried sows bred to Royal Prince 41911; that raised good litters last spring, and a few fall boars by Van's Perfection and Jumbo Chief 19899, for sale.

F. ALDRITT, FRIEND, NEBRASKA.

Two Young Boars

For Sale, sired by Orion. Will be priced right. Address,

A. H. Easter & Sons, Fremont, Neb.

40 Duroc Jersey Boars 40

SIRE by J. A. Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.

Edmunds, Shade & Co., Kingsley, Ia.

E. E. ETTER, UTICA, NEBRASKA.

REDUCED of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver 11, etc. Have a few fall pigs that I will price right. Write me.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, H. Van Patten, Sutton, Nebraska.

80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA

THE farmers' kind. The best lunch we have ever raised. Boars and sows, Farmers' Prices.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teule, R. 4, Lamoni, Iowa.

GRAND VIEW DUROC JERSEYS.

BOARS by Crimmon Wonder Jr. 41103 and Chief I Am 39355 are offered. Good blood as there is in Iowa, as in the above sires; also Iowa King M, Iowa Model and Perfection Chief strains.

F. M. HUFF, R. 2, AFTON, IOWA.

35 DUROC JERSEY BOARS, sired by Bar None

30241, Bar None 2d, Grunt Hero, and Critic's Echo, out of Gold Dust Jim, Surprise and Glendale Chief sows. Only ship the best. Carl Hansen, Herman, Neb.

WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

Boars! Boars! Boars!

Duroc Jerseys, \$25. Address, Roycroft Stock Farms, Des Moines, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sows Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

GREENDELL herd Durocs, of the most fashionable blood lines, and of superior individuality.

F. H. HEITRING, R. F. D. 7, Iowa City, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeston, Iowa.

SETTING SUN herd of Duroc Jerseys, 20 head of

Feb. and March boars at prices that will sell them. Address, I. C. Welch, Bedford, Iowa.

CHOICE Duroc Jersey pigs on approval at \$12.50

and \$15. Eligible to register. Pairs not akin. Address, J. C. Jay, Mount Pleasant, Iowa.

DUROC JERSEY HOGS.

FORTY SPRING BOARS

sired by ORION CHIEF and KRUGER and out of dams by KAN'T BE BEAT, ORION CHIEF, CHIEF SURPRISE, COL. FINCH and other noted sires.

\$50 Buys boar related to Iowa and Illinois State Fair winner bred as above \$50

If you want an extra good spring boar, write
IRA JACKSON, TIPPECANOE CITY, OHIO.
Mention Homestead when writing.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana State Fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Pleasant 17281, Imp. Wonder 43861, A. L. Advance 43331, Olebolt Chief 33271, a son of Perfection Chief 425 hog, Pleasant 11111 Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tintin No. 17281 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, P. S.—Eight November males of rare quality; three Top Notcher bred.

A. L. MOSSMAN, TELEPHONE 11-3, RADCLIFFE, IA.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads

herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO had 12367a heads herd. An excellent

lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

C. T. ROGERS, PETERSBURG, ILL.

150 SPRING PIGS 150

25 HEAD of fall gilts, either bred or open, sired by Kant-be-beat, recently sold for \$2,500. Top Notcher's last, Golden Rule, Veribest and other noted boars. We breed the winners. Home and birth place of more World's Fair Champions than all combined. Write for prices and descriptions, mentioning The Homestead.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

70 HEAD OF PRIZE WINNING DUROC JERSEYS

(ONE of the best sons of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimmon Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains. Address,

T. A. McMAHON, - CRAIG, NEBRASKA

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good

boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance),

Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description

guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

25 TOPPY DUROC JERSEY BOARS Sired by GLENWOOD CRITIC 38579

(ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief.

Prospective winners here for next year. Write at once.

A. W. LAMB, - MONROE, NEB.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Echo,

Sow sale February 25. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS, - GLIDDEN, IOWA.

WANETA DUROCS.

35 Choice Boars now for sale, both fall yearlings and

spring boars. The "tops" at moderate prices.

B. A. SHAFER, - SANHORN, IOWA.

The Logan Valley Herd of Duroc Jerseys.

DANIELSON 12163 at head of herd. Have about 80

pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains

blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About

70 Duroc pigs sired by Luther H. by Hambleton

(winner at Neb. and St. Louis), Malcolm Model,

Belle Echo, Morrison Bell Top and Won't Be Beat

by the great Kan't Be Beat. Pigs are doing nicely.

Good colors and plenty of size. Inquiries answered

promptly. E. K. Young & Son, Havelock, Neb.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair,

1905, for sale. Fall boars of herd header type, also

a good lot of fall sows and spring pigs at reasonable

prices.

L. H. Bryan, R. R. 1., Neponset, Ill.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great

Winnebuck Chief out of Gold Dust Jim and

Surprise sows. Choice pigs at reasonable

prices.

DELMAR McCANN, - KENNARD, NEB.

EDGEWOOD HERD DUROCS.

FOR sale, 75 good spring pigs, by Arlon, Junior Jim,

Walter G. and others, out of sows by Golden Perfection, All Advance, carrying the blood of Proud

Advance, Ben Hur H. and others. Edgewood Chief, an Orion hog by Arlon, heads herd. What do you want? Write R. C. Poston, Corydon, Iowa.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud

Advance and Orion. I will also sell half interest

in I Am a Wonder, litter brother to the sweep-

stakes boar at Iowa State Fair, and sired by a sweep-

stakes boar.

F. E. Garrett, Lohrville, Iowa.

CHOICE DUROC JERSEY Spring pigs of March

and April farrow,

either sex. Good weight, bone and color.

Frank Warvey, Mt. Pleasant, Iowa.

DUROC JERSEY HOGS.

Reduction Prices
On Best Breeding.

350 Durocs, 150 Shropshires, 100 Short-horns and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind

Pawnee Herd Durocs

I WILL have a number of extra good pigs at the Illinois State Fair next week by Buddy K IV, first and sweepstakes boar Illinois State Fair, 1906. Several of these are cataloged for my October 30th sale. An opportunity to see the kind and breed.

ED A. BAXTER, PAWNEE, ILL.

DEAN HERD

Duroc Jersey & Poland China Swine.

WE are offering spring pigs, both sexes. Also one yearling Poland China boar, one 1 year and one 2-year-old Duroc Jersey boars, two Collie bitches, one stud dog, Light Brahma chickens and Hereford cattle. Write us or come and see us before you buy. Q. and Walsh R. R.

HANSON BROS., DEAN, IOWA.

I. J. LORTON, Union City, Ind., proprietor of the I. Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana State Fair, '06, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am

priding these right, if taken soon. Address

ALBERT HELL, LAKE CITY, IOWA.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm

Lawn Top Notcher and Elm Lawn Orion. The

dams are equally as well bred. If you want good,

useful Durocs write me.

Chas. Sobotka, - Chilesville, Mo.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale,

sired by the great Orion J. 21655, Crimmon Won-

der Jr., Gilbert's King and other good boars. We

also have an extra fine fall yearling by Gilbert's

King. We're offering these pigs at reasonable prices.

M. A. McWilliams, Wull Lake, Iowa.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize win-

ner Illinois State Fair, 1905, and Gold Cloud,

first and sweepstakes boar Illinois State Fair, 1904,

for sale at reasonable prices.

FRED KRASCHEL & SON, - MACON, ILL.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimmon

Wonder), Lotli's Top Notcher, Wendt M. and

Wendt's Choice. A grand lot of boars and sows for

sale. Prices always right.

W. J. WENDT, MARCUS, IOWA.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs

and fall sows. Very strong lot of boars and gilts.

Good color, strong in bone, with neat head and ears.

Pigs sired by Red Benben and others.

CHAS. VAN PATTEN, SUTTON, NEB.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King,

Red Chief I Am, Crimmon Wonder 2d, Waterloo

Prince and other well known boars. I have the pigs

this year; if you want a good one write me. Address,

SMITH BROWN - Waterloo, Neb.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few

boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

35 DUROC JERSEY BOARS

Sired by my \$300 boar (Glendale Jim 33291,

2d prize boar at the Iowa State Fair. Prices

reasonable.

J. S. GOLDER, SCRIBNER, NEB.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you

will find anywhere. Pigs sired by such boars as

Ham's Challenger and Theodore 2d. Stock priced

worth the money.

F. A. HAM, SARONVILLE, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of

these boars are of the herd header sort. The best

blood the breed affords combined with individual

merit make this a desirable lot of boars. Am booking

orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

ASA TURNER'S DUROC JERSEYS.

I AM offering fifteen or twenty extra good young

boars by King Perfection and Advancer 1st. They

are out of some of G. A. Munson's prize-

winning sows. Address,

ASA TURNER, FARRAR, IOWA.

FANCY DUROC JERSEY SWINE OF BOTH SEXES

FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker

and other leading strains.

C. W. WOLF, HAMPTON, IOWA.

DUROC JERSEY HOGS.

ROYAL RUBY
HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy bodied hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.
GUS A. PEDERSON, OCHEYEDAN, IOWA.

MAPLE AND LAWNSDALE
DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

SHELDON BROS.,
A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

GOLDEN
HERD **DUROCS**

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE
HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also Tip Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On Ill 37331, Gem's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 87274, Cock Robin 128454, Choice Goods 22881, J. I. C. 33339, Buddy K. IV 20861, Indiana 20753, Manley Orion 30925, Cantine Boy 18319, The Great Conqueror 32561, Queen's Pride 40793, Suburban Chief 21847, out of The Lad for Me 10733A, Denver 11689, J. B. J. Big I Am 28895. We have some of the choicest females of the breed; also a few choice fall gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.
MCNEIL BROTHERS, BOWEN, ILL.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

2d prize boar in 18 months class Iowa Fair, 1905. 2d Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tlentsen, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

40 HEAD
FALL & SPRING
DUROC JERSEY
BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausau, Neb.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis), Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.
W. J. East & Son, Clay Center, Neb.

Minnesota's Prize Winning Duroc Jerseys
WON eight 1st and eight 2d prizes and all the sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable.
Wm. Malcolm, Bigelow, Minn.

MAY & PORTER,
REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37663 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

PEEK & PUTMAN'S DUROCS,
TECUMSEH, NEBRASKA.

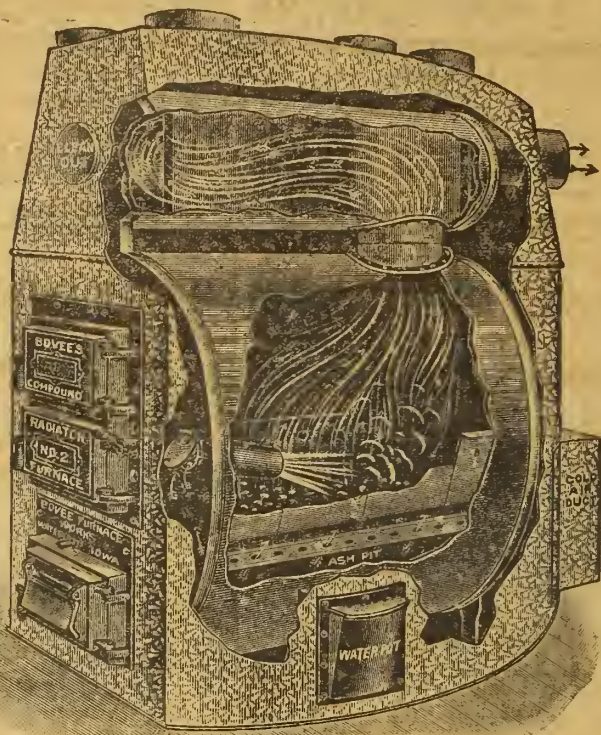
OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Ed's Improver, Glord's Orion, Chicago Kid. Watch this ad. It will keep you posted.

Crimson Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced head leaders. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

CHOICELY-BRED Duroc Jersey pigs, sired by Bill H. 45813. The long, deep-bodied, growthy kind. Write me. E. W. Hichardson, Ogden, Iowa.

Bovee's Hot Blast Ventilating Furnaces

BOTH UPRIGHT AND HORIZONTAL



Cheaper
Than
Stoves.

Saves
40 per
cent of
the Fuel.

Twelve
years
on the
market.

Many
thousands
in use.

When you buy this furnace you are *absolutely sure* of the very best heating plant made. In the last twelve years we have installed thousands of furnaces with perfect success and have the best heating engineers to help you plan your heating plant free of charge.

We can't all go to Florida or California, but every one can have just as good temperature and just as pure air right in their own homes by using the Bovee Ventilating Furnaces and have the very cheapest and most perfect way of heating.

Send rough floor plan of building for full information and free catalog. We now furnish our ventilating system with our Waterloo Furnace, also complete with casing or for brick set for \$43.00.

BOVEE GRINDER & FURNACE WORKS

WATERLOO, IOWA

DUROC JERSEY HOGS.

40 DUROC-JERSEY BOARS 40

SIRED BY
JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair.
LONG ALIX, Litter brother to the great sweepstakes sow Alix 29, that sold for \$740.
GLENDAL CRITIC, 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair.

Pigs by other well-known boars. If you want a herd-leader, write me.

AUSTIN RENSHAW, BLAIR, NEB.

**TWO CHOICE OHIO CHIEF LITTERS FOR SALE.**

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd leader write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY, OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.

SIRE in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King 11 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King 11 is Lou Dillon 109830 by Orion, dam Cherry Blossom 11 50574 by Pandellon 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paullina Queen 11 86492, by Duroc Challenger 11183. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

CLAREMONT.

HOME of S. E.'s Model IX 30996n, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Bred Sow Sale January 22. Correspondence solicited. Inspection cordially invited. Address, **JOHN WEIGHTON, AUDUBON, IOWA.**

Iowa Banner Herd Durocs. Headed by W. L. A's Choice Goods, has for dam the \$1,060 S. E.'s Model 9th; the \$2,000 Ohio Chief for granddam; Bishop's Choice for grand dam and the great Nebraska Belle for great granddam. Write your wants. W. L. Addy & Son, Parnell, Mo.

WON more prizes at Indiana and Ohio state fairs 1906 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

OAK GROVE HERD DUROCS.

M. W. Greer & Son, Props., Rushville, Illinois.
WE have a number of good fall boars by Oom Paul, also five grand sons of Tip Top Notcher of the herd leader type, for sale at reasonable prices, 200 spring pigs by Tip Top Notcher, Oom Paul, Kruger II, Kruger Again, both good sons of Kruger, Tokio Paul, and other boars of note. We will closely ship out nothing but good stock and guarantee descriptions of our pigs. Orders now booked for spring pigs. Inspection invited. **FALL SALE OCTOBER 22, 1906.** Kindly mention Homestead when writing.

Wineland Duroc Jersey Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Can't Be Bent by the great Kan't Be Bent, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG, LINCOLN, NEB.

Thos. Bennett,
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

Fall Sale Oct. 31, 1906. Spring Sale Feb. 6, 1907.

HOME OF

THE Lad for Me 10733A and his daughter, Helen Binzes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot. Fagan, Brownling, Hess & McCabe, Hersman, Ill. Sale Average \$116.43.

HIGHEST DUROC AUCTION AVERAGE.

HOME of Kan't Be Bent, the \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jhu and Crimson Wonder. Fall sale October 16th.

JOHN M. MORRISON & SONS, COLLEGE VIEW, NEBRASKA.

MINNESOTA'S HERD OF DUROCS

FOR SALE—One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars—herd leaders among them. Let me hear from you. **Harmon Gruver, Brewster, Minn.**

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sold at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today **F. A. Kruse, Waco, Neb.**

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. **WM. SUTTER, Liberty, Neb.**

ATHLETED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address,
J. E. WEHR, PORTSMOUTH, IOWA

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, rooney type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. Watch for my fall sale October 20th.
HENRY G. WARREN, INLAND, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 41051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.
JAMES T. DOLLISON, SAC CITY, IOWA.

112 CHOICE DUROC JERSEYS 112.

SIRED by Duroc Challenger's Wonder S 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. **M. S. Moats & Son, Randolph, Neb.**

WELCH'S POPULAR PRICED DUROC JERSEYS
I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address,
S. J. Welch, Cherokee, In.

FAIRVIEW HERDS.
RED Polled cattle, Duroc swine. Will sell my herd Red Bull Expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. **J. B. Davis & Son, Fairview, Kan.**



VOL. LI. NO. 43.

DES MOINES, IOWA, OCTOBER 25, 1906.

WHOLE NO. 2571

FALL PLOWING FOR CORN PAYS.

There is not a man in the corn belt but what realizes that fall plowing of land will increase the yield of corn the following year a very considerable percentage. It is not so in the case of small grain, for the reason that corn-belt soils if plowed in the fall cannot be made sufficiently firm to insure a good crop of grain without making it liable to lodge. A soft seed bed is not a good seed bed for small grain in the corn belt; hence the seemingly somewhat careless practice of disking a corn stubble, sowing the grain and disking it again is after all the ideal plan.

In the case of corn we have a different proposition entirely. It is a heavier feeder; the root system is very different from that of small grain; it grows much later in the season, and therefore gives the soil ample time to settle during the growing period, while it scarcely ever lodges on account of the soil on the surface being too loose.

In this connection it may be said that farmers of the corn belt meet a different situation. How can one, for example, husk out his corn crop and afterwards fall plow his land in preparation for a crop the following year? We have known very few instances where this has been done. One reason for not plowing is that the fodder is of some value for winter pasturage, though we very much doubt if the value of the pasture amounts to more than a small fraction of what would be the increased value of the next crop on fall as compared with spring plowing.

Of course corn stalks are not easily broken in the fall; that is, just after husking time, and no man who has ever had experience with big corn stalks that have been plowed under wants it a second time. We often wonder if a good

sharp stalk cutter would not come very nearly doing the work, so that the stalks could afterwards be raked up and burned. To waste fodder in this way might seem like going to the extreme, but it looks as though the end might justify the means.

If any of our readers have had experience along this line we shall be pleased to hear from them. Of course we realize that it is not good farming to plant corn after corn many years in succession, and yet as a matter of fact many of us are obliged to do it against our own best judgment. We have the land and can get more money out of it by growing corn than in any other way, so we simply grow crop after crop. Until the time comes when rotations are established on every farm in the corn belt, so that corn is never grown more than two years in succession on the same land, the difficulty of getting the land plowed in the fall will be hard to overcome. In the meantime, what are we to do? Must we utilize the value of the fodder, which is about fifty cents per acre, and let plowing wait until spring, or lose the fodder and plan some way to do the plowing in the fall?

EVADING HOG CHOLERA.

The following communication has been received from a subscriber, Mr. C. Notebook, of Sioux county, Iowa:

Having read much in your columns concerning hog cholera, I thought that I would write and tell you how I managed to evade it with my herd of 1,000 head.

The easiest way and probably the only way to evade cholera is to begin six months or a year before you expect the disease. Begin in two ways: First, to clean up the yards and premises; second, to prepare a hog which can stand the disease should he come in contact with it.

If the farm is kept clean, all manure hauled out of the yards once or twice a year at least, and disinfected thoroughly oc-

asionally there is not much show for the disease to originate on the place. Stagnant water is also a bad thing and should never be where hogs can get to it. In spite of all precautions there are places about all farms that cannot ordinarily be reached, but these can nearly always be remedied by a little disinfectant of some kind.

If hogs are kept in good growing condition there is not much danger of their getting the disease in the many ways in which it is said to be carried from farm to farm. It is the overfed, unhealthy, stuffed herds that die like rats. A healthy man will not take a contagious disease nearly as soon as a half-sick one, however well the half-sick one may look. It is the same way with hogs, as well as other animals. Give them a good run, fresh, clean water, good, clean food and the danger is minimized.

I will not say that they will never die, for they may, but I am safe in saying that they will seldom die, and will never die at as great a rate; that is, the disease is much easier checked. Another valuable precaution is in providing a dry, warm bed at all times, especially early in the fall, when they are unused to the cold.

If every man in the corn belt would handle his herd of hogs according to the directions laid down by this subscriber, we venture to say that hog cholera would soon be a thing of the past. In every county of the central West may be found men who have been raising hogs ten, fifteen, twenty, or possibly thirty years without ever having lost a hog with cholera, while hogs on surrounding farms have been swept away more than once during the same time.

We are always afraid of the young pig or hog that isn't growing, one that isn't making gains. If the feed is such that an animal should be increasing in weight, you may depend upon it that there is something wrong inside if a hog doesn't gain. It may be worms or it may be an impaired digestive system. In any case, that is the hog that invariably starts the trouble. It is a good plan, therefore, to keep the small unthrifty ones away from the rest, where

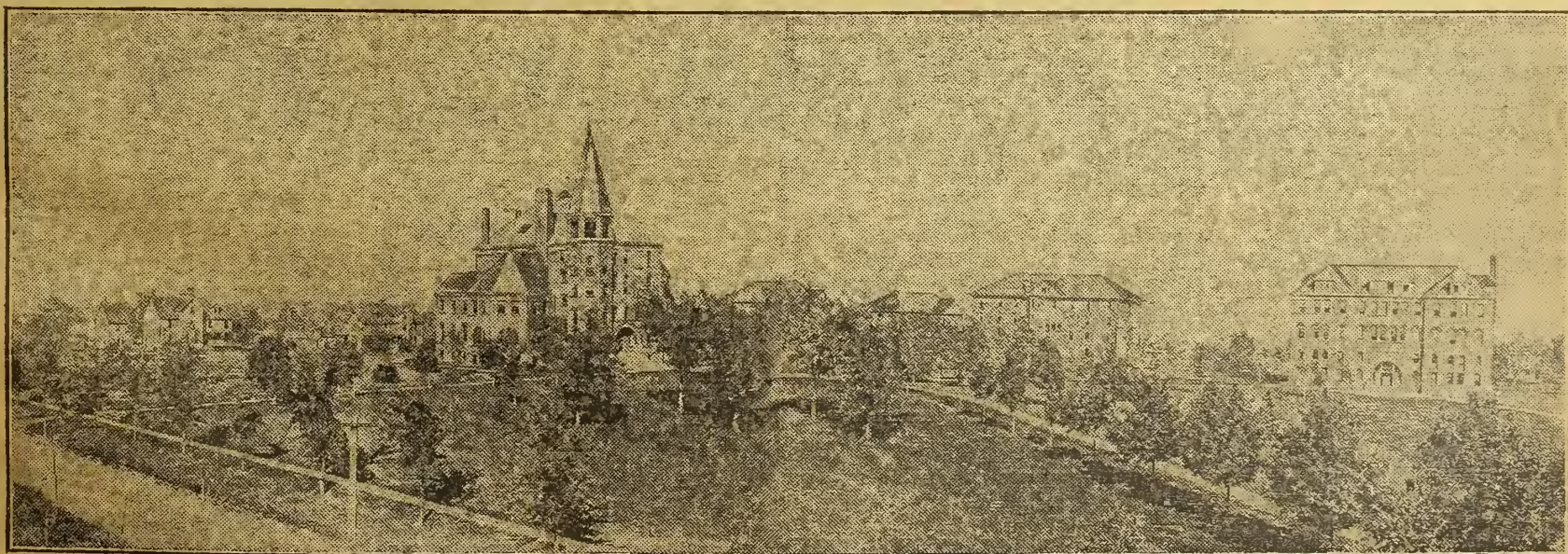
they can be given a little extra feed until they are brought into condition. No matter how big one's bunch is, one must look after them individually. See that they all come up to every feed and that they are all hearty. If one is a little droopy put him into a little lot by himself for a few days and in most cases he will soon come around. The small amount of extra labor that it takes to look after a bunch in this way will invariably be the most profitable labor that one will do on his farm in a whole year.

SHOCKING SORGHUM.

Mr. L. C. Todd, of Wexford county, Mich., sends the following communication relating to the matter of curing sorghum:

Apropos your article on "Curing Sorghum Fodder," which appeared in a recent issue of this paper, kindly let me suggest that when the sorghum is in the windrow and well cured, take a pair of good horses and a go-devil (sweep rake), drive into the end of the windrow the same as in picking up hay, and go just as far as the team can push the load. Then back out, go around and strike the windrow and come up from the other way with a go-devil load, being careful to not take more than the team can push up to the shock. In this way a very little hand labor with a fork will make a nice shock, and unless there is a great deal of rain the fodder will keep well. The plan I follow is to push up, as I said, as far as the team can go, then back out and strike in the windrow again as far from the first shock as we think will do, and go the whole length of the windrow, making half a shock, and then turn around and come back, finishing up the shock. The gain in this is that it saves turning around so many times, as when you finish a shock before leaving same.

This answers the purpose of saving labor exceedingly well, and where fall rains do not prevail, fodder will keep if handled in this shape fairly well. One might go a little further and spend some time with the fork after the fodder is bunched. If the fodder is packed down



HIGHLAND PARK COLLEGE, DES MOINES, IOWA.

(From a recent photograph of the main college buildings and grounds.)

Highland Park College is recognized everywhere as one of the leading educational institutions of the West. Last school year there were 2,143 different students enrolled and 307 were graduated from the various departments of the school. The new school year has opened with a very much larger attendance in all departments than has ever been present before at the opening of a school year and there is every evidence that the attendance this year will reach at least 2,500 students. We have frequently taken occasion to call the attention of our patrons to this excellent educational institution. The publisher of this paper has had every opportunity to know that the work done at this school is first class in every particular. He also can assure the patrons of the paper that the school is thoroughly equipped in every department and that it maintains a splendid faculty.

Although Highland Park College maintains the regular standard Classical, Scientific and Philosophical courses, yet in addition to this it makes a specialty also of a great deal of the work usually found in schools of technology. Those wishing to prepare for teaching in our public schools or in primary work, and those wishing a thorough course in Pharmacy, or Engineering, including Civil, Electrical, Mechanical, Steam, Telephone, Telegraph, and a machinist's course, can find no better equipped school anywhere than at Highland Park College. Besides, Highland Park College maintains one of the largest and most completely equipped colleges of music and oratory in the country. It also has the most completely equipped business college to be found in the West.

We take pleasure in presenting to our readers the above picture of the main college buildings and grounds, and hope that the patrons will write to Pres. O. E. Longwell for any information they may wish with regard to the work the institution offers.

and the top rounded off, rains will be shed to a remarkable degree.

THE FARMER AND THE COMING ELECTION.

The general election now near at hand will give the farmers of the United States their first opportunity since the election of 1904 to express their approval or disapproval of the public policies with which the name of President Roosevelt has become prominently identified. Inasmuch, too, as the president during his first term was under an express pledge to carry out the policies inaugurated by his predecessor and evidently made an effort in good faith so to do, so that his present term was his first appearance on the stage of public affairs in his own person, this election will be the first opportunity the public will have had to pass judgment upon the policies which have so notably changed the whole aspect of our public life. Summarized in a few words, these policies embody the president's conviction that the government must be recognized as supreme and its laws obeyed by rich and poor, weak and strong alike.

Evidently believing that the people of the country recognize his sincerity and are in accord with his policies, the president several months ago in a letter intended to make public his wishes expressed the hope that the election would result in the return of a house of representatives which should have a majority of members of his own political party; which result he said he would regard as both a proof that the public was in sympathy with his administration and as the best assurance of further legislation along similar lines.

The Homestead is both non-partisan and non-political in its attitude toward public affairs; and it would be manifestly improper for us to take a position as favoring one party or another as regards their fitness to rule the country or the applicability of their principles to its institutions. We may, however, with entire propriety express the hope that whatever may be the result of the election in a partisan sense, the president may still have the support of both the senate and house of representatives in his effort to expose the lawless methods of great corporations and compel them to obey the laws of the land as implicitly as must be done by the poorest and humblest.

Nor is it out of keeping with the impartial character of an agricultural paper to declare itself in favor of the continuance in office of all senators and representatives, of whatever party, who have co-operated with the president and other patriotic men in securing the legislation desired by the great body of citizens of all parties. To give a single example, out of a multitude of possible instances, we believe that such men as Senator Dolliver of Iowa, who early identified himself with the cause of railway rate legislation and contributed by vote, speech and influence to the enactment of such a law as the president desired, should not be forgotten when the voters are electing legislatures whose members or a portion of them will have a voice in electing their successors. This belief need not, of course, be interpreted in a partisan sense; for men of both parties showed a willingness to assist the president in his great work, and unfortunately there were also men of both parties aligned in opposition thereto.

WHEN TO SHRED CORN FODDER.

The following communication has been received from one of our subscribers, Mr. A. A. Kallmeyer, of New Florence, Mo.:

I expect to shred some corn fodder this fall, and would like to know how long the fodder should dry before it is shredded. In this case it was cut about September 20th. The stalks are not very large and the crop will possibly yield forty bushels per acre. I have a mow 23x48 feet and eight feet deep, boarded with tight boards, with strips over the joints. If the shredded fodder is stored here, would there be any danger of spontaneous combustion? I would like to shred as early as possible.

Under average circumstances corn fodder may be shredded with almost an absolute degree of safety five or six weeks after it is cut and shocked. Of course something depends upon the stage of ripeness of the corn when it is cut. If the cutting is done while very green, it might be necessary to leave it until the sap that remains in the stem freezes, though ordinarily this is not necessary.

We would not like to say that there is no danger whatever of spontaneous combustion when shredded fodder is stored in a mow similar to the one described,

but we do give it as our opinion that if there is no external moisture on the fodder from rain the danger from fire is exceedingly slight.

It is an excellent plan to tramp shredded fodder while it is being stored in the mow, and for this purpose an old unshod horse may be effectively used. Take him into the mow in the beginning and keep him busy most of the time. By piling a little fodder on the floor there

will be slight difficulty connected with getting the horse out of the mow when the work is done, as there is no danger from injury by sliding him off backwards onto a pile of shredded fodder.

By tramping the fodder well you simply exclude the air, and consequently lessen the danger of fodder heating to the combustion point, or even to a point lower than this that might reduce its feeding value.

PLAN OF RENTING LAND.

BY CHARLES RHINEHART, DALLAS CO., IOWA.

The owner of a 640-acre grain and stock farm is obliged to leave it for a term of years and does not want to sell it. Has it well stocked with brood mares, cattle, hogs and farm machinery. What are some of the most advantageous plans for disposing of the farm and stock for the time? Suggest important points to be observed and possible errors to be avoided.

The data is not sufficient to give a very definite idea of just how to dispose of this farm. The subscriber does not state number of horses or what breed, neither the number of cattle, whether they are dairy or beef, pure-bred or grade. Conditions also vary a great deal in different localities. However, we will attempt to suggest a plan for which the subscriber may be able to rent his farm and return to it after a term of years without having suffered any material loss, commonly associated with rented farms.

In the first place, the owner of the property is entitled to, and should be contented with, a reasonable rate of interest upon his investment, and if the tenant enjoys the confidence of the landlord to the extent that he will entrust the supervision of his entire farm, including horses, cattle, hogs, machinery, etc., to him for a term of years, there should be no difficulty in insuring to the landlord a reasonable rate of interest for his investment and at the same time pay the tenant well for his labors.

There are many plans that have been used for renting stock farms, each one probably peculiarly fitted for local circumstances and conditions. The partnership plan is probably most satisfactory, when it can be made to apply. In this case I would suggest that a partnership be formed with some man whose capital is limited, but who has the ability and aptitude to conduct a farm of this size, and let him share in the profits of the entire farm in exchange for the labor in conducting it.

Take an inventory of all the horses, fix the price for each individual animal of those you expect to keep on the farm indefinitely; the cattle in the same manner; the hogs and farm machinery, including wagons, harness, tools, etc.; also take an inventory of all grain on the farm, hay and straw, including all feeds to be used or fed on the farm, and fix the value in each instance. This inventory will represent the amount of investment of the landlord other than the land. Fix the rental value of the pasture land at what it is worth in your locality. Then there should be a thorough understanding of how the business is to be conducted, whether you expect to feed steers, milk cows, raise hogs or horses, about what you expect to do in the rotation of crops, kind of crops, etc.; in fact, a general understanding of the intention of the partnership.

The tenant should either own or pay interest upon one-half of the investment in the way of stock, grain, feed and tools, and should pay half of the rental value of the pasture. The tenant should perform all labor in connection with con-

ducting such farm, keep buildings and fences in repair, material to be furnished by landlord, and then all the increase from original investment should be divided equally with landlord and tenant. That is, if any grain is sold off the farm, it is divided equally; if milk, butter or eggs are sold, the proceeds are divided in the same way; in fact, all increase is divided that may be disposed of during term of partnership or at expiration of same. If any of the original investment is disposed of, the amount of the original investment of the same shall be tendered to the landlord before any profit shall be divided. Then, in case stock, grain or tools are bought, each party should pay half, or in case landlord pays all, the tenant should pay interest on half. At any time any of the original investment is disposed of in the way of stock, feed or tools, the interest on that amount should stop.

This, in a general way, I think explains the idea of the partnership arrangement. It amounts to just this much: that the landlord furnishes the farm and half the stock, the tenant performs all the labor and furnishes half the stock, then the profits are divided equally. In order to increase the responsibility of the tenant it would be well for him to have some money of his own invested.

We assume that a man who owns 640 acres of land and has it stocked with horses, cattle, hogs, machinery, etc., is a successful business man, and should have the management of the business under his supervision; and I would suggest that lease or partnership be limited to one year, with the understanding that it can be continued if it is satisfactory to both parties.

This sort of an arrangement should be satisfactory to the tenant, as he has stock, horses and tools to begin work with and has a chance to share the profits of a successful business man and also has a chance to invest his earnings in the business as fast as he makes them, thereby stopping interest and actually owning a share. On the other hand, the landlord has his farm conducted the way he wants it, can keep it in a high state of cultivation, and can retain his stock so that in case he wishes to return to the farm will have everything as in the beginning, excepting for natural wear.

This is but a general plan, based on the supposition that the tenant has no resources other than his capability and aptitude to conduct a farm of this size. Should he have money to invest, stock or tools, this arrangement may be altered to suit conditions.

I would emphasize the importance of the landlord assuming entire control of the business management in case of difficulty arising from difference of opinion, and I would avoid entering an agreement for a longer term than one year, the term to be extended if satisfactory to both parties.

CANADA THISTLE.

There is scarcely a week during the growing season of the year when readers do not seek advice concerning the best means to bring about the destruction of Canada thistle. We have said before, and repeat it again, that there is no royal road to its destruction. It is a perennial and consequently reproduces itself from its root as well as from the seed. Mr. Elling Ellingson, of Mitchell county, Iowa, submits the following inquiry:

I wish you would give me some advice about how to destroy Canada thistle. I have some in my fields and as I know it to be a serious pest, I do not like the idea of its spreading.

If we knew just what was growing in this field possibly we could come more directly to the point. If it is meadow and the thistles are not very plenti-

ful, a comparatively small amount of work with a hand hoe may bring about their destruction. In that case we would advise cutting them off just below the surface this fall and also a few times next year. The thing to keep in mind is to prevent the leaves from making any considerable growth and thus choke the plant out, because the roots cannot live unless leaves are produced through which the elements of the atmosphere are taken in. It may require several cuttings to keep down the pests, but, as said before, if the thistles are not plentiful and it is not desirable to break up the sod this plan may be used effectively.

If the thistles are plentiful and scattered over a considerable area one must go after them with heroic measures. We would advise fall plowing and thorough cultivation in the spring until late corn

EDUCATE YOURSELF AT HOME

Forty courses of study in Normal, Academic, Commercial and Pharmacy Departments. No other school can offer advantages of affiliation with a great university, courses of such strength that they receive university entrance credits, annual scholarships in the university for best work in correspondence courses. Instructors are college graduates who give their entire time to our work. Inquiries invited.

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planting time, or even later. Corn is naturally a dirty crop, but if it is planted late and the cultivators run through the field four or five times thistles can practically be kept down where the cultivators run. A few stray plants may make their appearance in the vicinity of the corn hills, but these will have to be removed by hoe or by hand.

We would prefer sowing in the place of corn some such crop as millet, cane, buckwheat, or rape. If these are seeded some time in June, and if the soil has been kept clean on the surface until that time, the chances are that the thistles will be practically choked out. We have seen this tried in a number of instances and know that it will do the work. Bear in mind, however, that the soil before seeding may require several diskings or harrowings so as to keep the plants down.

We realize that the crops we have recommended do not ordinarily take their place in the rotation on the average farm. However, small grain, such as wheat, oats or barley, do not offer much opposition to thistles. In the first place, they are seeded too early and before the crops are removed the thistles make a very satisfactory growth. Indeed, in the case of wheat or late oats they will often head out before the crop is harvested. Because of this we repeat that the late seeding of some of the crops mentioned above is much more effective than any other plan save, possibly, the summer fallow, which, though effective, is scarcely practicable in the corn belt as one loses the use of his land during the year.

Attractive Features of Wyoming.

Wyoming is a much-neglected state, considered from the traveling public's standpoint. Not in a similar area elsewhere in this country or in any other country can so many scenic features be found as in Wyoming. As a game state it has no equal. Although known to the world on account of the location of Yellowstone Park within its boundaries, it will some day be famous for its wonderful scenery outside the park.

The climatic conditions of Wyoming are such that it makes an ideal winter resort and a most desirable place to spend a vacation.

The Union Pacific railway has recently issued a booklet entitled "Wyoming and Its Attractions." Its pages are made up of matter accurately descriptive of the various features of this great state, and it is profusely illustrated from cover to cover. It will be sent free upon application to Mr. E. L. Lomax, Gen. Pass. Agt., U. P. R. R., Omaha, Neb., mentioning this paper.

Cancerol has the Confidence of the People

A record of successful cures of people from every part of the Union and in every situation about the body contained in a valuable free book, which will be sent to those interested. Write to-day. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

A HUSKER'S EXPERIENCE.

"I've husked many a bushel of corn; had my wrists and hands nearly paralyzed from strain. I've used lots of different kinds of huskers. Some were better than others, but I haven't struck anything that fills the bill better than that Akin Husker, made by Smith & Davis, Ames, Iowa. It's easy on the hand and relieves the wrist because there's a piano-wire spring at the butt of



the peg. When you jab your hand with the husker on it into a tough husk, the spring takes up the shock and gives your hand and wrist a lot of comfort. You can work fast and often beat the fellow in the next row. It fits snug, too, and holds the fingers together so my hands don't get blistered as easily as they used to. I got my Akin Husker by sending a quarter by mail to Smith & Davis. I guess in most places the stores keep them."—One Who's Had Experience.

Farm Furrows

Turned by a Practical Farmer.

The best safety deposit arrangement is—farm land.

Nothing seems to be freer than air unless it be hot air.

If there were more square deals in the world there would be more square meals.

"Look pleasant, please," is applied to the home as well as to the photograph gallery.

The best, safest, cleanest, cheapest and most convenient fire starter is a basket of dry corn cobs.

The present price of pork covers up and eliminates a great deal of the bad odor coming from the hog lot.

Farm animals constitute an effective and profitable fertilizer factory on the farm with the capital paying good dividends all the time.

Some politicians believe in rotation of power among political officials. Rotation is a good thing for the farmer and why not for the politician?

Plowing and harrowing soil early in the fall puts a stop to the loss of moisture, and for that reason early plowing liberates fertility by natural agencies.

There is a bad weed extant that needs eradicating. I refer to "sharpers' games." Starve them to death is my plan. I have no use for a gold brick.

There'd be more happy homes if every man could be as patient about home as he is when he goes fishing. Some men will growl if dinner is two minutes late and then they'll stay a whole day in a boat and never get a bite.

Far too many men conduct themselves on the "Is it against the law" plan rather than the law of right. When men ask themselves "Is it right?" then we will have made a great improvement. Most men know what is right.

Whenever one sees an old stable leaning over as if it would fall, with a manure pile against it holding it in place, he feels glad that the manure pile is there. The problem is whether to move the manure pile or to move the stable.

A hog breeder at one of the state fairs told me that he had not shown any hogs for a number of years but that he felt that he would have to get in the ring again. He claims that it is best to keep his hogs as well as his advertisement before the people.

J. Frost now assures us that he was not after the corn at all, but he would like to get after the bumper mosquito crop and incidentally he would take a nip at the flies and bugs. Jack made the heart of many a farmer glad by staying away late this year.

Sometimes there is a petulance engendered among children in the home. A good way to cure this is to let some members get away from the home for a season. Little undesirable habits are often broken up in this way and better ones formed in their places.

Sam says a daughter of a city merchant recently visited her grandfather in the country. The grandfather did not believe much in improvement and had a great many old-fashioned devices on his farm. Among other things he had an open well with a windlass for drawing the water. The girl was heard to remark when she saw her grandfather drawing

Make More Money Keep Your Stock Thrifty

Here's the Whole Truth of the Matter.



STANDARD STOCK FOOD is not a medicine, a drug, or a "dope."

It is a condimental food; a "seasoning" which takes the same place in the animal's ration that salt and pepper and mustard and sage and flavors and sauces take in *your* diet.

The animal needs this condiment just as you need condiments.

Because, first, it flavors and seasons the ration and makes it taste better.

So that the animal eats with a keener appetite and a greater relish.

That means a greater flow of saliva in the animal's mouth, a greater flow of all the juices and fluids in the digestive organs.

Hence the animal digests its feed more *easily*, more *quickly* and more *thoroughly*.

It gets more good from every pound of grain and hay it eats, and less of the ration is wasted by passing through the animal undigested

* * *

But that is not all. The *tonic* properties of Standard Stock Food quicken the circulation, aid in assimilation, tone up the entire digestive system, and produce that healthy, vigorous condition which means greater thrift in animals and bigger profits for you.

* * *

Honestly now, don't you believe, don't you *know*, that a stock food which will do this, will make money for you?

Standard Stock Food *will* do it. There is no "theory" about it. More than 400,000 of the best farmers, feeders, and breeders in the world use Standard Stock Food—and have proved that it does make stock thrive.

As to Quality.

Standard Stock Food is good all the way through—every particle in it has honest stock food value.

If you will just compare it with any other stock food made,—look at it, smell it, taste it—you can see and smell and taste its superiority.



STANDARD STOCK FOOD
"IT MAKES STOCK THRIVE"

It is stronger, purer, more concentrated.

That's why it goes so much farther than other stock foods.

That's why *it costs you less* to use Standard Stock Food than to use any other.

A dollar's worth of it contains more feeds than a dollar's worth of any other.

Simply compare the feeding directions on packages of various makes and you can see this for yourself.

It costs you less per animal, per month, than any other.

* * *

We want you to try Standard Stock Food, not because we want to make a single sale to you, but because we know that if you give it a fair test you will become an enthusiastic, permanent customer.

More than 400,000 farmers and feeders have *proved* that "It Makes Stock Thrive."

We will sell it to you on a square deal, money-back guaranty—your money back if it does not do all we claim it will do.

You run no risk in trying it, and its use means bigger profits to you.

GO TO YOUR DEALER

and ask him to supply you. If he cannot, do not take a substitute but send to us direct.

We will ship immediately and protect you with our square-deal, money-back guaranty.

FREE TO YOU.

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

Standard Stock Food Co., 1516 Howard St., Omaha, Neb.

water: "I have often heard that things go on like clockwork on grandpa's farm, but I didn't suppose they had to wind the well up to make it go."

Information comes from a reliable authority that the unsecured notes of cotton planters for the first time is now good at banks and their land is safe security and salable. The crop lien has just now disappeared.

Plowing under a clover sod is making a deposit better than that in a bank, for it pays good interest, cannot be subjected to irregularities of a cashier and speculations of bank officers will have no effect on it.

There is a true, but doleful story in a twisted, ragged, crushed and shapeless shock of grain. It tells a story of wasted energy and misapplied skill. I am glad that a good shock is something a poor man can have though it is something that a poor farmer seldom has.

After many promises and alarms the fences on the cattle range are actually coming down. Hundreds of miles of fences that once enclosed thousands of acres of good land have been torn from the posts, carefully rolled up by cowboys and sold as junk. Land agents in many localities are superintending the work of demolition. For twenty years off and on agents have ordered fences torn down and they have withstood all

threats. The rancher felt that the settler was a usurper and treated him coolly.

It is a step in the right direction to have the boiler of the steam thrasher tested, but it is not enough; the engineer should have a touch of the same test. Inefficient engineers are sometimes at their posts when bad accidents occur.

I have no war with automobiles at all; it is with the manner that some of them are run. No blame ought to attach to an inanimate thing like an automobile. There will come a day, however, when only sane men will be allowed to run automobiles in public places.

Apples are selling at eighty cents per barrel in some parts of the fruit district in Missouri. In southern Iowa peaches are being fed to stock while in Des Moines, one hundred miles away, they are selling at \$2 per bushel. Something is wrong when this condition exists.

In the last year book issued by the government is found the information that in addition to certain soils being adapted to the production of corn it is found that the plant does not do well below an altitude of 100 or above 1,500 feet above the level of the sea. That certain black loams suitable to the production of corn in the central states will not prove desirable for corn in the north-eastern and eastern tide-water states,

owing to a greater elevation and a consequent shorter season.

There is such a thing as a fruitgrower failing to see worm holes in his own fruit when he is packing. There is also a possibility that he will not have a good eye for grading the fruit. The man who can't do that had better hire a man to do his grading and packing.

In the production of corn we no longer ask "What will the harvest be?" for we can easily determine about what it will be. The thing that most concerns the corn grower now is "What will the price be?" When it comes to figuring what the price will be many will find their guesses up in the air.

A friend of mine says he bought a poor cockle bur farm paying \$34 per acre for it about a dozen or more years ago. He has the entire farm now to grass and the cockleburs have gone and it will now sell for \$125 per acre. The farm supports one of the best herds of Short-horns and the buildings are up-to-date.

CHEAP RATES TO PACIFIC COAST.

Commencing September 15th and continuing until October 31st, the Iowa Central will have on sale reduced rate one-way tickets to California, Oregon, Washington, British Columbia, Utah, Montana and Idaho. Rates \$15 below regular fare. Call on Agents for particulars or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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about good wheels and good wagons that will save you a lot of work and make you a lot of money—the

ELECTRIC STEEL WHEELS

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ELECTRIC HANDY WAGON.

By every test, they are the best. More than one and a quarter millions sold. Spokes united to the hub. Can't work loose. A set of our wheels will make your old wagon new. Catalogue free.

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ELECTRIC

THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

THE LATE FALL PIG.

The following communication has been received from one of our subscribers at New London, Iowa:

I would like the advice of some of your older hog raisers on the following proposition: I have five good sows and they each have good litters of pigs about one week old. Now, I should like to have these sows bring spring litters, too. In that case, when, or how old should the present litter be when they are weaned? What mixture of grains in either slop or mash, should they be fed? Also, how should the sows be fed to build up again sufficient to carry a spring litter?

It is not a simple matter to winter pigs that are farrowed as late as October 10th. Unless one is exceedingly well fixed in the way of winter quarters for the young pigs, there will not be much profit in handling them. However, the pigs in this case have arrived and they must be cared for.

By the time they are old enough to eat, the nights will be getting rather cold and it will pay, in our opinion, to warm their feed. They should receive something besides corn. Shorts and corn meal, half and half, with oil meal or tankage added in quantities to amount to about one-tenth or one-twelfth of the ration, will make an excellent mixture if it is fed warm during the late fall and through the winter. If they are given about all they will eat up clean twice a day and if, in addition, the sows are well fed while the pigs are still suckling, they ought to thrive so far as feed

is concerned. However, they must have comfortable quarters to sleep in. This does not mean a close, unventilated building, but, rather, a reasonably warm, dry, location. Ordinarily the straw in their bed should be changed once or even twice a week, or whenever it seems to be at all damp.

Reverting again to the feeding of these young pigs, it may be said that if they are fed slop twice a day it will do no harm to let them have access to about all the dry corn they will eat. They need this for heating purposes, and if it is fed dry they are compelled to masticate it properly so that there is not much danger of throwing their digestive system out of order.

If it is not the intention to breed these sows for early farrow next spring we would let the pigs suck at least ten weeks, though of course this cannot be done if the sows are to be bred early. Invariably, however, it will stunt a late fall pig to wean him before he is that old.

Regarding the feeding of sows, it may be said that unless they are very fat now they should be given just about all the slop and corn they will eat until the pigs are weaned. It will pay from the standpoint of the litters to do this, while the sows themselves will then be in good condition when they are bred. It is always a bad policy to have sows run down in flesh at the time they are bred, because the chances are that it will reduce the size of their litters and also the stamina of the little pigs.

A syndicate of grain men have purchased 50,000 acres of Texas land for the raising of macaroni wheat.

The W. H. Jones Angus Sale.

That good Angus cattle are bringing good prices was never more evident than at the sale of Mr. W. H. Jones, at Quimby, Iowa, last week when the first ten head made an average of \$240. Blackbird of Cherokee 12th, a three-year-old Blackbird cow, topped the sale at \$525 and she was purchased by Mr. L. H. Cantine, of Quimby, Iowa. Mr. Jones put up one of the best bunches of Angus bulls seen in any sale this season, but there did not seem to be a demand for bulls, and he therefore did not offer all those cataloged for sale. Thirty-five head averaged \$131. The cattle were fitted by Mr. Arthur Jones, the young herdsman, just seventeen years of age, and a son of Mr. Jones, and they were in splendid condition. The bulls were particularly attractive, and he had not only one of the best bull offerings of the season, but they were the best-fitted bunch. Colonel Igo said in opening the sale that they were the best-fitted bunch of cattle he had the pleasure of selling this season. Below we list those selling for \$100 and over:

Blackbird of Cherokee 11th, three years, James Williams, Marcus, Iowa	\$350
Blackbird of Cherokee 12th, three years, L. H. Cantine, Quimby, Iowa	525
Blackbird of Cherokee 24th, one year, James Williams	210
Imp. Pride of Lovat 8th, seven years, same	275
Imp. Pride of Craighead, seven years, same	255
Pride of Heatherton 3d, nine years, Len Lamar, Storm Lake, Iowa	200
Pride 4th of Maple G., Geo. Isenbarger, Quimby, Iowa	125
Heather Mabel 2d, seven years, James Williams	180
Hilda Cantine, three years, Isenbarger Bros., Battle Creek, Iowa	130
Eva Essex, two years, L. H. Cantine	150
Eleonor of Maple G., one year, White Bros., Perry, Iowa	105
Stately of Hennessy, six years, W. H. Smith, Quimby, Iowa	150
Belle of Lakeside 2d, eight years, A. F. Bollin, Quimby, Iowa	100
Belle of Rock Glenn, three years, L. H. Cantine	145

THE WONDERFUL DAVIS FAMILY.

We are showing herewith a photographic reproduction of Mr. B. J. Davis and his nine sons. This is the largest family of



boys that has ever been brought to our attention, both in weight and height. The Davis family weighs 2,070 pounds, a trifle over a ton, and are nearly all "six footers." The father is still living and is now ninety-five years of age. It is a strange coincidence that the Davis brothers have all settled on the same line of business. The nine brothers are the owners of the Davis Cream Separator Company, of Chicago, Ill., whose advertisement appears in this paper. This company has been in the separator business nearly twenty years and has grown from a small beginning to a \$300,000 corporation. The Davis brothers have adopted a novel method of selling their cream separators direct from their large factory. As their catalog states, there is "no one between you

\$2⁵⁰ A Month
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Play it 30 Days FREE. If You Don't Find it All We Claim, Send it Back at Our Expense and Pay Nothing. This is the KIMBALL SYSTEM of SELLING.

You can now get a Genuine Kimball Organ direct from the great Kimball Factory at the LOWEST MANUFACTURERS' PRICES on payments as low as \$2.50 a month until your instrument is paid for.

Your simple request brings you by return mail, postpaid, Free, our Money-Saving Plan and Organ Catalog.

This tells all about the new Kimball System of Selling and the whole of this remarkable Organ Story.

It tells how you get a Genuine Kimball Organ for a month's FREE Trial. Upon receipt of your order, we send the organ right along to you, with fine Piano Stool and Music Book.

You play on it a month in your own home. Try all the rare combinations of its numerous stops. Listen to its wonderfully sympathetic tones. Use it as if it were your own.

If you don't find it all we claim, send it back at our expense. The trial does not cost you a penny, for the first small payment you may have sent us will be cheerfully refunded if the organ is not satisfactory.

If you like the organ and find it just as we have represented (we know you will) send us at the end of the thirty days' FREE trial \$2.50. And the same amount every month until your organ is paid for. Thus we make it easy for you.

You or your children can learn to play while paying for the organ. Could we make you a more generous offer?

But we do not stop even here. We do not say to you that we guarantee Kimball Organs for five years or twenty or a hundred. But what we do say is—by dealing direct with us you know where to find us. We are right here always. If anything goes wrong with a Kimball Organ through fault of ours, anywhere, at any time, we stand ready to satisfy you.

The Great Kimball Organ Works are the Largest in the World. Here are built the famous Kimball Organs, the most wonderful organs made anywhere.

We have been building and selling them for fifty years—since 1857. And every year sees in the Kimball Organs some little improvement—in the reeds—the action—the stops—or the cases.

This year they are just a little finer than last. And we are making more of them than ever before—three times as many as any other concern in the world. We buy lumber and supplies in tremendous quantities. We pay cash. This means we get the very best at the very lowest prices.

Our factory is equipped with every most modern labor-saving device. All our machinery is up-to-date. And all our workmen are experienced hands. They know exactly how a fine organ should be put together. They do their work rapidly and well. And this means the very finest kind of organ-building at the very lowest cost.

It means that for every dollar you pay us you get your full one hundred cents' worth of fine organ. Kimball Organs are far and away the best—not at the price, but at any price.

Is there any advantage in dealing direct with the largest concern in the world—a concern with an established reputation to treasure—a concern that stakes its honor on the organs it makes?

By dealing direct with us you can be right in touch with the makers always. Thus we get to know each other and become friends. This is the way we want it. We want our friends to know what Kimball Organs really are. We don't ask them to take "hearsay evidence" or anybody's "say-so"—not even our own. So we let you try a Kimball Organ right in your own home a full month at our expense.

Could we afford to make such an offer if we were afraid to compare our organs with any built? Would we take such a risk if we did not know you will find the Kimball Organ the best made?

Let your children learn to play the organ. Keep them at home evenings. Give them wholesome, healthful, uplifting enjoyment. Sing the old familiar tunes—the grand old hymns—and feel their sweet influence in your home.

Write for our new Organ Book immediately. It is FREE. It shows all the styles we make and tells the complete story of this wonderful New Kimball System of Selling. Send to-day—now, before you forget.

W. W. KIMBALL CO.,

108 KIMBALL HALL, CHICAGO.



I CURE CANCER

MY MILD COMBINATION TREATMENT IS NOT A NEW REMEDY.

It has the experience of years back of it and has cured hundreds of cases where the hand of death seemed to forever have closed upon them. Endorsed by physicians, ministers, bankers, business men and others.

Treatment Not Painful

There is no necessity for the patient enduring the intense pain caused by applications of caustics, burning plasters, tery poultices, etc. Scores of the most advanced cases of Cancer have been cured by my Mild Combination Treatment entirely without pain.

BEWARE OF THE KNIFE

No case of Cancer was ever cured by a knife operation. The patient suffers untold agony and shortly finds himself in worse condition than ever. I cure cancer by a combination treatment. Local treatment destroys the deadly cancerous growth; constitutional treatment drives the disease out of the system, thus preventing its return.

Names of a Few of the Many I Have Cured
Mrs. Anna E. Guffy, Arcadia, Kans., Cancer of Breast.
Mrs. Frances Downey, Sildell, La., Cancer of Jaw for 14 years.
Mrs. A. E. Foyt, Rosebud, Texas, Cancer of the Womb after operation failed.
Mrs. D. E. Stone, Harper, S. C., Cancer of Lip after operation failed.
Mrs. J. W. Groshong, Wright City, Mo., Large Cancer in the Forehead.
Mr. N. J. Bell, Newburg, W. Va., R. No. 2, Box 11.
Mr. Peter L. Rice, 1225 14th St., Des Moines, Iowa, Cancer of Stomach.

FREE BOOK—CANCER AND ITS CURE

I send this large book to sufferers free of charge. Tells how and why my treatment cures. If you cannot come to my office for treatment I can cure you at home. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—do not give up hope but write at once.

DR. O. A. JOHNSON,
1233 Grand Ave.,
Suite 327, KANSAS CITY, MO.

1856—Sandwich—1906

Corn Shellers

The standard the world over for 50 years. Now in use in every corn growing section of this country. The Sandwich is the result of improved facilities of manufacture, latest and best design, the best procurable material, superior workmanship, and ripest experience.

The result is that well known superiority which has made the Sandwich so justly famous. We make them in all sizes and styles and capacities—mounted and down, belted and geared.

Farmers should insist on having their corn shelled with the Sandwich because it shells fast, saves time and the board of the "gang."

They shell clean and they clean the corn they shell clean.

SANDWICH MANUFACTURING COMPANY, 143 Main Street, Sandwich, Ill.

BRANCHES: Council Bluffs, Ia. Kansas City, Mo. Peoria, Ill. Cedar Rapids, Ia.



and them," consequently they save separator buyers 20 to 50 per cent on the price of a high-grade cream separator. There is one thing the Davis brothers will not do: they will not cut down the quality of the goods they manufacture. They stand back of every machine they send out with their iron-clad guarantee, which is backed by their entire capital stock. This assures anyone doing business that they will get the high-

est grade at lowest prices. This wonderful money-saving proposition of theirs as well as a large photograph of the Davis family is more fully covered and shown in their catalog No. 118, a copy of which will be gladly sent to any reader upon receipt of a postal request if he will kindly mention this paper. Just address Davis Cream Separator Company, 54L North Clinton St., Chicago, Ill.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

SALE OF A COW.

A Subscriber, Shenandoah, Iowa.—A bought a cow from B for the purpose of putting it into a beef club. When the cow was killed it was found that her intestines were diseased. Can A compel B to hear the loss?

Answer.—Upon the facts stated, the loss will, according to law, fall upon A. It does not appear that there were any false representations, or fraudulent concealment, or warranty made by B, and in such a case the buyer purchases at his own risk.

SLANDER AND LIBEL.

A Kansas Subscriber.—A and B are sisters-in-law. B has told a lot of falsehoods about A reflecting on her character. Can A have B arrested and prosecuted therefor, and if so, what would be the outcome?

Answer.—B has merely slandered A. This is not a criminal offense, therefore A cannot have B arrested and prosecuted. If B had told the falsehoods in writing or by pictures it would be libel and B could be arrested and prosecuted. There is no remedy for slander but a civil suit for damages; but libel is a criminal offense. The difference is this: Slander consists of injurious falsehoods spoken by one person concerning another person. Libel is merely slander written, or represented by pictures.

NEWSPAPER SUBSCRIPTION.

A Subscriber, Burlington, Iowa.—Some four years ago I put an advertisement in a certain newspaper, and the editor mailed the paper to me, as is the custom. In March, 1904, the paper changed hands and the new proprietor continued to send me the paper. I never subscribed for it. Many papers come to my box through the mail which I never open or read, and this is one of them. It comes on a rural free delivery and the children often get the mail, and take all that is in the box. The proprietor of the paper never demanded pay from me, but has sent his bill of \$2.25 to a collection agency in Chicago for collection, and it sends me dunning letters. Am I liable for this bill? Please give me the law and where to find it.

Answer.—The law upon the subject amounts to this: If a person receives a newspaper through the mail without objection, he is liable for the subscription price of it, upon an implied contract, although he did not actually subscribe for it. This doctrine is recognized in Iowa by the supreme court in the case of Shoemaker vs. Roberts, 103 Iowa Rep., p. 681.

DELAYED PASSENGER.

Mr. J. T. Morrow, Durant, Iowa.—I had a ticket issued by the Rock Island R. R. Company which read, "Good for one continuous first-class passage—Denver to Durant, Iowa." I got on the train in Denver and when I got to West Liberty, twenty miles west of Durant, the conductor told me I would have to get off there and wait for the local, as my train did not stop at Durant. I got off there, and in consequence arrived at home twelve hours later than the time the through train

on which I started, arrived. Was the company not under lawful obligations to stop the through train at Durant and let me off?

Answer.—We know of no legal method by which you could have compelled the railway company to stop its through train at Durant. If you were damaged by the delay of twelve hours, you might possibly recover against the company, but we doubt it. It does not strike us as a strong case.

DESTRUCTION OF LEASED PREMISES.

Mr. M. D. G. Tyndahl, So. Dak.—About two years ago I leased a tract of land on the Missouri river bottom for pasture and meadow, for the term of five years, from a non-resident owner. This summer the river cut away the only road that leads to the land, and also cut away the very best part of the land. I have no way now of getting to the land. The lease provided that in case of a sale of the land, my lease should expire. I have notified the owner that I cannot use the land and cannot afford to pay the rent. What can he do about it?

Answer.—According to the common law where a party has agreed to pay rent, the destruction of the leased premises by fire, or flood, or tempest, does not relieve the tenant from his obligation, unless there was a clause in the agreement to that effect. The statute law of South Dakota provides that the destruction of leased premises has the effect of ending the lease, but does not make any provision in case of the partial destruction of premises. By analogy, however, we suppose the court would hold in such a case, that the rent should be reduced in proportion to the partial destruction of the premises. Try to compromise with the owner, as he can probably hold you liable for a portion of the rent anyway, and possibly all of it.

SEVERAL REMEDIES.

A Subscriber, Britt, Iowa.—A prepared a note and mortgage in B's name, the mortgage being upon certain land which was not owned by B at all, and indeed B owned no land whatever. A persuaded B to sign the note and mortgage and then took them and raised money on them. Has B any legal remedy?

Answer.—He can recover from A whatever he has been obliged to pay on account of the note and mortgage. He can probably have A prosecuted criminally for false pretenses. He can also probably have a guardian appointed for himself. The same correspondent in another letter dated one day later says that a certain person owes a debt which he is unable to pay at present on account of poor crops during the last four years, and that he has received threatening letters from a collection agency about it, threatening him with public exposure, and accusing him of dishonesty and wilfully refusing to pay his debt, and wants to know what the debtor should do about it. We would advise the debtor to waste no labor upon a controversy about the letters, but to give his strength and attention to his fifth crop, and try to make it pay the debt.

ACCOMMODATION ROAD.

A Subscriber, Markesan, Wis.—There is a road down through the middle of my farm, leading to a farm hack of mine. There is a gate each end of the road. It is not an open road, has never been fenced; is only a track for the people at the other farm to travel over, as an accommodation. It has been there for a good many years. The farm has changed hands several times, and has just recently passed into the hands



To Handle and Operate

WE never advocate the Litchfield Spreader as being a lazy man's machine. We do not believe in a lazy man, and therefore do not believe in lazy men's machines. However, there is no need for seeking a hard way to do a job when an easy way is readily at hand.

Will our reader kindly tell us why all this waste of "gray matter" in trying to conceive some sort of a complicated device for automatically returning the conveyer on a manure spreader; why all this litigation in the courts and strenuous controversy over little details of mechanical devices for accomplishing something that ought never to be necessary? The answer we can give if you want it. The Litchfield Spreader controls the only successful endless conveyer, and as others must make spreaders, they necessarily must use the next best thing that they can get, and this is why the return conveyer is made by other manufacturers.

The Litchfield Spreader goes right to the meat of the question every time; uses no round-about means of accomplishing results. It has but one single lever, which with one single motion performs what a half dozen different levers are used for on other spreaders. When it comes to improvements, this spreader "hits the nail on the head," and the improvements are straightforward, simple mechanical principles that do the business. These improvements avoid religiously all sensational freaks that on other machines are designed to tickle the curiosity and befuddle the judgment of the intelligent American citizen.

Most boys (and girls, too) on the farm are able to drive the horses at an early age. Wouldn't you like to have a machine that you could put your ten-year-old boy or girl in charge of and let them go to the field, feeling confident that as long as they know how to drive they know how to handle the Litchfield Spreader? To operate the Litchfield Spreader is a pleasure and there are thousands of them today being driven by ten and twelve-year-old children successfully and with just as good results as a man could accomplish. Another reason why we are able to guarantee the Litchfield for five years. Don't skip next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

of a new owner. Can I lawfully shut up the road?

Answer.—We think you can lawfully shut up the road. In order to prevent you from doing this the other parties would have to prove that this track or road had been continuously used for twenty years, under a claim of right, and as against your right. The circumstances you state indicate that all the time the track or road was used by your permission, as a matter of accommodation, and not as a matter of right. If this be so then you cannot be prevented from shutting up the road.

The Isaac Duroc Jersey Sale.

At the Duroc Jersey hog sale held by Mr. T. H. Isaac, on Wednesday, October 17th, at Red Oak, Iowa, there was a large attendance. The offering, including in all, sixty head, brought the handsome sum of \$1,654.50, an average of a trifle over \$27.50 per head. The following is a list of the purchasers and the prices paid:

BOARS.

D. W. Preble, St. Edwards, Neb.	\$50.00
C. L. Rockwell, Griswold	44.00
Jas. Isaac, Red Oak	42.00
A. L. Stiles, Emerson	40.00
A. M. Manquist, Villisca	40.00
E. E. Jones, Emerson	37.00
Joe Shearer, Griswold	36.00
Grif Jenkins, Emerson	36.00
Fred Rumsey, Emerson, R. F. D. 3	34.50
C. L. Rockwell	35.00
Joe Shearer	32.50
E. H. Bortley, Atlantic	31.00
J. M. Keyte, Red Oak	30.50
S. R. White, Elliott	30.00
Clarence Johnson, Red Oak	29.50
H. A. Chandler, Essex	29.50
T. C. Brown, Red Oak	28.00
John Buchanan, Red Oak	28.00
R. N. Withrow, Red Oak	26.50
C. J. Hendrickson, Essex	26.50
Clark Thompson, Imogene	26.00
F. P. Clark, Red Oak	26.00
G. A. Lagerquist, Essex	26.00
Henry Ebert, R. F. D. 1, Red Oak	26.00
Wm. Erickson, Red Oak	26.00
Wm. Phelps, Henderson	25.50
Ed Hefty, Shenandoah	25.00
W. H. Jones, Emerson	25.00
Ben Lewis, Red Oak	25.00
P. P. Clark	25.00
G. E. Dalstrom, Stanton	25.00
Hugh Evans, Emerson	25.00
Henry Ebert	25.00
A. H. Dalstrom, Stanton	23.00
J. W. McCaskey, Elliott	23.00
T. K. Cowley, Elliott	22.00
A. F. Boyer, Stanton	21.50
A. H. Chandler	21.00
H. H. Ellis, Elliott	21.00
Will Jones, Henderson	20.50
O. E. Davis, Red Oak	20.50
G. Atchison, Red Oak	20.00
N. J. Lewman, Griswold	19.50
W. R. Rawlins, Emerson	19.00
A. F. Boyer	19.00
Frank Landanger, Red Oak	18.50
A. L. Taylor, Red Oak	18.50
W. A. Jackson, Red Oak	18.00
Frank Culver, Red Oak	18.00

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Roht. St. Clair, Red Oak	18.00
GILTS.	
A. A. Peterson, Stanton	35.00
D. W. Preble	29.00
J. M. McCaskey	26.00
F. A. Strong, Orient	25.00
Same	25.00
J. M. McCaskey	23.00
SOWS AND LITTERS.	
A. A. Peterson	42.00
Same	35.50
Roht. St. Clair	30.00
G. Atchison	26.00

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The M. & St. L. is "The Road that Runs" and trains leave Union Station, Des Moines, at 8:15 a. m. and 9:05 p. m. New electric lighted sleepers, all nice coaches. Call at City Ticket Office, 512 Walnut St., or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., Des Moines, Iowa.

The Wabash offers the following opportunities for excursion rates:

The Dedication of State Monuments at Vicksburg, Nov. 11th and 12th, Chattanooga, the 16th and 17th, and Paducah for Shilo, the 19th and 20th, at exceptionally low rates and good limits. Via St. Louis is the quickest and best.

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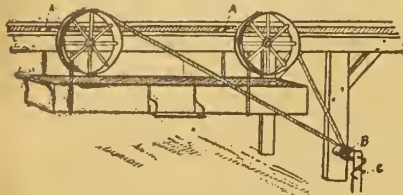
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HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

A Fremont county farmer has found a new use for the wheels of an old corn planter. He writes: "I have a new device for lifting a wagon box or hay ladder that may interest your many readers. I take a pair of old corn planter wheels and have the blacksmith bolt them to an iron rod so that the rod must turn with the wheel. This rod I run through a couple of the cross beams of the barn as shown in the drawing. On the part of the rod between the beams

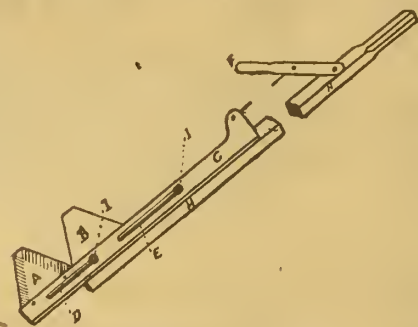


WAGON BOX LIFTER.

I make a cylinder or windlass by attaching a round piece of timber. These two cylinders are shown as AA in the drawing. Around these cylinders a rope is wound at either end and hangs down long enough to go under the end of the wagon box or ladder. As the planter wheels are turned these ropes wind up on the cylinder and the box is lifted. Around the tire of each wheel a three-eighth-inch rope is wound a number of times and then run down to a windlass, B. By turning the crank of this windlass the planter wheels are turned, by the rope around them unwinding, and this winds up the rope on the cylinder and the box is lifted. The windlass, B, can be held in place by inserting a bolt, C, which will hold the box or ladder at any height desired. I have used one of these devices for five years and find it the handiest thing about the farm.

A Polk county, Iowa, farmer sends the following description of a device he has made for pruning fruit and shade trees: "I inclose a drawing of a home-made pruner, which I have found better and more durable than those you buy. The two blades, A and B, are old binder sickle sections. A is attached to a movable iron piece, C, while B is attached

to the wood handle, H, which may be any length desired. The one I have is twelve feet long so that I can reach the tallest apple trees. The sections, A and B, are set so the bottoms are together and they should fit as closely as a pair



HOME-MADE PRUNER.

of shears. The iron piece, C, has two openings, D and E, so that when the handle, H, is pulled back the section A will slide over B like a pair of shears. You know that a binder sickle section has a 'feather' edge so that the limb or twig will not slip up but will be cut off as smoothly as you please. C is attached to H by two bolts the heads of which are shown as II."

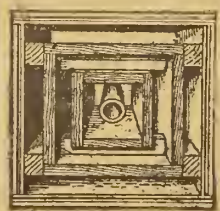
The following from the Orange Judd Farmer illustrates a very good way to protect pipes in winter: "Nothing is so good a protector from frost or heat as



FROST BOX AND WATER PIPE

dead air in insulated compartments. Where water pipes must be placed in the ground above the frost line, or above the ground and fully exposed, properly constructed frost boxes are vastly superior to felt, cork or other coverings. These packing materials are usually worse than worthless, because they are sure to become soaked from condensation on the pipe and thus to invite instead of repel frost. This is especially true where the pipes lead to the elevated tanks from wells of cold water, because in any weather when the temperature is above that of the water, condensation is likely to occur. The simplest construction of an effective protecting box is constructed

with three dead air spaces well sealed and extending from below the frost line up to the point of delivery at the tank or at the house. After the pipe is in place a box tube of one-half or three-fourths-inch stuff and six inches inside diameter is built with the pipe in the center. It



CROSS SECTION OF FROST BOX.

is then sealed outside with tar paper. Trimmers are then placed around the box to build another box upon, a two-inch air space being left between the two boxes. In like manner this box is sealed and supplied with trimmers for an outside box of ship lap or matched boards to surround a second two-inch air space. Frost boxes so constructed will be found effective in any climate and are fully as satisfactory as more elaborately constructed ones."

A Lyon county reader has an improvement in stanchions. He explains in the following language: "You have, no doubt, found it a little trouble to go through the stanchions and close every one after the cows or calves have been turned into the barn. I have a device that does away with this trouble. I call it my self-closing stanchion. The cut I inclose describes it without going into detail. All there is in addition to any stanchion is an attachment, A. This is bolted to the lower board of the stanchion at B and an iron rod runs from the upper end of it to the movable board. When the stanchion is open one end of A sticks up in the opening, as

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Reference, Any Bank or Business House in the city.

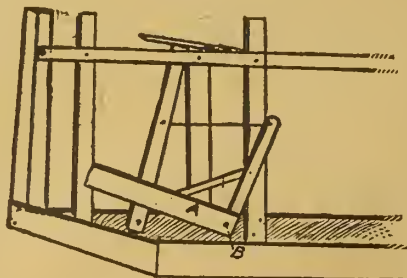
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shown in the drawing. When the 'critter' comes in and attempts to eat out of the manger, she presses down on this,



SELF-CLOSING STANCHION.

which closes the stanchion without the attention of an attendant. I have used one of these for some time and the occasions are rare where they fail to work."

A Howell county, Mo., reader describes his device for making a fruit ladder as follows: "Take a couple of old cultivator



FRUIT LADDER.

wheels and make an axle out of hard wood. Then use two 2x4's ten or twelve feet long, as desired, for upright supports. These should be bolted to the axle as near to the wheels as possible. At right angles with these two supports, bolt two other 2x4's, five feet long. These are for supports to run from the axle to the ground. From the lower end of these five-foot 2x4's to the top of the upright supports, place a fifteen-foot ladder securely bolting it at both ends. It can be moved from one part of the orchard to another very easily and stand any place without having to depend upon a limb for support."

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When you think about traveling call at City Ticket Office of the Minneapolis & St. Louis R. R. (in with the Wabash), at 512 Walnut St., where you will secure the best and latest information. Don't forget the M. & St. L. sells through tickets via St. Paul, over the Northern Pacific, Great Northern,

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PATENTS
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DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

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\$560 40 A. valley farm; 4-room house in southern Missouri. McGrath, 2940 Prairie, St. Louis.

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SYMPTOMS AND TREATMENT. RICKETS.

I have a seven-months-old boar pig that cannot use his hind pastern joints to any advantage. He has been in this condition for a month. He eats well and seems all right in other ways. Have never done anything for him.

We presume that he has broken down in the pastern joints so that he walks on his "dew claws" in which case the cause is rickets and it comes as a rule from overfeeding, especially on corn, and too little exercise. The predisposition to the trouble is hereditary. Feed slop of middlings, flaxseed meal and tankage or dried blood meal and give lime water freely once daily. Allow plenty of exercise on grass.

WART.

I have a black mare six years old that has a growth on the upper part of her eye lid. It made its first appearance about one year ago. When first noticed it was a hard lump and was not sore, but grew larger and became red and bloody. It is now about the size of a hen egg. I had it treated by a veterinarian and he burned it out with what I supposed was caustic, but it grew out in about a week. Please tell me how to remove it.

As the growth reappeared after removal it seems that it is cancerous (malignant) in which case it will prove incurable. If it has a narrow neck put a couple of small rubber bands tightly around it and they will cause it to drop off. If it is a wart it may be cured by saturating once daily with glacial acetic acid applied drop by drop. If it is cancerous the knife followed by cauterization should again be resorted to.

LUNG WORMS.

I recently lost two spring lambs and have just cut one open and find it in fine order, no worms, and all I could see was that its lungs were swollen and black. They run in good sheep pasture; are thoroughbred Shropshires. They have a fine growth for their age and have done fine until a week ago. The second one died yesterday and one more is coughing and seems sick. If you could advise me what to do or could throw any light on the matter it would be greatly appreciated.

More careful examination doubtless would show that fine thread-like worms are present in the air passages of the lungs and causing the cough and pneumonia. At once give a change of pasture and commence feeding well on oats, bran and ground oilcake. If a post mortem examination discovers the worms in the lungs the best treatment will be to inject a medical solution, for their destruction, by way of the windpipe. The following is advised: Iodin, half dram; iodid of potash, two and one-half drams; distilled water, three ounces. Rub these together then add two ounces of turpentine and six ounces of olive oil, shaking well while adding. One to two drams is the dose injected through rings of windpipe by means of a hollow needle and hypodermic syringe. Injection may be

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Chloro-Naphtholeum Dip

proves its worth before you pay for it. I will send you a gallon, express prepaid, for a two-weeks' trial. If it doesn't kill hog lice in two weeks, you don't owe me a cent. Isn't that fair?

Won't you try a gallon at my risk? (If you are located west of the Rocky Mountains, you must pay freight charges.)

E. TAUSSIG, Pres. West Disinfecting Co., 21 E. 59th St., New York City

Advance Fence is Woven--Not Put Together

The stay wire runs through our fence continuously up and down for many rods without end—can't pull off at top or bottom under strain. Try this fence 30 days free. We pay freight. Return it at our

ADVANCE FENCE CO., 3483

expense if not what you want. That's fair, isn't it? Send for our catalogue; it shows details of construction—quotes manufacturer's prices—that saves you the dealer's profit. Write today.

OLD STREET, PEORIA, ILL.

repeated in three or four days, the number of injections depending upon the severity of the disease.

LAMENESS.

I have a gray mare nine years old that has been lame since last spring. On her left hind leg I think she has her tendons sprained. There are soft puffs around, or a little above the fetlock. I have used liniments, but they failed to do any good. Would it be advisable to blister these puffs? If so, what with and how often?

It is highly improbable that the wind puffs referred to are the cause of lameness. They might cause it when starting but as the mare is nine years old the puffs doubtless have been there for some years. If you are sure, however, that the part involved by puffs is the true seat of the lameness it certainly would be good practice to remove the hair and apply a blister.

CAPPED HOCKS.

(1) What remedy would you recommend for capped hocks? I have a colt with some. (2) Also have a mare colt with an enlarged navel. The sack seems to have a tube in it, but it can be pushed up into the abdominal wall, but will come back again. It is not sore. (3) I have a horse that is lame in one hind leg. No ailment can be seen, but he seems to flinch when the hand is rubbed along the inside of the leg high up. (4) I have a sheep that is now very poor and soon will die. Some time ago I noticed a lump just above the nostril nearly as large as a pigeon egg, and on opening it I found it to be full of thick matter. The upper lip was flat and very hard. The lip is better, but she has had several of those lumps since on different parts of the head. I never saw anything of this kind before.

(1) When of long standing they cannot be removed. Remove hair and rub in iodine ointment each other day. Horse should occupy a box stall. (2) Have the local veterinarian treat the case by applying wooden clamps in usual way. (3) We are unable to prescribe treatment for lameness the location of which is unknown. Such cases require expert examination by qualified veterinarian. (4) Sheep occasionally are afflicted with ac-

FENCE Strongest Made

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today.

COILED SPRING FENCE CO.
Box 20, WINCHESTER, INDIANA.

tinomycosis (lumpy jaw) and this may be a case of that sort. It is not worth treating and you will not likely have a similar case to deal with.

BLOODY MILK.

We have a red cow ten years old, fresh in April. For a month past she has had one bloody teat. The milk is red and full of large clots of blood. So far, I have been able to strip it out clean. What can I do for her? Would you advise drying her up? Milk from other teats seems to be all right.

A small blood vessel has ruptured in affected quarter and the cow may be otherwise perfectly healthy. It would not be well to dry her off before treatment has been given for cure of abnormal condition. Physic her with a pound of epsom salts, one ounce of powdered ginger root and one ounce of powdered salt-peter in three pints of warm water. Follow with two drams of dilute sulphuric acid in drinking water twice daily. Bathe udder twice daily with cold water then with a lotion composed of two drams each of powdered alum and dilute sulphuric acid in a pint of cold water. Mixing one dram of dried sulphate of iron and three drams of common salt in the feed every night for about eight days sometimes has a fine effect in remedying this condition.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

OUR DAIRY DEPARTMENT

ALL communication relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

PREPARING FOR THE FALL CALF.

During the remaining weeks of the year many cows will freshen. It is a most unfavorable time for their offspring to begin careers, when the raw weather at this season keeps their little forms humped up and shivering through the whole day, unless a thoughtful owner has provided for them rightly and they can find comfort a few hours each day in a sunny location.

Nothing will pay better than to have calves properly housed for the winter, and by this we mean well-bedded quarters with a south front and a small yard to themselves where, perhaps, they can bask on the warm side of a straw stack. Under such conditions they will possibly escape many of the troubles incident to calfhood. Drafts in the stalls are to be avoided, and a pen separated from the other stalls by a tight partition only five feet high allows of plenty of air without drafts.

On the point of feeding, we would simply encourage a little extra effort on the part of the owner to keep the racks regularly filled with the best hay and fodder he can find. The stomach of the young calf is peculiarly sensitive, as many men have learned to their sorrow, and a little extra trouble in keeping clean, sweet-cured forage before the calves will make better yearlings of them. If scouring could be avoided in the calf lot, there would be more yearlings nearer the nine-hundred than the six-hundred-pound mark. And how may this evil be avoided? By regular feeding, in uniform amounts, of whatever is fed, grain or skim milk. The loss from bloating and derangement of digestive apparatus, through indifferent methods of feeding, especially with skim milk, accounts largely for the complaint we hear about the small profits in the cattle-feeding business for the man who raises his own steers.

There is nothing that will add so much to the pleasure of raising calves as an arrangement of stanchions, one for each. They are easily made, allowing two feet for width and three and a half feet for height. Inch stuff will do, and the two uprights are of four-inch boards hinged at the bottom with a spike, and hooked

We Guarantee to Save You \$20 to \$50 on the High Grade DAVIS Cream Separator.

We are the nine Davis Brothers—the cream separator makers you have heard so much about.

We were brought up on a Wisconsin farm where we learned the dairy business practically—from A to Z, every fact and detail of work and care. That was under the old system, the hard, slow, extravagant way.

About 20 years ago we began manufacturing cream separators. We saw the need of better methods and we set ourselves diligently to work to perfect them.

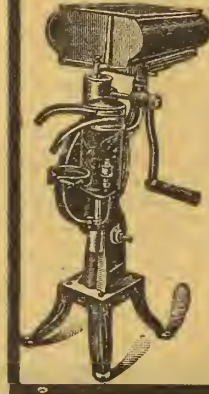
We have made thousands of separators ourselves, and we have examined and tested practically every other good separator made. We have seen our machines at work, some five years, some ten, some fifteen years. Of course we have learned some lessons.

The 1907 Davis results from our twenty years of experiment, our united efforts, our observations—all based on our intimate, practical knowledge of dairy needs and requirements.

Our 1907 model is a beauty. It's an easy runner. You know what that means. Your hired man or son will want to turn it.

It's easy to clean. And it's guaranteed to produce high testing cream so you are sure to get the highest price. Within the last year creamery companies began paying higher prices for cream testing 30% and higher. You are sure to get that with the Davis.

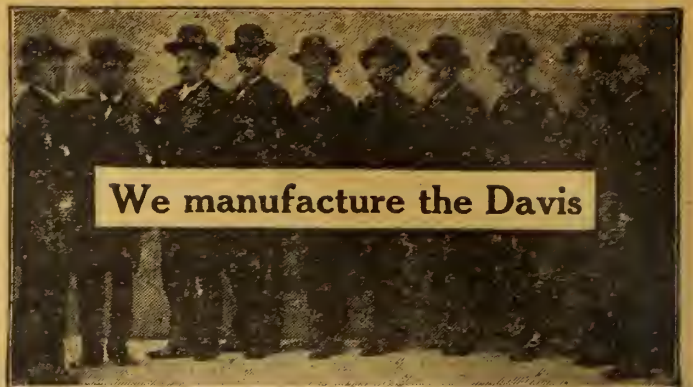
We are able to sell the 1907 Davis under one of the strongest guarantees ever made. Read it in our latest catalog.



Buy from Factory at Factory Prices.

One of the most remarkable things about the Davis is the low price at which it is sold.

DAVIS CREAM SEPARATOR CO., 54-L North Clinton St., Chicago, U.S.A.



We manufacture the Davis

B. J. DAVIS AND HIS NINE SONS

We said we would save you \$20 to \$50. Of course we had reference to high grade separators, machines of a capacity to do your work properly, machines that are made of the best materials, by expert mechanics and built on right principles—machines that claim to be in a class with the 1907 Davis—on such machines we can and do guarantee to save you \$20 to \$50 on the price.

Why? Because we sell you direct from the factory at factory prices.

Because there are no wholesalers', jobbers' or state agents' commissions and no travelling men's expenses to pay.

Because we are the actual manufacturers, have our own factory, use our own capital and superintend personally the making of every machine.

Because we are satisfied with a reasonable manufacturer's profit.

You have only to compare prices of the 1907 Davis with other standard separators to prove for yourself the saving we claim.

Is this saving worth while?

Paying the higher price to get a separator through jobbers, etc. does not make the separator better. You might as well have that money yourself. You can get no better separator than the new 1907 Davis at any price.

We are ready to talk separators to you. We want to help you decide the question. Our money saving catalog will aid you. Merely send letter or postal saying, "Send me your Money Saving Catalog No. 118 free of charge." It will go to you by return mail. Address,

at the top with a block. With all new boards, the cost for ten stanchions will be about \$5. With five pails, the milk can be measured out and fed in equal portions. Under such conditions a small boy can do the work properly where a man finds his hands full in a loose bunch of hungry calves. Nothing will so effectually prevent and overcome the sucking nuisance. It may take the calves a few days to learn their places, but they will soon catch on. A little bran and ground grain placed before them following the milk gives the youngest one an equal chance for his portion, and a half hour later when the stanchions are loosened there will be little or no desire to suck.

Dairy Helps.

To the Editor of The Homestead:

All of us who live in the blue-grass country of Kentucky think there is nothing equal to our milk, cream and butter, yet I can truly say that I have seen butter made in our far-famed, much-loved state that was not first-class butter. The parties who sold the product were painstaking, conscientious people, but made the mistake of keeping the rich cream too long and let it get old before churning. This is a very serious mistake; hence the great necessity of warding it off.

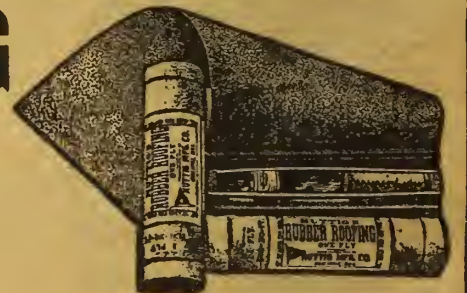
Milk and butter take on impurities quicker than any other product. You should wash your butter-bowl and churn out in a warm suds of rain water and gold-dust, and it will keep them sweet and clean and pure. Sun and air are the best disinfectants. One friend who kept her engagement in St. Louis for years said she washed her butter-bowl thus, also churn and dairy vessels. She also said that she wrapped her balls of yellow butter in a clean white cloth, first dipped in a weak solution of borax water, so if handled or touched it could take on no impurities. My friend got fifty cents a pound for her butter the year round. Kentuckian.

The Heifer & Her First Calf.

To the Editor of The Homestead:

Pregnancy marks a critical period in the life of the dairy animal. The cow that has once passed through the experience safely will generally have no trouble afterward if given reasonable care. With the young "touchy" heifer for the first time about to come fresh it is different, and a little effort on the part of the owner in making her conditions favorable for a safe delivery of the offspring will be about the best thing that can be done to insure some degree of usefulness from her in the future. The treatment that the young heifer receives the two weeks before and the same time after her first calving will greatly influ-

ROOFING THAT WILL LAST.

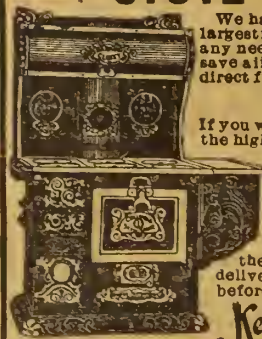


What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.

Call for Booklet B.

1/2 THE PRICE IS WHAT YOU SAVE WHEN YOU BUY A RANGE, COOK STOVE OR HEATER FROM US



We have all kinds from the smallest laundry stove to the largest range and the finest base burner. We can supply any need in the stove line at the lowest factory prices. You save all the jobbers, dealers or peddlers profits by buying direct from us.

30 DAYS FREE TRIAL

If you wish, in your own home, an opportunity to judge of the high quality and the low prices. You take no risk. We will pay all the freight charges if you are not satisfied with your purchases. We have our own big factory making our stoves and every one is

GUARANTEED FOR FIVE YEARS

You do not have to wait; we have all our stoves in Kansas City. We are ready to fill your orders the same day they are received. We guarantee safe delivery. Our big catalog is ready for you. Do not buy before getting our catalog and prices.

Kemper-Paxton Mercantile Co. 913 Hickory St. KANSAS CITY, MISSOURI.



Big Catalog Mailed Free—Write Now

MILK CANS ROB YOU

Look through a microscope at milk set to cream in pans or cans and you'll see how they rob you. You'll see the caseine—the cheese part—forming a spidery web all through the milk. You'll see this web growing thicker and thicker until it forms solid curd. How can you expect all the cream to rise through that? It can't. This



caseine web catches a third to half the cream. You stand that loss just as long as you use pans or cans for they haven't enough skimming force to take out all the cream. But, just the minute you commence using Sharples Dairy Tubular Cream Separator, you stop that loss.

Sharples Dairy Tubular Cream Separators have 10,000 times more skimming force than pans or cans, and twice as much as any other separator. They get all the cream—get it quick—get it free from dirt and in the best condition for making Gift Edge Butter. Caseine don't bother the Tubular. The Tubular is positively certain to greatly increase your dairy profits, so write at once for catalog I-121 and our valuable free book, "Business Dairying."

The Sharples Separator Co. West Chester, Pa. Toronto, Can. Chicago, Ill.

ence her future value. A sudden fright at a dog or an unusual sight may cause her calf to be thrown. Abusive treatment for one or two of the first milkings may develop some vicious habit that will not be easily forgotten and may spoil her for good.

Many a small boy whose duty it is to drive up the kine well knows what it is to handle the skittish heifer. If she acts mean, her position is fully warrantable, for her position has been

changed from a care-free heifer to full maternal responsibilities.

Then follows the trial for the milker, and if she is nervous and sensitive it will require the best hired man's patience to get along without losing his temper and resorting to rough treatment. This is the time to keep cool.

There is a way to avoid all this trouble. Get acquainted with the maturing heifer, place her early in the herd of milk cows if she is in the far pasture

with the stock cattle, and watch that no harm befalls her in her new relation. Pastures have been short this fall and the young heifer may be thin from the double demand on her system for her own requirements and those of the embryo, so that a little grain in the stable will prove very enticing, and often in this way a young heifer will fall into the management of the herd without the least difficulty. One may be tempted to feed her heavily now, but it is not a good plan, as the system may become deranged. She is probably not used to grain and a few pounds of mixed grain daily with bran in addition will answer the purpose. A place to herself in the yard or stable, where the whole farm will not view her distress, access to water to ease her fever and perhaps a bran or mixed grain mash, if convenient, will bring her through the first experience, and thus contribute to her usefulness as a cow. L. E. Troeger.

OATS AND BRAN FOR MILK COWS.

The high protein content of oats combined with other good qualities, gives it a high rating as a grain feed for milk cows. In many parts of the country where it returns large yields per acre, it is a cheap source of protein. When oats are high, however, and bran can be purchased at a reasonable price, it often is better to sell the oats and feed the mill product.

There is a close similarity between oats and bran in their analysis and their value for feeding. One experiment is on record where whole oats were ground and gave 10 per cent better milk and butter-fat returns than bran. Of course, bran is quite variable in its analyses, so that this result could only be considered as indicative. However, the above experiment does not disagree much with general opinion.

Bran, that is wheat bran, derives its high value from the fact that it contains a larger amount of digestible protein and ash than any of the common grains. Besides, it adds bulk to a heavy grain ration; for example, corn meal, and is a natural laxative—two points considered by many to represent the best properties of bran.

Comparing the analysis of oats with that of bran we find that for every hundred pounds of weight, bran furnishes three pounds more of digestible protein and nearly the same amount more of ash. While it is somewhat short on fat content we will not consider that fea-

ture, both of these feeds are used primarily for their ash and protein, principally the latter, and other qualities mentioned before. Let us compare the two feeds on a protein basis alone, placing the cost of this element at three and three-quarters cents per pound. This is what protein costs in feeds where it comprises a large part, as for example in cottonseed meal. Just on a protein basis, therefore, bran is worth nearly twelve cents more per hundred pounds than oats. Thus, if the cost of bran is ninety cents per hundred, oats would be worth twelve cents less, or practically twenty-eight cents per bushel. With bran at eighty cents, oats would equal it at twenty-five cents.

It must be remembered that this comparison has been based solely on protein basis. While we think that is the point on which to make the most representative comparison, there are other things to be considered; for example, the cost of marketing the oats and hauling back the bran. This expense would allow oats to be two or three cents per bushel above their value compared with bran, before the change would be profitable. Then in turn this expense might be offset by the superior property of the bran in giving bulk to the ration of grain and keeping the digestive apparatus in tone. Ash is low in many rations and as this is a very necessary element in the making of milk, the large percentage in bran is a point in favor of the mill product.

From the above we do not wish to give the impression that when the price admits, bran should wholly replace oats, for we should always wish to feed several pounds of this unexcelled grain for milk making. But suppose oats are worth twenty-eight cents per bushel and bran eighty cents per hundred, it is quite likely that the farmer any reasonable distance from market could buy and feed bran freely, especially if no clover hay or other roughage high in protein could be fed. The following ration will illustrate our point. It is intended that corn stover and clover hay be fed freely for roughage in conjunction with this grain ration: Three pounds corn-and-cob meal, two pounds oats and six pounds bran; this amount to be fed daily to a cow weighing 1,000 pounds. Though a trifle below the standard set for protein, this ration will be economical and conducive to the thrift of the herd. If clover hay is not obtainable, then one or two pounds of cottonseed meal or linseed meal must be added. Some careful breeders would not be without bran whatever it cost, but the farmer not making a specialty of dairying must be economical and use feeds of his own raising as largely as possible.

The Schaefer Short-horn Sale.

The sale of Short-horn cattle made by Messrs. F. A. Schaefer & Son, of Raleigh, Iowa, on October 17th, attracted a great many breeders and a nice local attendance to take the plainer-bred cattle. The offering was particularly good, there being some splendid Scotch cattle in the sale. We called attention in our field notes preceding the sale to his herd bull, Choice of Archers, and every breeder present was loud in his praise of this grand young bull and his get. As a breeding bull he has few equals in the state, and his calves were a surprise to those who attended the sale. Cows bred to him or those having calf at foot were in good demand. The top price of the sale was \$330 for Imp. Celia 9th, and she went to Mr. W. J. McLean, of Rock Valley, Iowa. The yearling bull, Sittytton Archer, a son of Choice of Archers, sold for \$285 to Mr. J. B. Savage, of Mountain Lake, Minn. He was a particularly good young



A Very Lame Excuse

Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

You prevent all this waste by using an

Iowa Dairy Separator

What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address,

The Iowa Dairy Separator Co., Waterloo, Iowa.



One of the big Polands owned by Mr. E. F. Escher, of Manning, Ia. See field notes.

WORLD'S BEST BUTTER FROM DE LAVAL CREAM

Cream skimmed by a DE LAVAL separator can be made into butter SUPERIOR to that which can be made from cream skimmed by any other separator or system. This is the FACT—the proof of which grows more and more conclusive each year. Following is a list of the more important STATE FAIR FIRST HONORS awarded DE LAVAL users during 1906:

OHIO—Conover Creamery Co., Greenville.....	Score 98
INDIANA—Ray & Arnold, Logansport.....	" 97
ILLINOIS—W. J. Kane, Morton.....	" 97
WISCONSIN—W. J. Clark, Troy Center.....	" 97
MINNESOTA—M. Sondergaard, Hutchinson.....	" 98
IOWA—R. Kerganther, Northwood.....	" 98½
SIOUX CITY—C. J. Rohde, Manchester, Iowa.....	" 99

Of special note are the awards made at the Ohio State Fair where the highest score of 98 went to butter entered by the Conover Creamery Co., of Greenville, MADE FROM DE LAVAL HAND SEPARATOR CREAM, while the butter receiving the second highest score of 97 was also made from DE LAVAL HAND SEPARATOR CREAM by the Glen Echo Creamery, of Springfield. Here, as in many instances, we have a practical demonstration of how much the DE LAVAL separator means in both creamery and farm separation.

All highest awards in every contest of the National Butter-makers Association, from 1892 to 1906, including the great Dairy Show in Chicago this year, have been won by users of DE LAVAL machines. The butter receiving highest score at the World's Exposition in Paris in 1901 was DE LAVAL made, as was also the Grand Prize butter of the St. Louis World's Fair in 1904. A DE LAVAL catalog will help to make plain why DE LAVAL cream is superior. Write for it today.

THE DE LAVAL SEPARATOR CO.

Randall and Canal Sts.,
CHICAGO
1213 Filbert Street
PHILADELPHIA
9 and 11 Drumm St.
SAN FRANCISCO

General Offices:
74 CORTLANDT ST.
NEW YORK.

100-113 Youville Square
MONTREAL
75 and 77 York Street
TORONTO
14 and 16 Princess Street
WINNIPEG

bull, and the bidding was very lively on him. The forty-one head averaged \$112, including a lot of young bulls and heifers. Colonel Bellows cried the sale, assisted by Mr. George Brown, of Indianola. Below is a list of those selling for \$100 and over:

COWS.

Orange Lily, six years, C. C. Bigler & Son, Hartwick, Iowa.....	\$190
Imp. Celia 9th, six years, W. J. McLean, Rock Valley, Iowa.....	330
Lauretta, one year, H. H. Powell, Linn Grove, Iowa.....	130
Duchess of Gloster 4th, eight years, J. B. Savage, Mountain Grove, Minn.....	155
Mildred of Enterprise, one year, Walpole Bros., Rock Valley, Iowa.....	165
Geranium 5th, two years, J. H. Graham, Spencer, Iowa.....	150
Geranium 6th, one year, C. C. Bigler & Son.....	100
Orange Beauty, one year, M. J. Groves, Estherville, Iowa.....	200
Lady Lavender, two years, Wm. Jackman, Emmetsburg, Iowa.....	125
Mina's Oxford Duchess, three years, W. J. McLean.....	135
Minnie Oxford, three years, J. B. Savage.....	130
Roan Beauty, seven years, W. H. Toot, Estherville, Iowa.....	100
Rene Rose 2d, three years, J. B. Savage.....	140
Oro 5th, six years, W. H. Foot.....	110
Sittytton Rosamond, four years, J. H. Graham.....	125
Victor's Rosamond, one year, M. G. Groves.....	100
Jane Eyre 2d, three years, Wm. Jackman.....	130
Scotch Lass 6th, three years, W. J. McLean.....	105
Lalla Red, three years, W. J. McLean.....	130
Daisy Warren, five years, J. B. Savage.....	135
Gentry's Oakland, five years, H. H. Pow-	

Are You DEAF?



I was deaf myself for 25 years. I perfected and patented a small, invisible ear drum in order to help my own hearing. It is called "The Way Ear Drum," and by the use of these drums I can NOW HEAR WHISPERS. I want all deaf people to write me. I do not claim to "cure" all cases of deafness, neither can

I benefit those who were born deaf. But I CAN HELP 90 per cent of those whose hearing is defective.

Won't you take the trouble to write and find out all about me and my invention? Tell me the cause of your deafness. Geo. P. Way, 1049 Majestic Bldg., Detroit, Mich.

ell.....	110
BULLS.	
Sittytton Archer 253390, one year, J. B. Savage.....	235
Fancy Boy 252671, one year, H. A. Miller, Spirit Lake, Iowa.....	102.50

The Wehr Duroc-Jersey Sale.

The sale of Mr. J. E. Wehr, at Portsmouth, Iowa, on October 20th, made an average of \$25, including the little and the big. Below is a list of those selling for \$20 and above:

No.	Price.
1. Boar, C. W. C. Brandon, Portsmouth, Iowa.....	\$46
2. Boar, B. F. Roland, Portsmouth, Iowa.....	50
4. Boar, C. R. Gearhart, Harlan, Iowa.....	60
5. Boar, P. Carey, Portsmouth, Iowa.....	33
6. Boar, same.....	22
7. Boar, H. W. Martin, Missouri Valley, Iowa.....	27
8. Boar, L. W. Carson, Tennant, Iowa.....	25
11. Boar, Max Martin, Portsmouth, Iowa.....	22
14. Boar, James Nash, Portsmouth, Iowa.....	23
16. Boar, Jno. Shering, Earlring, Iowa.....	22
17. Boar, C. C. Cooper, Portsmouth, Iowa.....	25
19. Boar, Nick Gaul, Earlring, Iowa.....	30
21. Boar, Jas. Kearn, Shelby, Iowa.....	21
25. Boar, James Gregory, Harlan, Iowa.....	26
28. Gilt, Isenbarger Bros., Battle Creek, Iowa.....	21
29. Gilt, R. J. Harding, Macedonia, Iowa.....	27
38. Gilt, James Nash.....	25

The bumblebee crop is reported short in some localities which has had a great deal to do with the cloverseed crop. The bumblebee has its place in the economy of nature.

Macbeth's Index to Burners and Lamps is important; it tells what chimney to use on every burner and lamp in use, to get good light and avoid any smell or smoke. It is important, besides, as a good example of showing how to make one's business as useful as possible to one's customers.



... \$2.00 ...



AND THIS ADVERTISEMENT WILL SECURE YOU THE

Des Moines Capital

FOR THE YEAR 1907.

This is the Capital's Ninth Annual Bargain Day Offer (Good this Year from December 21st to 28th inclusive).

THE REGULAR PRICE OF THE CAPITAL IS \$3.00 A YEAR

TO secure the above offer, simply make your remittance on any day during the week of December 21st to 28th inclusive, the anniversary of Iowa's admission to the Union as a State. Money may be sent by check, draft or postal money order. The Capital is Iowa's greatest newspaper. Sample copies will be sent upon application. We urge our readers to take advantage of this wonderful newspaper offer. Address,

..... **THE DES MOINES CAPITAL, LAFE YOUNG, PUBLISHER**

**WRITE YOUR NAME
AND
ADDRESS HERE.**

Name _____
Post Office _____
Street _____

**ARE YOU NOW
A
SUBSCRIBER?**

HORTICULTURAL TOPICS

This department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Whitewash as a Protection Against Winter Killing.

To the Editor of The Homestead:

A Canadian firm engaged in the manufacture of spraying machinery advocates a coating of whitewash as a protection for peach trees against winter killing and reports some very satisfactory results from experiments with its use carried on in Ohio, New York and Southern Canada.

Strange as this idea may seem, it is not without a reasonable basis. The damage occurring through winter killing is not due to steady, cold weather, but to a cold wave following a warm period which has started the sap flowing and made the buds swell. The futility of endeavoring to keep the tree dormant by retaining frost about the roots is shown from the fact that a twig from any fruit tree may be made to blossom in the dead of winter (if it bears fruit buds) by removing it to a sunny window in a heated room. This shows that conditions favorable to blossoming will cause the buds to push forward wholly independent of the condition of the roots.

On the other hand, if the tree can be kept cool the buds will remain dormant. So long as the temperature within the tree is kept below a certain degree the sap will not start nor the buds swell. Hence is the practicability of whitewashing the trees.

White, it is known, reflects the sunlight and heat. White garments are more comfortable than any other color in the summer time. Greenhouse men paint their glass white in hot weather in order that the heat of the sun will not penetrate the glass. This is more satisfactory than any covering or screen that can be used. Upon the same principle, trees that have been whitewashed, trunk, branch and twig, may be expected to remain more dormant during a Feb-

ruary thaw than any which retain their natural color.

This method has not been tried here to our knowledge, but it commends itself as worthy of trial, and if it proves successful it will mean much, not only in the growing of peaches along the northern line of the peach industry, but also in the growing of other fruits more hardy than the peach, but which more or less frequently suffer from having a period of untimely growth before the last cold weather has come.

For the application of whitewash to trees a sprayer fitted with Vermorel nozzles is the best apparatus to use. For a very few trees a brush could be used, but one would not want to cover many trees in this way. The work should be carefully done and the entire tree covered evenly.

To make a barrel (fifty gallons) of whitewash, ten pounds of good, fresh lime should be slacked, care being exercised that it does not burn. When thoroughly slacked it should be washed through a fine sieve with abundant water and the amount of the mixture finally increased to fifty gallons.

The use of glue is advocated in connection with the whitewash and it may be found practicable on account of the adhesive properties. Half a pound of glue should be dissolved in a little hot water in the usual way and added to the whitewash mixture after it is prepared, stirring briskly the while.

The work of going over the trees may be done at any time after winter has set in. If there are winter rains it may be necessary to repeat it. It must be remembered that a freeze late in March more often destroys peach buds than any other cause and a little negligence at this time in allowing the whitewash to be washed off may undo the results of careful work which has brought the trees through the winter safely.

Polk county, Ia. Franklin Brown.

Experience in Picking Seed Corn.

To the Editor of The Homestead:

I have been much interested in the discussion going on in your paper relating to the seed corn problem. I have gone into the corn field early in Sep-

GRAIN FREEMAN BROS. & CO., HAY

COMMISSION MERCHANTS.
Established 1886, 68 Board of Trade, Chicago.
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

tember and picked the early ears, some being dented and some just denting. I tied the husks together and hung up under the porch roof on wires put there for that purpose. The corn was left there all winter and germinated all right when planted. If you have a late variety of corn this practice is all right, but by so doing you get a smaller and earlier corn. I always pick some later when I husk the first week or two. I put a little box on my wagon and when I come to a good ear growing on a good stalk and hanging right, I put it in my box. Some days I get fifty to one hundred ears of the very best corn in the field.

I put my seed upstairs in racks and have the windows open until it is thoroughly dry. The room is warm, as we always have a fire below. Before moving here I lived on a rented farm and had no seed corn room, so I hung the corn under the porch, as I said before.

The time to pick corn depends largely on how dry your corn is when frost is liable to come and where you put it when it is picked. My experience is that I get the best seed from corn picked in the early husking. By all means do not pick your seed out of the wagon if you want corn of a uniform height of stalk and ear. How can you tell whether it grew four feet from the ground or six? Try to pick ears of a good type, straight rows, deep kernels, good color, good tip and butt. These are hard to find, but they are the kind to raise. I would like to hear from others on this subject.

Bureau county, Ill.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for five years.

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to

MONEY SAVING CLUB OFFER.

Greatest Weekly - - The Breeders' Gazette
Greatest Daily - The Chicago Live Stock World
BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address, Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

WANTED--A BRIGHT MAN with light team, as salesman in your own locality. No experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Tea Co., Box X, Winona, Minnesota.

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits--Black Ben, King David, Delicious, etc.--Stark Bros., Louisiana, Mo.

TREE MEN WANTED To represent us in Iowa and adjoining states. Good winter's job and steady employment for 200 honest hustlers. Outfit free. Liberal terms. Pay weekly. Reference required. Des Moines Nursery Co., Des Moines, Iowa.

WANTED Salesmen to introduce the world's wonder in fruits. Burbank's new stoneless plum (miracle). Choice of territory. Cash weekly. We give the best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. N. H. Adams & Son, Decorah, Iowa.

USE our Loader for hauling **CORN FODDER** Hawkeye Co., Ia. City, Ia.

points as far north as Bristow, New Hampton and Oneida and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer C. T. A. 514 Walnut St., Des Moines, Iowa.

ADDITIONAL FIELD NOTES.

A SNAP IN SCOTCH AND SCOTCH-TOPPED SHORT-HORNS.

On account of the severe drought in the vicinity of Unionville, Mo., Mr. A. C. Berry, of Unionville, Mo., is offering thirty head of pure Scotch and Scotch-topped Short-horns at a price that should move them quick. The helpers are by Imp. Mutineer and out of Mr. Berry's best cows. In addition to the thirty head of females Mr. Berry is offering eight pure Scotch bulls and nine Scotch-topped fellows. Here is an opportunity for some man who has the feed to step in and get a herd of cattle that will do him good from the start. The families represented are Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. When buying, Mr. Berry has always bought the best blood to be had. Several of the cows are from imported stock; others are close descendants of stock that has done much for the Short-horn interests of the country. In last week's issue we gave the breeding of the bull, Imp. Mutineer, that heads Mr. Berry's herd. Several of the bidders are daughters of this bull and the young bulls are all by him. The cows are all in calf to his service or have young calves at foot by him. A representative of this paper has seen Mr. Berry's herd on several occasions and we do not hesitate to say that it is a working herd and a herd that will be found worthy of consideration by those who want Short-horns that are bred right and that are good producers. If any of our readers are in the market for Short-horns it will pay them to investigate this proposition now, as Mr. Berry is ready to sell and will make such a price on the entire lot as should move them at once. See page 28 for advertisement and if interested write Mr. Berry at once, mentioning this paper.

BAXTER'S DUROC SALE—LAST CALL.

Breeders who attended the Illinois State Fair this year will agree with the writer representing this paper that it is seldom that as strong a class of aged boars appears at any show. Among the number was Buddy K. IV., owned by Mr. Ed A. Baxter, of Pawnee, Ill. In 1905 at the Illinois State Fair Buddy K. IV. stood first in class and was champion. In 1906 at the same show he stood second in aged class and had improved much over the previous year. Buddy K. IV. weighed 1,035 pounds, was as smooth as an apple and stands on the best of feet and legs. He has a back that is equaled by few boars, and is in that respect beaten by none. Mr. Baxter has included in his fall sale, which will be held on Thursday, November 1st, about thirty fall and spring pigs of both sexes, sired by this noted boar. We wish to call attention this week to some of these in order that the readers of this paper may have a definite idea as to this noted offering. A two-year-old sow by Buddy K. IV. is My Choice 103800. She is sold for no fault, simply to make the offering attractive. She has raised two fine litters of pigs, nine in each litter, and Mr. Baxter has put it right when he says, "This sow will make more money in one year than four \$50 cows for the owner." A very fine yearling sow is Lady Cross. She was sired by Gem's Top Notcher, a grandson of Top Notcher. This sow raised a litter of seven nice pigs out of nine farrowed during the month of March. A yearling sow that will attract attention in any company is Trone's Best. She was sired by Milton Orion, bred by the World's Fair winner, Orion, Ill., now at the head of Mr. Ira Jackson's herd. The dam was Ohio Belle by Ohio Chief. The blood lines show a combination of Orion II and Ohio Chief blood, the kind that produces the winners. Three fall yearlings that will attract attention are found in Nos. 10, 11 and 12. They are sired by Buddy K. IV. and are out of Sanborn Red by Waneta Hub #215, one of Mr. Baxter's best brood sows. Two October yearlings are included by Buddy K. IV. and out of Ohio Girl. One that is particularly attractive is by Buddy K. IV. and out of Lady Krash 71210 by Prosperity Bill. This fall sow is unusually lengthy and yet has a very fine back and loin. Buddy K. IV. fall boars are very scarce, but Mr. Baxter has included two very fine ones, Nos. 24, and 26. A litter brother went to Mr. Stevens, of Maynard, Minn., at a very good figure, and Mr. Maynard was well pleased with his

purchase. Two boars by Golden Echo and out of Helen Blazes IV., litter sister to Helen Blazes III., the \$1,000 sow owned by Mr. Roach, are included in this offering. They are very good boars, fit to head some good herd. Two boars and a sow that are sure to please some good breeder are by Buddy K. IV. and out of Tip Top Notcher Baby 71202, she by the grand champion boar, Tip Top Notcher. These pigs are as good as their pedigrees, and no better one was ever written. Some breeder who is in the market for a herd header should not overlook these two boars. Plan to be present sale day. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Write for catalogs as per the advertisement on page 33, mentioning The Homestead.

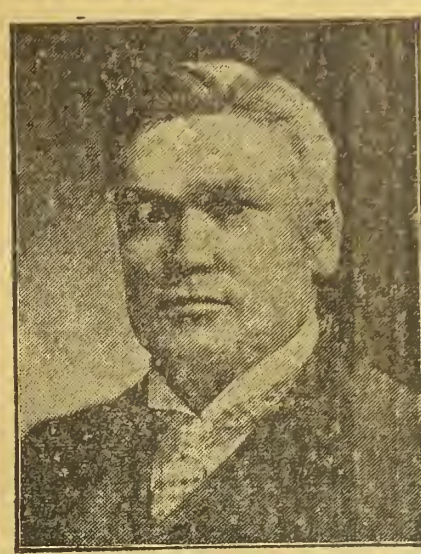
MCCNEIL BROS.' DUROC SALE.

When Messrs. McNeil Bros., of Bowen, Ill., bought Hanley at \$310, and later refused \$1,250 for him, there was much curiosity on the part of the breeders as to whether or not the investment paid. Messrs. McNeil Bros. know that the investment was a good one, for the crop of pigs sired by this boar are equally as good, if not better, than the majority of pigs the same age. The writer has seen many Hanley pigs and has for the first time to see a poor one. The offering is liberally sprinkled with the breeding of this great boar. One of the attractions of the sale is a May yearling boar, Kruger Boy, by Kruger, Mr. Ira Jackson's great breeding boar, and a prize winner at the World's Fair. This boar should go to head some good herd. Four boars by Hanley of March farrow, two out of Armide Demish 41928 and two out of Maple Grove Queen, will suit the buyer looking for a herd boar. Two March 17th boars by Tip Top Notcher and out of Golden Hatty by Major R. and a February boar by Tip Top Notcher furnish boars that will please anyone. The April boars by Big I Am and out of Bella Hanley by None Such are strictly herd headers of the right sort. The gilts in the sale are equally as good as the boars. Three litter sisters to boars first mentioned above are very fine. Three January gilts by The Great Conqueror and out of Florence Nightingale II. by Denver will please breeders present sale day. Four fall gilts of September farrow should not be overlooked, as they will do well in any company. Four April yearling gilts by The Great Conqueror should go to good herds. There are a number of spring and fall yearlings that are looking very fine and will do well for the parties buying them. Plan to attend this sale and secure something well bred and of good individuality that will make you money. Send bids to Mr. D. M. Pierce, representing The Homestead, if unable to be present sale day. The announcement appears on page 33 of this issue. Write for catalog.

KRASCHER'S DUROC SALE—LAST CALL.

The uniformity, quality and breeding of the Duroc Jersey offering of Messrs. Fred Krascher & Son immediately attracts the attention of breeders who are in the market for good stock. The prize winnings to the credit of this herd have not been made in slow competition, but in as strong shows as the breed produces. This week we wish to call attention to some of the more noted individuals of the offering, but before doing so we wish to call attention to the stock bred by Messrs. Krascher. They bred Buddy K. IV., the first and champion boar at 1905 Illinois State Fair, and second prize aged boar this year, being defeated by Commodore, one of the greatest show hogs the breed has ever known. There are a number of very good herds throughout the middle West whose herd headers were bred by Messrs. Krascher. History repeats itself. Who knows but that in the 1906 sale some boar will become the champion at Illinois State Fair in 1907? The females are equally as good. They are of the breed type and combine quality and size. A March 9th litter by Mayor Jr., first-prize boar of 1905, and out of Buddy T. Belle, she by Buddy T., the sire of Buddy K. IV., consists of four sows and

HAVE YOU CATARRH?



DR. T. F. WILLIAMS

gives me strength. My stomach no longer bothers me and that blessed inhaler. It is certainly wonderful. Why, it relieved me just as soon as I began to use it, and it was scarcely any time until there was no sign of catarrh in my head. And you know I was in a terrible shape. That awful smell has left me altogether. I am now in splendid health, and am glad to say I need no more medicine. I don't think there is any other kind of catarrh cure as good as yours as there is 50 different kinds, if one. You are welcome to use my testimonial whenever, or wherever you want to. I feel as though you have saved my life and shall be very grateful to you.

I wish you continued success.

MRS. FRANK LE BEAU, P. O. Box No. 7.

Cut out and fill in this coupon and send it today; do not waste your time and money on experiments, but investigate the known cure.

FREE TREATMENT COUPON

DR. T. F. WILLIAMS, 211-218 Crocker Bldg., Des Moines, Iowa.

Please send me without charge your book on Catarrh and symptom blanks with a view to my taking a month's free treatment.

Name.....

Address.....

a boar, and he is a handsome fellow, too. Buddy T. Belle won third in class at Iowa, 1905. This litter is a very good one. A boar and sow by Buddy T.'s Best 42431, the 500-pound yearling at the head of the well-known herd of Messrs. L. W. Cross & Son, of Mason City, Ill., will please the buyer who is looking for a good, strong pig. A March 13th boar by Gold Cloud and out of Esther K. II. by Buddy T. is a fine one, and well enough bred for any one. His sire was a champion at Illinois State Fair in 1904 and his dam is a half-sister to Buddy K. IV. A litter of April pigs by Gold Cloud and out of Prosperity Bella is an attractive one. This litter are full brothers and sisters to Gold Standard, the third-prize junior yearling at 1906 Illinois State Fair. A full brother to the second-prize boar pig at Illinois State Fair, 1905, and one of very fine make up is found in No. 13. A litter brother is also found in the sale. A boar and two gilts by Top Notcher Chief, he by Top Notcher Again and out of Queen Advancer by Ad-

vance is one of unusual merit and the boar will do to head some extra good herd. A sow, Perfection Belle by Allison Jr. Perfection and out of Lady Belle 70864 by Gold Chief, the sire of Gold Cloud, sells with litter of thirteen by Mayor Jr. Here is an opportunity for some breeder to start in the Duroc business at a reasonable figure. Two boars and a sow pig of April farrow are by Hanley, the noted boar at the head of Messrs. McNeil Bros.' herd. This litter is a very fine one and breeders should not overlook the boars included in it. Three Tip Top Notcher boars out of Fancy Gold Dust, she by Mayor R., will please discriminating buyers. A litter of March pigs by Gold Standard, the third-prize junior yearling boar at 1905 Illinois State Fair, are good ones. We have briefly called attention to some of the stock consigned. Messrs. Krascher deserve a good sale and breeders will know that there is an offering seldom equaled and never beaten. Bids sent to Mr. D. M. Pierce, representing this paper, will be carefully handled. Write for catalog at once, kindly mentioning The Homestead.

THE S. E. PRATHER COMPANY'S SHORT-HORN DISPERSION.

Riverdale herd of Short-horns, one of the oldest and best herds in America, is to be dispersed. This action has been brought about on account of a dissolution of a partnership. Mr. S. E. Prather, the senior member of the firm, has been breeding Short-horns since 1873. The record made by Riverdale herd in the prominent shows is a successful one and reflects credit upon the judgment of Mr. Prather in his selection of breeding stock. As good bulls as the breed affords have been used. At the present time there is in service at Riverdale one of the best Scotch bulls in America, Imp. Highland Champion. He goes into the sale to be held at the state fair grounds at Springfield, Ill., on Monday, November 5th. Highland Champion is considered by competent judges to be the best son of Lovat Champion, a bull used at Mr. Duthie's herd for several seasons, later sold to Mr. Andrew Chrystal of Marshall, Mich., and by him sold to head the Walnut Hill herd of Short-horns, owned by the Flynn Farm Company, of Des Moines, Iowa. Highland Champion is a bull of great substance, thick fleshed, solid red, very blocky and a splendid breeder. He has been a wonderfully good breeder and stands today as one of America's best Scotch bulls. A yearling Scotch bull which has been used at Riverdale is Pride of Riverdale. He was got by Imp. Pride of the Realm, one of the best Scotch bulls ever brought to this country. The dam of this good young bull is Sybil by Imp. Banker, a bull used by Mr. C. C. Norton, of Corning, Iowa, with much success. Pride of Riverdale belongs to the famous Secret family which have produced some of the best Short-horn cattle. Such bulls as Highland Champion and Pride of Riverdale are seldom, if ever, for sale at public auction, but it is a necessity in this case, as the closing out of the partnership makes it necessary to sell the cattle. The female portion is equally as strong. They were selected with a view to permanency. In fact the foundation stock was selected from the very best herds and comprises as richly-bred a lot as is found anywhere. Many of them are extra good milkers. In our next issue we will have more to say regarding this grand, good offering. Catalogs will be sent to all who write for sale as per the announcement on page 28 of this issue. Kindly mention The Homestead when writing

OUT-WEARS TWO PAIRS

If our boot does not outwear two pairs of the best quality rubber boots we will refund your money. The

Rubberhide Boot



has best reinforced rubber upper; heavy out sole of best leather; inner sole of leather, with rubber welt sole between.

All joined together so securely that a team of horses can't pull them apart.

They are sewed, not pegged or nailed, and they simply cannot leak.

The heavy leather sole protects the foot from uneven surfaces, and makes the boot warmer in cold weather.

The leather inner sole prevents excessive perspiration.

Any cobbler can resole them; they can be hob-nailed if you like.

It is the most durable, comfortable and economical rubber boot ever made.

Will You Try a Pair?

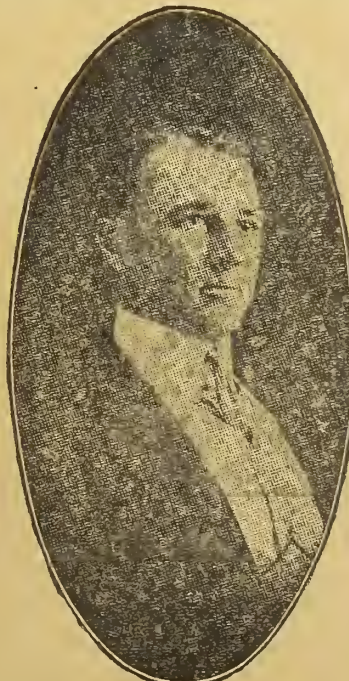
If your dealer handles the Rubberhide, he will refund your money if it does not outwear two pairs of the best rubber boots of other makes.

If he hasn't them, send direct to us for a pair on this guaranty. We pay express charges. Catalogue free.

Rubberhide Co., 812 Essex Bldg., Boston, Mass.



A. A. McNEIL.



H. C. McNEIL.

We take pleasure in presenting to our readers fair likenesses of Messrs. McNeil Bros., of Bowen, Ill., breeders of Duroc Jerseys. These gentlemen have been liberal purchasers of the best stock offered for sale during the past season. They are the owners of the noted breeding and show yard winner, Hanley. An extra good lot of pigs by this boar will be offered for sale on Tuesday, October 30th at their breeding farm at Bowen, Ill. Plan to be present.

Echoes From a Kansas Farm

By Henry Hatch

Right now the farmer is "dear to the heart" of the politician.

One dreaded job remains to be done on this farm before many weeks, that of digging potatoes.

Most every farmer has had to mow his potato patch this year, and some patches need mowing again. Soil that will grow such weeds will grow big crops, with the weeds kept down.

The harvest this year has been greater than the work of planting, and there was not help enough to do all the planting in time. A few more prosperous years and there will be no one to work out by the month.

Just now we are hauling home our winter's supply of coal. Four loads will be sufficient, unless we have one of those "old-fashioned winters." Four hundred miles further north it took twice that much. The saving of fuel is one of the beauties of the Kansas winter.

The first prophecy of a hard winter came in a daily paper, yesterday. It pointed out that squirrels have been putting up a large supply of nuts, that the corn shucks are thick and the bees have swarmed little but made much honey.

is worth little more than the price of the hide. Many farmers have this class of stuff to sell every year, but this year it is about like giving it away.

Once in awhile some behind-the-times man tries to make it appear that he can put fodder in the shoe cheaper with a knife than with a corn binder. Saying that it can be done and doing it are quite different things. Day before yesterday we cut our kafir corn. Three men to shoe and one man and two teams with the corn binder put up more fodder, and it was bound, too, than twice that many men could have put up by using a corn knife. It must be remembered that there was a time when people doubted the grain binder, and thought cradling was the cheapest and best.

Outrageously high prices are being asked for ordinary weaned colts, but it is noticed that few sell. It is now possible for a man to ask another from \$60 to \$80 for a six-months colt, without holding the breath. We know of only one man who has sold for such a price, but they all want it. It is strange how one sale will fix the price for miles around. They will say, "Mr. So-and-so got \$70 for his colt, and I ought to have as much." As an investment, horses must be too high in price.

Great is cement. In a few years we predict that tons of it will be used where pounds now are. Kansas is making the



David Harum, the first-prize Shetland stallion at World's Fair, 1904. A number of his get are included in the forthcoming sale of Mr. George A. Heyl, at Washington, Ill., on Wednesday, November 7th.

Could anything else be named that has no effect on the weather?

The soil has everything to do with corn husks growing thick or thin. We have a field that is partly creek bottom and partly hill land. Along this creek the husks are always thick; on the hill they are thin. Does this mean that it will be colder along the creek than on the hill? It is naturally the other way, or appears so to us when husking corn.

The Washington agricultural department has it that nearly a billion dollars of farm products were shipped from our shores during the past year. Now, the question with most of us is, did we get our share? Or, did the army of middlemen, who handle the products of the farm at every turn, get as much for their work as we did for all the grain?

Some of the cattlemen are wondering what has become of the ease against the packers. The way we understand it, the whole charge against them was knocked out by the decision of one judge. Whether the judge was right or wrong, this is an indication of the power that one judge has in causing costly delay. There seems to be too many steps to climb before a case can be finally decided, and each step costs a wad of money. Then, too, a case may be kept on the move from upper to lower court, and vice versa.

There is one thing about the beef investigation business that is plainly evident, however, and the outcome of it is of great injury to the cattlemen, instead of being a help. There is now almost no sale for only prime beef cattle. Everything that has heretofore gone into cans

best there is in the world, and we are finding, every week, how it may be used to take the place of the almost worthless lumber now being sold. The best of the hard pine lumber sold now will last little longer than ten years; cement will last forever. Several men are talking of building barns of cement blocks. Cement fence posts will probably be the only kind for a permanent fence in the course of ten years.

IN THE GREAT SOUTHWEST.

While many of us have been led to believe that honey comb is manufactured, filled by machinery and sold as the genuine article, the presence of such on the market is contradicted by a long-standing offer of \$1,000, backed by \$300,000 capital for a man who could possibly imitate the real product. The reward is still unclaimed. While strained or extracted honey may often be adulterated, it does not necessarily signify that it is always so, as the apiculturist makes a considerable saving by using the comb again and again.

Considerable agitation is being aroused over the high grain rates for shipping in Oklahoma. It is stated that export rates on corn and wheat are higher in this state than outside in any direction. The export rate from Ryan to Galveston, 330 miles, is fifteen cents, while from Lawton, sixty miles farther, the rate is twenty-eight cents. From Waurika the rate is sixteen cents and from El Reno, 100 miles farther, the rate is nearly double. The increase is maintained all along the line to Kansas, where it drops two cents, though the distance is 100 miles

Simpson - Eddystone Black & Whites

Surprising what beautiful dresses can be made from these economical fabrics. Their fadeless color, durable material and artistic designs have given them the reputation "Prints of Quality."

Ask your dealer for
Simpson-Eddystone Black & Whites.

Three generations of Simpsons
have made Simpson Prints.

The Eddystone Mfg Co (Sole Makers) Philadelphia

THE VITAL THING

necessary in curing disease is to expel from the body all manner of impurities and waste matter. These harmful products are expelled by the Kidneys, Bowels, Skin and Lungs. If any of these fail in performing their respective offices, there will be increased temperature and fever.

GRAY'S TONIC PREVENTIVE FOR HORSES

assists nature in taking care of these impurities, makes good, pure, red blood, every vital organ benefited and the animal made more serviceable and valuable.

Get right and get Gray's Tonic Preventive and your horse will always be right. It sells for \$2.00 a bottle, prepaid, and if it does not give entire satisfaction we will give you your money back. You run no chance. Address

THE E. E. GRAY CO., 322 CHICAGO AVE., HINSDALE, ILL.

2-Roll,
4-Roll,
and
6-Roll,
Down or Mounted.
Write to-day for
free Catalogue.

WE GUARANTEE

that under the same conditions as to power and speed applied, condition of corn, etc.,

The Appleton Corn Husker

will do more and better work than any other machine of like character and corresponding size on the market; that it is simpler in construction; easier in every way to operate; easier and safer to feed and to require less power for successful operation. The proof of these claims is sent for the asking. We make also a complete line of manure spreaders, horse powers, shakers, ensilage and fodder cutters, feed grinders, wood saws, windmills, etc. Remember that Appleton quality is the standard of excellence.

APPLETON MFG. CO., 39 Fargo St., Batavia, Ills.

WILL YOU LET US PLACE A TOLMAN RANGE IN YOUR HOME ON ONE YEAR FREE TRIAL?

We want to prove to you, at our risk in your own home, without any obligation on your part whatever, that Tolman Ranges are absolute range perfection, and that one in your home will cut the fuel bill and housework in half. Let us explain to you how we sell direct to you, from our factory at

ACTUAL WHOLESALE PRICES

and thus save you \$15 to \$40 profits of middlemen and dealers. We give with every range a TEN YEAR GUARANTEE, which is as broad and binding as we can make it.

Is it not worth a minute's time and a postal card to send for our catalog which tells all about this liberal special offer? Our catalog shows over one hundred different styles and sizes of Wood Cook Stoves, Heating Stoves, Steel Ranges, etc., etc. We are making many other liberal offers for the summer months. Are you interested? If so, SEND POSTAL FOR CATALOG "G" NOW.

JUDSON A. TOLMAN CO., 7730 Woodlawn Ave., Chicago, Ill.

farther. These are the original rates when the territory was first opened and railroads have not seen fit to reduce them.

Joseph H. Glidden, the inventor of barbed wire, recently died at DeKalb, Ill., at the age of ninety-three. His first idea was obtained from a county fair exhibit where a man had driven nails through a block which he stapled to smooth wire. Glidden improved this idea, and the barbed wire of today is the outcome.

Doniphan county, Kansas, has had an exceptional crop of clover seed this season. Reports put the yield of seed from two to five bushels per acre, which at \$6 per bushel makes easy money.

One day last week Kansas City was crowded with homeseekers going west. Four extra trains besides extra equipment on regular trains were required to move the aggregation on to their new homes.

Many of the noted polo ponies that are becoming so popular in this country for sport are grown in Oklahoma on what is known as the 101 Ranch. Much time is devoted to their breeding and training, which is well repaid in the good prices they bring.

Eight counties of southwestern Kansas—Finney, Ford, Meade, Pawnee, Ste-

vens, Grant, Haskell and Wichita—are represented in the advertising ear that has been gotten up by commercial and industrial organizations. Everything from broom corn to mammoth squashes is on exhibition and the ear expects to be on the road for a couple of months, touring all over the country.

Blain Makes Good Average.

The John Blain offering of Poland Chinas sold on October 17th made an average of almost \$54 on fifty-six head. The same class of Poland was sold as in past sales and the same number of buyers were in attendance. The bidding was brisk from the start and every man at the ring side was bidding. Breeders were represented from Iowa, Illinois, Kansas, Missouri and Nebraska. The top price of the sale was paid for No. 25 in catalog, a boar that was recognized as the best in the sale. He was taken by the ambitious breeder, Mr. John Triggs, of Dawson, Neb., for the sum of \$190. No. 10 went to Mr. E. Story, of Kewanee, Ill., for \$170. The offering was a very growthy one and was very much in demand. Below we give list of sales of \$50 or over:

No.	Name	Price
1	F. Davis, Holbrook, Neb.	\$66
3	F. R. Barrett, Cadams, Neb.	52
4	E. Story, Kewanee, Ill.	54
7	J. Cox, Harlan, Iowa	57
10	E. Story	170
11	J. S. Johnston, Stanton, Neb.	142
12	F. H. Connelly, Milford, Neb.	71
13	J. Perrin, Rogers, Neb.	62
14	J. M. Cox	125
16	O. E. Peret, Centralia, Kan.	100
18	Wm. Lentz, Ankeny, Iowa	72
19	H. L. McKelvie, Fairfield, Neb.	65
20	J. S. Johnston	190
25	J. R. Triggs, Dawson, Neb.	51
27	Jenkin & Son, Byron, Neb.	75
28	Jansen & Son, Belleville, Kan.	63
29	A. Steinkamp, Manley, Neb.	80
30	W. P. Wolf, Kewanee, Ill.	56
34	R. Peckham, Pawnee City, Neb.	100
42	A. Smith, Superior, Neb.	51
43	F. Fisher, Virginia, Neb.	51

You cannot be well unless your stomach and bowels are right.
The thing to right them is
At your druggist's. **Jayne's Sanative Pills**

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

CHICKEN-POX, "SOREHEAD," ROUP.

Avian pathologists have pleased to group these diseases because of the kindred nature and the similarity of lesions. Dr. Cary, of Alabama, claims that there are no positive differences between the various forms of diphtheria, roup and chicken-pox or 'sorehead,' other than the locality in which the lesions occur; and possibly the per cent of mortality in the different forms of the disease. Usually when the mouth, throat, air passages or alimentary canal in one or more places is peculiarly inflamed so that an organized or solid exudate is formed on the surface of the inflamed mucous membrane and that membrane bleeds rather freely when the diphtherietic exudate is torn away—such a disease is called diphtheria. If the nasal cavities connected therewith have their membrane inflamed producing a catarrhal exudate, or solid, dried, pus-like exudate in the nasal cavities and sometimes pushing outward the tissues around the eyes such a diseased condition is called roup. If the skin of the wattles, comb, ear lobes, eyelids or of the head and sometimes the membrane lining the eyelids, become inflamed in such a way as to produce crusts or scabs or an exudate of dried pus—such a condition is called chicken-pox.

In a bulletin from the Alabama Experiment Station we are apprised of the existence of this disease in nearly every county of that state during the summer and fall, and it is found more prevalent among chickens from broilers to maturity, although younger chickens sometimes have it. It is a common poultry disease there, and more deaths occur from what is there known as "sorehead"

(chicken-pox) than from any other poultry disease known in the state.

Inoculation tests at this station prove that in about twenty-five days after inoculation, well-developed cases of sorehead appear on hitherto healthy fowls. In some instances the chicks died in a very short time after the inoculation, the severity of it varying as different parts of the body were inoculated. Experiments lead to the opinion that mosquitoes carry this disease and that they are instrumental in its dissemination. It is infectious and not only mosquitoes, but gnats, flies, mites, lice and other parasites may carry it and disseminate it.

Iodoform, creolin, lysol, creosote, carbolic acid, permanganate of potash, chlorid of lime, nitrate of silver and other drugs were tried in treating this disease and the experimenter says he has found no one drug that has given as good satisfaction as iodoform.

ENTERITIS.

What is the matter with my chickens? They have been dying for several weeks. They sit around with their eyes closed and refuse to eat. Some will drink a little after they get sick and some will not drink at all. They were very lousy when I bought them, but I have fought them until there are no lice now. They have had bowel trouble, their droppings being green and yellow. Some live only a few days after taking sick and others will live ten days. J. M. C.

Oskaloosa, Iowa.

The symptoms given are those of enteritis which bears the same relation to diarrhea that roup does to catarrh. It is a severe diarrhea aggravated, if not caused by improper feeding, violent purgatives, foreign substances, poisons, or it may follow a mild attack of diarrhea. It is not infectious. When a large number are troubled with enteritis it is because all have been exposed to the same causes. It may be caused by feeding too stimulating food, poisonous vegetable or mineral matter, a large number of worms in the intestines, eating Paris green and unslacked lime. Drinking water from old paint cans and other poisonous vessels will cause this trouble. Treatment lies in removing the cause. Giving castor oil to sick birds will be found beneficial. Feeding boiled milk or rice water to those that will eat may help. Feed no solid food for some time after treatment begins.

ONE EYE SWELLS.

My hens seem to have a disease that affects only one eye. It swells shut and the other is not affected in any way. The sight is lost entirely, but one hen had other sores on her body and head. What is the trouble? A Subscriber. Wiroqua, Wis.

It has been claimed that when only one eye is affected that it is due to a fowl roosting so that wind from an opening blows on her from the side affected and a mild form of roup or cold causes the trouble, which, if allowed to become chronic, means the loss of the eye. Sometimes sorehead will affect them in the peculiar manner as stated, which is closely allied to roup. Remove cause if possible. The eye is a delicate organ and yields slowly to ordinary treatment. Washing with sugar of lead is about all that can be done.

CONFINEMENT FOR LAYING HENS.

It has been conclusively proven that hens lay more eggs when kept yarded than when allowed to roam over a large acreage. It is also safe to say they have to be fed on more costly feed than when they have a free range, to say nothing of the time and labor devoted to their care. It will require more expensive fencing and house room and it is safe to conclude that there are losses among hens that become debilitated and unhealthy on account of the confinement than when they run at large. It remains for one to select which practice he will follow. If he is an egg producer and sells eggs at a good price and can make it pay even under the increased cost of production and the consequential loss, he is the man to carry on that business. Where such conditions do not rule it is safe to say that chickens should have a free range.

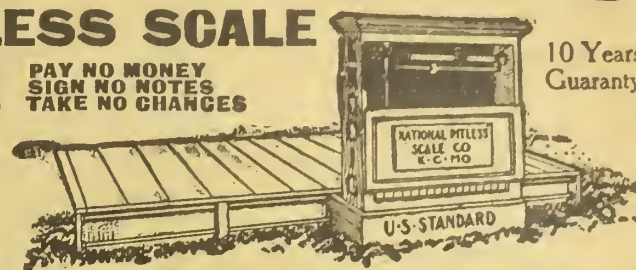
Hartwick Aberdeen Angus Sale.

At the combination sale of Aberdeen Angus cattle held on the farm of Mr. M. D. Korn, near Hartwick, Iowa, October 19th, a fair crowd gathered to do honor to this occasion. The day was perfect and all conditions had been carefully observed preparatory to a successful sale. The cattle as a whole were in good fair breeding fix, neither

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From \$30 to \$50.

If you would rather keep \$30 or \$50 in your own pocket than to hand it over to some dealer, I will show you how to do it—

And still get the scale you want. I make the Knodig Pitless Scale and sell it direct from my factory to the user.

Nobody else is making so good a scale at so low a price—or a better scale at any price—Nobody is selling on such liberal terms.

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You simply can't afford to buy a scale until you know all about my proposition.

Send for my "Knodig" book and examine the brand new Models A. and B. with Protected Bearings.

Ready for instant use when you want them.

No ice or snow to cut away from the bearings in winter—no dirt or dust to clean out in mild weather.

Nothing to interfere at any time with the absolutely accurate and sensitive weighing feature of the "Knodig" Protected Bearings.

Fully covered by patents. Sold only direct from factory at lowest factory prices.

Costs half the price of a pit scale and has no expensive pit with rotting timbers, rusting parts and big repair bills.



H. C. Gumbel
The Man Who Stands
Back of the "Knodig"
Pitless Scale.

Can be moved anywhere on your land wherever the work happens to be.

Absolutely accurate because tested according to U. S. Standard of weights.

Why not deal direct with me and save all that profit that is added on for Agents, Salesmen, Jobbers and Dealers?

That \$30 or \$50 you pay the dealer doesn't make the scale any better.

I am willing to PROVE that the Knodig Pitless is the scale you want.

I will send a set to you or to any responsible Farmer, Stockman, Elevator Man, or Grain Dealer on a month's free trial.

You have nothing to pay until you are satisfied. Don't send me a penny. Simply give the "Knodig" a fair, honest trial at MY risk.

If it doesn't please you, send it back, and I will pay freight BOTH ways. That's fair.

Write to me personally for the new Knodig Pitless Scale Catalogue.

It contains over 40 fine half-tone pictures that will interest you, and is chock full of practical scale wisdom from cover to cover.

Write for Catalogue To-day.
Address

H. C. GUMBEL, Gen'l Mgr., National Pitless Scale Company,
2011 Wyandotte St., Kansas City, Mo.

My Scale is Used
by the
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Which Proves
Its Quality.

Cut This Out and Mail Today.

H. C. Gumbel, Gen'l Mgr. National Pitless Scale Co.
2011 Wyandotte St., Kansas City, Mo.

Please send me your Knodig Pitless Scale catalog.

My name is _____

My address is _____

too fat nor too thin. The contributors in toto were Messrs. M. D. Korn, C. G. Korn, A. H. Kimball, U. S. Grant, Wm. Dickson and H. H. Reed. While the cattle were a good, useful lot, much of the breeding was of what Angus men term somewhat plain, which perhaps accounts for the fact that these cattle did not sell for more money. Some splendid bargains were in sight on every hand, in fact, the cattle sold generally for considerably less than they were worth. We think, however, that this was due largely to the fact that throughout the eastern half of Iowa there is practically no pasture in sight. The continued dry weather has caused the pastures to be unusually short, and few buyers care to load up their farms at this season of the year with cattle when they must commence at once winter feeding. The absence of the usual fall rains has caused all pastures to be depleted of that wealth of blue grass that is so commonly seen throughout eastern Iowa pastures at this season of the year. The greatest sacrifice in the entire sale was made on the splendid bull, Walnut Dell Proud R., a richly-bred Pride bull, worth \$200 to \$250 at the least calculation. It was the good fortune of Mr. Geo. Stuke, of Luzerne, Iowa, to secure this bull at the bargain counter price of \$145. Only two other bulls of the twelve sold reached the \$100 mark. One hundred and twenty-five dollars was paid for the splendid Blackbird bull, Blackbird Lord, he going to Mr. M. Linebeer, of Hartwick, Iowa. The other exception was the Queen Mother bull, Walnut Grove Quality, eighteen months old, which sold for \$102.50 to Mr. D. Rowland, of Victor, Iowa. Only two females reached the \$100 mark. These were the beautiful Pride cow, Pride of Glendale 24th, which brought \$180, selling to Mr. Harry H. Reed, of Marengo, Iowa, and Rose of Quietdale, selling to Mr. A. W. Brown, of Marengo, Iowa, at \$110. A notable feature of the sale was the fact that the bulls were in much more active demand than the females, the bull sale being quite snappy, with plenty of compe-

tion on all but one or two head. Twelve bulls were sold at an average of slightly under \$100. The average on the entire sale was \$75, which, while not high, furnished some marginal profit to the owner. The same bunch of cattle, under more favorable conditions, should have brought at least \$15 per head more money. Nevertheless, there is nothing discouraging in the results of this sale, as most of these cattle were bred by the sellers.

If you have a ten-year-old son or daughter that is experienced with the team, just read what the Litchfield Mfg. Co. have to say on page 5 about the boys and the girls operating the Litchfield Spreader.

ONE WAY SETTLERS' RATES.

To points in Nebraska, eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. F. & T. A., Minneapolis, Minn.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. F. & T. A., Minneapolis, Minn.

THE HUMPHREY
GREEN BONE and VEGETABLE CUTTER
will save half your feed bills and double egg yield. Guaranteed to cut more bone, in less time, with less labor, than any other. Send for Special Trial Offer and handsome catalogue.
HUMPHREY,
Hamp St. Factory, Joliet, Ill.

THE FAMOUS OLD TRUSTY
More than your money's worth in incubators during the summer. We have them all beat; 40, 60 or 90 days to prove it. 5 year Guarantee.
Now is the time to write to
M. M. JOHNSON, The Incubator Man,
Clay Center, Neb.

POULTRY.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.
FOREST HOME POULTRY FARM,
Box 253, Audubon, Iowa.

Rose & S. C. Brown Leghorns

COCKERELS, hens and pullets, \$8 and \$10 per doz. Indian Runner Ducks and Buff Cochins bantams.
MRS. WILL MICHAEL, - SELMA, IA.

SILVER LACED WYANDOTTES.
EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm stock for sale from Lt. Brahmas, S.L. Wyandottes, R.C.B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

WHITE Wyandotte cockerels for sale from birds scoring 94 and 96. These birds are farm raised. Write for prices. W. F. Kilpatrick, Harlan, Ia., R. 5.

SPECIAL sale this month Embden, Toulouse and White Chinn Geese, Aylesbury and Pekin ducks. Dawson Bros., Box H, Franksville, Wis.

BARRIED Plymouth Rock and Rose or Single Comb Rhode Island Red cockerels one dollar each. G. Weiser, Humboldt, Iowa.

SINGLE Comb Brown, White and Buff Leghorn cockerels for sale at 75c each, from pure winners. F. E. Garrett, Lohrville, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings, \$1.50 to \$3 each, Mrs. L. M. Estes, Audubon, Ia., Route 2.

DOGS.

AN EXTRA FINE BUNCH OF COLLIE PUPS from working parents. The kind that pays to raise. Pedigree furnished. Address, Leroy A. Hays, Hurst Free Delivery No. 7, Knoxville, Iowa

THOROUGH BRED fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATS! My Scottish Terriers will make them git. Very fine female puppies from recorded parents for sale. S. W. Harr, Riverside, Iowa.

FOR SALE—Five registered Scotch Collie females, bred or open at snip prices. Address, A. H. Gerot, Riverside, Iowa.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

PEDIGREES AND REGISTERING SHEEP.

The pedigree of a sheep is a paper showing its lineage. This may give the parentage of the individual sheep or it may go further and give the several generations back. A pedigree is worth no more in truthfulness than the integrity of its owner or breeder. If he is dishonest or crooked it is safe to guess that the pedigree will be of doubtful value.

Most record associations require that all sheep registered trace to imported stock on both sides and all sheep of both sexes must have been registered in that association up to the individual to be registered. Imported sheep may be registered if they are from registered flocks in the country from which they have been imported. In some of the foreign registry associations the males are recorded as individuals and the ewe flocks are registered as flocks and not as individuals. In all American associations ewes are registered just the same as rams. In order to bring sheep to America duty free from the Dominion of Canada, the pedigree or certificate of registry should give at least the grandsire and grand dam of the sheep to be recorded. This is an order of the Treasury department of the United States.

In most associations a sheep breeder can upon recommendation of any other member, become a member by paying \$5 which will entitle him to a share. He has a vote and can get his sheep recorded at one-half the fee charged non-members and each volume of the record will be issued to him free of cost. Most of the associations charge a fee of fifty cents for registering American-bred sheep and one dollar for imported sheep. If they are not registered in the year in which they are born triple fees are charged. Non-members pay twice as much as members. When a sheep is sold to another party the transfer is made on a blank kept for that purpose for which a fee of twenty-five cents is charged.

In some of the associations a pedigree committee is elected or appointed, whose business it is to examine into the merit of all sheep that are recorded (such as-



The Right Way to Grow Hogs

Pigs have sometimes been called "mortgage lifters," and really it seems they deserve the title. What other animal from a beginning of only two pounds can grow to 1,000 pounds weight? And bear in mind statistics prove that it costs less food to grow a pound of pork than either beef or mutton. Do you know why? It is because of the large digestive capacity of the hog.

It is certain that all growth and milk production is in proportion to the amount of food digested and assimilated. The right way to grow hogs, therefore, is to take proper account not only of the feed, but the digestive system.

DR HESS STOCK FOOD

the prescription of Dr. Hess (M.D., D.V.S.) was intended for this purpose in particular. It takes charge of the digestive organs, compelling them to do their proper work.

Horses, cattle, cows, hogs and sheep are all dependent upon the digestion for every pound of growth and every ounce of milk. The cost of Dr. Hess Stock Food is paid back many times over, therefore, no stockman or dairyman can afford to be without it. Besides hastening maturity, Dr. Hess Stock Food cures and prevents disease.

Dr. Hess Stock Food owes its origin to the medical and veterinary colleges from which Dr. Hess graduated. Such medical authorities as Professor Winslow, Professor Finlay Dun, Professor Quittman and all the leading scientists recommend bitter tonics for improving digestion, iron for blood and tissue building, nitrates of soda and potassium for assisting nature in expelling poisonous material from the system. These ingredients and many others make up Dr. Hess Stock Food, and it is sold on a written guarantee.

100 lbs. \$5.00. 25 lb. pail \$1.60 } Except in Canada
Smaller quantities at a slight advance } and extreme
West and South

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic, and this paper is back of the guarantee.

FREE from the 1st to the 10th of Each Month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 96-page Veterinary Book any time for the asking. Mention this paper.

DR. HESS & CLARK, Ashland, Ohio

Also manufacturers of Dr. Hess Poultry Pan-a-c-e-a and Instant Louse Killer.
INSTANT LOUSE KILLER KILLS LICE.

sociations usually not extending over much territory) before they can be recorded. In such associations the sheep have to pass certain stipulations in point of merit, without which there is no recording. This keeps out inferior sheep. Other associations record when purity is assured, resting on the principle that inferior sheep are not found among pure breeds. A breeder can scarcely afford to pay the fees for recording a sheep of doubtful merit, and if he thinks anything of his reputation at all as a breeder he will not even offer such for sale as breeders.

In selling sheep it is usually customary that the seller records a sheep unless it be under one year in which case he provides the purchaser with the names of the sire and dam both of which should be recorded. Some breeders record all the sheep they sell and send the certificate along at time of the sale. By so doing a transfer is avoided.

A breeder of an animal is the one who owns the sire and dam at the time of copulation. Names or numbers may be given sheep. All sheep should have a private record or ear tag for personal use as well as that provided by the record association. This is absolutely necessary so as to be sure of the breeding.

AN OLD TRIK IN A NEW PLACE.

Wool is a product that can be stored a long time without fear of much depreciation in quality or weight. Many sheep raisers have wool lofts in which to store their wool product and others bag it at once and store it in some convenient place where it will be safe. Experiments at the Iowa Experiment Station show that there is but little appreciable change in weights by storing wool. Many different kinds of fleeces were weighed and put in an ordinary wool room and after remaining there for three years there was an actual increase in the weights of some of the fleeces, and but few of them showed any decrease.

For the past two years prices of wool have been more gratifying to wool growers than for some years, and as prices enhance buyers have found a "combine" useful to regulate prices. This feature of trade has been quite common in other commodities. If there is an attempt to corner wool, the best way to meet such a combine is for the growers to store enough so that they can have some say-so as to its selling price.

The wool crop of the United States in 1905 as estimated by the National Association of Wool Manufacturers was 253,488,438 pounds, and it was found also that 67 per cent of this amount was produced in nine states. Now it is possible to organize an association of wool growers in these nine states or in the principal wool-growing states to insure

Now or Never

same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, F. C. THACKABERRY, FAIRVIEW STOCK FARM, TAMPICO, ILL.

the free operation of supply and demand laws.

We suggest, therefore, that sheep breeders and wool growers in the principal wool-growing states organize state associations and that these put themselves in connection with the National Wool Growers' Association and work together for the good of the industry. Much good has come through such association. As a rule we are against combines, but when such formidable combines threaten that can be stopped in no other way, the way to meet them is to play at their own game. There is a bright era ahead of the wool grower if he is not subjected to the dangers we have above outlined which appear to be gaining ground.

BABY COVERED WITH SORES.

Would Scratch and Tear the Flesh Unless Hands Were Tied—"Would Have Died But for Cuticura."

"My little son, when about a year and a half old, began to have sores come out on his face. I had a physician treat him, but the sores grew worse. Then they began to come on his arms, then on other parts of his body, and then one came on his chest, worse than the others. Then I called another physician. Still he grew worse. At the end of about a year and a half of suffering he grew so bad I had to tie his hands in cloths at night to keep him from scratching the sores and tearing the flesh. He got to be a mere skeleton, and was hardly able to walk. My aunt advised me to try Cuticura Soap and Ointment. I sent to the drug store and got a cake of the Soap and a box of the Ointment, and at the end of about two months the sores were all well. He has never had any sores of any kind since. He is now strong and healthy, and I can sincerely say that only for your most wonderful remedies my precious child would have died from those terrible sores. Mrs. Egbert Sheldon, R. F. D. No. 1, Woodville, Conn., April 22, 1905."

HOMESEEKERS' EXCURSIONS.

CHICAGO GREAT WESTERN RAILWAY. On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy ram and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs., champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros. Kellerton, Ia.

COTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my R imported Percherons, English Shires and Belgians stallions at \$1,000 each. A. LATIMER WILSON, CRESTON, IA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th. GEORGE ALLEN, LEXINGTON, NEB.

GOATS FOR SALE.

POLLED Angoras, does and bucks. Must be sold at once. S. S. McKIBBEN, - - - DeSOTO, IA.

FOR SALE

Six very fine Angora does and one Billy; also a very fine Scotch Collie dog six months old. B. F. RICHARDSON, DUBUQUE, IOWA.

OXFORD DOWN rams and ram lambs and ewes, sired by a 350 pound ram, for sale. John Graham & Sons, Eldora, Iowa.

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$29.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Warranted to Give Satisfaction.

Gombault's Caustic Balsam

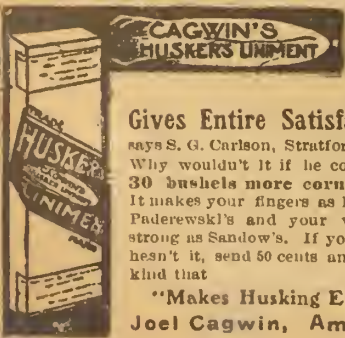


Has Imitators But No Competitors.

A Safe, Speedy and Positive Cure for Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lamenesses from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a Human Remedy for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

The Lawrence-Williams Co., Cleveland, O.



Gives Entire Satisfaction.

says S. G. Carlson, Stratford, Iowa. Why wouldn't it if he could pick 30 bushels more corn a day? It makes your fingers as limber as Paderewski's and your wrists as strong as Sandow's. If your dealer hasn't it, send 50 cents and get the kind that

"Makes Husking Easy."

Joel Cagwin, Ames, Ia.

DAY BY DAY

Agricola

Mr. Fleming, a reader of this paper of southwest Nebraska, writes us that the prairie dog still flourishes in that region. This marmot is certainly very tenacious in his habitat. We are not aware as to whether their presence is harmful or otherwise.

The jack rabbit is also there. This is the largest species of the genus. They have ears worthy of the name. Nevertheless we are not aware whether their hearing is bettered by them.

The jack part of their name was, no doubt, suggested by the big ears of the jackass.

From Wood River, Neb., to the sources of the Yellowstone river was a vast expanse of country in 1865 inhabited by wild animals and equally wild redmen. Now the redmen are among our best citizens, and the buffalo, elk and black-tailed deer are only found in parks.

What a change! And all in less than half a lifetime! The happy homes of civilization fill all the landscape.

Have commenced to crib the corn; gather a load every day. We never had a better crop. It is white corn and is an excellent stand.

The big ears play a fine music as they strike the throwboard. It sings of plenty in the stables and stock yards. We would need kicking every day to pretend to be a farmer and have any-

thing on the lift for want of feed and care.

A farmer who suffers it should be treated himself to the same medicine.

The humane society should get after him.

It will be time presently to lay down the tender grapes, such as the Agawam, and the California variety, which are tender in Iowa. We lay ours down and have grapes which are delicious.

The best of all fruits are generally somewhat tender. The most precious of everything, as a rule, needs the greatest care.

Some people allow their stock to infest their neighbors, from chickens up to hogs, and they pay no attention to requests to prevent.

The man who does this presently loses the respect of his neighbors, who though they speak to him, privately wish him at the North Pole, or in the Sahara desert.

It is exceedingly pleasant to visit with neighbors whom you know are warm friends.

Agricola would not fancy living by the side of a neighbor who had good reason to be offish.

The bluebirds seem loath to leave. We hear them every morning and they seem to be enjoying themselves. They are the earliest in the spring. They winter in southern Missouri and in Arkansas.

It is interesting to note the habits of our wild neighbors. The short-tailed mouse has now his winter stores in his granary. We have noticed, however, that weasels and skunks, as well as the domestic cat, are fond of a diet of these rodents; that is, short-tailed mice.

Near a town boys are hard on the bluejays, robins and other birds. They destroyed a nestful of our young robins in an elm near the house. It would not have been a happiness to them had we caught them at it.

Farming is a science and requires knowledge. Intelligence is absolutely necessary to successful farming.

THE MARKETS.

Chicago, Oct. 20.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Oct. 13.....	581	144	6,646	1,112

Mon., Oct. 15.....	30,551	2,672	26,892	23,599
Tues., Oct. 16.....	12,309	1,671	21,233	34,036
Wed., Oct. 17.....	27,306	2,421	25,305	32,771
Thurs., Oct. 18.....	12,835	1,191	20,078	22,822
Fri., Oct. 19.....	5,059	461	14,721	6,551
Sat., Oct. 20.....	1,500	309	10,090	2,009

Total this week.....	89,552	8,719	118,115	125,789
Previous week.....	71,220	9,649	107,128	131,638
Cor. week 1905.....	90,064	5,785	133,623	139,123
Cor. week 1904.....	83,702	4,613	106,133	142,168

Shipments—				
Sat. Oct. 13.....	497	70	1,109	1,244
Mon., Oct. 15.....	6,815	141	6,031	3,681
Tues., Oct. 16.....	4,650	151	2,552	8,864
Wed., Oct. 17.....	5,917	133	3,484	12,903
Thurs., Oct. 18.....	8,162	223	3,332	11,718
Fri., Oct. 19.....	7,198	427	3,103	7,633
Sat., Oct. 20.....	700	100	1,500	1,500

Total this week.....	33,412	1,175	20,002	46,239
Previous week.....	27,796	1,399	24,104	62,208
Cor. week 1905.....	32,970	817	23,242	70,415
Cor. week 1904.....	32,851	610	19,608	67,140

OTHER MARKETS.

Kansas City, Mo., Oct. 20.—Cattle—Receipts, 900; nominal. Hogs—Receipts, 2,500; steady to 5c lower; top, \$6.32½; bulk, \$6.25 @ 6.30. Sheep—Receipts, none.

National Stock Yards, Ill., Oct. 20.—Cattle—Receipts, 1,500, including 1,100; Texas; steady. Hogs—Receipts, 1,500; 5c lower; top, \$6.40; bulk, \$6.30 @ 6.35. Sheep—Receipts, 500; steady.

South Omaha, Neb., Oct. 20.—Cattle—Receipts, 900; lower. Hogs—Receipts, 4,500; a shade lower; top, \$6.30; bulk, \$6.15 @ 6.20. Sheep—None.

St. Joseph, Mo., Oct. 20.—Cattle—Receipts, 600; steady. Hogs—Receipts, 3,500; steady to strong; top, \$6.35; bulk, \$6.20 @ 6.30. Sheep—Receipts, none.

Sioux City, Iowa, Oct. 20.—Hogs—Receipts, 2,800; steady; top, \$6.20; bulk, \$6.10 @ 6.15. Sheep—Receipts, 100; steady.

CHICAGO MARKETS.

Clay, Robinson & Co. write as follows under date of October 19th:

Receipts of cattle have been very liberal this week, both of rangers and natives; in fact, the five days' run is the largest since the first week of last December. As a result the promising outlook of last week has been somewhat changed. It is evident that the strong tone of the trade last week brought in more cattle than could be absorbed without a drop in prices. While the very best gilt-edge steers are not much lower, the class selling for \$6.50 shows 15c to 25c decline for the week, while those grading between \$4.85 and \$6 have sustained still greater loss. The most notable sale of the week was made by us on Monday for Fred V. Stowe, of Grimes, Iowa, of thirty-one head of 1,561-pound Wyoming-bred Hereford and Red Polled steers at \$7.25, the highest price of the year for fed westerns. These cattle were the third cut out of eight cars of Mr. Stowe's feeding, and in point of quality were not so good as the second cut sold by us a week ago Wednesday at \$7.15. On Monday of this week we also sold for F. Whitehouse, of Grimes, Iowa, thirty-two head of Wyoming-bred Angus steers averaging 1,500 pounds at \$7.25. Considering that the two lots of cattle were branded, thus detracting 15c per cwt. from their selling value, they were really the highest sold cattle of the year. On Wednesday of this week we sold for Wm. Riggs, of Shelburn, Ind., fifteen horned Hereford yearlings averaging 1,102 pounds at \$6.80, the highest sale of the year for yearlings.

With a strong demand for stockers and feeders prices ruled firm to 10c higher. Receipts of butcher stock have been very liberal and while good corn-fed cows and heifers are steady compared with a week ago,

BLACKLEGOLDS



**JUST A LITTLE PILL
●● THIS SIZE ●●**

placed under the skin
by a single thrust of
the instrument....

**No Dose to Measure.
No Liquid to Spill.
No String to Rot.**

**SIMPLEST, SAFEST,
SUREST, QUICKEST
WAY TO VACCINATE
CATTLE AGAINST
BLACKLEG**

Purchasers of 100 doses
get an Injector FREE

For Sale by all Drug-
gists. Send for Free
Booklet.....

PARKE, DAVIS & CO.

Home Offices and Laboratories,
DETROIT, MICHIGAN.

all other grades of butcher stuff are 10c to 15c lower. Bulls have been in good demand at steady prices.

Receipts of hogs have been slightly larger than last week and the market is a trifle lower, top today being \$6.60 with bulk of the good hogs selling at \$5.45 to \$5.55.

The general trend of the sheep and lamb market has been lower this week, especially as regards lambs. The following quotations represent the present market: Fair to choice wethers, \$5.25 to \$5.75; good to choice killing ewes, \$5.40 to \$5.50; choice breeding ewes, \$5.25 to \$5.75; choice yearlings, \$6 to 6.25; fair to choice fat lambs, 7.10 to \$7.60; fair to choice feeding wethers, \$4.90 to \$5.15; feeding ewes, \$4 to \$4.50; fair to choice feeding yearlings, \$5.50 to \$5.75; fair to choice feeding lambs, \$6.25 to \$6.65.



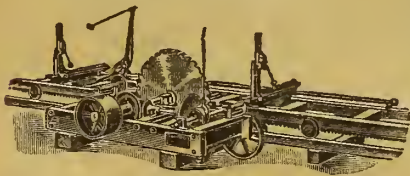
Four Burrs Grinding at Once

NO FRICTION.
THE GREATEST CAPACITY.
LIGHTEST DRAFT.
MANY THOUSANDS IN USE.

FOUR horse mill grinds 60 to 80 bushels per hour. Two horse mill grinds 25 to 50 bushels per hour. We also manufacture the famous Iowa No. 2 for \$12.50. Send for free catalog of mills, cookers and furnaces. Address,

**BOVEE GRINDER & FURNACE WORKS,
WATERLOO, IOWA.**

American Saw Mill Machinery.



**Traction and Stationary
Engines, Air Cooled
Gasoline Engines, Sepa-
rators, Shellers, Shred-
ders, Hay Balers**

We Repair Machinery of all Kinds.

**CEDAR RAPIDS MACHINERY & SUPPLY CO.,
307-9-11 3D AVE., CEDAR RAPIDS, IOWA.**

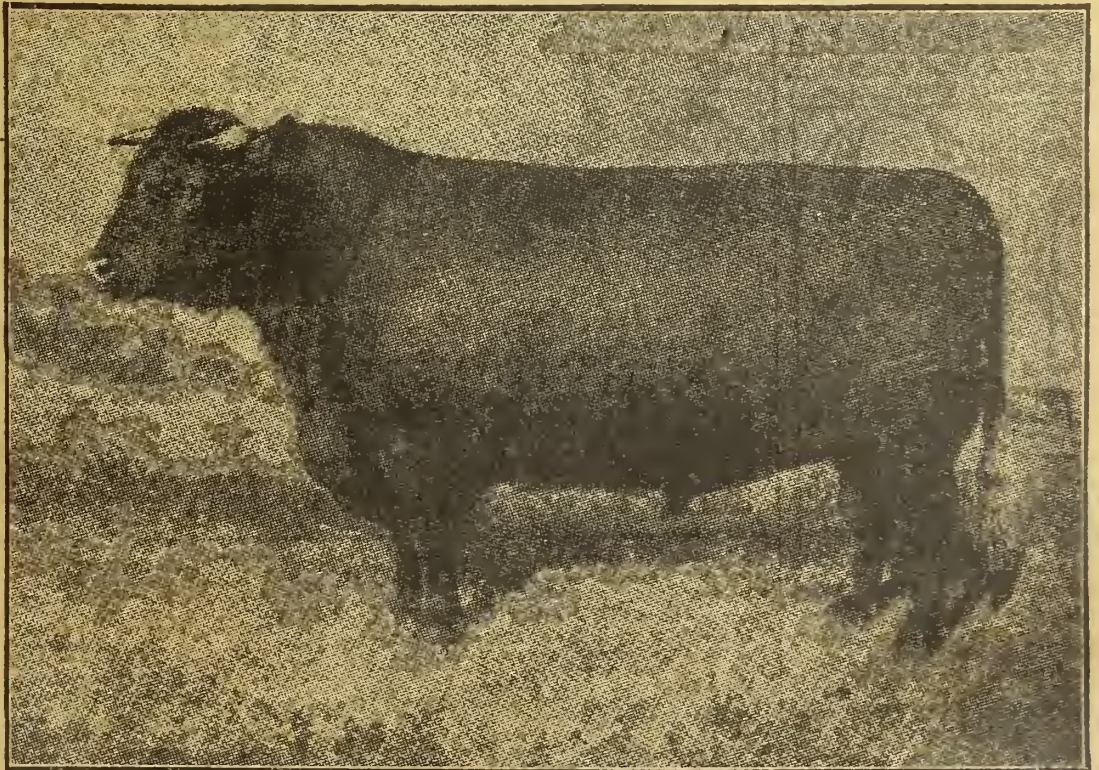
THE BOY AUCTIONEER Marshall M'Cleary

Age 17 years

At the head of his
class in Noland's
School of Auc-
tioning.



Bondurant, Ia.



Imp. Highland Champion, one of the most noted Scotch bulls in America, included in the dispersion sale of S. E. Prather Company, at Springfield, Ill., Monday, November 5th. See field notes.

ADVERTISING NOTES.

Mr. H. S. White, of Amelia, Neb., has a ranch of 720 acres which he is offering for sale in his advertisement on page 23 of this issue.

Mr. J. E. Hazlett, of Marion, S. D., has 10,000 acres of South Dakota lands that he is offering for sale in his advertisement on page 23 of this issue.

Mr. Milo J. Owen, of Barton, Vt., is offering a 1,293-acre farm for sale in Lipscomb county, Texas, in his advertisement which appears on page 23 of this issue.

Mr. E. S. Damer, of Beaver City, Neb., is offering Furnas county (Neb.) farms for sale on page 23. They range in size from 240 to 560 acres, and will be sold from \$15 to \$60 per acre.

We wish to call our readers' attention to the advertisement of the Hawkeye Company, of Iowa City, Iowa, who are advertising a loader for hauling corn fodder on page 10 of this issue.

Souvenir postal cards of historic Boston can be procured from the Boston Ledger and Printing Company, 116 Bedford St., Boston, Mass., at attractive prices named in the advertisement on page 5.

For prices on central Nebraska farm lands read the advertisement of Mr. R. G. Cross, of Genoa, Neb., that appears on page 23 of this issue, and write him for further particulars in regard to them.

Mr. Newton Hibbs, of Salmon, Idaho, has a 400-acre irrigated farm for sale, located within two miles of an important city, which he thinks will double in value in two years. The advertisement, from which further information can be obtained, appears on page 23.

The Bazel J. Meek Land Company, of Chillicothe, Mo., have just completed a supplementary and corrected list of the lands they have for sale in Livingston and adjoining counties. This list will be mailed with weather map covering a period of twenty years, to all who write mentioning this paper.

There appears to be a large crop of clover seed in some parts of this state and the weather is so favorable that the seed is being harvested in excellent condition. Owing to a short crop in some other sections it is now bringing a good price and it looks as though it would pay the farmers to sell their surplus this fall. At all events, it will be advisable to send a small sample of your clover or timothy to the Iowa Seed Company, of Des Moines, Iowa, and have them make you an offer.

Nearly every boy and girl reader of this paper is now considering, no doubt, in what way they can earn money with which to tide them over the coming Christmas time. As an aid to each of them in this direction we desire to call their attention to the advertisement that appears on page 7 of this issue of the Chautauqua Chemical Company, of Jamestown, N. Y., who promise to show each one how to make easy money at nice work. If interested, write the company, mentioning this paper.

TWO GOOD FARMS.

In this issue of The Homestead there are two first-class farms advertised for sale by the Allen Investment Company, of Kansas City. These farms are both worth more than the price asked for them, as they are both close to Kansas City and are finely improved, one of them having a barn that cost \$2,500. Did our readers ever stop to think what an advantage it is to own a farm so close to such a grain and stock market as Kansas City? It means a great many dollars profit each month and hundreds of dollars in the course of a year or two. Then on one of these farms the house cost \$16,000. The buyer of such a place will have a comfortable home the rest of his life and have a farm that will make him money

every year. Look up the advertisement on page 23.

FINE FARM FOR SALE.

A good Missouri farm at \$35 an acre is something unusual these days. This is the price of a fine farm which is offered for sale by Mr. J. H. Lipscomb, of Kansas City. This farm contains 640 acres and has fine water, etc. It is only one mile from station. Mr. Lipscomb says it's good and as he is a reliable man we know it is true. Good improvements and only a hundred miles from Kansas City, the great market. Those who are interested in a good farm at a low price should look up this advertisement on page 22 of this issue.

A HIGH-GRADE IOWA FARM FOR SALE.

Mr. S. K. Noland, of Des Moines, Iowa, is offering for sale a fine level farm in Sac county, Iowa. This farm is located close to two churches, school and market, and has the following improvements: A well-built, conveniently-arranged nine-room house, with good stone basement, barn 48x48, hog house 20x40, granary 30x40, corn crib 30x40, tool house 16x24, coal house, cattle sheds and other buildings, etc. There is also a good well, with windmill and tanks. The farm is rented for the year 1907 for two-fifths of the crop, but possession may be had at once by paying the present tenant for the fall plowing he has done and a bonus of \$200. This farm will be sold at a bargain and those interested should write Mr. Noland at once. See advertisement on page 22.

COST OF PRODUCING WHEAT IN THE BIG BEND COUNTRY.

The following estimate of the cost of producing wheat in the famous Big Bend country of eastern Washington is compiled from government reports and the actual price paid for labor, as taken from an article in the Big Bend Chief, of Wilson Creek, Wash., March 16, 1906. It is based on a quarter section of improved land. Government reports show the average yield of wheat in the Big Bend country to be twenty-two bushels per acre: Taxes, \$25; plowing at \$1 per acre, \$160; seed, 107 bushels, 40 pounds per acre, at sixty-five cents per bushel, \$69.55; seeding at thirty-five cents per acre, \$56; harrowing twice at twenty-five cents per acre, \$10; heading at \$1.25 per acre, \$200; sacks, 1,422 at eight cents per sack, \$113.75; thrashing, 3,200 bushels (only twenty bushels per acre) at six cents per bushel, \$192; hauling 1,422 sacks to market, distance of seven miles, figured on a basis of one cent per mile per sack, \$39.55; total expense, \$955.85. Wheat, 3,200 bushels at warehouse at sixty cents, \$1,920; less total expense, \$955.85, leaves a net profit for the year of \$964.15. Lands in cultivation, similar to that upon which the above estimate is made, in this favored section of eastern Washington, are selling at from \$28 to \$32 per acre, according to improvements and distance from market. Based upon the above showing these lands yield a net return at these prices of over 20 per cent, to say nothing of the advantages this locality possesses as a home in the way of climate, etc. Write the Big Bend Land Company, Dept. 1, Wilbur, Wash., af-

ONE LEVER DOES IT ALL ON THE I.H.C.



You would rather operate one lever than to get mixed up with three or four. The I. H. C. Spreader has but one lever—the only spreader of that kind.

This is just one point of superiority over other spreaders. There are others.

No other spreader has a vibrating rake to level the load and bring the manure up square to the cylinder. Everybody knows a spreader works better and gives a more even distribution when the load is level.

Great power is required when a spreader is in operation to run its cylinder, move its apron, level the load, etc. The I. H. C. Spreader gets ample power from both the rear wheels of the wagon.

It not only gets more power but it is surer of its power at any moment. It makes no skips, and it avoids friction, side strains, and consequent breakage.

This same thing helps to secure the light draft for which I. H. C. Spreaders are noted.

Call on the International local agent or write us for catalog.

Send three two cent stamps for a copy of "Farm Science," Book just from the press, written by eight leading agricultural authorities of the United States. Treats practically every farm topic in the most forceful, money-making way.

International Harvester Company of America, Chicago, U. S. A.
(INCORPORATED)

local dealer. Write them it may save a doctor bill. Their advertisement appears on page 11. Please mention this paper when writing.

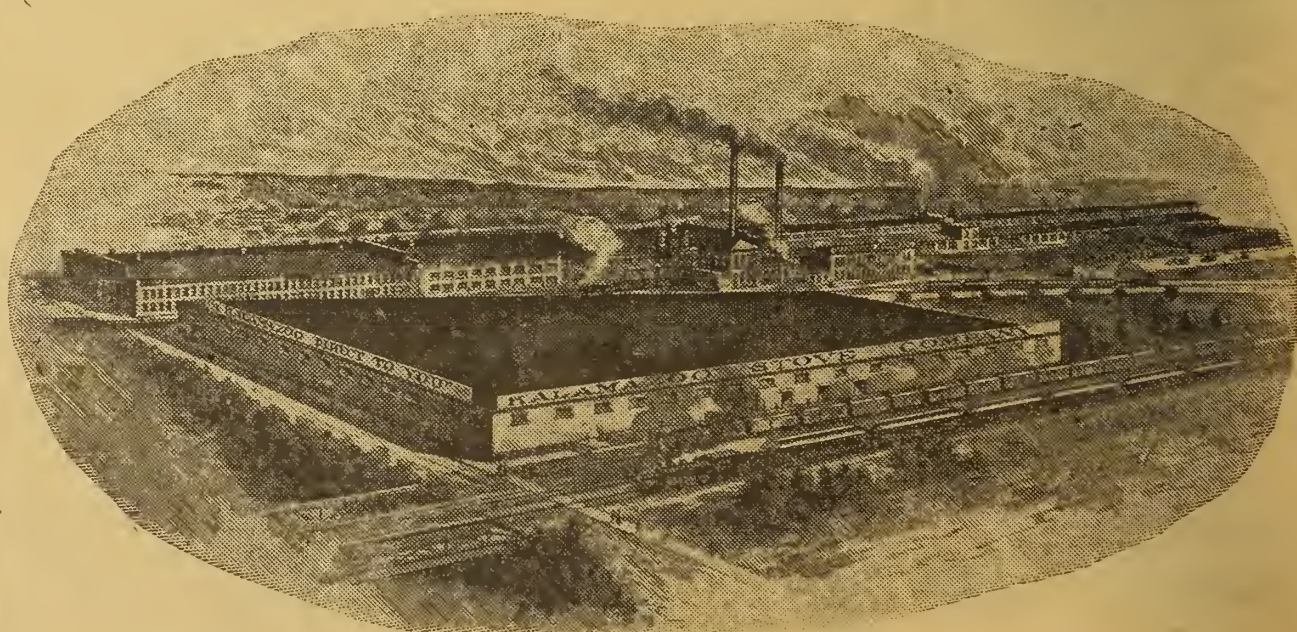
A RELIABLE NURSERY.

There is nothing that adds so much pleasure and enjoyment to farm life as plenty of trees. A large windbreak has come to be one of the necessities of the farm. Orchards and gardens well stocked with a complete variety of all the fruits and berries will contribute much to the health and comfort of the family. Now is the time to look over the orchards and find what trees must be replaced and what varieties should be added to lengthen the fruit season. Nursery stock may be secured from many sources, but it pays well in the long run to buy only of the most reliable firms. If the fruit turns out to be different than what is represented there is a big loss of time with no recourse. For fifty years the Phoenix Nursery Company, of Bloomington, Ill., have been selling goods that have made for them an enviable reputation. They carry only hardy and acclimated stock, including an extensive list of large and small

for booklet and prices, also please say you saw this notice in this paper. See their advertisement on page 18.

THE NEW SUPERIOR FANNING MILL.

A very valuable improvement has been recently made by the J. L. Owens Company, of Minneapolis, Minn., on their Superior fanning mill. The old Superior mill did excellent work, though the aprons interposed between the sieves sometimes gave considerable bother. A new system of sieves has been introduced, doing away entirely with these aprons, and as a result a better and faster separation can be made now than with the old process. With its improvements the New Superior fanning mill has been subjected to the most severe tests that a mill can be put to, and in these tests it has been found to have greater capacity than formerly, while in its grading and cleaning ability it is possibly the most perfect device that human genius can contrive. Those of our readers who are thinking of purchasing a new fanning mill during the next few months should write the J. L. Owens Company, 614 Superior St., S. E. Minneapolis, Minn., asking for full information



THE KALAMAZOO STOVE CO.'S FACTORY.

When you buy a stove—"A Kalamazoo direct to you"—you can be certain of getting the full worth of your money. The above illustration represents the well-equipped foundry and factory of the Kalamazoo Stove Company, at Kalamazoo, Mich. It covers five acres of floor space. Their plan has always been to produce the highest possible quality at the lowest possible price and by this aggressive policy they have developed a most enviable reputation for their goods. Their line is complete and you will be sure to find a pattern that will suit your use and your pocketbook. Their plan of selling direct cuts out much extra expense and makes very attractive terms to the buyer. The company demonstrate beyond a doubt their ability to put out only the very best goods, in their thirty-day trial offer. And still further they guarantee to correct every fault or imperfection that develops in any of their stoves within a year after purchase. They have thousands of satisfied customers on their lists and if your old range or heater is becoming bothersome you can do no better than to send for their 150-page catalog of ranges and heaters. Their advertisement will be found on page 19. When writing please mention this paper.

ter reading their advertisement on page 23, for further information regarding this country of great opportunities.

THE BOOTS OF THE AGE.

If there is anything that creates discomfort to those who are out in the wet and cold it is faulty, leaky foot-wear. If there is anything that gives you the "grumbles" it is to find your boots wearing out in half the time that they should. The firm that can put out boots that will not leak and will at the same time stand the snags and sharp, frozen ground is an exception. But this is just what the Rubberhide Company, of Boston, Mass., guarantee to do. In their Rubberhide boot they have overcome many of the faults of construction in foot-wear. This firm puts the water-shedding material where it is most needed and the wear-resisting material where it strengthens a weak point in boot construction. They will be glad to pay the express charge on a pair if you cannot obtain them at your

fruits, nuts, ornamental trees and green house and decorative plants. All their trees bear a unique red tag as a protection to themselves and their patrons. Their complete fall catalog will be mailed on request. Place your order for catalog early and mention this paper when you write. Address Phoenix Nursery Company, Bloomington, Ill.

FURS FOR WINTER.

Fur garments dispel the dread of winter. With a good fur coat and driving mittens and a fur robe you can ride to town on the coldest winter day with little discomfort. Not everyone can afford to buy such an outfit at the price they are usually retailed. Nearly every farmer has a cow or a horse hide to sell occasionally, and if he only knew it he could have as fine an outfit of winter clothing and robes from such hides as any on the market, and for about half the price. The Globe Tanning & Mfg. Co., Des Moines, Iowa, is just this kind of work. Write them

about the New Superior mill. It may be obtained on trial without the payment of a single cent. See advertisement on page 25.

PAYNE COUNTY, OKLAHOMA.

We desire to call your attention to the advertisement of Messrs. Swope & Co., real estate and loan agents of Stillwater, Okla., on page 23. This firm are the oldest real estate firm in Payne county, Oklahoma. They have been located at Stillwater for the past seventeen years and are thoroughly acquainted with the country, and its values and products grown. They believe that there is no country that offers better inducements to investors, either as a home or for investment. They have been identified with Oklahoma and its early existence and have spent their time and money to build up this portion of the country. They also desire to call your attention to the school facilities. Stillwater is the home of the agricultural and mechanical college and experimental station for the new

W. L. DOUGLAS

\$3.50 & \$3.00 SHOES FOR MEN

W. L. Douglas \$4.00 Gilt Edge Line cannot be equalled at any price.

W. L. DOUGLAS SHOES ALL PRICES

BEST IN THE WORLD

THE WORLD'S GREATEST SHOEMAKER

SOLE AGENTS FOR W. L. DOUGLAS SHOES

ESTABLISHED JULY 6, 1876

CAPITAL \$2,500,000

W. L. DOUGLAS MAKES & SELLS MORE MEN'S \$3.50 SHOES THAN ANY OTHER MANUFACTURER IN THE WORLD.

\$10,000 REWARD to anyone who can disprove this statement.

It could take you into my three large factories at Brockton, Mass., and show you the infinite care with which every pair of shoes is made, you would realize why W. L. Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe.

W. L. Douglas Strong Made Shoes for Men, \$2.50, \$2.00. Boys' School & Dress Shoes, \$2.50, \$2, \$1.75, \$1.50

CAUTION.—Insist upon having W. L. Douglas shoes. Take no substitute. None genuine without his name and price stamped on bottom. Fast Color Eyelets used; they will not wear brassy. Write for Illustrated Catalog.

W. L. DOUGLAS, Dept. G, Brockton, Mass.

state of Oklahoma. No town in the state has better school facilities and churches than Stillwater. If you want to locate in a good country with a fine climate and a state destined to be one of the best in the union, write to Messrs. Swope & Co., of Stillwater, Okla. They will send you a folder containing facts about this wonderful location, and when you write them, please mention this paper.

CATTLE VERSUS HIDES.

We observe by the circular price list of the Northwestern Hide & Fur Co. just received, that green salted hides are bringing thirteen cents, fresh green, twelve cents, which are the highest prices ever known. We likewise see by looking at the report from various wholesale centers, that cattle are about as low as was ever known. Taking as an example the South St. Paul market, various sales ranging from poor to choice cows and heifers from \$1.50 to \$3.00 per 100 pounds. From this has to be deducted freight and commission. The average will be about two cents on foot. The net results of shipping to other markets would be about the same. Veal calves range from \$2 to \$3.75, average about four cents. That makes a cow hide worth about six times as much per pound as the whole cow and four times as much as the calf. It is not many years past that hides were worth but about twice as much per pound as cattle were on foot. Surely there is something wrong. While it is likely that with the advent of cold weather the prices of hides will decline one or two cents, owing to the increase coming to market, even then they would be five times as high as beef. It is evident that it will pay the farmer far better to slaughter his cattle at home, eat what he can and sell the rest to his neighbors and ship his hides and tallow to market, rather than to ship his cattle or sell to others who do. Besides that he will have the satisfaction of keeping the beef trust from getting most all there is in his cattle.

FARMERS WHO OWN TRACTION ENGINES SHOULD BUY A SAW MILL.

A great opportunity awaits farmers and others who own thrashing outfits and have no work for their engines in winter. By writing the Cedar Rapids Machinery & Supply Co., of Cedar Rapids, Iowa, they can learn that the American Saw Mill can be purchased at small cost, and they are easily operated with the ordinary traction engine, which usually stands idle ten months of the year. With common poor lumber selling at \$12 per 1,000 feet, farmers are now sawing up cotton wood and soft maple trees grown on prairie farms, and many having a natural timber would like to have lumber sawed if they could only find a saw mill. Two or three farmers could find it profitable to club together and buy one of these American Saw Mills and cut up 100,000 feet of building material between corn husking and spring and save \$25 on every thousand that is asked by the lumber trust. Almost any sort of tree will make lumber fit for dimension purposes such as is usually needed on the average farm. The Cedar Rapids people can now furnish these mills on short notice. They also sell the only air-cooled gasoline engine on the market that takes the cool air direct into the cylinder. These engines will run in the coldest weather and no danger of freezing up and bursting the cylinder, as is the case with water-cooled engines. They also sell feed grinders, hay presses, corn shellers, shredders, traction and stationary engines. Write for full information concerning saw mills, etc.

NINE OUT OF TEN PERSONS SHOULD READ THIS.

A straw will show which way the wind blows. The straw is a most insignificant little thing, but it demonstrates a fact which may be of considerable consequence. Every drunkard at one time has taken his first glass of spirits; things of seemingly little importance may develop to large proportions and count for a great deal one way or another. This reasoning applies to many bodily afflictions, among them the very prevalent malady, catarrh. A bad cold is very likely to develop into catarrh, and an incipient case is sure to become chronic unless properly treated. Every reader of this paper who is afflicted with catarrh will find it to his or her interest to read the advertisement in this issue of Dr. T. F. Williams, a Des Moines physician, who is making a specialty of the treatment of this disease. Dr. Williams is successfully treating scores of people every month and every afflicted reader of this paper should investigate his treatment. He is offering one month's free

treatment, absolutely free to prove to you that he can cure catarrh. He certainly would not go to the trouble of sending you a month's free treatment were he not sure that you would be benefited to such an extent that you would continue the treatment and eventually find yourself completely cured. In the advertisement of Dr. Williams will be found a coupon which you can fill out and send to the doctor, and upon receipt of it he will send you at once a month's free treatment. Dr. Williams' address is 218 Crocker Bldg., Des Moines, Iowa. See advertisement on page 11.

"GLIMPSES OF NORTH DAKOTA."

The above is the title of an elegant prospectus richly descriptive of the wonderful agricultural resources of North Dakota. In its half hundred pages are to be found most fascinating reading, which includes sketches of the early history of the region, the early attempts at settlement, and the rapid development of grain and stock farming at first confined to large operators, but now being rapidly taken over into the hands of small farmers from the central and eastern states. According to this prospectus it is a well-to-do class that is settling North Dakota. This insures pleasant neighborhoods and means progression. At present, wonderful progress is being made in all industrial lines. North Dakota has an astounding variety of resources. In the western portion there are vast deposits of coal, and the valuable clays and fine building stone found in several localities insure for the farmer a supply of good building material. Great as are these resources, they compare but feebly with the vast productiveness of the soil. Railroad facilities are unexcelled. North Dakota stands second in the number of miles of railroad that has been built during the past twelve months. The J. B. Streeter, Jr., Company, of Larimore, N. D., are sending out the prospectus referred to. It is an old, established, reliable company. They own some of the best farm land in the state, and are offering bargains on a new-crop payment plan. Their advertisement appears on page 23. It will be worth while to send for their book of farm lands. It is copiously illustrated and is interesting from cover to cover. Apply to J. B. Streeter, Jr., Company, Larimore, N. D. When you write, please mention The Homestead.

WHAT AN IOWA FARMER THINKS OF THE DENNING CANADIAN LAND COMPANY'S LANDS.

The Denning Company is located at Cedar Rapids, Iowa, and are perfectly reliable people in every way. Mr. J. Wm. Denning has farmed in the Yorkton district for seven years and his brother is proprietor of the Denning Fence Company, of Cedar Rapids. Here is what Mr. E. Ellingson, of Norway, Iowa, thinks of Canada after a trip up there this month: We left Cedar Rapids October 8th, arrived at Prof. B. W. Snow's, the Chicago grain expert, on the 11th. Had a splendid trip. I found everything as represented by Mr. J. Wm. Denning, and I talked with many farmers who were thrashing from seventy-five to 125 bushels of the finest oats I ever saw grown. When you see oats that will weigh out from forty-four to forty-six pounds per bushel you can easily see why the yield is so large. Wheat is yielding from forty to forty-eight bushels, and one farmer claimed to have fifty-two bushels to the acre. I compared the sale of the Denning Canadian Land Company's land with other sales from ten to twenty miles south, and in other districts, and found nothing to equal their soil. I saw lots of farm buildings that will compare with Iowa buildings; in fact, I was surprised to meet so many rich farmers. Lots of them own their thrashing outfits. I met two farmers that were building their own elevator in Yorkton; drove to their farms and saw large brick houses and large basement barns; in fact, I saw prosperity everywhere, more than I ever saw in any country before, and I will say I am sure this land the Denning Canadian Land Company is selling at \$16 per acre will be worth from \$50 to \$75 per acre in a very few years. I would advise my friends that want land to investigate this at once. I found the climate something grand; was very warm and still, and lots of sunshine. I was surprised to see the cattle so fat; they look like corn-fed steers. In fact, I was surprised to find such a beautiful rich country and so thickly settled and all happy and contented.

GREAT IS TEXAS.

We take pleasure in announcing the or-

Roofed 12 Years Ago BLACK DIAMOND Ready B Roofing

No other ready roofing can talk about 12-year-old roofs. They can't find them. Most ready roofings are wrecks or patch-works at that age. But Black Diamond instead of making the vague statement "Lasts for years," says "Here are Black Diamond roofs that have lasted 10 years, 15 years, and are still good roofs!"

May be you only want a roof that will last a year or so. Even then you will probably get Black Diamond on account of its *unusually low price*. But if you want a roof that endures, you *must* buy Black Diamond—the roofing with a record. Take a look at that record. It is in our free Booklet in the photographs and stories of old roofs where Black Diamond gave long service and satisfaction. Ask for a Sample at the same time. We will gladly send both free for the asking.

BARRETT MANUFACTURING CO., Black Diamond Dept.
New York Chicago St. Louis Cleveland Cincinnati
Philadelphia Allegheny Kansas City Minneapolis New Orleans



Stowell Mfg. and Foundry Co.
So. Milwaukee, Wis.

ganization of the Investors & Homeseekers Realty Co., whose advertisement will be seen on page 22 of this paper. This company are a combination of the strong business men, all hustlers, doing a general real estate and immigration business, giving special attention to southern Texas lands. These people claim there is no like region to be found where the lands are so fertile, and the climate and water as good to be had so cheaply. They have examined the lands of practically all the agricultural states in the union and four provinces of Canada and claim that the prices, quality and productiveness are all superior. It is astonishing to the middle west and northern farmers to know there is a belt of country that has been practically neglected, where the land can be purchased from \$8 to \$20 an acre, depending upon the location and distance from the railroad, that will produce as much in one year with another, even without irrigation, as the high-priced lands of the great agricultural states that cannot be purchased for less than \$50 to \$200 per acre. Not only is the quality and fertility of this land superior, but according to the United States Health Commissioner's report, it is one of the healthiest countries on the globe, and has one of the most perfect climates to be found anywhere. It is a country where people engaged in agriculture do not have to burn up and feed all they raise in one six months of the year in the next six months. Practically any crop that can be grown in temperate climates can be grown successfully there. It is said that roses bloom ten months in the year, and people who go there from the north and hustle can raise as much as two crops of corn, or a crop of oats and a crop of corn, and as high as four crops of vegetables, and nine crops of alfalfa have been known to be produced from the same land in the same calendar year. The gentlemen that compose the Investors & Homeseekers Realty Co. are not all Missourians by birth, but are all of the "show you" kind when it comes to proving the merits of Texas land. If any of our readers are desirous of buying lands, either for investment or for a home, we certainly think they will receive fair treatment from the Investors & Homeseekers Realty Co., who have offices at 519-21 Hall Bldg., Kansas City, Mo., or Rooms 10-16 Angelus Hotel Bldg., San Antonio, Texas.

THE KIMBALL ORGAN.

On page 4 of this issue will be found the advertisement of the W. W. Kimball Company, of Chicago. This company is now offering a genuine Kimball organ for a

ilege of testing it thoroughly for a period of one month. If, after that time, it is not up to expectations in every way it may be shipped back to the firm at their expense. There are no chances to take whatever on the purchase of a Kimball organ, because the small payment made in advance will be refunded if the organ does not prove satisfactory. If it suits the purchaser in every way it may then be paid for in instalments running as low as \$2.50 per month. Possibly our readers are not aware of the fact that the great Kimball organ works are the largest in the world. The firm was established in 1857 and its immense business has been built up on the principle that the buyer must always be given value for his money. Their organ catalog will be sent free upon application. Address W. W. Kimball Company, 108 Kimball Hall, Chicago, and mention The Homestead when you write.

J. H. Wintemute's Poland China Sale.

The Poland China sale of Mr. J. H. Wintemute was held at Blockton, Iowa, on October 16th, and resulted satisfactorily to both seller and buyers. The young stuff sired by Junco was keenly appreciated by the buyers on account of good length of body, good feet and strong backs. Mr. J. A. Stephenson, of Mt. Ayr, Iowa, bought the highest-priced sow, No. 47 of the catalog, at \$76, and a sow No. 15 of the catalog at \$58. The following is a list of those selling for \$20 and over:

No.	Name	Price.
1	J. A. Stephenson, Mt. Ayr, Iowa.....	\$100
2	A. L. Wintemute, Conway, Iowa.....	65
3	A. J. Johnston, Oakland, Iowa.....	41
4	Jno. Beatty, Clearfield, Iowa.....	25
5	A. Brown, Blockton, Iowa.....	21
6	J. W. Pfander, Gravity, Iowa.....	48
10	Philip Stalcup, Lorimer, Iowa.....	33
11	L. G. Flint, Blockton, Iowa.....	51
12	Howard Ackerman, Clearfield, Iowa.....	26
13	Walter Moore, Conway, Iowa.....	28
14	H. Akers, Gravity, Iowa.....	35
15	J. A. Stephenson.....	58
16	Claude Bowen, Mt. Ayr, Iowa.....	31
18	M. A. Brown, Knowlton, Iowa.....	50
19	J. N. Hughes, Conway, Iowa.....	30
20	A. O. Stanley, Sheridan, Mo.....	23
21	L. G. Flint.....	31
22	Ray Morgan, Shambaugh, Iowa.....	34
23	E. C. Blauer, Mt. Ayr, Iowa.....	26
25	L. G. Flint.....	26
26	H. S. Duncan, Clearfield, Iowa.....	22
27	M. A. Brown.....	30
28	Chilcotte Bros., Conway, Iowa.....	31
29	Jas. Templeton, Conway, Iowa.....	27
30	E. C. Blauer.....	21
36	Same.....	39
37	M. H. Corey, Macksburg, Iowa.....	40
38	O. F. Gartside, Blockton, Iowa.....	21
42	Jno. Beatty.....	25
43	W. B. Crawford, Clearfield, Iowa.....	26
43 1/2	Howard Ackerman.....	23
43 1/3	Same.....	20
43 1/4	Same.....	20
45	H. Fesenmeyer, Clarinda, Iowa.....	35
46	J. W. Pfander.....	34
47	J. A. Stephenson.....	76
50	E. H. Hughes, Gage, I. T.....	21
51	Same.....	20
60	Claude Bowen.....	30

Fifty head averaged \$31.02.

F. H. Herring's Sale of Duroc Jerseys.

Mr. F. H. Herring, of Kalona, Iowa, reports that the average price paid at his recent sale of Duroc Jersey swine was \$21 per head. The crowd was not extra large, but nearly all present were breeders and buyers. Messrs. Geo. Herger & Sons, of Vinton, Iowa; F. S. Taylor & Son, of Wellman, Iowa, and H. T. Bird, of Iowa City, Iowa, were the principal bidders and buyers of the fancy lots. Mr. Herring writes: "Forty dollars was the top price and was paid for a gilt out of Nellie's Lady, a full sister to Top Notcher Chief. She would have been considered a bargain by the buyers, Messrs. Herger & Sons, even if they had been obliged to go into three figures to have secured her."



month's free trial. In other words, the buyer of a Kimball organ is given the priv-

Read the article about the "lazy man's" machine, on page 5 this week.

Williams' Shaving Soap

Why should you torture yourself shaving, and keep your face sore and red, when you can avoid it?

Williams' Shaving Soap makes shaving quick and luxurious, and it keeps your face healthy.

Send 4c. in stamps for a Williams' Shaving Stick (Trial Size).
(Enough for 50 Shaves.)

Williams' Barbers' Bar, Yankee, Mug, Quick & Easy Shaving Soaps, and Williams' Shaving Sticks.—Sold everywhere. Address,

THE J. B. WILLIAMS COMPANY,
Dept. A, Glastonbury, Conn.





Swing over the Snow

NOTHING bothers a farmer more than his gates in snow time. With the IOWA raise your whole gate from the ground. Besides the snow will not drift about the wires. Works as well in winter as in summer. If the wires get loose there is a stretcher on each to tighten it.

The IOWA gate is so simple we can sell it cheap, but being made from Rolled Steel Tubing will last for a lifetime. No wearing parts, simple hinges going clear thru the post, can readily be adjusted to a hog and chicken tight gate. Your stock laughs at wooden gates—why not get some IOWA gates to match your fences?

Cheaper than Wooden Gates, Write at once for our low prices and a dozen reasons why every farmer should have them.

IOWA GATE CO. Ninth Street
CEDAR FALLS, IOWA



Page quality begins in our furnaces. The molten metal is tested until it is found to contain just the proper ingredients to make Page-Wire—high carbon double-strength spring steel wire.

High enough in carbon to give it double the tensile strength of common fence wire and the springiness of a high-grade wire spring. Coiled by the Page process, it lets out and takes up like a spring; makes the fence adaptable to all soil and climatic conditions, and breaks the shock of animals running into it without breaking their necks. Our book is free. Write for it.

PAGE WOVEN WIRE FENCE CO.
Box 774, Adrian, Mich.

COILED SPRING FENCE



Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed.

30 DAYS FREE TRIAL and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its free.

KITSELMAN BROS.,
Box 290, MUNCIE, INDIANA.



HEATING STOVES

1000 ready for shipment! Air Tight Heaters, \$50 to \$65.00; Cannon Stoves, \$1.85; Box Stoves, \$2.75; Round Oaks, \$3.65; Hot Blasts, \$6.00.

Send for Free Stove Catalogue No. 60, showing over 50 Styles of Heating and Cooking Stoves and Ranges.

A. J. Child & Sons Mfg. Co.
(Est. 1874) 511 & 12th St.,
Box 201 St. Louis, Mo.

Highest Prices and Prompt Remittance



GUARANTEED if you ship us all your Hides, Furs, Pelts, Wool, etc. We pay same day as goods are received. Try us! We must treat you right if we want to keep you as a shipper. Write for price list and tags.

BERMAN BROS., 325 1ST ST. S., MINNEAPOLIS, MINN.

GLOBE TANNING & MFG. CO.

222 S. E. First St. Des Moines, Iowa.

WE tan all kinds of hides both with hair on and off. Send us your cattle and horse hides. We tan them for you and make them into a fur coat or robe which will please you. Write for shipping tags and booklet.

Jacob Bayer and J. A. Smith, Proprietors.



MANLOVE Automatic Gate.

Always in order. Saves time, adds to convenience, safety, value and beauty of home.

MANLOVE GATE CO., 271 E. Huron St., Chicago

PILES cured at home, half usual cost. No cutting. No pain. No pay till cured. Best treatment on earth. Write for book references and positive guarantee. O. Broyles, M.D., Sanitarium, Ludlow, Mo.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

It is some time since I have read anything which gave me the keen enjoyment which I had from a debate on "The Future of the Home," in the Independent of October 4th. Ever since the publication of "Woman and Economics," Charlotte Perkins Gilman has occupied a conspicuous place among the destructive, constructive writers of the day; Mrs. L. H. Harris is a southerner, and a very pronounced conservative, and while not exactly a woman of the old-fashioned, domestic type who believes that the first, last and only duty of woman is to be a good wife and a good mother, she has a shuddering horror of the new advance.

Mrs. Gilman opens the debate, stating her position in an article which she calls "Home Worship." To this Mrs. Harris replies in an article entitled "The Monstrous Altruism." Mrs. Gilman, having opened the debate, closes it by asking the question "Why Monstrous?"

What Mrs. Harris says, a thousand women could say equally well. She is bright, but not profound. She speaks for the multitude, using the usual stock arguments—with a dash of personal malice. It is necessary to quote her at this time when the object is not to sum up the debate, but to give the reader some idea of the position occupied by those of the modern school who have made a thorough study of sociology in the light of modern progress.

Mrs. Gilman writes so concisely that to summarize is difficult; in order to give her thought in the most forcible manner, it seems wise to make extracts which will cover some of the principal points in her position:

Home Worship—I might have called it family worship, but people would have thought I meant family prayer. It is not worship by the family, but worship of the family, that needs to be examined a bit; that well-nigh universal belief that "a man's first duty is to his family," and that a woman has no other.

Don't ever believe anybody who tells you that "self preservation is the first law of nature." Nature knows better. Race preservation is so wholly the first law of nature that she sacrifices the individual by millions to secure it, and even to improve it. If we study nature's laws with a large and open mind we see three great processes going on: The maintenance of species, the reproduction of species, the improvement of species. When you measure real values in living it is the last and not the first which counts.

At this point Mrs. Gilman traces the evolution of man to the place where the family was represented by "one man as the head, as many women as he could buy or steal, and children proportionate."

Then was the time when man could justly say that his first, i. e., highest, duty was to his family; because no higher form of human relationship had been introduced. There was no state or nation then; no civic duty, no public duty; the family was the top.

That was a long time ago. That poor little baro world, sparsely speckled with families, has given place to our rich world, thickly netted with nations; and at last we begin to see past even that, to the time when humanity will run smoothly all over the earth. We should worship the highest, work for the highest. It is the highest duty that comes first, a man's first duty is to the world—the whole of humanity—and also a woman's.

The goal of humanity is nothing short of universal peace and right living; an organization as wide as the world. Towards this end the widening, strengthening web of social relations steadily extends. Self interest, family interest, tribal interest, national interest all must give way to this world interest.

Self, one's personal, individual interest is at the bottom in our order of human duty. The family is next to self, i. e., next to the bottom. The blood tie is common to us and the animals, but the ties of specialized social relations are humanity's prerogative.

Now suppose we substitute the word world for the word home for a while. Suppose we spread our consciences quite a bit and say: "I am here in the world, a member of the human family. My first duty is to love and serve them, to keep them comfortable and happy and to help them grow." Suppose we had right here in America over fifteen or twenty million mothers awake and alive to their common responsibility, their common duty, their common power. Look at the housecleaning there would be. Imagine these deep, sunken wells of mother love rising, overflowing, meeting and mingling, flooding the world with peace and hope and happiness.

I am conscious that the foregoing gives but a poor idea of Mrs. Gilman's article, but it is all that is possible in the space at my disposal. A few extracts from her reply to Mrs. Harris' charge of "Monstrous Altruism" will perhaps elucidate some points not sufficiently brought out:

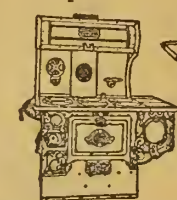
The position taken in my article is that in the order of virtues we should rank social

New Stove Catalogue

Now Ready

Contains Stoves of Every Kind Sold Direct to the User at Lowest Prices. Our new line of heating and cooking stoves, for all kinds of fuel, made of new iron, in attractive patterns, with every known improvement and up-to-date feature, is ready for immediate shipment, at low prices, saving you $\frac{1}{4}$ to $\frac{1}{2}$ from the prices that others ask. The Best Stoves Made. Fuel Savers and Do Perfect Work.

Fully Guaranteed in every respect.

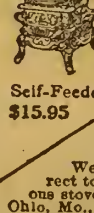


High Closet Reservoir \$24.94

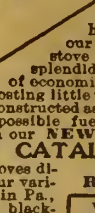
Steel, Square Oven, High Closet Reservoir \$17.40



Coal or Wood Reservoir \$11.98



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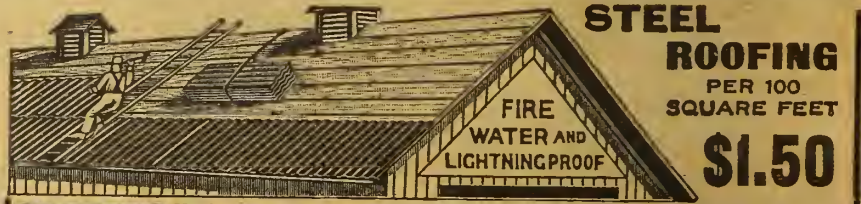
Wood Only \$4.50

Buy no stove until you have seen our wonderful stove offers, our splendid patterns of economical stoves, costing little to buy and so constructed as to use the least possible fuel, all told about in our NEW 1906-7

STOVE CATALOGUE NOW READY

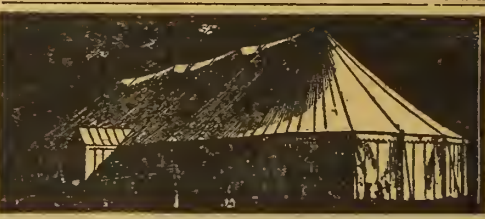
Write today for our new Special Stove Catalogue

Montgomery Ward & Co., Chicago
Michigan Ave., Madison and Washington Sts.



STEEL ROOFING
PER 100 SQUARE FEET
\$1.50

Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not taint rain-water. Makes your building cooler in summer and warmer in winter. Absolutely perfect, brand new, painted red two sides. \$1.50 is our price for our No. 15 grade of Flat Semi-Hardened steel roofing and siding, each sheet 24 inches wide and 24 inches long. Our price on the corrugated, like illustration; sheets 22 inches wide x 24 inches long \$1.60. At 25 cents per square additional we will furnish sheets 6 and 8 feet long. Steel pressed brick siding, per square \$2.00. Fine Steel Beaded Ceiling, per square \$2.00. Can also furnish standing seam or "V" crimped Roofing. **WE PAY THE FREIGHT TO ALL POINTS EAST OF COLORADO** except Oklahoma, Texas and Indian Territory. Quotations to other points on application. Satisfaction guaranteed or money refunded. We will send this roofing to any one answering this advertisement C. O. D., with privilege of examination if you will send us 25 per cent of the amount of your order in cash; balance to be paid after material reaches your Station. If not found as represented, you do not have to take the shipment and we will cheerfully refund your deposit. Ask for Catalog No. W-500. Lowest prices on Roofing, Eve Trough, Wire, Pipe, Fencing, Plumbers Doors, Household Goods and everything needed on the Farm or in the Home. We buy our goods at sheriff's and receiver's sales. **CHICAGO HOUSE WRECKING CO.,** 36TH & IRON STREETS, CHICAGO



TENTS TO RENT
FOR STOCK SALES, ETC.
MANUFACTURERS of all canvas goods, also Slickerine, a waterproof dressing for all canvas goods.
Peoria Tent & Awning Co.,
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BOYLES BUSINESS COLLEGE, OMAHA.
STUDENTS ADMITTED AT ANY TIME.
Largest Commercial School and Institute of Shorthand and Telegraphy west of the Mississippi river. Owns and occupies entire building. Graduates assisted to positions. Students may work for board.
The Large Illustrated Catalog is Free.
BOYLES COLLEGE, 1804 HARNEY ST., OMAHA, NEB.

duty before domestic duty, and that the Christian religion does precisely this, demanding of us the love of the neighbor, the care for "the least of these" as direct service to God. Christ does not ignore or exclude family love and service. Neither do I.

When there is a choice of conduct in which one must decide between serving one's family to society's loss, or serving society to one's family's loss, the duty to society comes first, that is all.

The soldier who serves his country at the cost of his life, to the neglect and injury of his family, is not, therefore, considered a depraved and dissolute character.

The woman who sends her sons to war with her blessing on them is not an unnatural mother. She is simply a mother whose patriotism is stronger than her maternal instinct, as it ought to be. We have had plenty of such men and women practicing the "monstrous altruism" of sacrificing everything in life, including their best beloved, in devotion to certain square miles of land, certain thousands of population, certain groups of institutions and ideas—to a thing called "My Country." The common duty of the citizen, man or woman, in time of war, we all admit; why call it monstrous in time of peace? Love of humanity is the same feeling as patriotism, only larger.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

'Tis well our hands must still keep toiling on For others' sake. For strength to bear is found in duty done, And he is blest indeed who learns to make The joy of others cure his own heartache.

In serving fellow mortals, We best serve the Father, too, And in lightning their burdens, Ours grow lighter and fall from view.

Each day has its special privileges, as well as its special duties. The morning is a good time for considering in advance the duties. The evening is a good time for considering in retrospect the privileges. "What ought I to do today?" is a good question to start



Gold Watch FREE AND RING

We positively give both a Solid Gold Watch and a Solid Gold Ring, set with a Famous Congo Gem, sparkling with the fiery brilliancy of a \$50 diamond, for sending 20 pieces of business jewelry at 10c each. Order 20 pieces and when sold send us the \$2.00 and we will positively send you the watch and ring; also a chain, Ladies or Gent's style. **ALTON WATCH CO., Dept. 131, Chicago.**

out with. "What have I gained today?" is a good question to wind up with.

WOMAN.

Woman is for soul, for thought, for love, for bewitchment, for romance, for beauty and for man. She is for all time and after time. She is for memory and for hope. She is for dreams beautiful. She is for poetry and art. She is for the fulfillment of the human imagination. She is for the household and her mate. She is for everything that is worth anything. She is for life. She is for faith, for earth and heaven. She is for summer and for winter, for the glory of the world, which would be intolerable without her. She is for delicacy and for daintiness. She is for youth, middle age and old age. She is for the merry hearted and the weary footed. She is the crown of creation, the consummate masterpiece of nature and the very soul of love.

FOR THE LUNCH BASKET.

A sandwich dear to childhood is simply bread, butter and sugar, with a liberal sprinkling of powdered cinnamon. Try this for the school lunch basket. A handful of dates is an excellent addition to the lunch basket; also an envelope full of shelled nuts. Soft dairy cheese now comes in tiny pots costing five cents. One pot should serve for two days' luncheon, the little pots afterward serving to hold jellies and preserves.

AUTUMN BREAKFASTS.

No housekeeper need be at a loss in deciding

what to serve for the early meal, now that the tomato season is here, because they are such universal favorites and find a welcome even when served as the mainstay. I know of no better or more tempting way to prepare a morning dish of them than by broiling them. Cut flat ones in halves, without peeling. Dip each cut side into melted butter, then into fine bread crumbs, dust over with salt and pepper, place in a wire broiler, and broil them directly over a hot fire. When nicely browned on each side, transfer to a hot dish, dropping a piece of butter on each piece prior to setting on the breakfast table. If this dish is properly prepared it is, with toast and coffee, a very palatable and satisfactory fall breakfast.

Tomato toast is another way of serving the seasonable tomato. A quick way is to stew one quart of ripe tomatoes, seasoned with one tablespoonful of sugar and one-half teaspoonful of salt, and pour the tomatoes over graham toast.

FOR THE COOK.

Split Pea Soup—Wash one pint of split peas in cold water and pick out those that float. Soak over night in plenty of cold water. In the morning drain them and cover with a quart of boiling water. Cook until tender. Then add one pint of boiling water and one quart of stock (if you have none on hand you can make it from a few cracked bones and bits of meat fresh or cooked). Press the soup through a sieve; return to the kettle and let boil up once. Season with salt and pepper and serve with croutons.

Baked Beets—After boiling the beets until nearly done, remove the skin, arrange them whole in a baking dish, pour over them a little water, turn frequently, taking care not to break them. When done, serve with a sauce of butter, salt and pepper.

Spoon Bread—For this use cold hominy. To one cupful of hominy add two cupfuls of sweet milk, one teaspoonful of butter, a little salt and two well-beaten eggs. Beat until smooth, turn into a buttered pan and bake brown.

Rice Balls—To one pint of hot boiled rice add a large cup of finely-minced cooked chicken, a well-beaten egg, salt and pepper to taste, and sufficient thick cream sauce to moisten slightly. Mix all smoothly together, and when cold form into small balls, egg and bread crumb them and fry them in deep fat.

AMONG OURSELVES.

I wonder if the circle is waiting with curiosity for discussion on the subject of American-born girls marrying foreign-born men? I hope it is, for the subject is eminently practical, as well as capable of interesting development. It will be opened by our old friend, Mrs. Laura Lewis. She comes Among Ourselves to give that most valuable contribution to such a subject, personal experience:

SHOULD OUR AMERICAN GIRLS MARRY FOREIGNERS?

If they are very, very sure that they love them, and equally sure that their affection is returned, I say, yes, for no man, be he foreign born, or American born, who truly loves his wife, will make a slave of her. I was born and raised less than one-half mile from our present home, while my foreign-born husband first opened his eyes to the light of this world on the little island of Moen, lying south of Denmark. There he lived until he was nine years old, when he came to America. We first met when children, twelve and fourteen years of age. Our childhood friendship strengthened as the years went by until at the ages of twenty-three and twenty-five we became husband and wife, now almost sixteen years ago. Never, for one moment, have we regretted the step taken at that time. I have not been expected to work outdoors, and I have yet my first time to milk a cow since I have been married. I can do it if necessary. I used to help some with the garden when first married, but of late years my hands have become so full that my husband does all the gardening. When the children were all small and it was impossible to get any help in the house my husband has neglected his work in order to help me. In fact, he has helped me more with my work than I have ever helped him. I will not acknowledge being lazy, either. A half mile from here lives a foreign-born man and his American wife; one-half mile farther on

lives another foreign-born husband and American wife. I have known several others, and with one exception they did not expect their wives to do near as much as Mrs. Eugenia enumerates. On the other hand, I know several American-born husbands who lie and snooze in the morning, while their wives get up and build the fires and get the breakfast, and after breakfast these same wives do the milking and also work in the field. Yes, I know them; could call them by name. I have come to the conclusion that it is not so much the country in which a man is born as it is the man himself that makes the difference.

Let us make a note of this conclusion of Mrs. Lewis. It grows so naturally out of her experience that it is true to her, at least. The qualifying cause, an important one, is that America is a huge melting pot in which old metal is recast and restamped.

We have heard a woman; let us now listen to a man, "A Native Born," who looks at the subject from a somewhat unusual point of view:

This is my first attempt and probably the last, and I will state I am native born. We too often forget the true reason why man was created. Were we created to raise hogs, cattle, sheep or goats, build fine houses, make flower gardens, wash dishes, or cook? No. To propagate our own species (or raise children). This, and this only. All of the others are for their nourishment, education and enjoyment. A child born into this world deformed in body or mind is a rebuke to the parents that gave him life. Before we can discuss this matter aright we should agree on what marriage is for. If my diagnosis is right then American girls should marry foreigners or men anywhere they could find them that were sound in mind and body, that had kind and generous hearts and industrious habits. Such husbands would be kind and unselfish and would not expect more of their wives or children than was good for their minds and bodies. The god of wealth has so woven and entwined and instilled itself into American girls that it has driven out some of the nobler and higher ideals of life and left no place for goodness, love and domestic happiness. When a woman marries a man, rich or poor, she has married either a divorce or misery case, or perhaps both. When a man marries a housekeeper or a helper in the field he has driven out all in his life that is worth living for. We have too few noble men and women in this country. The divorce courts are my witnesses to this. Dear girls, let me say this to you, if you find a kind, noble and industrious man (a man is what you should marry), one that is above reproach, one that is obedient to his mother, truthful to his father, affectionate to his sister, noble with his brother, honest with his neighbors and generous with his enemies (if he has any), marry him then and there, even if you are not seventeen or sixteen, for that matter, for that will be the only chance you will get, though a foreigner he may be, and you will never regret it. But one word of caution—council is always good. You may not be a good judge of the creature I have described. You had better get the best council you can. The person least likely to give you poor advice, and the one likely to give you good advice at all times is no other than your mother—the one most interested in your future happiness. If she can find no fault with him you might call in father, sister and brother, and if none of these can find fault against him, foreign born or native born, high or low, rich or poor, learned or unlearned, you will have a good husband.

"A Native Born" is something of a sage. Some of the thoughts he gives us are very good, but he is not altogether a safe guide. The object of marriage is no longer exclusively the propagation of the race, and if girls were to delay marrying until they found men of whom every member of their families approved, most of them would die unmarried.

A man who claims to know the mind of God with regard to women comes to answer the questions propounded by Mrs. Streeter. Men of this class are disappearing with the increase of civilization.



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I bespeak the most careful attention for Mr. R. S., as we may never hear his like again:

Uncle Josh tried to answer Mrs. Ed Streeter's questions and made a failure if I am any judge. She asked plain, blunt questions, and they will have to be answered in a plain, blunt way, which will probably bring a storm of contempt upon anyone answering them. I will try it, anyway, but I don't want her to think that I don't respect women or have any hard feelings toward them. I pity them because they can't see their place any better than they do. As for Uncle Josh, he is blind, too, or maybe he is one of the kind that can see and trim hats, but to the questions: First, Why do men pretend to have contempt for women just because they are women? They don't! It is when women try to be something else that they are held in contempt. Imagine yourself up in a balloon, where you could see all the big cities and factories, and railroads, at one time. See the skyscrapers, the complicated machinery working, the steamboats and trains, and ask who does all that, women? No; men. But you will say women are not expected to do that. Exactly so. We know they can't. It is when they think they can that men hold them in contempt. Then what are they supposed to do? Keep house, cook, be wives, daughters, mothers and sisters. That is what God intended them to do. When you don't do that, not only men, but God himself holds you in contempt. Second, Why do men hate to go to church? I suppose she means married men. Uncle Josh says the young men go to take their girl home. No contempt or religion, either, in that. The reason that the married men don't go is because they don't have to go to be religious. There are lots of useless fads and formalities about going to church. Suppose Mr. Streeter went to church in hob nail shoes, blue overalls, shirt sleeves, with the collar open, slouch hat and heard about ten days old. Honestly, now, wouldn't you growl just about as much as if he did not go at all? Do you suppose God will care how he dressed? He can worship the Lord a good deal better by himself by being among God's works, the fields, grain, and flowers. It is not necessary to be in mock society to worship God. Christ himself would go by himself to pray, and even called

some of the churches a den of thieves, etc. Third, Why do men growl if we want them to clean their shoes when coming in the house, etc.? They growl in answer to your growl. You growl first and they growl back, just like two dogs meeting in the road. Next time he comes in with muddy feet don't say a word, and see if he growls. He built the house to get in out of the weather. In muddy weather he expects the floors to be a little dirty, but you want him to pull off his shoes at the barn and fly to the house. Do you growl if the preacher comes in with muddy feet? Do you keep your towels as clean as the floors? Suppose your husband refused to go out at all when it was muddy for fear of bringing mud in the house. How could you live? And, last, why do they leave their old clothes, shoes, etc., lying around for you to pick up? They don't. Just leave them where we put them. We don't want you to pick them up because it will take lots of precious time to find where you put them. Just let them lie where we drop them. But you are afraid somebody will come in. That has always been a bugbear for women. They have worried half their life away for fear somebody would come in and see something lying on the floor. Be natural, loving and kind. If you can't don't make both lives miserable. Separate and see if you can suit yourself.

Mr. R. S. expected a storm of contempt. As he is intelligent enough to realize that the views he holds are not likely to be welcome in a circle of intelligent men and women, comment is unnecessary. Mrs. Streeter's questions have not yet been answered satisfactorily. I wish a representative, twentieth-century man like Reine's Husband could be induced to give his views frankly.

Letters are oftentimes like windows, through which one sees into the very soul of the writer. Not a man Among Ourselves but will think the husband of Fern a happy man, and the women—but read and see what you think, sisters. In discussing the topic sug-

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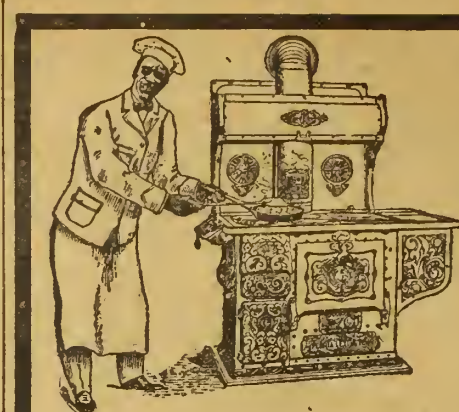
Oven Thermometer

gested by Aunt Ruth, Fern goes to the heart of things in a very beautiful spirit:

So many interesting subjects have come up Among Ourselves lately that I would think each week I must speak, but for want of time have waited to see what others would say. But I did feel so stunned and grieved over Aunt Ruth's letter that I will speak, I do not wish to be unkind, but it really seems strange to me that one who has such ideas of homemaking would care to read our Home Department. I do not refer so much to her opinion about girls and women working outdoors, but to the sentiment in general expressed so clearly, and the way she would have us deal with the brothers, fathers and husbands to make them respect and love us more. But first let me say that Aunt Ruth did not tread on my toes, for, owing to want of time, strength and robust health, I have never worked in the field nor milked a cow. In fact, have not been able to do any of the many things I would have loved at times to do to help my husband. But for his comfort I could be thoughtful. Is he not supposed to get tired when working from five in the morning until eight at night all through the busy, hot summer? I

do not think it lowers me in his estimation if I have the cistern full of freshly-pumped water, the wash basin empty and clean, a fresh towel on the hook and each meal on time. It has always been my special delight to try to keep the dining room cool in hot weather, the table neat and laid with care, and a bowl of fresh flowers on the dinner table if possible. If any of these things fail to be done does he speak of it? No, but what I do try to do he appreciates. Just as I appreciate his always taking the water pail from my hand if he sees me, helping with the washing or any other hard work that must be done. I think we should study duty less in our homes and study love more. I do not like the word duty in connection with home life. I do think that a great deal depends upon the early home training of the boy and girl, fitting them to be selfish or unselfish in their love and homemaking. I surely do not think it degrading to a girl or woman to help outdoors, but how can a wife find the time, even though well and strong to do more outdoors than to raise chickens and help with the garden if she keeps her home properly, gives some time to the care of the mental and spiritual as well as physical growth of her children, and, oh, the importance of the time that belongs to the children; does the sewing that must be done, and all the numberless things that fall to a woman's lot to do? A good wife will plan to spend the money economically and well, and we figure that to be a great help. I say "we," for there is no divided money in our home. We plan together to spend what there is to the best advantage. In the fifteen years of our married life this has been our habit. If the pocket-book became empty, as it sometimes has, we both understood and love lightened the way. If it began to bulge with its contents, how we enjoyed together the new piece of furniture or any articles that came to beautify the home, or from time to time the piece of machinery and outside improvements! In conclusion I would say that if daughters have time and strength to help their fathers and brothers, who will not honor them for so doing?

The end of this month should properly see the discussion of this matter brought to a close, but I have such a number of good letters—really fine letters—on hand, that I fear other subjects will have to wait a little longer. Will friends who are anxious for a change kindly



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PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.

The International Sunday-School Lesson.

Fourth Quarter. Lesson IV. Matt. XXVI, 6-16 October 28, 1906.

Jesus Anointed in Bethany.

Jesus had worked His greatest miracle under the very eaves of the ecclesiastical establishment. It was accepted as a challenge, and steps were immediately taken to compass His death. His hour not yet having come, the Master retired to Ephraim, twenty miles away, near to the wilderness or sparsely populated country. There, in company with His disciples, He passed the time in physical and spiritual recuperation. A price was practically set upon His head, for the chief priests and Pharisees had given notice that if any one knew where He was he should give information in order that the arrest might be made. With mingled motives of curiosity, admiration, and opposition the people who had come to Jerusalem in large numbers to attend the Passover, made quest for Jesus. For the time He eclipsed both temple and ceremony. As the days passed they began to say to each other in their disappointment, "Is it possible He is not coming to the feast at all?" But when the time was fully come, the Master resolutely set His face toward that slaughter-house of the prophets—Jerusalem. He was fully cognizant of all the peril of going to the city at this juncture.

It was in this instance that one significant incident like a shaft of light fell across the inky blackness in which His life closed. It was that high and loving courtesy shown Him in the home in Bethany. They banqueted Jesus. They made a supper in His honor, and in grateful recognition of His merciful deeds.

In the noblest villa of the suburb of Jerusalem, the table with its damask coverings was set in hollow square, as the custom was. It was surrounded by richly upholstered couches. Shaded lamps cast their full radiance upon the goodly scene. Eye, nostril, ear and palate were delighted. Color, fragrance, music and viands matched these several organs of sense. According to Oriental custom villagers hung like an animated fringe around the table, sharing with the invited guests sight of the cheer and gladness. On either side of Jesus reclined the trophies of His power—Simon whom He had healed of leprosy, and Lazarus

have patience? The volume of correspondence provoked by Aunt Ruth is eloquent testimony to the wide-spread interest being taken in the consideration of the propriety of women working in the fields.

whom He had revived from death. Noble and beautiful women graced and adorned the scene and hour.

One significant and timely deed lifted this feast to the level of a sacrament. Out of her boudoir Mary brought the most precious thing it contained—an Oriental cruse of alabaster, filled with genuine liquid perfume, very precious, the seal of which had never been broken. Her unspeakable gratitude would fain express itself in a deed of reverence and love. Unstintedly she poured the costly liquid upon Jesus' head and feet, using her luxuriant tresses for a towel. In a moment every recess of the house was filled with the subtle and delicious fragrance.

But as may be expected in every human gathering, which of necessity must contain some whose ethical evolution is retarded or stunted, an apple of discord was thrown into his feast of love. It came from the very hand that was flinging from the common purse of the apostles. Judas stole the livery of charity in which to serve his own cupidity. He affected benevolence that he might cover his own grasping spirit. Some of the apostles were evidently infected with his grasping spirit, and at least joined mildly in the specious protest.

Right royally did Jesus come to defense of Mary and her deed. He interpreted her action and put the seal of His Divine approval upon it. If she gave Him momentary and passing embalming, He embalmed her forever in the ineffable incense of His praise: "She hath wrought a good work. She hath done what she could. Whosoever this gospel shall be preached there shall also this that this woman hath done be told for a memorial of her." A practical principle of life is irradiated in connection with this incident. Jesus affirms that deeds which can be done any time must give place to those which can only be done just now. "The poor are always with you; not so I."

The banquet intended for His honor really set the seal of Jesus' doom and hastened it. The banquet couch proved a pedestal to lift Him not only in sight of the admiring people, but also of His implacable enemies. The end of it was that not only "much people knew that He was there and came," but immedi-

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The Teacher's Lantern.

A lesson in sacred aesthetics is here. Money spent to adorn and beautify religion is never to be begrudged. A cathedral, for example, is a monument to the divine. It teaches and inspires. So wealth expended in awakening the sentiment of worship is never lost. It is always justifiable. Proportionate expenditures upon the artistic and tasteful are to be commended. They are definite contributions to ethical and spiritual evolution.

Much has been said of the "loneliness" of Jesus. But it must also be remembered that He was also much in society. The references are numerous enough to affirm a habit. He adorned and beautified many a supper and wedding. His social side was not atrophied.

Judas, by reason of the enormity of his crime, is almost excluded in the average thought from the role of human beings. But it admits of question whether there are not men now living who under similar circumstances would not do exactly as Judas did. He was a man, not a devil from the nether world.

Martha did not sulk. Jesus had on a previous visit criticised her for being troubled with much serving. She did not on that account fly moodily to the other extreme and refuse to serve at all. It is very significant then (although it might be overlooked), when the record says, "Martha served." Taking criticism is a fine art as well as giving it.

Judas' proposition cannot be disputed. It was a great sum—\$100 in perfumery!

The wages of a laborer for a whole year! But no higher use of that money could have been made than was made of it. It was a sacramental act. It was an expression of gratitude and reverence. While it did not preclude deeds of charity the latter could not be any substitute for it.

That home at Bethany was ideal. The meshes of the domestic net were soft as silk, but firm as steel. No wonder Jesus loved to be there.

An adult Bible-class is said to have spent the entire hour in discussing the shape of the alabaster box. It is to be feared that many are busy over husks and shells, pure technique—geography, archaeology, and the like, but never reach the subtle fragrance of the ethical and spiritual meaning.

Analysis and Key.

1. Jesus in His retreat. Awaits His hour at Ephraim. Recuperation, physical and spiritual.
2. Popular quest of Jesus. Eclipses temple and ceremony. For the time. Query, "Will He come?"
3. His hour come. Jesus goes. Cognizant of peril.
4. Jesus banqueting. High and loving courtesy. Recognition of merciful deeds.
5. Mary's anointing. Raises feast to sacrament.
6. Apple of discord. Thrown by hand that filched the common purse. Judas in livery of charity serves his own cupidity.
7. Jesus' defense of Mary. Interprets His action. Seals it with approval.
8. Banquet couch a pedestal. Raises Him to view of His enemies. Seals His doom.

Dressmaking and Millinery—No. 540.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Now that the vogue of plaid is established and the majority of us are coming to like it, even though at first we were very certain we would never have it among our belongings, it is well to keep an eye out for some of the designs that are especially adapted to its making up. The Norfolk jacket and the pleated skirt appear to find great favor when plaid materials are being used for a costume, and the one shown herewith appeals to the fancy, if such design is desired. The Norfolk jacket is one of the easiest models for the amateur dressmaker, as it is not necessary that an extremely close fit be effected. Rather the jacket is intended to be half-fitting. No. 5474 pictures one of the new designs in this mode, and in this it is shown made up as a suit garment in plaid. The cuffs, collar and belt are of velvet, but may be of the material or of plain cloth in the prevailing tone of the plaid. It is well to note in this connection that velvet touches are the very height of style at the present, and they seem, in a special way, just what is needed on plaid. The strappings on the seams from the shoulder to the bottom of the jacket are of the plaid, and these may be piped with the velvet with good effect, although not so shown in the illustration. The buttons are of dull gold (effect), but velvet covered buttons to match the trimming may be used instead. Buttons, you know, are the feature of the season, and should not be dispensed with. No. 5474 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure. Give size when ordering.

The skirt shown with the jacket is No. 5474, and is a nine-gored model, having a box pleat on each seam. It is scarcely necessary to repeat that the pleated skirts are still in highest favor, and that they are a wise choice for plaid fabrics. The skirt is very simple, but may be made a

little more elaborate by using strappings of the plain material on the jacket, these running down from the waist line half or



[5474—Norfolk Jacket.]
[4974—Nine Gored Walking Skirt.]

two-thirds the length of the skirt. Bands of velvet or of braid may trim the skirt around the bottom. Any suiting liked may



[5480—Girl's Russian Blouse Suit, 6 to 12 years.]

be used for this costume. Pattern No. 4974 is cut in sizes for a 22, 24, 26, 28 and 30-inch waist measure. Give size when ordering pattern.

The Russian blouse suit is one of the fa-



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The Normal College. This is a thoroughly equipped Normal School which makes a specialty of preparing teachers for all grades of public school work. There is also a special Primary Training Department with practice school. Supervisors Course in public school drawing. Tuition for a quarter of twelve weeks, \$12.00. Send for free catalogue.

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College of Engineering. The largest and most completely equipped Engineering Schools in the West. Civil, Electrical, Mechanical, Steam, Traction Engine, Telephone, Telegraph, and Machine-ists' Courses. Thoroughly equipped machine and wood shops. Complete Electrical and Chemical Laboratories. Shop work from the beginning.

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Tuition three month's in Business Course, \$12.00. Scholarship in Shorthand and Telegraphy \$40.00.

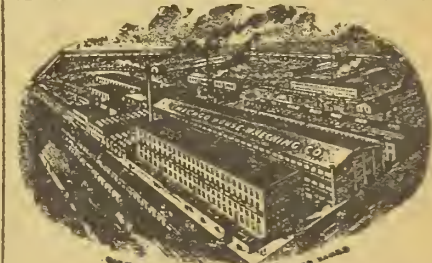
FREE TUITION

Ten weeks to the first student to enter the Southern Minnesota Normal College from any post-office, \$1 a week to all others. Board \$1.75, room rent, 50c per week. Study Teacher's, Normal, Business, Shorthand, Law, Music, Art and Common School Branches. Enter at any time. Backward students receive special attention. Don't decide where to go to school until you see our catalog. Address, CHAS. R. BOOSTROM, 962 College St., AUSTIN, MINN.

PILES cured. Most cases get well after one application of medicine without pain one hour, then go about your work. No matter how bad or long standing your case, you should go at once and take this treatment. No knife or scissors used. Pay when cured. Examination free. Dr. J. C. McLoughlin, 351 Junction Bldg., Kansas City Mo.

ROYAL PITLESS WAGON SCALE
SOLD on 30 days free trial. For catalog and discounts, address, Monarch Grubber Co., Lone Tree, Ia.

The company's largest and latest purchase, the St. Louis Exposition, added much to their stock. It brought them something like 100,000,000 feet of lumber alone, besides, train loads of other building and furnishing material. Aside from the fairs, this company "wrecks" nearly all the government and public buildings that are to be dismantled. Not only this, but they have a force of most inveterate and successful bargain hunters in the world, constantly making purchases on an immense scale at sheriffs',



receivers, and other forced sales. This adds much to their stock in the way of variety. But all this vast supply of materials does not remain long at headquarters. Thousands of car loads of goods secured at St. Louis have already gone out. Farmers have been liberal and satisfied purchasers, and now some of the fair lumber is housing mills, factories, churches, stores and farm buildings throughout the country. Some of the larger sales of their material have gone to build bridges, a steamship pier in New York, car shops at Harvey, Ill., and other structures in large numbers. A visit to Chicago would be incomplete without a look in and about the great plant and workshops of the noted Chicago House Wrecking Company. Their business system is marvelous in its capacity to strike out and include the world in its daring ventures. Yet infinite care and thought are devoted to the minutest detail of business that no by-product shall be wasted, no source of gain overlooked or not even the smallest customer dissatisfied. Their method of doing business is well illustrated in the complete and extensive catalog which they send free of cost to those interested. Please mention this paper.



shelters thousands and thousands of articles, from the smallest pieces of elegant furniture and decorative material to dynamos and engines of every conceivable pattern. One may see in this great storage room miles of sewer and water pipes, acres of lumber, doors and windows, and in the ware rooms tons of all kinds of iron supplies and fixings. The noted Ferris wheel which did duty at Chicago and St. Louis now lies in a heap, cogs, shafts, beams and wheels.

Ask for The Shoes With a Buffalo Calf They Will Stand All the Hard Knocks You Can Give Them

"BUFFALO CALF" Shoes are made from the skins of young cattle. They are very tough and close fibre and our Dongola process of tanning sets this fiber together and adds to the wearing qualities of the leather. After tanning, this leather is softened by hand working and "boarding," just as the Indians soften buckskin. That is why "Buffalo Calf" Shoes are always soft and do not harden after wetting. Leather softened by artificial greasing retains a lot of tan juice, and this not only irritates your feet, but when the grease is worked out, the leather hardens. Soles of "Buffalo Calf" shoes are made from Hemlock tanned Texas steer hides, and all counters, insoles and slippers are solid leather. Another thing—If you were to tear off a toe cap of a "Buffalo Calf" shoe you would find the vamp toe continuous—clear over to the sole. We make them this way so that if you wear off a toe cap, the vamp toe will still be good. Ask your dealer for "The Shoe with the Buffalo Calf." Every pair of "Buffalo Calf" shoes has tied to one of the straps a little piece of our special vamp and upper leather, cut in the shape of a Buffalo Calf. If you can tear this leather with your fingers we will send you a new pair of shoes FREE. This will prove to you how tough and durable these shoes are.

If your dealer does not carry "Buffalo Calf" shoes, write to us and get one of the little buffalo calves to test.

"Buffalo Calf" shoes are made in all sizes—men's, boys' and youth's—and they don't cost any more than common shoes.

Bentley & Olmsted Company, "The Western People" Des Moines, Iowa.

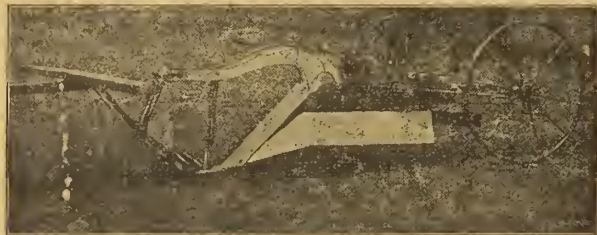
LIVE STOCK SALES

O. A. Wright Sale of Durocs.

Mr. C. A. Wright, of Rosendale, Mo., "the stock feeder man," held his sale of Durocs on Thursday, October 18th. In connection with the sale Mr. Wright had arranged a seed corn contest, paying \$15 in cash for the best dozen ears of corn, the premium to be divided into five moneys. A fine display was made and the farmers took much interest in examining the various samples and comparing notes on the best varieties to be planted in their locality. The judging of corn was finished before dinner and immediately after Mr. W. P. Morrison, of College Springs, Iowa explained why he gave the premiums to the various samples of corn. The crowd had by this time become seated in the commodious tent and the hog sale was commenced. Only a limited number of breeders responded to Mr. Wright's invitation to attend his sale, and to these few breeders much credit is due for their promptness in bidding on the better things. The farmers who had come in goodly numbers bought freely and secured many fine specimens of the breed at far cheaper prices than they could be bought at private treaty. Mr. Wright had advertised to sell eighty head to the highest bidders and with so large an offering many had waited until over half had been sold before they were willing to raise their hands and pay what the hogs should have brought. As the sale drew toward a close prices ruled stronger, and at the close, hogs brought 25 to 50 per cent more than at the opening of the sale. Seventy-six head were sold at an average of \$22.83. The top price was \$51, paid by Mr. G. B. McMurray, of Maryville, Mo., for a March gilt. Mr. Claud Bowman, of Savannah, Mo., bought thirteen head of gilts and will start a good herd. Mr. John Hoiste, of Massena, Iowa; W. A. Rankin, of Carson, Iowa, and T. G. Nash, of Pickering, Mo., were the breeders from a distance who bid on and took the better things. Following is a list of all sales of 25 and over:

Lot.	Price.
2 Boar, W. L. Wright, Rosendale, Mo.	\$25
13 Sow, Claud Bowman, Savannah, Mo.	27

A NEW TILING MACHINE.



Land tiling is fast becoming universal on the farm. As yet it is very slow and expensive. The farmer should therefore heartily welcome the appearance of a new ditching machine now on the market. This is known as the "Cyclone" and is made by the Jeschke Manufacturing Company, of Bellevue, Ohio. Its simple and practical construction should at once appeal to everyone, either the farmer or the contractor. The statement that it will cut from 400 to 500 rods per day should be a guarantee of its efficiency. There is plenty of time yet this fall to use the machine, so write for prices immediately and mention this paper, if you please. Address the Jeschke Manufacturing Company, Bellevue, Ohio. See page 6.

17 Sow, same	33
4 Boar, H. Calkins, Filmore, Mo.	30
5 Boar, I. E. Howard, Whitesville, Mo.	25
6 Boar, M. F. Kiple, Graham, Mo.	29
35 Sow, A. F. Russell, Savannah, Mo.	30
38 Sow, Claud Bowman	27
40 Sow, G. B. McMurray, Maryville, Mo.	31
44 Boar, Perry Cochran, Fillmore, Mo.	42
45 Boar, Rush Davis, Bolckow, Mo.	26
52 Sow, L. E. Galbreth, Graham, Mo.	28
56 Sow, G. B. McMurray	51
67 Sow, T. G. Nash, Pickering, Mo.	41
68 Sow	35
69 Sow, C. C. Coffman, Savannah, Mo.	32
70 Sow, same	29
71 Sow, Geo. Ferguson, Rosendale, Mo.	28
72 Sow	29
73 Sow, B. J. Holt, Rosendale, Mo.	29
74 Sow, C. Gibson, Rosendale, Mo.	28
75 Sow, R. J. Holt	29

R. G. Robb & Son Sale.

As per previous announcement in The Homestead, October 18th was the day set for the R. G. Robb & Son dispersion sale of Short-horn cattle. The day was an ideal one, so far as weather conditions were concerned, and the announcement of this important dispersion sale brought forth a goodly number of buyers from various sections of Iowa, Missouri and Illinois. As a whole, the sale must be classed a success. However, some excellent bargains were in store on many of the best cattle. Unfortunately, the plum of the sale, Lot 1 of the catalog, Imp. Craikstone Beauty 6th, had died of blood poisoning a few days prior to the sale, and one of the best bred cows in the entire offering, Pleasant View Victoria, fifteen years old, sold at the beef price of \$60. She was bred February 21st and did not show plainly to be in calf. The beautiful Lavender cow, Lavender Blossom of Beaver Creek, had lost her last calf and was but recently bred. This cow, by all odds, was entitled to top the sale, but for this unfortunate condition, which brought her selling price down to \$155. These explanations are made to show why

Augustina of Honey Creek, one year, sire Graceful Archer, G. W. Brown, Indianola, Iowa	120
Augustina 5th, two years, sire Lord Darnley, G. A. Bonnewell	200
Augustina Pearl, one year, sire Lord Darnley, Joseph Miller & Sons	185
Cherry Grove Foxglove 2d, seven years, sire Scotch Cup, and h. c., G. W. Brown	235
Empress Foxglove, two years, sire Emperor 2d, G. W. Brown	120
Honey's Creek Foxglove, one year, sire Victor Archer, W. W. Vaughn, Marlon, Iowa	150
Graceful of Orchard Farm, eight years, sire Iowa Scotchman, Joseph Miller & Sons	190
Graceful of Honey Creek, two years, sire Clan Craikstone, M. Wilsey	150
Aberdeen Butterfly 16th, six years, sire Royal Baron, and h. c., R. S. Buck, Wyman, Iowa	175
Lavender Blossom of Beaver Creek, seven years, sire Duke of Oakland 2d, J. R. Johnson, Columbus Junction, Iowa	155
Dorothy, eight years, sire Royal Mysie 3d and h. c., J. K. Dunn, Wyman, Iowa	100
Miss Imperial 2d, five years, sire Royal Mysie 3d, and h. c., J. R. Johnson	125
Miss Imperial 3d, three years, sire Imp. Golden Archer, and c. c., G. L. Jones, Kalona, Iowa	100
Archer's Belle, four years, sire Imp. Golden Archer, and h. c., J. R. Johnson	110

BULLS.

Imp. Clan Craikstone, four years, sire Clan Forbes, Nelson Stead, Joy, Ill.	175
Graceful Archer, two years, sire Golden Archer, Brown Bros., Oille, Iowa	225
Honey Creek Archer, one year, sire Victor Archer, Grant Marquis, Alcedo, Ill.	250

SUMMARY.

42 females	\$4,525.00; average	108.00
9 bulls	1,067.50; average	117.00
51 head	5,582.50; average	109.00

The Homestead and The Homemaker \$1.25 per year.

LANDS AND HOMES FOR SALE.

PRESIDENT ROOSEVELT says: "Texas is the Garden of the Lord."

GREAT IS TEXAS

NO BETTER INVESTMENT PROPOSITION.

We say Amen! After having seen the lands of 14 agricultural states and 4 provinces of Canada, we think the lands south of San Antonio are the Center of the Lord's Garden. They are our specialty for homeseekers and investors. For free 32 page book of information on Texas, write or call on

INVESTORS & HOMESEEEKERS REALTY CO.

621 Hall Bldg. Kansas City, Mo.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

IMPROVED 60 acres near town and school, 45 acres cultivated; plenty water, \$55. Easy terms. Other bargains, all sizes. Armitage & Moffitt, Afton, Ia.

LOOK! 480 acres, excellent farm; all improvements 300 cultivated; just right for diversified farming. Cheap. National Agency, Fergus Falls, Minn.

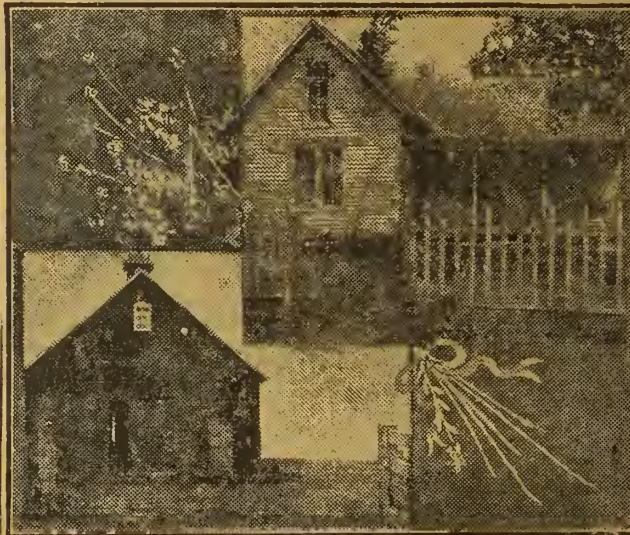
When writing to advertisers please mention this paper.

the average of the Robb cattle was not better than shows in newspaper reports. With these conditions eliminated, the average would doubtless have been considerably above the subjoined report. Neither of the herd hulls were appreciated to their fullest extent, both selling far below their real worth. Colonels Bellows and Jones did excellent work, selling in turn. The Robb cattle made an average of \$131. Messrs. Carrithers and J. J. Robb had contributed some fifteen head to this sale of cheaper cattle which materially reduced the general average.

FEMALES.

Graceful Beauty, one year, sire Graceful Archer, M. Wilsey, Center Point, Iowa	\$125
Victorious Beauty, two years, sire Victor Archer, Joseph Miller & Sons, Granger, Mo.	200
Golden Beauty, three years, sire Imp. Golden Archer, Forest & Dunham, Miles, Iowa	190
Imp. Augustina 3d, seven years, sire Royal Pride, G. A. Bonnewell, Grinnell, Iowa	340

A Missouri Farm Bargain.



300 Acres in Mercer County, Missouri

THIS FARM is located only four miles from a good railroad town and about ten miles from the county seat. It is well improved with a good house, barn 30x50 and other buildings; a fine well and windmill. There is also a good bearing orchard and the place is well fenced and cross fenced.

The land is rolling enough for good drainage and the soil is rich and productive. It is the very best corn land, producing from fifty to seventy-five bushels to the acre. Two hundred acres are in cultivation, the balance in good tame meadow and blue grass pasture. There is some timber sufficient for fuel and posts.

Mercer county is one of the best farming counties in Missouri and this farm is in the best part of the county. The owner will sell right on favorable terms, or might consider a smaller farm, live stock and other property in part payment.

Send for our new illustrated catalog of improved farms. It is the most attractive list we have ever issued and offers many unusual bargains. The descriptions are complete and the illustrations are from actual photographs of improvements on the farms described. It is printed in handy folder form on good paper and contains a large map of Iowa.

We have a few good farms to exchange for city property, merchandise, etc.

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FOR LAND SEEKERS.

The Denning Canadian Land Co.

We have a rate of \$10.50 to our Lands and return every Tuesday of this month. In the famous district at the option of the purchaser we guarantee your investment. At the end of five years we will refund all principal and interest you have paid and take back the land and allow you 5 per cent on the same. We will also sell you a farm on the crop payment plan. THE ONLY COMPANY IN THE WORLD THAT GUARANTEES YOUR INVESTMENT.

Room 50 Kimball Bldg.

Cedar Rapids, Iowa.

FANCY FARM

ABOUT 100 MILES SOUTH OF KANSAS CITY.

Is 640-acre improved corn, grass and stock farm I will sell for less than half its worth. It is good. One mile from station. Fine water. It was taken by a city man under a mortgage. He got it for less than one-third its worth. Don't know how to run it or what to do with it. Will you look it up? Well improved, complete farm. Only \$35 an acre. 2,540 acres at \$35 an acre.

J. H. LIPSCOMB, 336 Fidelity Trust Bldg., Kansas City, Mo.

480 ACRES

FINE, LEVEL LAND IN SAC COUNTY, IOWA,

near market, close to first-class graded school; ten minutes walk to two fine churches, Presbyterian and Methodist. Excellent neighborhood. Improvements: A well built, neatly finished, conveniently arranged, nine-room house with good stone basement; barn 48x48 in good condition; hog house 20x40; granary 30x40; corn crib 30x40; tool house 16x24; coal house, cattle sheds, and other buildings, etc. Inexhaustible supply of good well water with wind mill and tanks attached; two hog pastures of 12 and 35 acres, fenced tight; 2,000 tile put in recently; entire acreage well drained. Rented for the year 1907 at two-fifths crop. Possession may be had by paying tenant for full plowing and a bonus of \$200. For sale at a bargain. Write

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H. S. BURGIN, PRESIDENT.

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Main street and 12th. Modern. Nothing better to
trade. Want land.

5 modern residences, best neighborhoods, for land.
400 acres, unimproved, all rich bottom garden land,
25 miles of this great city—clear— $\frac{1}{2}$ mile of macadam
road right to the stock yards and all parts of the city
also, it. It. What have you?

30 acres clear—at the city limits, for land—or what
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24 of the best rental properties in the city—\$5,000 to
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20,000 acres, more or less, part or all—in Finney
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A. I. Missouri farms, Kansas farms and others for
sale and exchange.

Describe what you have and what you want.

William Lampmann,

Station A, Box 11, Omaha, Neb.

DEAR Sir:—Please send to me, free of charge, full
information about

IDAHO IRRIGATED LAND.

Yours truly,

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IN German settlement, also farms in Catholic settle-
ment. Fine churches and schools. Land in Dickin-
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kinds. I can sell you land for \$25 to \$40 an acre that
is producing as much as land in Indiana and Illi-
nois that is selling for \$100. Write for list of farms and
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HONEST LAND
MEN in the great
CORN and BLUE

GRASS region. All kinds of fruit and best water.
See Madison Co. before you buy. Write at once for
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Three hundred (300) choice farms. Address,
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740 ACRES, Chautauque County, Kansas. This
is a fine grain and stock farm. Is all good,
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pasture. Can all be cultivated. Good improvements.
Railroad station adjoining the farm. Good prospects
for all. Will sell on favorable terms or will take
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THE banner corn, wheat, cotton and for diversified
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BOUGHT, sold and exchanged. We have a large
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chasers solicited. Ref. Hartford National Bank.
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400 ACRES, two miles from important city.
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Write for information to
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is the most pro-
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Potatoes, Stock, Poultry. \$10, \$20, \$30 to \$50 per
Acre; will produce double cost first year. All sizes, any terms;
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240 acres finely improved, \$45, part
time; 320 best in county, modern
bldgs, \$60; 560 improved, \$15, many
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FOR SALE ON EASY TERMS, a 167 acre farm in
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per acre, fairly improved \$10 to \$18 per acre, rea-
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Level black loam. Milo J. Owen, Barton, Va.

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well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220
acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improve-
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provement, a lovely small home at the slaughter price of \$40 per acre. 82 acres, one-fourth mile to Kirks-
ville, good improvements and as near an ideal home in every respect as can be found, and we are only ask-
ing \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no bet-
ter land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody,
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failures are unknown: no bugs, flies or rust; freedom from electrical
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RAISER IN MICHIGAN. The great Chicago market is near by and freight rates
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PRAIRIE LAND

with some timber. Where can you get it except in
Canada? Best for grain and cattle. Good climate.
Five families in 1905, 600 families in 1906. Write
us for map and description. Some Homesteads left.
John half-fare Excursion. Cheap land on ten years time.
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MY FINE farm located in Buffalo County, 480
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under cultivation, balance pasture and wild hay
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of improvements on this land, a fine large new
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telephone in the house, one mile to school, five miles
to Riverdale, twelve miles to Kearney, located in fine
neighborhood, one of the finest homes in the state.
The owner lives on the land, 100 acres now in winter
wheat. This farm bears the highest investigation.
Price \$60.00 per acre. Also a fine little home of 20
acres, good improvements close to Kearney. Price
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800 ACRES, Keith County, Nebraska, six miles
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About 200 acres in cultivation; 200 acres in tame
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erty or small farm in part payment.
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ONLY A FEW OF THE BEST BAR-
GAINS I HAVE FOR SALE

120 acres @ \$55 per acre
40 acres, a snap, @ 75 per acre
80 acres @ 65 per acre
80 acres @ 75 per acre
40 acres @ 70 per acre
All within a mile of town, highly im-
proved. For full particulars address,

E. J. TRUMBAUER,
PATTERSON, IOWA.

I Can Sell Your Real Estate or Business
NO MATTER WHERE LOCATED
PROPERTIES and business of all kinds sold quick-
ly for cash in all parts of the United States.
Don't wait. Write today describing what you have
to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any
price, write me your requirements. I can save you
time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

FARMS FOR RENT. Iowa 80 to 640 acres,
Minn., Wis., Neb., Kan.,
Mo., Ill. Cash or share rent. Write for list.
Northern Iowa Land Co., Independence, Ia.

FOR RENT GOOD STOCK FARM of 320 acres,
Terms \$2.50 per acre. Address, J. F.
Lynch, New Hampton, Iowa.

AN HONEST BARGAIN.

555 ACRES, fine Grain and Stock Farm, 1
mile from station on main line R. R., 30
mils. from K.C. Over 600 A. fine upland, strong
black loam; all under cultivation and blue
grass; 60 A. river bottom Splendid 7 room
house and new \$2500 barn 65x90. Well fenced
and cross fenced. Here is a farm that anyone
can make money on. Price \$55 an acre.

Allen Investment Co.,
Cor. 9th and Wyandotte Sts. Kansas City, Mo.

LEAVENWORTH CO., KAN.

248 ACRES. Very fine land; $\frac{1}{2}$ miles from
station, 25 miles from K.C. 100 A. of this
the richest kind of level creek bottom land.
No better land in the world. Good house and
extra good barn, etc. Price \$75. It is worth \$100.

ALLEN INVESTMENT CO.
Cor. 9th and Wyandotte Sts. Kansas City, Mo.

UNIMPROVED FARM LANDS

In Osceola County, Michigan.

THIS group of lands was covered at one time with
hardwood timber, some hemlock, but no pine.
Soil is heavy and rich, clay or gravelly loam, well
watered. Crops: Good hay and grain lands; ideal
for potatoes; all fruits do well. These lands are
guaranteed to be as fine as any in the state, but are
still wild and covered with some timber and must
be cleared. Markets are plentiful and close and
on good railroads. Good schools, churches, roads
and telephone lines already built. Terms: Lands
sold for cash or one-quarter down, balance in five
annual payments, interest 6%. Price, \$12 to \$15
per acre. Write for booklet.

H. W. MARSH, MANISTEE, MICH.

WHY BUY LAND AT FANCY PRICES

IN the Canadian Northwest, thousands of miles
from markets, when you can buy good quality
land in the Clover and Tame Grass Belt of
Minnesota, near two railroads and less than
100 miles from the Twin Cities or 70 miles from
Duluth, at \$8 to \$10 per acre, easy terms? Whole-
sale tracts at dealers' prices. Agents wanted.
For particulars apply to the owners.

THEO. F. KOCH LAND CO.,
801 Globe Building, ST. PAUL, MINN.

OUR NEW STATE.

GREATER Oklahoma (Oklahoma and Indian Ter-
ritory combined) is a country for the investor.
Best farming lands on earth. The New State
Tribune, the biggest paper in the New State, tells
you, How, When, and Where to buy these lands.
"Big Pasture" will be opened by President's procla-
mation right away. Subscription one dollar year.
Seth K. Gordon, Dept. B.

New State Tribune, Muskogee, I. T.

Wheat, Dairy

CORN and STOCK RAISING LAND. Unim-
proved half section in Hettinger Co., North Dakota;
best of soil and water; land can all be plowed and is
in the best farming district west of the river. If taken
at once I will accept the low price of \$11 per acre on
reasonable terms, no commissions to be paid. No
trades. Write or call upon the owner.
E. M. KIERON, 311 Nicollet Ave, Minneapolis, Minn.

LAND SNAPS YOU can't find better land in
Kansas than we offer in Gove
County at from \$5 to \$16 per acre.
IN GOVE CO., Biggest crops in the state in
KANSAS. Gove county this year. Bargains
down. Easy terms. If you see this land you'll buy
it. Next expiration November 6th. For more
information write

W. F. SHELTON LAND AGENCY,
215 Sheidley Bldg., Kansas City, Mo.

NOTHING LIKE THIS.
2 800 ACRES; Eastern Kansas; 500 cultivation;
all but 200 good farm land; all black lime-
stone soil; good buildings; running water and wells;
price \$32.50 per acre. For further information and
plot write:
Willis & Co., Sale Agts., Emporia, Kan.

RANCH IN FLOWING WELL BELT.

720 ACRES of farm meadow and pasture land.
Will cut 180 tons of hay. 400 acres in pasture.
Three flowing wells. Write for terms.
H. S. WHITE, Amelia, Neb.

FARMS WANTED, in exchange for income prop-
erty, residences, hotels, elevators, mills, livery
barns, stocks hardware, groceries, dry goods, general
merchandise, stailions, registered cattle. Can get good
trade. Northern Iowa Land Co., Independence, Ia.

FOR SALE.
320 ACRE farm in Neb., 100 miles west of Sioux
City, 80 acres cultivated, 12 acres timber. For
sale by owners at \$23 per acre to settle an estate.
Address, J. C. Garland, Dubuque, Iowa.

KANSAS FARMS In Miami and adjoining
counties for sale at own-
er's prices. Write for
catalog. Address,
Chambers & Chambers, Oswatimie, Kan.

FOR SALE Farms, Reno and adjoining
counties; ranches west.
Write me what you want. A. M. Jewell, North
Main St., Hutchinson, Kan.

STOP! CHEAP SOUTH DAKOTA LANDS
10,000 acres. Great chances. Write
J. E. HAZLITT, Marion, South Dakota.

\$560 40 A. valley farm; 4-room house in southern
Missouri. McGrath, 2940 Prairie, St. Louis.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.
 Oct. 26, B. C. Marts, Polk City, Iowa.
 Oct. 26, H. B. Griffiths at Bowen, Ill.
 Oct. 27, J. A. Russell, Corning, Iowa.
 Oct. 27, G. A. Reil & Cooper, Ferris, Ill.
 Oct. 30, McNeil Bros., Bowen, Ill.
 Oct. 31, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Nov. 1, Ed. A. Baxter, Pawnee, Ill.
 Nov. 2, Fred Kraschel & Son, Macon, Ill.
 Nov. 2, Welch, Skinner & Son, Bedford, Ia.
 Nov. 3, Ernest Humbert, Corning, Iowa.
 Nov. 7, Thos. Johnson, Columbus, Ohio.
 Nov. 8, S. S. Puckett, Lynchburg, Ohio.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 9, Whiteball Farm, Yellow Springs, O.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 27, E. A. Olive, Scranton, Iowa.
 Nov. 27, Closing out sale, boars and sows, J. F. Lentz, Earlham, Iowa.
 Dec. 26, W. D. Pittman, Lake City, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Weber, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 28, O. L. Mossman, Polk City, Iowa.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Edmonds, Sbad & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, J. C. Porter, Ogden, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, J. A. Teter, Remington, Ind.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 11, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Aisin, Boone, Iowa.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, A. W. Harris & Son, Waverly, Ky., at Louisville, Ky.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Manlin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, Watt & Foust, Cedarville and Xenia, Ohio.
 Feb. 15, H. A. Sberwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lyden, Beldon, Neb.
 Feb. 18, A. E. Pousb, Chariton, Iowa.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
THE ONLY WAY DUCOC CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schaefer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schroterberg & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
SHROPSHIRE SHEEP.
 Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.
POLAND CHINAS AND HEREFORDS.
 Feb. 14, Peter Mow, Orange City, Iowa.
REGISTERED DRAFT HORSES.
 Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hart, Arrowsmith, Ill., Mgr.
O. I. C. HOGS.
 Nov. 2, O. L. Kerr, Independence, Mo.
SHORT-HORNS, POLLED DURHAMS AND POLAND CHINAS.
 Nov. 15, J. C. Glaser, Avon, Ill.
SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.
THOROUGHBRED HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.
HEREFORDS AND SHORT-HORNS.
 Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.
 Nov. 27-29-30, South St. Paul, Minn., D. R. Mills, Mgr.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.
 Oct. 30, E. J. Hayes, Hampton, Neb.
 Nov. 1, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 1, Jno. Rasmess, Lake City, Iowa.
 Nov. 5, S. E. Prather Co., at Springfield, Ill.
 Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
 Nov. 14, S. H. Thompson's Sons and Wm. Smith & Sons, West Liberty, Iowa.
 Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
 Nov. 20, J. W. Leeper, Auburn, Neb.
 Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 21, W. A. Forsythe, Greenwood, Mo.
 Nov. 24, W. M. McLemore, Seward, Neb.
 Nov. 27, 28, Parsons, Turner & Stewart, Newton, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Nov. 30, Wayne County Short-horn Breeders' Ass'n, J. S. Crosby, Secy., Corydon, Iowa.
 Dec. 7, H. S. Duncan & Sons, Clearfield, Ia.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 12, J. W. Hanna & A. Robertson, Garfield, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
 Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Dec. 19, C. A. Saunders, Manilla, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 March 20, James Stack, Harvard, Neb.
ABERDEEN ANGUS.
 Oct. 31, John S. Goodwin, Naperville, Ill.
 Nov. 8, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 23, J. Nissen, Meservey, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1-2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May-23, C. J. Martin, Cburdan, Iowa.
 June 4-5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.
HEREFORDS.
 Oct. 30, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
 Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
 Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 11-12, Armour-Funkbouser, Kansas City, Mo.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
GALLOWAYS.
 Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.
SHORT-HORNS AND POLAND CHINAS.
 Oct. 27, Geo. Manville, Fauett, Mo.
 Nov. 21, Saddler Bros., Hastings, Neb.
HOLSTEIN-FRIESIANS.
 Feb. 14, H. C. Gillsman, South Omaha, Neb.
SHORT-HORNS AND DUCOC JERSEYS.
 Oct. 27, A. P. Aisin, Boone, Iowa.
 Feb. 25, W. C. Cameron, Herman, Neb.
SHORT-HORNS AND POLLED DURHAMS.
 Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.
POLAND CHINAS.
 Oct. 27, Meese & McNutt, Ord and Comstock, Neb., sale at Grand Island, Neb.
 Oct. 29, B. M. Bell, Beattie, Kan.
 Oct. 30, G. B. Lobb & Son, Clay Center, Neb.
 Nov. 7, W. J. Crow, Webb, Iowa.
 Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 15, A. L. Meith, Cairo, Neb.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Nov. 26, G. B. Lobb & Son, Clay Center, Neb.
 Jan. 22, Roy Rockwell, Paulina, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 13, E. D. Keasey, Wiota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 20, C. W. Phillips, New Sharon, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
PERCHERONS.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
JACKS AND JENNETS.
 March 5, L. M. Monsees & Sons, Smubton, Mo.
SHORT-HORNS AND POLLED DURHAMS.
 Nov. 15, L. W. Barnhart, South English, Iowa.

FIELD NOTES.

Messrs. Watson Bros., of Creston, Iowa, have a number of good Duroc Jersey boars for sale.

Mr. John Weighton, of Audubon, Iowa, is offering a few good Duroc Jersey boars for sale.

A good bunch of Duroc Jersey boars are offered for sale by Mr. T. A. McMahon, of Craig, Neb.

Thirty-five Duroc boars are offered for sale at moderate prices by Mr. E. A. Shafer, of Sanborn, Iowa.

Mr. S. I. Welch, of Cherokee, Iowa, offers Duroc Jersey boars and sows for sale at very reasonable prices.

Duroc Jersey boars and Short-horn bulls are offered for sale by Mr. James T. Dollison, of Sac City, Iowa.

Mr. J. Nissen, of Meservey, Iowa, names November 23d as a date for a public sale of Aberdeen Angus cattle.

Mr. H. A. Sexsmith, of Greenfield, Iowa, has some good Ohio Chief and W. L. A.'s Choice Goods boars for sale.

Mr. Delmar McCann, of Kennard, Neb., is making special prices on Duroc Jersey boars for the next thirty days.

Ten good boars by the noted Duroc Jersey boar, Dandelion, are offered for sale by Mr. W. A. Peterson, of Lyons, Neb.

Some very choice yearling and spring Duroc Jersey boars are offered for sale by Mr. Harmon Gruver, of Brewster, Minn.

Mr. Arch Brown, of Waterloo, Neb., has named the date of February 10th as a date on which to hold a public sale of Duroc Jersey brood sows.

The first annual sale of Short-horn cattle by the Wayne County Short-horn Breeders' Association is announced to take place at Corydon, Iowa, on November 30th.

Some good Orion boars and several by a son of the sweepstakes boar, Gold Dust Jim, are offered for sale by Messrs. A. B. Easter & Son, of Fremont, Neb.

Some very top Duroc Jersey boars, sired by Glendale Jim, the second-prize boar at Des Moines in 1905, are offered for sale by Mr. J. S. Golder, of Scribner, Neb.

Mr. Arch Brown, of Waterloo, Neb., reports that his recent sale of Duroc Jersey swine was very satisfactory. Thirty head sold at an average of \$31 and the top price was \$51.

Mr. R. C. Poston, of Corydon, Iowa, is offering seventy-five good spring Duroc Jersey pigs for sale, sired by the great boar, Junior Jim, Arlon, Walter G., and others. Read his advertisement and write him at once.

Mr. A. H. Brett, of Mason City, Iowa, has postponed his sale, which was to have taken place November 9th. He will hold a sale some time in December or January, the date for which has not yet been named.

Mr. J. F. Lentz, of Earlham, Iowa, has sold his farm and must give possession. He is therefore closing out his entire crop of Duroc Jersey boars at greatly reduced prices. If you want a good pig at a reasonable price, write him at once.

Mr. E. H. Dancer, of Lamoni, Iowa, having sold his farm, is now offering for sale 100 choice English Berkshire pigs and matured hogs of both sexes. He will make prices very low if taken soon. Write him your wants, as he is sure he can please.

Three sales of high-class Duroc Jersey swine are announced to take place, in our date columns, as follows: 'Mr. Ira Jackson, Tippecanoe City, Ohio, February 13th; Mr. White Hall, Yellow Springs, Ohio, February 14th, and Messrs. Watt & Foust, Cedarville and Xenia, Ohio, February 15th.

Two hundred Duroc Jerseys, both spring boars and gilts, are now being offered for sale by Mr. W. J. Wendt, of Marcus, Iowa, and we can recommend them to any of our readers. His breeding is all right, his pigs are good and his descriptions can be depended upon, and last, but not least, his prices are extremely reasonable.

One of the best Duroc Jersey breeders in our sister state on the north is Mr. William Malcolm, of Bigelow, Minn. He won first and sweepstakes on his boar this year; besides, a great many of the other best prizes, and he also won the lion's share of the prizes in 1905. He has a good bunch of boars for sale, some by his sweepstakes boar and some by a son of Crimson Wonder I Am.

Messrs. A. B. Easter & Sons, of Fremont, Neb., report the sale of the two Duroc Jersey boars that they have been advertising, one going to Mr. R. B. Snider, of Fremont, the other to Mr. L. T. Williams, of the Woodlawn Farm Company, of Sterling, Ill. They now announce for sale in their advertisement on page 38 twenty good spring boars sired by Gold Dust Prince 106646, by Gold Dust Jim 15169, and The Auditor 34097 by Orion 5293. They also have for sale one yearling boar got by Russell's Surprise 12539 and out of a Gold Dust Jim sow. They state that they will make right prices on these boars, as they must sell them.

Mr. U. G. Davidson, of Manson, Iowa, in a recent letter writes as follows: 'I have a good Duroc Jersey boar much like the one I sold to Mr. H. S. Allen last fall, and the one that won first and sweepstakes at Des Moines. I also have one exactly like the one I sold Mr. August Voge, and the one that won third at Des Moines. He is one of those good prospects out of American Belle's litter. I also have two or three boars in the herd that are the exact counterpart of the pig I sold Mr. F. E. Garrett, and these are good enough to go anywhere. I have more good prospects this year than I had last, and if these are placed in good herds where they will be properly cared for I am sure that some of them will be winners again next year. These Crimson Wonder I Am boars beat the world when it comes to show-yard quality, and they have the finish that will always keep them in the front of the procession. Another good thing about them is that they breed on and on. Just say to your read-



I Will Send My DEAFNESS BOOK FREE

To anyone who is deaf or whose hearing is failing at all. It shall not cost you a penny and it's full of the very help and medical advice that every deaf person needs. My book tells just what causes Deafness and shows the way to clear and perfect hearing. It explains what brings on the ringing, buzzing noises in the head and ears, and how to be free from them. It shows how the ear gets closed up and points out how Deafness can be cured, easily and painlessly, right in your own home. Fine pictures of the different parts of the ear illustrate almost every page.

If you want to get rid of your Deafness, let me give you this book, that will tell you what to do. Ask for it today and I will send it at once. Write your name and address plainly on the dotted lines, and mail the Free Book Coupon to Deafness Specialist Sproule, 473 Trade Bldg., Boston.

FREE DEAFNESS BOOK COUPON

NAME.....

ADDRESS.....

ers that they should order at once if they want to get the best."

Messrs. H. S. Duncan & Sons, of Clearfield, Iowa, will hold a public sale of Short-horn cattle on December 7th.

Mr. Gus A. Pederson, of Ocheyedan, Iowa, offers the best bunch of Duroc Jersey boars he ever raised at prices that anyone can afford to buy. They are sired by Osceola Chief, a Van Patton bred boar and by Prond Perfection by the great sire, Perfection Chief. Mr. Pederson has closely culled this year's bunch of boars and is now only offering the best. It will pay any of our readers to write him if they want a boar.

Mr. W. J. Prather, of Russell, Iowa, breeder of Duroc Jersey swine, in sending in change for his advertisement which will be found on page 38 of this issue, says: "My pigs are doing well and I think I have some that will please any man. I can breed the gilts I am offering for sale to Top Notcher Again, or Red Advance by Advancer, the first-prize aged boar at Des Moines this year, or to a son of Proud Advance.

The sale of Short-horn cattle at Humboldt, Iowa, on October 16th, made by Mr. B. G. Stark, brought out a fair crowd, and an average of \$70 was made on everything. This included young heifers and bulls. This Duchess was purchased by Mr. J. A. Behrens, of Ft. Dodge, Iowa, at \$102.50, and Lady Amelia, a daughter of Imp. Blackwatch, went to Mr. F. B. Glidden, of Britt, Iowa, at \$100. There were some good bargains in the sale, and the cattle were in good, thrifty condition.

Messrs. Henry Bros., of Lemars, Iowa, breeders of Poland China swine, still have for sale a few good fall and spring boars sired by the double sweepstakes boar, Matchless Junior, and seventy-six fall and spring gilts sired by Matchless Perfection, Matchless Jr., E's Chief Tecumseh 2d, and Correct I. Know, that will be bred to above bogs, and On Parade, a son of On and On out of E. L. Slick; Perfection E. L. and Meddler Boy, a son of Meddler, out of a Keep On sow. Their advertisement appears on page 38 of this issue.

Mr. John O'Kane, of Bancroft, Neb., showed his splendid sixteen-months-old bull, American Flag, at the American Royal and got fifth place on him in one of the strongest classes ever seen in a western show ring, or any other show ring for that matter. He is a son of Gloster Chief, a well-bred Duchess of Gloster bull, and he is one of the best things produced in the West. Mr. O'Kane is one of Nebraska's younger breeders of Short-horns, and he is founding a good herd, and with his ability as a feeder and a caretaker we can look forward to the time when he will have some of the best of the breed.

On November 14th Messrs. J. & I. D. Godden will make a sale of fifty head of Short-horn cattle at Bradgate, Iowa. There will be forty head of females and ten young bulls in the sale, the latter ranging from ten to eighteen months of age. About twelve or fifteen cows will have calves at foot by their Scotch bull, Prince Malcolm 201060. The latter bull is a son of Malcolm 171375, a bull well known by Short-horn breeders in the West on account of the uniformity of his get, and out of Brewster Beauty 3d by Prince Victor. A number of the young bulls in the sale will be sired by him and all the calves that sell with dam will be sired by him. Everything that goes into the sale will be well Scotch topped, some

having four and five good crosses. We will have more to say of the offering in next week's issue.

Write Mr. W. W. Vaughn, of Marion, Iowa, for prices on Short-horn bulls and Chester White boars. See advertisement on page 37.

Mr. W. K. Ferguson, of Algona, Iowa, can supply Homestead readers with Red Polled bulls. His advertisement appears on page 37 of this issue.

A dispersion sale of Short-horn cattle is announced to take place on December 13th, by Mr. T. A. Baldwin, of Emmetsburg, Iowa. The offering will consist of about fifty head.

Mr. William Barr, of Kirkman, Iowa, has fifteen good Poland China spring boars which he wishes to find purchasers for at once. His advertisement, giving prices, appears on page 27 of this issue.

Mr. Wm. Reed, of Pleasantville, Iowa, the well-known breeder of Short-horn cattle has 175 head in his herd at present and wishes to sell fifty head quick, on which he will quote farmers' prices. His advertisement appears on page 27.

Messrs. Dawson Bros., of Franksville, Wis., announce in their advertisement on page 13 of this issue that for the next month they will make a special sale of Embden, Toulouse and White China geese and Aylesbury and Pekin ducks.

Mr. F. A. Ham, of Saronville, Neb., is offering choice pigs of March and April farrow at reduced prices. He wants to get them out of his way. His herd is well represented in the blood of Improver 2d, Billy K. and Bezdek. You will not make a mistake by writing him at once.

Owing to the fact that he has sold his farm, Mr. E. H. Dancer, of Lamoni, Iowa, has twenty-five head of registered Hereford cows and heifers and two herd bulls for sale. One of these bulls is imported and will be sold at a right price if sale can be made quick. Mr. Dancer's advertisement appears on page 27.

Mr. G. Van Patten, of Sutton, Neb., has some choice spring boars left that will be priced worth the money. These boars are sired by Billy K. and they are very choice. Billy K. get sold in his sale for \$300 and \$325. His sale made an average of \$34. This was on the get of Billy K. and Beauty Wilkes. Write him for prices.

Some splendid Duroc Jersey boars are ready to be shipped by Messrs. Edmonds, Shade & Co., of Kingsley, Iowa. These are sired by the great undefeated sweepstakes boar, American Royal, and several other of the most noted boars. It will pay any of our readers to write the above firm at once if they are on the market for a boar.

Mr. F. A. Ham, of Saronville, Neb., breeder of Duroc Jersey swine, writes: "My hogs are doing well and I wish you would call special attention in the Field Notes to the spring boars I am offering for sale. There are some good pigs among them and I am offering them at a reasonable price." See Mr. Ham's advertisement on page 39.

Mr. J. D. Vorhees, of Charles City, Iowa, proprietor of the Prairie View herd of Poland China swine, announces on page 27 of this issue that he has twenty-five boars and gilts for sale. They are sired by S. D.'s Choice 106849. The gilts will be sold bred or open as desired. He also has a few yearling sows and his herd boar for sale, and satisfaction guaranteed.

Mr. W. W. Vaughn, of Marion, Iowa, writes that he is making special prices on thirty strong-boned, growthy Chester White boars of March and April farrow, also ten blocky, thick-fleshed, all red and dehorned Short-horn bulls, from twelve to twenty months old, of good milking families. Write him for particulars and prices, or go and see his herd. See advertisement on page 37.

Mr. John Schneider, breeder of Poland China swine, of Remsen, Iowa, writes: "I have twenty-five grand spring pigs and three fall boars that are big, husky fellows, with good, heavy bone, good length, black, slick coats and good heads; they stand right up on their toes and are good all round boars. The three fall boars are good enough to head any herd and will weigh close to 400 pounds in breeding condition. I am pricing them low to make room for my fall pigs."

Mr. Austin Renshaw, of Blair, Neb., writes: "I have about thirty good Duroc Jersey boars for sale sired by Junior Jim, the noted boar that got second place at Des Moines this year in the strongest class that was ever shown at that fair. I also have some good pigs by Long Alix, a litter brother to the great sweepstakes sow, Alix II., and I have a couple of boars by the noted show winner and sire of show winners, Glendale Critic. I can also sell a few sows sired by Junior Jim. Tell Homestead readers to write me at once."

Mr. Frank Pearce, of Fredericktown, Mo., in renewing his land advertisement in The Homestead which will be found on page 23 of this issue, writes: "The results from my land advertising in The Homestead are very satisfactory. The present owners of the land are offering to sell it for less than half its real value considering its productiveness and location. They do not seem to realize what they have, just as it was in Iowa twenty-five or thirty years ago. My references are the Citizens' Bank, of Anita, Iowa, where I used to live, or the

Fredericktown Trust Company Bank, of Fredericktown, Mo."

The new advertisement of Mr. W. T. Loughary, of Packwood, Iowa, offering Double Standard Polled Durham cattle for sale appears on page 27 of this issue of The Homestead. This offering will include Mr. Loughary's young herd bull, Duke of Waterloo 2333. In writing about the stock he is offering Mr. Loughary says: "These cattle are of good breeding and good individual merit, and having rented my farm, I am making a price to move them at once. I will close out the entire nine head for \$600. Here is a snap for someone."

Mr. Fred Behder, of Marshalltown, Iowa, has fifty-five head of thoroughbred Hereford cattle, not registered, which he wishes to sell as per his advertisement on page 27. The offering consists of twelve bulls and forty-three females of all ages. Mr. Behder is disposing of the herd on account of age and sickness. They are all in good flesh and are said to be a very choice lot by those who have visited the herd. Further information in regard to this herd can be obtained from the advertisement and by writing Mr. Behder, R. R. 5, Marshalltown, Iowa.

Mr. F. A. Edwards, breeder of Short-horn cattle, of Webster City, Iowa, whose advertisement will be found on page 37 of this issue, writes: "My cattle are doing extra well. I think the herd is stronger today in good cattle than ever before. We have had a dozen calves dropped the last two months, the get of Secret Viscount, which are an unusually promising lot. They certainly ought to be if there is anything breeding and individual merit combined. We have a few good young bulls on hand fit for service that we will price so that no one can afford to be without one."

Mr. J. W. Pittman, of Lohrville, Iowa, breeder of Duroc Jersey swine, who has a new advertisement on page 27 of this issue, writes as follows: "I have four yearling Orions, out of a Young John sow. One of these is an extra good one with fine back, legs, feet, very nice head, and small neat ears; is broad and carries width well back; the other three pigs, although good, are more on the rangy type, but all have good bone, feet and back. I have some pigs by Orion II., also Young John (dam out of Zovetta, dam of the \$1,275 Proud Lady); one yearling Proud Advance, dam Nan Orion, by Orion Dandelion. I have also some spring males by Young Advance, Proud Lad, I Am



This notable hog, Kerr Dick, is included in the O. I. C. offering of Mr. O. L. Kerr, of Independence, Mo., on the date of November 2d. There will be sold at that time thirty-five hogs and twenty-five open gilts, all bred from show mothers. Mr. Kerr recently swept the boards at the American Royal held in Kansas City, and a number of his winners are included in his sale. Catalogs are now ready and will be furnished upon application to Mr. O. L. Kerr, of Independence, Mo. Those interested in good Chester Whites cannot do better than keep this date in mind and if possible attend the sale. It will be worth the average man's time if he does nothing more than to inspect Mr. Kerr's breeding herd.

a Wonder and others. The females in my herd are by Orion, Proud Advance, Crimson Wonder I Am, American Royal, Young John and other good ones."

Col. T. B. Hart, the noted Short-horn breeder of Edinburg, Ill., writes: "My consignment to the Kansas City Short-horn sale, November 2d, will consist of two yearling Scotch bulls, two two-year-old heifers and one heifer calf, as follows: Barondale 244736 bred by Mr. J. F. Prather and sired by Imp. Bapton Sovereign. He is a straight Scotch of the Nonpareil family and exceptionally good in his lines, extra good in hips, twist, thighs and flank and a smoother laid shoulder and better heart girth would be difficult to find. Claret's Sovereign 345194 got by Imp. Sovereign 157330 and out of Imp. Claret 2d, is a beautiful red, smooth, low, wide and thick, with extra good head and horns. These two bulls have fine scale and with their splendid individuality and breeding should go to head good herds. The

The New Superior Fanning Mill

We Have Invented a New Device for Separating, Grading and Cleaning all Sorts of Seed and Grain.

The old Superior Fanning Mill was a pretty good Grain Separator. The Farmers told us it was way ahead of any other mill on the market, and we knew it was, but we were not entirely satisfied with it. It was the aprons interposed between the sieves in the wheat gang that bothered us. We found that they easily got worn out, and that, when they got wet they were entirely useless and also that the grain had a tendency to



stick to these aprons, causing much delay in work and, thus, and then they were expensive.

During last summer, we experimented a good deal with a new sieve, that Mr. Owens had worked out, and during the last two months we have perfected a machine and subjected it to the most severe test that any grain separator ever was put to. It is

A GRAND SUCCESS

The aprons are done away with. We obtain a better and faster separation by using a system of sieves having imperforated sections. These are so arranged, that when separating oats from wheat, if any oats get up on end and drop through one sieve with the wheat, they strike on an imperforate portion on the sieve below, and slide off from this imperforate portion onto the next perforate portion. Whenever any oats drop through a perforated section of the sieve they strike upon an imperforated section of the sieve below. By this means we get a more perfect separation and greater capacity.

We believe that the New Superior for separating, grading and cleaning all kinds of Seed and Grain, is the most perfect device that human genius can contrive. Unless some one comes along and performs a miracle, the New Superior will always stand at the head in grain cleaning machinery. Now this we are ready to demonstrate and prove to you, and that without the slightest cost on your part.

ARE YOU INTERESTED? Then write us and we will tell you how we can satisfy yourself by actual trial that the New Superior is what we claim it to be. And it will not cost you one cent so write today.

J. L. OWENS CO., 614 SUPERIOR STREET, S. E., MINNEAPOLIS, MINN.

heifers are of slow-yard conformation and type. The two-year-olds are well along in calf to Barondale, and the heifer calf is, I think, as good a show animal as I have ever bred."

Mr. F. E. Garrett, of Lohrville, Iowa, the owner of I Am a Wonder, a son of the sweepstakes Duroc Jersey boar, Crimson Wonder I Am, and a half brother to Allen's sweepstakes boar, Crimson Wonder Again, is now offering a nice bunch of boars by him. He also has two hogs sired by Tien Tsin, the sire of the great prize-winning sow, Ruberta, the first-prize sow at Des Moines this year; two sons of Arlon and one son of Proud Advance. Mr. Garrett will make a public sale of brood sows

long bodies, good color, neat head and ear, a rounding rib, good ham and large bone, and stand right on their toes. I have April boars that will weigh 170 pounds. Just say to Homestead readers that I have the best blood lines known to the breed, and I have the goods in the way the very best and practical Duroc Jersey boars. It will pay any of your readers to write me or come and see my herd."

The McNutt & Meece sale to be held on Saturday, October 27th, promises to be one of the best of the season. Both gentlemen have a class of Polands that have won ribbons at the Nebraska State Fair and they are offering the same class of hogs at Grand Island, Neb., next Saturday. King Look is one of the greatest sires of this breed and his reputation is known the world over. Our Chief is another of the choice sires doing service in the herd. His get are large, roomy fellows with finish and quality. This sale is one that should interest all lovers of good Polands. If you cannot attend the sale, send your bids to Mr. G. W. Segrist, representing The Homestead.

Messrs. William Pedrick & Son, of Ottumwa, Iowa, are offering large Poland China boars, the get of All Dude 106413, for sale on page 27 of this issue. In ordering the insertion of the advertisement they say: "The boars we are offering for sale are just in good breeding condition. Their sire, All Dude, won second at Sedalia and third at Kansas City recently and was the largest-boned Poland China at either show. He weighed 800 pounds as a yearling and competent judges say he could now carry 1,000 pounds conveniently. His pigs have the heavy bone and stretch of their sire, with his goat-like feet and straight legs." For other winnings of All Dude, see advertisement.

Mr. S. D. Miller, breeder of Galloway cattle, of Wellman, Iowa, whose advertisement appears on page 37 of this issue, writes: "All parties who are interested in Galloway cattle will do well to write me. I am offering for sale sixty cows and heifers and seven choice young bulls that are beauties. These cattle are bred right and are good individuals. The herd is headed by Zampy Boy of English River 11001, which has won first prize at Iowa State Fair; Kate's Boy of Wolf Creek 13464, and Dean of Elmland of Missouri 19458. I know I can please those looking for good stock if they will but come and inspect my herd. I will sell cattle singly or by the car load at farmers' prices."

Messrs. Stow & Gingrich, the well-known proprietors of the Clover Wave herd of Duroc Jerseys, at Hamburg, Iowa, write as follows: "We have the best lot of boars we ever raised and they are coming along in nice shape. They are sired mostly by the 700-pound yearling, Duroc Standard 44117. A few others are by Red Orion 28793 and Critic's Echo. Several of these pigs are above the average shown in their class at the Iowa State Fair, and should find a place in some good herd. The gilts average up about the same as the boars, and we think we can select twenty of them and with about the same number of yearling and aged sows we will have an extra good bunch to put in our brood sow sale which takes place on the 2d of next February."

Among the most important of the Duroc Jersey sales to be pulled off yet this fall is that of Messrs. W. A. Staples & Son, at Glidden, Iowa, on November 8th. Last winter some of the greatest sows of the breed were purchased by this well-known firm and were placed in their herd, and in their coming sale will be found the produce of many of same sows. Not only did this firm buy the very best, but they have taken excellent care of their purchases and have fed and reared the pigs this year with all the skill and pains that anyone could wish. They have not attempted to crowd the stuff nor to bring it out in fat, show shape, but they have seen that every pig got his "hog's rights" from start to finish, and today the pigs are in the pink of good serviceable breeding condition, ready to do the buyer the most good. The draft will consist of some fifty head of this spring's pigs—thirty-five or forty boars and the balance topdy gilts. Messrs. Staples are not selling culls. Everything that goes in will be O. K. As to the breeding represented we doubt if there will be a more highly-bred or variously good lot of stuff in another sale this autumn. Probably the most interesting proposition of the whole roundup is the great pair of wonderful \$605 sow, Nancy 8th, that Messrs. Staples bought, bred, at the Manley sale last spring, paying the high-

STIFFNESS, STITCHES, LAMENESS, CRAMP, TWISTS AND TWITCHES, ALL DEAMP WHEN YOU APPLY



THE OLD-MONK-CURE

ST. JACOBS OIL



PRICE 25 AND 50 CENTS

PILES

FISTULA--NO MONEY TILL CURED

L. L. Coulter, Cashier Central State Bank, Geneseo, Kan., writes under date of August 21, 1906: "The treatment received by you in August, 1905, has been perfectly satisfactory and I am always glad to recommend you to my friends."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed

Town..... State.....

est recorded price ever paid for a Duroc Jersey sow—gilts excluded. Nancy 8th is probably too well known by all Duroc men to need or justify extended comment here, but for the benefit of the uninformed few we will say that she is a massive individual, standing right up on a grand set of pins, with remarkably strong, even back, great depth, fine sides, full hams, elegant head, good color and a high degree of finish. She was the sweepstakes sow at Sioux City last fall, defeating this year's Des Moines and Sioux City sweepstakes winner. Don't be afraid to travel a long way to attend this auction—it will pay you. Messrs. Staples are good buyers and believe in the theory of reciprocity. See the sale advertisement on page 40 of this paper and write now for illustrated catalog, mentioning The Homestead. Bids sent to Col. F. F. Luther will receive proper attention.

Messrs. S. M. Deyoe & Son, of Mason City, Iowa, have Duroc Jersey hogs and Shropshire rams for sale as noted in their advertisement on page 28 of this issue. In furnishing copy for advertisement Messrs. Deyoe & Son write as follows in regard to their stock: "We have twenty spring boars, the pick of forty head that are as good a lot as we ever raised. They are exceptionally good in color, bone and length; stand right up on their toes and not a pig was kept in the whole lot that is not an all-round good one, and what we consider will be a good advertisement for our herd wherever sent. They have always had plenty of range, and are strong, vigorous fellows, ready for business. We also have a good lot of yearling Shropshire rams and will be pleased to quote prices on boars or rams to all who will write us. We also have one Cheviot ram for sale."

The herd shown by Messrs. T. K. Tomson & Sons, of Dover, Kan., was the recipient of much praise from the commencement of the show season at Des Moines, Iowa, in August until the close of the season at the American Royal. Seven shows were made, five being state fairs, and the Interstate at St. Joe and the American Royal. In every show their winnings were numerous. The get of that grand old sire, Gallant Knight, was in evidence at every show, both in class and herd prizes, and when, as in a couple of cases, the judge turned down the get of Gallant Knight, the ring-side talent could be heard to murmur. In a future issue a complete review of the winnings made by Messrs. Tomson & Sons' herd will be given, but in the meantime any of our readers hunting a choice herd bull or a few extra good females would do well to write Messrs. Tomson & Sons and arrange to visit the herd at Dover, Kan.

On page 23 of this week's issue of The Homestead will be found the Duroc Jersey advertisement of Mr. Roy E. West, of Churdan, Iowa, who now offers a splendid bunch of boars for sale. He says: "I have concluded to sell the bunch for \$25; the first come first served. I have three boars by Adjuster, a son of old Dandelion out of a Royal Plummer sow. Adjuster was out of the great sow, Kruger Belle. These pigs are just like him. One of them measures thirty-eight inches in length, forty-one inches in heart girth and forty-three inches in flank, with six and one-fourth inch bone. On September 23th he weighed 155 pounds, and another one 165, both farrowed April 26th. He has the back, hams and spring of ribs that has characterized his old sire. There is another good boar by Adjuster and out of a Clover Croft King. He is a good one. I would like to hear from readers of The Homestead who want a good Duroc boar. I am pricing these right and I know I can satisfy buyers." Write Mr. West at once and give him a description of what you want.

In the Sotham pavilion at Kankakee, Ill., on Thursday, November 8th, one of the important Aberdeen Angus sales of the season will be held. The animals in this offering have been selected with the greatest possible care and the sale manager, Mr. M. A. Judy, expresses himself as believing that the equal of this consignment has not been offered for many years. There are plenty of Blackbirds, Prides, Ericas and Heatherblooms. An examination of the catalog will indicate that from the pedigree standpoint the offering is of the very finest, though no animal has been put in the sale on the strength of its pedigree alone, as the individuality is there in every instance. The advertisement will be found on page 33 of this issue. Catalogs are now ready and will be sent upon application to Mr.

M. A. Judy, of Beecher, Ill., and when writing please mention The Homestead.

Mr. U. H. Palmer & Co., of St. James, Minn., on account of having lost their hogs by disease are offering twenty-five steers for sale in their advertisement on page 28 of this issue. Many of these steers are considered market toppers.

Corn huskers will be interested in the advertisement of the Algert Novelty Company, of Mason City, Ill., which appears on page 27 of this issue. They are placing on the market what they term their Always Ready Tape, which does away with sore thumbs and fingers and the bother of making stalls. Write them for a roll of this tape, sending fifty cents as per announcement in their advertisement.

BUY ONE OF THE BEST.

Readers of The Homestead who want a Duroc Jersey boar should write Mr. H. S. Allen, of Russell, Iowa. He owns the Iowa sweepstakes boar of 1906, viz.: Crimson Wonder Again, and he has boars by him, and also by his other World's Fair boar, Top Notcher Again.

A GOOD HEREFORD BULL FOR SALE.

Anyone wanting a good Hereford bull should write at once to Mr. J. G. Von Seggern, of Wisner, Neb. He offers to sell Monarch of Shadeland 10th 207387, a grandson of the noted 2,800-pound bull, Anxiety Monarch, and out of a daughter of Earl Grove 4th, he by the great bull, The Grove 3d. Please mention The Homestead.

JOHNSON'S DUROC SALE.

Mr. Thomas Johnson, of Columbus, Ohio, one of the best breeders in the Duroc business, is offering fifty-five head of choicely-bred Durocs for sale on Wednesday, November 7th. The writer recently inspected this offering and is pleased to recommend it to Homestead readers in the market for good stuff. In our next issue we will give full details regarding the offering and wish to advise our readers in the market for good stock to plan to be present at Columbus, Ohio, on Wednesday, November 7th.

GOOD DUROC JERSEY BOARS.

Any of our readers who are looking for boars should write Messrs. Norrish & Bevington, of Kingsley, Iowa. These are sired by Pericles H., the second-prize boar at the Interstate Fair in 1905 and 1906; also by their great young boar, Cedar Lawn Model, second-prize boar at the Interstate Fair this year. They won second prize on get of Pericles H., second on aged herd bred by exhibitor, and third on aged herd, and they now have a crop of boar pigs that could be made good show material for another year. Go and see them, or write them just what you want.

IMPORTANT DUROC SALE.

The Whitehall Combination Sale Company, of Yellow Springs, Ohio, is one of the strongest Duroc Jersey combinations in this country. The consignors to this sale are such breeders as Messrs. S. E. Morton, and Stewart Bros., of Camden, Ohio, and C. E. Speaks, G. N. Fogg, George D. Black and E. S. Kelley, of Yellow Springs, Ohio. It is doubtful if there is an offering this year that contains the get of such noted boars as does the lot listed for this occasion. We will be pleased to furnish details regarding this good offering in our issue of November 1st. Write for catalog at once as per the advertisement on page 29 of this issue, kindly mentioning The Homestead.

ELM LAWN DUROCS.

Mr. Charles Sobotka, of Cainesville, Mo., proprietor of the Elm Lawn Durocs, has a change of advertisement on page 39 in which he offers his yearling herd boar got by Elm Lawn Orion by that grand old breeding boar, Orion. His dam, Roycroft Princess 154 was bred at the Roycroft farms at Des Moines, Iowa. Mr. Sobotka says he is not selling this boar for any fault, but because he has so much of his blood in the herd eight sell with calves at foot and all are sure breeders. Some extra good spring pigs of early farrow are also ready to ship. They are by Elm Lawn Top Notcher, Elm Lawn Orion and a few are by the yearling boar offered for sale. If wanting boars or gilts write Mr. Sobotka, mentioning this paper.

WEBB'S CHESTER WHITES.

On page 27 of this week's Homestead will be found the advertisement of Mr. W. R. Webb, of Spencer, Iowa, who owns one of the best herds of O. I. C.'s in the Northwest. A field representative of this paper had the pleasure of inspecting this herd during the summer and saw some of the best herd hogs and brood sows that it was his privilege to see anywhere on his rounds. Mr. Webb now offers some choice young boars for sale, as well as some extra good gilts, and they are now ready to ship. It is with pleasure that we recommend his herd to readers of The Homestead. He will treat you right and you will get a good pig if you send him your order. Write at once and mention The Homestead.

CROW'S BIG POLAND CHINA EVENT.

One of the sales that always attract breeders and farmers in northwestern Iowa is that of Mr. W. J. Crow, of Webb, Iowa. The sale will be held at Maclay, the station right near his farm on the Rock Island branch to Sibley, Iowa. The Crow offer has always been noted for size and bone, these being two essentials that have been looked after in this herd. The boars used at the head of the herd and the sires of most of the offering are Crow's Model 30729 and Up To Date 36007, either one of which could be easily made to weigh 1,000 pounds if put in condition. These two boars are not only very large themselves, but they sire that kind of stuff. If size and bone are any inducement to buyers they will certainly find it in the Crow herd. In Up To Date Mr. Crow has one of the most

finished big hogs, and he is the sire of a lot of good stuff on the Crow farm. Another hog that has been used in the herd and is the sire of some of the pigs in the sale is Look Here, a grandson of old Look Me Over. A large per cent of the pigs are of March farrow, but there are also some boars in the sale of April and May farrow. Those who want plenty of size and bone will find it in the Crow offering. Write for catalog and mention The Homestead.

HIGH-CLASS DUROC JERSEY BOARS FOR SALE.

Those who are looking about for a good Duroc Jersey boar should write to, or call and see, Messrs. Stow & Gingrich, of Hamburg, Iowa. Sires now in service are Red Orion 23793 by Orion; Belle's King II. 14113 by Belle's King, a son of Echo King and out of the great Nebraska Belle, the dam of the highest-priced Duroc Jersey boar ever sold, and Duroc Standard 44117, a grandson of the sweepstakes boar, King Perfection, and out of Paulina Queen II. by Duroc Challenger. They now have a crop of boars sired by the above-named hogs, and out of some of the greatest sows of the breed, and they are now pricing these and can ship at any time. If any of the readers of this paper want a boar to head their herd they had better get in touch with the above firm at once.

HEYL'S SHETLAND PONY AUCTION.

One of the largest breeders of Shetland ponies in this country is Mr. George A. Heyl, of Washington, Ill., who will on Wednesday, November 7th, offer for sale at public auction a select lot of ponies. There will be stallions, mares, geldings, colts and matched teams, and no reader should fail to be present sale day. David Harum is today one of the greatest Shetland stallions. He was first in class at the World's Fair and several of the larger shows, and is the sire of the first-prize stallion at Iowa State Fair this year, Peter the Great. There is an extra good lot of ponies included in this offering and we are pleased to recommend it to our readers. In our next issue we will give full particulars regarding the offering. Look up the advertisement on page 28 of this issue and write for catalog, mentioning The Homestead.

IOWA SALES BEAT THE RECORD.

Mr. S. K. Noland, the well-known real estate and live stock auctioneer, of Des Moines, Iowa, in talking to a Homestead representative the other day expressed the opinion that never before were auction sales in the state of Iowa so generally successful and well attended as this year. He says: "The fact that I am selling from \$25,000 to \$35,000 worth of property every week surely demonstrates that there is something doing in my line." Mr. Noland does not handle all the large auction sales that are held, but he certainly handles his share and deserves credit for the business-like manner in which he conducts them. He makes a specialty of closing out sales of mixed stock and implements and will go anywhere to conduct any kind of a sale. Write or wire him at his expense before claiming sale dates. See his advertisement on page 27.

LARGE-BONED ENGLISH BERKSHIRE BOARS FOR SALE.

The old, reliable breeder of large-boned English Berkshire swine, Mr. W. D. McTavish, of Coggon, Iowa, was visited last week by one of our representatives, who found Mr. McTavish busy trading and sending out his famous long-bodied, deep-sided, heavy-boned English Berkshire boars to farmers throughout Iowa and South Dakota. He reported that The Homestead readers were a splendid class of customers for his famous Berkshires. He still has, however, thirty-five head of April, May and June farrowed Berkshire boars for sale at the uniform price of \$25 each. We had the pleasure of seeing many pigs priced at this figure that were easily worth \$40 each. Mr. McTavish can ship on either the American or U. S. Express Company's lines and will take pleasure in sending one of his famous long-bodied boars to any Homestead reader at the above named figure.

ENTIRE HERD OF RED POLLED CATTLE FOR SALE.

On page 28 will be found the announcement of Mr. W. D. McTavish, of Coggon, Linn county, Iowa, offering for sale at a bargain price his entire herd of fifty registered Red Polled cattle, including some imported cows. Of late years Mr. McTavish has used largely imported bulls and now desires to disperse the entire herd to make room for his famous big-boned herd of English Berkshire swine. He finds that his quarters are too limited to carry on the breeding of Red Polled cattle to the extent of his present herd, and also find room for his famous herd of Berkshires. Hence this dispersion sale at private treaty. The present herd bull will be included in the sale and answers to the name of Forester. The imported cows are by Lord Amburst's celebrated bull, Defiance 6966. Twenty of these cows are now giving milk. Much of the younger stock is sired by that famous Red Polled bull, Young Taylor 6752 (Imported). Mr. McTavish has been breeding Red Polled cattle for fifteen years and is a son-in-law of Mr. P. G. Henderson, one of the most noted breeders of Polled Durham cattle in the United States. Mr. McTavish's herd was founded from stock secured of Mr. Henderson and, as he lives in close proximity to the Henderson herd, has had access to the great herd bulls at the head of this great breeding establishment. Following the use of the imported bull, Young Taylor, on this herd, came Billy Boy 8991, then Majestic 11884 and now the present bull, Forester 13265, to which all of the females are bred at present time, or have calves by him. The offering lines up some-

what as follows: Besides the twenty cows are six two-year-old heifers, four three-year-olds, thirteen yearlings and ten calves. It is practically all she stuff. The entire fifty head, or any part thereof, will be sold just as purchasers may desire. Coggon, Iowa, is located on the Illinois Central railroad between Cedar Rapids and Manchester, Iowa.

A GOOD SCOTCH BULL FOR SALE.

On page 31 will be found the announcement of Mr. E. R. Silliman, of Colo, Iowa, a well-known Short-horn breeder, announcing for sale a splendid young Scotch Short-horn bull suitable to head some good herd. Mr. Silliman is prepared to make an attractive price on this young bull to an appreciative buyer. There is no better-bred bull in Iowa than this fellow, and few better individuals. Mr. Silliman has been breeding Short-horns for a number of years and can be depended upon to correctly represent his stock just as they are. In addition to this splendid Scotch bull, he has for sale other young bulls, as well as Scotch and Scotch-topped females at all times. Mr. Silliman is a breeder of good and useful cattle and not a speculator. The wise buyer will find it to his advantage to correspond with Mr. E. R. Silliman, of Colo, Iowa, or better still, to visit the herd and see some of the good bargains that he has to offer.

T. P. WHITTENBURG SELLS TWO GOOD COWS IN MCGAVOCK SALE.

Mr. T. P. Whittenburg, of Pleasant Hill, Mo., one of Missouri's most progressive young breeders of Hereford cattle has consigned two desirable breeding cows to the McGavock sale to be held at Kansas City, Mo., on November 1st. One a coming three-year-old, was got by Lamplighter Jr., the best breeding son of Messrs. Gudgell & Simpson's great breeding bull, Lamplighter. Her dam, Elsie, is a granddaughter of Lamplighter. She is listed as Lot 11. The other is by Don Antonio, a grandson of Lamplighter and out of a granddaughter of Dictator 2d by old Dictator. This young cow is bred to Mr. Whittenburg's grand young bull, Paymaster, considered the best one in Messrs. Gudgell & Simpson's February, 1906, sale. The first cow, Lot 11, is well along in calf to Best Anto, a son of Don Antonio, and out of a Beau Real cow. Mr. Whittenburg never offers a poor animal and his two entries to this sale should not be overlooked.

ZENOLEUM FOR ERGOTISM.

To the list of the many and varied kinds of diseases afflicting farm animals, that are much relieved and often cured by the use of Zenoleum, has been added a new one, namely, ergotism. This disease affects cattle more generally than other live stock. As the nature of the trouble is such as to call for external treatment, some reliable disinfectant is a necessity. The disease is caused by eating food which supports a fungus parasite. Lameness in one or more limbs follows, then a crack appears around the ear, tail or limb, which eventually causes the member to drop off. Experiments have shown that the following treatment in an early stage of the malady will result in a cure. Physic the animal, then give tannin in one-half dram doses twice daily for several days to destroy remaining ergot. Stimulate circulation with chloral hydrate in one-half ounce doses twice daily, and apply Zenoleum externally to heal the crack. This product is invaluable in the stables and is put up by the Zenner Disinfectant Company, Detroit, Mich.

KERR'S SHORT-HORNS IN THE MCGAVOCK SALE.

In McGavock's sale of Short-horns to be held at Kansas City, Mo., on Friday, November 2d, Mr. O. L. Kerr, of Independence, Mo., will have twelve head, one bull and ten females. The writer has recently seen the Kerr offering and those who are in attendance at the sale will find that Mr. Kerr is selling cattle that are of such merit as should please buyers. The bull that Mr. Kerr consigns is a Cruickshank Victoria calved in March, 1905. He is a deep red, a well-proportioned bull, with neat head and horns, is built plenty close to the ground and is one of the easy-feeding sort. He has been used on the females in Mr. Kerr's herd and is an absolutely sure breeder. Someone hunting for a pure Scotch bull should look after him. He is listed as Lot 55. One of the best females of the consignment is the three-year-old cow, Gentry's Butterfly, listed as Lot 56. She is a show cow, besides, being a desirable brood cow and sells with bull calf at foot got by Prince Conqueror, a Princess Royal bull got by the Missie bull, Conqueror. It is a combination of the best Bates and Cruickshank breeding that produced this cow. In 18th Countess of Rosamond Mr. Kerr consigns a two-year-old show heifer that was bred by Messrs. C. E. Leonard & Son, of Bell Air, Mo. She was got by that grand old sire and show bull, Lavender Viscount, and out of Charming Scotia by Imp. Barbarossa, a bull bred by Cruickshank and got by the famous bull, Cumberland. The first six dams in 18th Countess' pedigree are Leonard-bred cows and all are by good bulls that have done service in Mr. Leonard's herd. She is one of those thick, meaty heifers, with a well-sprung rib, a sweet head and horn and is true in all her lines. Breeders will find her a desirable young cow to add to their herds. A young show heifer listed as Lot 64, 9th Craggs of Cedarview, should appeal to the man wanting a choice heifer to add to his herd. She was got by the Scotch bull, Spartan Viscount, he by Orange Viscount. Her dam, 5th Craggs of Cedarview, was by the Bellows-bred bull, Baronview. Then follow a line of Bates-bred champions. Two cows in Mr. Kerr's offering are daughters of that great breeding bull, Gay Laddie, the best son of old Galahad. Both are of the same family as the junior champion bull shown at the recent Amer-



For Good Luck
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HIDES,
FURS,
PELTS,
WOOL,
Etc.
TO THE OLD RELIABLE

NORTHWESTERN HIDE & FUR CO.
200-204 1st St. N., MINNEAPOLIS, MINN.

lean Royal. Of the ten cows from Mr. Kerr's herd eight sell with calves at foot and are rebred to the red Cruickshank Victoria bull. See page 34 for Mr. McGavock's advertisement of this sale and if wanting pure Scotch or Scotch-topped Short-horn of much quality and good breeding arrange to attend. NOLAND'S SCHOOL OF AUCTIONEERING.

On page 28 of this issue will be found the advertisement of the Noland School of Auctioneering, conducted by Mr. S. K. Noland, the well-known auctioneer, of Des Moines, Iowa. In his advertisement Mr. Noland calls attention to the fact that his winter term will begin the first of December. This will be a practical course offering the student actual experience in auctioneering. Mr. Noland says that students who complete these courses are capable of conducting any kind of auction sales. In speaking about the fall term which began the first of October, he says: "Several bright young men availed themselves of my special offer for the fall term and are making rapid progress in their work. At the head of this class stands Mr. Marshall McCleary, of Bondurant, Iowa. Mr. McCleary is only seventeen years of age, but I predict for him a brilliant future as an auctioneer. By the time he is twenty-one years of age he will be able to conduct a sale as well as most men with three times the experience." Write Mr. Noland for particulars in regard to his school, mentioning The Homestead.

LAST CALL FOR CRAIG AND FOULTZ'S DISPERSION OF HEREFORDS.

On next Tuesday and Wednesday, October 30th and 31st, Mr. L. W. Craig, of Bolckow, Mo., and Mr. Jno. Foulz, of Rea, Mo., will disperse their respective herds. The sale will be held at Mr. Craig's Grass Hill Farm, three and one-half miles east of Bolckow and two and one-half miles southeast of Cawood, in Andrew county, Mo. Only a few bulls are listed among the eighty-six lots to be sold. Of these, mention was made last week. Among the cows are many good breeding matrons, twenty-three of which will have calves at foot and practically all are rebred. One of the best cows is listed as Lot 61. She is an Anxiety Grove 2d cow out of a Beau Real dam. She is a cow of much scale, weighing close to 1,800 pounds, is an even flesher and a very attractive cow. A good producing cow is listed as Lot 81. She was got by Archa 2d, a grandson of Don Carlos. Buyers will also find her one of those big, broad-backed cows carrying an even coating of flesh. Lot 69, a sweepstakes cow out of a granddaughter of Don Carlos, is another of the large, evenly-built kind, and built plenty close to the ground. She, too, is a regular producer. An Anxiety Grove 2d cow that is a producer above the ordinary is listed as Lot 53. Her daughter, Aline, is listed as Lot 66 and will be found a nicely-developed two-year-old heifer got by Jim Andy. Mr. Craig's former herd bull that has ten daughters in the sale. Another promising young cow is listed as Lot 28. She, too, is a daughter of Jim Andy and is one of those thick, meaty heifers built close to the ground. These are but a few of the many good females that go in the sale. Those wanting Herefords that have been regular producers will find them here in plenty. Everything goes to the highest bidder. Mr. Craig and Mr. Foulz extend a cordial invitation to all who want good breeding cattle to be with them sale day. Those from a distance can come to either Bolckow on the Burlington or Cawood on the Great Western, as free transportation has been arranged for at both towns. See page 35 for advertisement and when writing for catalogs or attending sale kindly remember to mention The Homestead.

MILLS' PERCHERON HORSE SALE.

On December 19th, at the farm near Perry, Iowa, Messrs. J. R. Mills & Son will sell a draft of twenty head of Percheron stallions and mares. At the head of their stud is the stallion, Narcisse 21992, a horse imported by Messrs. Dunham, Fletcher & Coleman, and a second prize winner at one of the greatest shows in France. He is the sire of four stallions and six mares in the sale and they are all good ones. As a breeder he is hard to beat and his colts will certainly speak for themselves when buyers see them. There will be four matched teams of mares in the sale, besides a lot of yearling and two-year-old mares. It will be a decidedly high-class lot of Percherons, and anyone who wants some good mares or young stallions will find them in this sale. They will also sell a couple of Short-horn cows with calf at foot and two young Short-horn bulls. Besides these there will be twenty-two head of good grade cows and belfers and eighteen head of Short-horn steers and seven head of Aberdeen Angus bulls. Those who are interested should send their name for catalog at once and it will be mailed as soon as it is out.

ROACH'S DUROC SALE.

Just as we are closing our forms we learned of the forthcoming Duroc sale of Mr. J. Coy Roach, of Girard, Ill., which will be held on Saturday, November 3d. Readers of The Homestead should not overlook this sale. Mr. Roach has for years had one of the very good herds of the country. He has spared neither time nor expense to make his herd what it should be to hold the position it does. The sale consignment is a very select one. There are two of the best brood sows in the herd consigned to the sale. One of these sows was the dam of the first-prize under year boar at the Illinois State Fair, 1904. She traces to Sensation on her sire's side and to Top Notcher on the dam's side. A daughter of this noted sow by Model Chief, the boar which sired the first-prize under six months boar at the Iowa State Fair this year. One of the greatest mistakes Mr. Roach ever made was when he consented to dispose of Model Chief, and breeders will see an excellent lot of pigs in the sale by him. Three boars and one gilt of January farrow and ten March boars by Model Chief will prove attractions. Five boars are consigned out of Helen Blazes III., the \$1,000 sow which Mr. Roach secured last winter from Messrs. Fagan, Browning, Hess & McCabe. She now has a fine litter of eight by Ohio Chief which should please. Look up Mr. Roach's advertisement on page 28 of this issue and plan to be present Saturday, November 3d.

PERCHERON, SHIRE, BELGIAN AND COACH HORSES AND SHORT-HORN CATTLE.

We take great pleasure in calling the attention of our readers to the new advertisement of Messrs. Taylor & Jones, of Williamsville, Ill., importers and breeders of draft horses. They are a firm becoming too well known in both this country and all over Europe to need any introduction as importers, breeders and showmen of Percheron, Shire and Belgian horses, as they have fought their way clear to the top at the greatest shows ever held in America in probably a shorter time than any firm that ever entered into the draft horse business, and this is not to be wondered at when one becomes acquainted with their knowledge of business and their way of handling horses, as well as satisfying their customers. In the first place they are men of honor and think more of their word and friends and customers than they do of money and their motto has been to make a customer of every man possible, for when once a customer they expect to deal with him in such a manner that it means always a customer. They never had a law suit in their lives and their father and father-in-law, Mr. John R. Jones, came to the prairies of Illinois before the railways and drove cattle from the plains of Illinois to New York City and has done business all of his life since right there at Williamsville, and he never had a law suit, believing it better to deal with men without either party buying trouble, as they put it, and right here we may say it means much in buying a stallion to deal with such a firm, not only one who has an ample amount of capital to back his guarantee, but a firm who intend when they set in to do business to please you without having to be made to do it. Not only is the intention of Messrs. Taylor & Jones good, but they are good financially. They own over 1,000 acres of land surrounding Williamsville, which means as good land as is on the face of the earth, no country excepted, and Mr. M. E. Jones, known nearly the world over as Milt Jones, is interested in both the banks of Williamsville and the neighboring town of Elkhart, in both of which he is a director. He is also better known as owning the famous Cherry Grove herd of Short-horns, which numbers about 130 head, and is without a superior in America, being headed by the great \$5,100 champion sire and show bull, Lord Banff, and made up of many of the most valuable cows of the breed, such as the champion \$5,000 Cicely, better known on both sides of the water as the queen's heifer, and many other famous cows. Mr. Jones has made three of the importations of stallions personally for the firm, including many prize winners, and it was he who brought out the first importation for this firm in 1900. Mr. C. R. Taylor, known by everyone as Charley, is not only a man of business, but considered everywhere as a judge of a horse the equal of any in America and he has the honor of being the judge on Shires at the Great St. Louis Fair. His experience of shipping horses for twenty years has been of much value to him. He has made many trips to Europe selecting prize winners, and no horseman is better known today than Mr. Charley Taylor. It is but justice to say that their prize record for the last four years is a wonderful one. Space will not permit us to give it all, but their last show was at the great Illinois State Fair, where was

probably the greatest lot of draft horses seen in America at a state fair in many years. There they won twenty-eight prizes on draft horses and made a wonderful display, having a whole barn full of horses including forty head. Their winnings include four herd prizes and two championships and two reserves in championships, nine first and many second prizes in large rings of from twenty to thirty entries of the best horses in America. Messrs. Taylor & Jones are constantly building new barns to make room for their growing business and have lately built a new blacksmith shop and keep their own man to do their shoeing. A visit to this establishment will be entertaining to anyone.

LITRELL & SONS SELL SOME DESIRABLE SHORT-HORNS IN THE MCGAV-OCK SALE.

When Manager W. C. McGavock secured six head of Short-horns from the old-established herd owned by Messrs. J. J. Littrell & Sons, of Clark, Mo., he secured a consignment such as is not often found in a combination sale. From Messrs. Littrell & Sons' herd breeders of Missouri have secured much good stuff and the man who wants absolutely reliable cattle should see their offering for this sale. Three bulls and three females are listed. Among these is the yearling bull, Village Scotland, a pure Scotch bull got by their great breeding bull, Scotland's Crown, one of the best breeding bulls in Missouri. His dam, Village Flower, was by the Scotch bull, Village Squire, then followed such sires as Chief Officer, Burgomaster's Gloster, Village Boy and Scotland Pride, all Cruickshank bulls or bulls whose ancestors were bred by Mr. Cruickshank. A fancy bull got by Ruberta's Prince, the \$1,000 son of the great show cow, Ruberta, and out of a daughter of Scotland's Crown, will be found a bull of great substance and quality. He is listed as Lot 31. Probably the best individual from Messrs. Littrell & Sons' herd is the September yearling, Prince of Hazelland, listed as Lot 33. He, too, is by Ruberta's Prince and out of a daughter of the Harris-bred bull, Prince Rupert. Messrs. Littrell & Sons have produced many good bulls, but it is doubtful if they have ever produced a better bull than this young fellow. He is a show bull from end to end. All three bulls are red. We have seen them and do not hesitate to recommend them to those who are hunting herd bull material. Among the cows is Orinda, the dam of the last bull mentioned above. She is due to calve before sale day and the man hunting a breeding cow should not miss her. Look over her yearling son and you will agree with us. Two heifers are listed. One is a daughter of Ruberta's Prince and out of a Scotland Crown cow, and one is a daughter of Scotland's Crown and out of a pure Bates cow got by Kirklevington Duke 34th. More reliable or better cattle are not found than are bred by Messrs. Littrell & Sons, and if any of our readers want a bull, a cow or a heifer he will find that Messrs. Littrell & Sons have listed such animals as should interest them and that such cattle never sell above their value in combination sales. See page 34 for advertisement of the McGavock sale.

THE FAGAN, BROWNING, HESS & McCABE DUROC SALE—LAST CALL.

The writer representing this paper, after inspecting the offering of Durocs to be sold on Wednesday, October 31st, by Messrs. Fagan, Browning, Hess & McCabe, of Hersman, Ill., is pleased to say to the readers of The Homestead that it is one of the very best he has seen this year. In point of both breeding and individuality the offering is unexcelled. This firm have been making history for the Duroc breed. Long ago Mr. J. M. Browning, father of Mr. H. E. Browning, one of the members of this firm, was a history maker in the Duroc business. From him Mr. S. E. Morton, of Camden, Ohio, one of America's greatest Duroc breeders, secured the foundation stock which later made his herd famous. The present firm are active, progressive business men. They have purchased only such stock as would tend to improve their already good herds. On February 2d they sold at public auction the first Duroc sow to ever bring \$1,000 and in the forthcoming sale they are offering five of the get of Helen Blazes, the dam of the \$1,000 sow, sired by Tip Top Notcher, at public auction. Such an attraction as this should not be overlooked. One of the litter, Helen's Tip Top Notcher, won third in a ring of thirty-one shown at Illinois State Fair this year. Another attraction is Lucy's Proud Advance. This spring boar is one of the best the writer has seen. His sire, Proud Advance, was a champion winner at Iowa State Fair. He sired Alix II., and Proud Lady, the highest-priced Duroc sow ever sold. The dam of this pig is Lucy Wonder XXI., a sow never defeated except by Nebraska Belle, and the only living member of the Lucy Wonder litter, champion sow World's Fair, Chicago, 1893. This boar should go to head some good herd. A lot of three boars by Keep On 37327, third at Iowa State Fair, 1905, with litter mates first, second and fifth in same show, and out of Lucy Brooklyn IV. by Tip Top Notcher Chief is certainly of show-yard merit. Two March pigs, full brothers in blood to the noted breeding and show boar, Ambition, now at the head of the good herds of Messrs. Thomas & Hogsett, of Golden, Ill., should not be overlooked. Ambition stands today one of the best yearling boars of the breed, and these full brothers should be appreciated. A boar and sow farrowed March 23d by Tip Top Notcher and out of Violet, she by Buddy K. IV., champion Illinois State Fair, 1905, and second-prize aged boar 1906, are especially attractive. They are bred right and are fit to go into any company. With proper handling the boar should make a state fair winner next fall. A Hanley litter farrowed April 8th is an unusually good one. Four boars make up the offering from this litter, everyone a good one. Seldom has the writer seen the get of a boar so uniformly good as is the get of Hanley, and this litter is no exception. A boar of March 2d farrow which should go to head some good herd is No. 9 of the catalog. He was sired by Tip Top Notcher and his dam is The Lad's Goldie 23d by Sock's Kan't Be Beat by Kan't Be Beat. No richer pedigree can be written, and this boar is made right in every way. We have only gone over the offering as our space allows, but we wish

My lamp-chimneys sometimes get broken, but seldom or never break. There is a great difference.

My Index is useful to every one who owns a lamp, and it is free.

Address, MACBETH, Pittsburgh.

TOO LATE TO CLASSIFY.

LIVE STOCK and REAL ESTATE AUCTIONEER

THE fact that I am selling from \$25,000 to \$35,000 worth of property each week fully demonstrates that I can handle the business. I make a specialty of land and closing out sales of stock and implements. Book of references from past employers sent free. Write me for terms. Wire at my expense before claiming dates.

S. K. NOLAND, Auctioneer

Cor. 5th and Mulberry Sts. DES MOINES, IA.

THE FEEDER'S FAVORITE

Crow's Big Poland Chinas

....45 HEAD....

WILL SELL 45 BOARS

Wednesday, Nov. 7, 1906
At Maclay, Clay County, Iowa.

TWO Jun. farrow, 24 March, 12 April, 7 May, mostly sired by Crow's Model 30729. A hog of 1,000 pound caliber, with 10-inch bone, and Up-To-Date 36007, the best finished big hog ever saw, 10-inch bone. If you want bone and stretch with finish you will find it here. It is the kind we always have kept. Sale held in town. Send for catalog explaining all. Address,

W. J. CROW. Webb, Iowa
W. R. Ritchie, Auct., Marathon, Ia.

FOR SALE. ONE HERD OF 55 HEAD OF Hereford Thoroughbred Cattle.

Not Registered. 12 MALES and the balance females of different ages. Now I have bought thoroughbred registered bulls and cows and have raised the above herd. On account of my age and sickness I would like to dispose of the above herd for cash. All in good flesh and are said to be a very choice herd by parties looking at them.

FRED BEHDER, R. R. No. 5, Marshalltown, Ia.

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows (and belfers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

...PRAIRIE VIEW HERD POLAND CHINAS...

25 BOARS and gilts for the trade. Sired by S. H. Choice (106849). Gilts bred or open as desired. A few yearling sows and herd boar. Satisfaction guaranteed. Long distance phone.

J. D. Vorhees, R. R. 5, Charles City, Iowa

Double Standard Polled Durhams.

HAVING rented my farm, I will sell my small herd of nine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right.

W. E. LOUGHARY, Packwood, Iowa.

TOPPY YEARLING BOARS.

BOARS by Orion, Proud Advance, Young John, B Spring boars by Young Advance, Proud Lad, Ohio Chief, I Am a Wonder and others, for sale by J. W. PITTMAN, Lohrville, Iowa

LARGE POLAND CHINA BOARS.

THE get of All Dude 106413, the 800-lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's ring), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some \$5 April boars for sale by him. Wm. Pedrick & Son, Ottumwa, Ia.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest "up-to-date" herds in the north-west. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment.

W. R. WEBB, Spencer, Iowa

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

15 GOOD Poland China spring boars for sale at 15 once. Prices \$15 to \$20. Correspondence solicited. Wm. Barr, Kirkman, Iowa.

to impress upon the readers of The Homestead that this is in every way one of the strongest and best lots of Durocs ever put through the sale ring. Private offers have been made on much of the stock, but all of it has been retained for public sale. Write for catalogs at once and if you



WRITE TODAY
for a
FREE SAMPLE OF CONGO ROOFING

You'll get it promptly and it will settle the roofing problem for you. You never saw that quality before at that price. When your order comes, you will like it still better. The perfect rolls, no flaws or weak spots, with the ends carefully protected, make every inch of the roofing available. No waste trimmings, no broken edges on Congo Roofing.

Write for the Sample!

BUCHANAN-FOSTER CO.,
442 Chestnut St. Philadelphia, Pa.



NEW CROP IOWA GROWN
Recleaned Seed.

Ask for prices if you wish to buy now. No matter whether you want to buy or sell it will pay you to write us.

IOWA SEED CO.,
DES MOINES, IOWA

CORN-HUSKERS

Don't have sore thumbs and fingers and Don't bother with making stalls. Use our

ALWAYS READY TAPE

and be happy. Always in place, comfortable and wears well. A 50-cent roll will do one man a season. Write today enclosing 50c. for a roll of Always Ready Tape sent prepaid to any place in the U. S. or Canada. Address

THE ALBERT NOVELTY CO., Mason City, Ill.



TAYLOR & JONES,

WILLIAMSVILLE, ILLINOIS,
IMPORTERS AND BREEDERS OF
**PERCHERON, SHIRE
AND BELGIAN STALLIONS.**

WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND
SELLING BETTER HORSES AT FROM \$700 TO \$1,400 THAN
ANY OTHER FIRM IN AMERICA.

We have a few sensational show horses that will come some higher, such as Arrowside Duke, first-prize aged stallion Illinois State Fairs 1905 and 1906 and at Chicago International.

Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DU HAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

Oakview Farm High Class Durocs

...Sale of... **GIRARD, ILL., NOV. 3, 1906.**

45 Head---Gilts, Boars and Sows---Head 45

Sixteen head of spring boars and gilts sired by Model Chief, the great son of Ohio Chief; five March boars out of Helen Blazes 3d—the \$1,000 gilt. Herd headers every one. Other spring boars and gilts sired by Advancer, Orion Chief and Sandow's Best. As a Special Attraction to this sale I will put in two of my best sows, Lady Fancy, a Sensation and Top Notcher bred sow, and Jay's Fancy out of Lady Fancy and sired by Model Chief. Any sow or gilt sold at this sale for \$100 or over given free service, if desired, to either of my herd boars, "Jay's Orion" or "Jay's Commodore."

J. COY ROACH, Keil & McGowan Auctioneers. **GIRARD, ILL.**
Farm one and a half miles from town.

TOO LATE TO CLASSIFY.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topmy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. My April boars will weigh 170 lbs. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,
HARMON GRUVER, Brewster, Minn.

ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief II 37628, and Winsome Dunde II 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, : : : : MANNING, IOWA

50 Head of Red Polled Cattle 50 FOR SALE.

I WILL sell my entire herd of 50 registered Red Polled cattle, or any part thereof. These cattle have a large per cent of imported blood and include some imp. cows. Twenty head are now giving milk while the remainder is as follows: 4 three-year-olds, 6 two-year-olds, 13 yearlings and 10 calves. It is practically a female offering aside from the herd bull Forester 13265. Address for particulars,
W. D. McTAVISH, Coggon, Linn Co., Ia.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by him and Elm Lawn Top Notcher are offered at prices that should move them.
Chas. Sobotka, - - - - - Chinesville, Mo.

25 STEERS

THAT must be sold soon. Four-fifths of these steers will top the market. Their average weight is near 1200; gentle. Come quick if you want a snap.
U. H. PALMER & CO.
Cedar Lawn Farm, Route 6, St. James, Minn.

HILLCREST Butter-herd Holstein Bull Calves. The best money-maker to head dairy herds. Write to-day. No females to sell, G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

DUROC JERSEY BOARS--SHROPSHIRE RAMS

S. M. DEYOE & SON, Mason City, Iowa.

cannot be present, bids sent to Mr. D. M. Pierce, representing this paper, will be carefully handled. See announcement on page 33 and plan to be present October 31st at Hersman if interested in good Durocs.

Messrs. Stow & Gingrich, the well-known proprietors of the Clover Wave herd of Duroc Jerseys, at Hamburg, Iowa, write as follows: "We have the best lot of boars we ever raised and they are coming along in nice shape. They are sired mostly by the 700-pound yearling, Duroc Standard 44117. A few others are by Red Orion 28793 and Critic's Echo. Several of these pigs are above the average shown in their class at the Iowa State Fair, and should find a place in some good herd. The gilts average up about the same as the boars, and we think we can select twenty of them and with about the same number of yearling and aged sows we will have an extra good bunch to put in our brood sow sale which takes place on the 2d of next February."

WINTER TERM IN AUCTIONEERING

THE only practical course in Auctioneering offered anywhere in the world. My students always "make good." Write me for full particulars in regard to Winter Term, which starts the first of December. Can take only a limited number.

Noland's School of Auctioneering,

Conducted by S. K. Noland,

Cor. 5th and Mulberry Sts. Des Moines, Ia.

30 Scotch and Scotch-Topped Cows and Heifers FOR SALE AT A BARGAIN.

THE heifers are by Imp. Mutineer. Also eight Scotch and nine Scotch-topped bulls. Scarcity of feed on account of drouth forces me to sell. Write me at once if looking for a bargain in desirable well bred cattle. The lot will be priced right.

A. C. BERRY, - - - - - Unionville, Mo.

DUROC BOARS.

DO you want a big, heavy-boned, wide-backed pig with plenty of length and quality, sired by a son of Proud Advance, a son of Orion and by Adjunster 25251. Will give accurate description, exact measure and weight. My pigs are very large for age and have been grown for service, not fattened on corn.

ROY E. WEST,
Route 1, Box 6, Churdan, Iowa

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN,
COLO, - - - - - IOWA

THE DISPERSION OF THE :: RIVERDALE HERD OF ::

Short-horns

WILL TAKE PLACE AT THE STATE FAIR GROUNDS
... SPRINGFIELD, ILL., MONDAY, NOV. 5TH ...

42 HEAD---10 BULLS

The entire herd goes in order to settle a partnership. Nothing will be reserved or protected and a herd of matrons that were selected with care and an idea of long service at Riverdale go at such figures as you see fit to give. They are a strong lot. Good individuals, choicely-bred and producers of worth. Imported and home-bred Scotch are listed, including the leading Cruickshank and other leading Scotch tribes with a number of good American sorts with the best of Scotch tops. The bull list is a strong one, including the Duthie-bred bull Highland Champion, one of the best sons ever imported of the celebrated sire Lovat Champion. This bull is an exceptional individual, a getter of stock of unusual merit, some of which are winning in the leading shows of this season. This is an opportunity to secure a sire regarding whose worth there is absolutely no question. Pride of Riverdale is the pick of the last year crop by Highland Champion and he was reserved for service in the herd. He is a Cruickshank Secret with five imported sires at the top of his pedigree followed by the best of Cruickshank productions. With all this he is an extra individual and it is an opportunity that does not often come to secure a high-class herd sire. Good selections can be made from among the others too. This sale should attract widespread attention. Get the catalog. It will interest you and will be mailed to all who write for it, mentioning The Homestead, to

S. E. Prather Co., - - Sherman, Ill.
Col. Geo P. Bellows, Auctioneer.

TRUMANS' CHAMPION STUD.

At the GREAT KANSAS CITY ROYAL SHOW our horses won

Champion Hackney Stallion, first and third aged Hackney Stallion, first and third three-year-old Hackney Stallion, Champion Hackney mare, first and third aged Shire Stallion, second, third and fourth three-year-old Shire Stallion, second, third and fourth two-year-old Shire Stallion, Gold Medal Shire mare, Champion Shire mare.

Write for illustrated catalog. All our prize winners are for sale at reasonable prices.

Trumans' Pioneer Stud Farm, BUSHNELL, ILL.

TOO LATE TO CLASSIFY.

50 Head of High-Class Registered Shetland Ponies TO BE SOLD NOVEMBER 8, 1906.

CONSISTING of stallions with show records including two Imported Stallions, prize-winning mares and colts, including imported mares. All mares old enough are safe in foal.

Sale to be held at my Stock Farm, Washington, Ill., Nov. 8th.

—Write for Catalog.—
GEO. A. HEYL.

HERD HEADING DUROC-JERSEYS, STAPLES & SONS' Great Offering

Clidden, Iowa, November 8th, 1906

50 HEAD OF HIS TOPS--35 BOARS, 15 CHOICE GILTS. A few of the attractions: Two great boars by Orion out of the \$605 sweepstakes sow Nancy VIII. Three by the prize-winning boar, Critic's Echo, out of a Nancy sow. Others by Junior Jim, Proud Advance Again, I Am A Wonder and O Pig by Orion. Write for catalog at once. Address,
W. A. STAPLES & SONS Col. F. F. LUTHER, Auct. **GLIDDEN, IA.**

Noted

OHIO DUROC

Sales

WED., NOVEMBER 7, 1906.

55 **SELECTED** Duroc-Jersey Hogs 55

Will be sold on Farm, 1½ miles west of Columbus, Ohio.

This offering comprises the finest breeding and highest individual excellence, money and breeding can produce. Among the special features are pigs from Wilda 36584, by prize-winner Corroctor 9739 (A.), 15653 (N.). She is the great show and prize-winning sow bought of J. D. Neidlinger, October, 1906. Speaks Pearl 37848, the fine sow which topped the sale at Yellow Springs, Ohio, February, 1906. Bred to Whitehall King 15977 (A.), 42339 (N.). Useful Lady F. 33942, a great sow sired by Top Notcher 8803. Dam Useful Queen 24270. Bred to Proud Fancy 11331. Also pigs from other fine bred sows, sired by boars of best individuality and breeding as follows: Sensation Top Notcher 15629 (A.), 42937 (N.), Such Goods 15093, Challenger 12895, Ben Franklin 15095. Specials: As a special attraction will be fifteen young sows, farrowed October, November and December, 1906, bred and guaranteed to be safe in pig to KING PALL 17221, first in class and champion at Carthage, Ohio; first in class at Ohio State Fair, no champion ribbon offered; first in class champion and grand champion at Syracuse, N. Y.; first in class and champion at Lexington, Ky. All in 1906. Auctioneer: Cols. H. L. Iglehart and Vinnedge. Farm lies one and one-half miles west of Columbus, Ohio, on West Broad Street. Columbus, London & Springfield Interurban cars pass farm every hour.

Thomas Johnson
Spahr Bldg., COLUMBUS, OHIO.

NOVEMBER 9, 1906.

60 **HEAD OF DUROCS** 60

The Whitehall Farm Combination Sale Co. will offer to the breeders at Public Sale, draft of 60 HEAD OF DUROCS.

From the herds of S. E. Morton & Stewart Bros., Camden, Ohio; Geo. D. Black, C. E. Speaks, Whitehall Farm, G. H. Fogg, Yellow Springs, Ohio.

Consisting of 45 Head of Yearling and Fall Sows and Spring Gilts and 18 Head of Fall and Spring Boars of the most fashionable breeding. They are individually as good as their breeding. Sale to be held at Whitehall Farm, which is easily accessible by steam and traction roads. Write for catalog and come to the sale. Vinnedge, Iglehart and Isenhower, Auctioneers. Address,

WHITEHALL FARM
YELLOW SPRINGS, OHIO.

Send Bids to Mr. D. M. Pierce, representing This Paper

Grand Dispersion Sale of Aberdeen Angus Cattle.

Perhaps no place in the annals of history has it ever been recorded that thirty-five head of the famous Blackbird family of Aberdeen Angus cattle were ever thrown on the market by any one individual breeder or firm. The best-posted Angus breeders claim that this number has never been offered on either continent at one time. Nevertheless, it is the good fortune of Messrs. Baker & Smith, of Mt. Vernon, Iowa, to have this number to offer to their firm at their dispersion sale at Cloverdale farm adjoining the depot grounds of the C. & N. W. R. R. at Mt. Vernon on November 14th. It will undoubtedly be a surprise to the breeders of America to learn of the dispersion of the Cloverdale herd. There is no plea nor excuses for this offering; the facts are simply these: The partnership contract entered into a number of years ago by Mr. Matt Baker and Mrs. W. M. Smith has now more than outlived its time limit. Mr. Matt Baker has had charge of this herd absolutely since 1901 and is in position to prove by his books that each and every animal of breeding age in this herd has produced a calf each year. After this dispersion sale Mr. Baker will engage in the breeding of Angus cattle on his own account in western Iowa, where he and Mrs. Baker have one of the choicest farms in Shelby county. It is certainly with the regrets of Mrs. Smith that this herd is to be dispersed. The herd was founded by her late husband, Mr. W. M. Smith, in 1893, on the best and choicest Aberdeen Angus cattle foundation that could be secured at that time. The following announcement of Mr. Baker and Mrs. Smith, will best serve as an introductory for this all-important coming event: "In dispersing this herd of cattle we do so with much regret, yet with a degree of pride. The herd was established on the good sound judgment of the founder and fads had no place in his business career. He was a firm believer in 'whatsoever a man soweth that shall he also reap,' and that like begets like, and that merit will always win. Viewing the situation from this standpoint he bought the best offered for sale, and endeavored by the use of the highest type of bulls to breed good cattle. We have tried to follow along the line laid out and have been very careful in the selection of the herd bull and while good cattle are to be found in all strains of the breed, yet the tribes sent out from Tillyfour, Ballindalloch and Montbletton to do battle for the breed, to enrich, replenish and elevate, to mold the true Angus greatness, the tribes that have advanced the breed to the highest state of perfection yet attained, that have captured the leading prizes at the most important exhibitions in the world and broke records at public sales, are not numerous. It is on this solid rock we pinned our faith, hoisted our flag and marched into battle. What we have been doing is nothing superlative in the least; nothing but what any ordinary man can do, and nothing but what he should do. The main thing is start right and the battle is half won. We believe we are quite right

in making the statement that there never has been a farm dispersion sale during the history of the breed in this country where the opportunities to procure so many high-class breeding cattle were so great. The bulls used in the herd were as follows: Captain Forbes, Heather Black Jim, Key of the West, Cloverland Pride, Black Kiellor 3d and Blackbird Man. The herd has been in the hands of Mr. Matt Baker, the managing partner, and all dates and statements may be relied on. Farm just across from depot. Railroad stock yards on farm. Respectfully yours, Baker & Smith."

Escher's Great Big Polands.

One of the most up-to-date private sale catalogs that has come to our desk is that of Mr. E. F. Escher, of Manning, Iowa, the man that raises the great big Poland Chinas. It contains the pedigrees of all his herd boars and brood sows and is illustrated from cover to cover. It is printed on a nice quality of paper, but the best of it all is that it contains the kind of stuff the people want and it is therefore being asked for by everyone who is looking for a big boar or a few choice sows of the same type. The first illustration is of his great breeding boar, Gay Monarch, one of the largest hogs in the state and an easy 1,000-pound boar. The get of this hog has been in demand by all breeders who are growing the big ones. He is now shipping boars and sows every day and in a recent letter he says: "I am having excellent runs on sales; judging from present indications will easily clean up my entire lot of boars of about sixty head, and am placing most of them in good herds, where they will be heard from later on. Wild Rose Standard's get of two litters will net me about \$600. Out of her eleven boars I have but one each of fall and spring litter left. The fall boar should go at the head of some good herd, as he is worthy of the same position his litter brothers are filling. This fellow measures from pole of head to root of tail fifty-two inches, hump girth fifty-three inches, height thirty-five inches, bone of hind legs at smallest part eight and one-fourth inches, weight 350 pounds, and is thin. He will easily mature into a 900 or 1,000-pound hog, just as his sire, but will have more quality and, remember, he is one of the prolific sort. His dam has farrowed sixty pigs in five litters and has raised eighteen the past twelve months. His full sister, twelve months old, raised eleven boars out of a litter of thirteen, each one fit for herd use. W. R. Standard and her four daughters farrowed fifty-six pigs and saved nearly all of them. This is breeding that is making Escher's Big Ones famous, as they possess the size, quality and prolificacy second to none in the state. I am not changing herd boars, and the two old fellows stay right here at the head of my aged breeding herd. There got fills the bill of the best breeders. The breeder who may think Gay Monarch too large for a smooth breeder wants to get my catalog and look up our Perfect Chief 2d 37628 and Winsome Dude 2d 39159. Here

is something that is as well bred as your best, and having their show-yard record established they show for themselves. Write for catalog and get acquainted with one of the best herds of the "Big Ones," with size, quality and prolificacy.

Herefords in the Kansas City Auction.

Numerous young bulls that should appeal to the best breeders as herd headers are cataloged for the auction at Kansas City, November 1st. A list of the consignors will be found in the advertisement and from this it will be seen that their blood lines are of the best. Farmers and steer breeders will also find bulls cataloged that will meet their requirements in improving the type, thickness and finish of their cattle. These bulls will sell, whatever they may bring, and it may be that bargains and many of them will occur. No bulls are held in such high esteem as are the Herefords, which is demonstrative on every hand, but a notable instance of it occurred at the recent American Royal sales under the auspices of the various associations. Twenty-five Hereford bulls there averaged \$239.80, which was \$55 per head higher than was made by any other breed for their bulls. Hereford cows, however, of about as good quality as the bulls sold for only an average of \$139. Certainly females that will produce \$239 bulls are worth more than \$100 less than the annual income they will produce, and it simply proves that females of this breed are bound to advance, and that quickly. It also shows that there is a great opportunity just now to start in the breeding of Herefords and the forty head of cows and heifers uniformly good and high class in every particular cataloged for this auction present a chance to secure dams that will produce high-priced bulls that will prove the greatest of investments and money makers. The time to do it is when these superior females are offered. Next year probably they will be worth double the money. Many of us have seen such advances and it is not unreasonable at all to expect it.

Last Call for the Hayes' Short-horn Sale.

One offering of Short-horn cattle that should command the attention of the breeders and farmers is the one to be sold at Hampton, Neb., on October 31st. Mr. Hayes has been breeding Short-horn cattle for the past sixteen years and has always purchased the very best cattle to add to his herd. He has used good, strong sires and these will be shown in the strong lot of individuality found in the offering. The herd has increased considerably and this has caused the owner to part with some of the choicest of the herd. He will sell about forty head in all. Part of the cows will be safe in calf, while part will have calf at foot. Others will be bred to Barmpton Gloster got by Imp. Barmpton Ensign and pronounced by the best of judges one of the good sires of this breed. Mr. Hayes paid a good price for this animal and has been using him on the cows that have

calved since his addition to the herd. Starlight Oderic will be offered in this sale and we believe him to be one of the strong animals of the Short-horn breed. He has been used in the herd for some time and his get show that he is a choice sire. He is a very strong animal with good, strong back, very good feeding head and lots of bone, good, straight legs and a strong constitution. He should be taken by some good breeder. We have inspected the Hayes herd and will say that we do not know of a sale where more money makers can be found than will be sold in this sale on October 31st. The bull offering is choice and many a great prospect will go through the ring. These bulls have made a wonderful growth and will please any breeder. They come from strong families and the large, rosy cows have given them that easy feeding appearance so much liked by all. The offering will be made up of roans and rich-colored reds. The twenty-four females in the offering will be twelve cows and twelve heifers. These heifers are a bargain and will make any man money. One of the choice bred things in the sale is the Scotch-topped cow, Miss Cupbearer 2d got by Royal Prince IV. She is a Bellows-bred cow and one of the best in the offering. Glendale Beauty got by Ringmaster 2d, he by Lavender King 3d, is one of the cows that will have a heifer calf at foot. She is a very large cow weighing around the 1,300 pound mark. We could call attention to many more of the good ones, but will not, as we expect all interested to come to the sale. Remember that this sale will be one where bargains will be found.

A. F. Graves Sells Six Bulls in the McGavock Sale.

Mr. A. F. Graves, of King City, Mo., consigns six good Short-horn bulls to the McGavock sale, to be held at Kansas City, Mo., November 2d. Among these is a pure Scotch bull got by Straight Cruick, a Robins-bred bull got by Violet's Galahad. His dam, Faithful 2d, was got by Fride's Baron by Scarlet Knight, then follow such sires as Master Mason, Red Emperor, Lord Glamis, etc. He is listed as Lot 46, Dandy Dream, and will be found a desirable young yearling, a solid red and a sappy fellow. The man who wants an absolutely pure Bates bull will find one in Mr. Graves' consignment. He is listed as Lot 51, is red with just a little white and was bred by Messrs. Martin Flynn & Sons, of Des Moines, Iowa. His sire, Grand Duke of Enterprise, was got by Peculated Wild Eyes and his dam, Walnut Hill Hilpa Duchess, was by Kirk Kirklevington 3d by Waterloo Duke 8th, then follow the Bates bulls, 2d Duke of Brant, 22d Duke of Airdrie and Grand Duke of Thornedale. A pure Scotch Secret is listed as Lot 47 and was got by the pure Scotch bull, Gallant Son, and out of a daughter of the Bellows-bred bull, Scottish King. The next eight sires are bulls that were either bred by Amos Cruickshank or are close descendants of Cruickshank bulls. The other bulls from Mr. Graves' herd are all good, useful fellows and will be found great steer bulls.

Last Call for the Rasmess Short-horn Sale.

On Thursday, November 1st, at his farm near Lake City, Iowa, that veteran breeder, Mr. John Rasmess, will make his fifth annual sale of Short-horn cattle. Previous offerings from this well-known herd have always commanded the attention of breeders from home and abroad. His coming offering is the equal of anything ever sold before from this herd. The Scotch tribes are represented by Victorias, Lavenders, Miss Ramsdens, Wimples, Marchioness and Lovely tribes, while the Scotch-topped cattle are of the Young Phyllis, Rose of Sharon, Young Mary, Fisher Roan and other popular strains. Nine Scotch cows and heifers and five Scotch bulls will be sold, and they represent the cream of the breed. Fifteen of the cows in the sale will have calf at foot by his noted bull, Red Knight, and a few will have calf at foot by Lord Craibstone and also by his son, Keystone, the latter to be sold in this sale. It will not be out of place at this time to call attention to the two bulls that have headed the Rasmess herd. First and foremost was Fitz Eustace, a son of the noted Cumberland by King James and out of the 60th Duchess of Gloster by Imp. Chief Baron. For a number of years this great Duchess of Gloster bull headed the Rasmess herd and as an individual and as a breeder he stood second to no other bull in the state or the West. He assisted materially in lifting the Rasmess herd to the top of the Short-horn ladder, and made it one of the most noted herds in the state. In his coming sale will be several cows and heifers and a few bulls sired by him, and he is also the grandsire of a large per cent of the cattle in the sale. The old bull has passed out of existence, and it will be one of the last chances breeders will have to get some of his get. His present herd bull is Red Knight-174212, a son of Marengo's Count and out of Imp. Lady Douglas, the dam of the \$7,500 bull, Cumberland's Last. He is a Miss Ramsden, a low-down, thickly-made bull, and a grand good breeder. It has been remarked by the very best breeders that these two bulls were the best two in any one herd in the West, and they always merited all that has been said about them. The catalog will show these two bulls to be well represented in the sale, and they are the sires of some good stuff. Among the best Scotch cattle is Imp. Dalmeny Princess 9th, a six-year-old daughter of Imp. Scottish Sailor, and one of the best breeding cows in the West. She will have a bull calf at foot by Red Knight and is safe in calf again to the same bull. She is a splendid individual, has had five calves to her credit already, and she was one of the leading prize winners as a heifer in Scotland before she came over. Imp. Gladys of Dalmeny is another daughter of Imp. Scottish Sailor that will go into the sale and she is out of Imp. Gladys by the Duthie-bred bull, Prince of Fashion. She is also a splendid cow and will have a roan bull calf at foot by Red Knight. No. 3 is Lavender Pearl, a six-year-old daughter of Collynie Archer out of Miss Lavender by the Earl of March. She is one of the best bred Lavenders that will go into a sale this year. She is also one of the great breeders in the Rasmess herd and will have a bull calf at foot by Red Knight and will be rebred and safe in calf to him again. No. 4 is Bonnie Belle Mahone, a two-year-old heifer and a daughter of the noted bull, Champion. Her second dam is Imp. Bonnie Belle by old Craven Knight, and she is also one of the good things in the sale. She will be safe in calf to Red Knight. There will be four daughters of old Champion in the sale and about nine head sired by Fitz Eustace. There will be a daughter of Imp. Scotland's Pride out of Imp. Topsy. She is one of the high-class heifers in the sale. He also sells daughters of such well-known Scotch bulls as Prince of Athens, Godoy, Baron Lavender, Lord Marr and other high-class herd leaders. His bull offering is the best he has ever made. He sells the bull, Keystone, a son of Lord Craibstone. This bull he purchased last season at the W. J. Henry sale, and he topped that offering. One of these is Lavender Fitz 25894 by Fitz Eustace and out of Lavender Pearl by Collynie Archer. Then comes in unbroken lines such well-known bulls as the Earl of March, Red Emperor, Cumberland and Pride of the Isles. He is a straight Lavender and a very toppy fellow. Another eeking good youngster and the making of a splendid herd bull is Prince Victor by Earl Victor and out of a daughter of Fitz Eustace. His second dam is Imp. Dalmeny Princess by Scottish Sailor. He is a low-down, thickly-made fellow and as toppy as you find them. Another very excellent young bull is Royal Victor, a Victoria-bred bull bred by the well-known breeder, Mr. Ernest Funke. Here we have one of the growthiest bulls in the sale, splendid in color and a nice individual, and he is a bull that the buyers are going to like when they see him. Red Knight's Model is another good youngster, a son of old Red Knight and out of a daughter of Fitz Eustace. The offering is a good one from beginning to end and breeders and farmers will find some very choice cattle in this sale. Write for catalog at once and kindly mention The Homestead.

Last Call for Mt. Pleasant Short-horn Sale.

In making the last call for the Mt. Pleasant, Iowa, "Opportunity" Short-horn sale next Thursday, November 1st, as advertised by Sale Manager Mills on this page we wish to call attention to the fact that this event presents some attractions and opportunities in the selection of breeding cattle that are not often to be found. Among them is a pure Scotch herd bull of ultra-fashionable breeding, combining symmetry and finish with scale and quantity. This bull is known as Gold Stream 177214, a tried sire of reputation; a choice individual and valuable in every way. He is consigned by Messrs. Grimes Bros., of Montrose, Iowa, who guarantee him and part with him reluctantly, as there are few better-bred sires in Iowa possessing such individual merit. He belongs to the popular Nonpareil Princess family, than which there are few better, and in the list of sires contained in the pedigree are some of the more prominent

Cruickshank bulls, back for a dozen generations. His sire was invincible, a bull bred in Scotland by Mr. A. Crombie. The dam was a daughter of Imp. Spartan Hero, bred by Mr. Cruickshank and well known throughout Iowa; second dam by Vice Consul, also bred by Cruickshank, and the third dam, an imported cow by the Campbell-bred Golden Prince. Gold Stream is an excellent individual and for those demanding a straight Scotch pedigree, he should certainly prove a "plum." The extensive consignments of Scotch-topped young females from the Cedar Lawn farm of Mr. Philip J. Schoene, of Summerfield, Ill., presents unusual attractions worth looking after, representing worthy descendants from such great sires as Roan Gauntlet, Master of the Rolls, Craven Knight, Champion of England, Imp. Harvester and others. Mr. Schoene's cattle are bred from deep milk-producing strains and include young Marys, White Roses, Lady Elizabeths, and other popular sorts, including such sires as the pure Cruickshank Lavender bull, Ladron 113910, bred by Colonel Harris & Son, of the Lavender bull, Galahad. Grand Viscount 210512, a son of the Cruickshank Braith Bud sire, Lavender Viscount; Pride Perfection, a son of the noted Duthie-bred Cruickshank Mysie bull, Imp. Scottish Pride; Dick Taylor, son of the Cruickshank-bred Violet; Imp. Harvester, etc. These cows have either calves at foot or are bred to straight Scotch bulls in nearly every instance. Included in Mr. Schoene's consignment are five royally-bred young bulls, ripe for service that should be looked after by anyone seeking to improve his herd with top blood. Mr. W. G. Burkhardt, of Fairfield, Iowa, contributes some high-class Bates blood to this sale that should attract attention, including daughters of Wild Eyes Duke 5th. This bull was a son of Royal Waterloo, whose dam was also the dam of Peculated Wild Eyes, one of the most noted Bates-bred bulls in America. One of these cows, a three-year-old, traces to Imp. Waterloo Duchess 3d through a line of Bates-bred sires, largely from the noted Valle herd. Another traces to Imp. Water Girl by Grand Duke of Waterloo, and is valuable from a pedigree point of view. A fine two-year-old Waterloo Duchess bull is also included. His sire was Lily's Chief, a son of Imp. Matabele Chief, a superb, red bull bred in Aberdeenshire, Scotland. Outside this single Scotch pedigree, however, the pedigree is Bates throughout. Space forbids further mention. Catalogs are ready and will be cheerfully forwarded at once upon application to D. R. Mills, sale manager, Des Moines, Iowa, and additional entries for the Kansas City, St. Paul and Omaha sales are urged to forward pedigrees at once.

Last Call for Goodwin's Angus Offering.

At Heatherton Farm, Naperville, Ill., Wednesday, October 31st, will be held one of the most important sales of the season. Every indication is that it will be a gala affair in doddie circles. Naperville is but a twenty minutes' ride from Chicago on the main line of the Burlington, and special arrangements have been made with the road to accommodate stockmen. The list of animals offered is complete in every respect, and probably more Angus breeders will be gathered on that date than for any Angus date of recent years. There will be plenty of animals and at prices that those seeking first-class breeding can afford to pay. It is a sale with many features. The male offering is prime, including an extra fine bunch of bulls of different ages. A number of these will be seen by reference to the catalog to be a little young, yet it is the chance to get a good one right. From this lot one can pick a bull that will be ready for service by the time he must change the stock bull. Prince of Elches 3d is a fifteen-months-old Erica and a Jilt-bred bull that will make good at the head of any herd. His dam with a fine heifer calf at foot is also in the sale. A pair of twins, sixteen months old, by Zaire 12th, now at the head of Mr. L. H. Kerrick's herd, will prove another attraction. There will be a regular bouquet of Rosebuds shown, three bulls and three cows, that are full of merit. Heather Monk will likely be the sensation of the sale. As a yearling he tips the beam at 1,600 pounds and has been tested and found to be a sure breeder. His sire is Black Monarch of Emerson and his grandsire, Black Knight, among whose noted get were the first, second and third-prize cows at the Columbian World's Fair. Forty head of cows are cataloged and about one-third have calves at foot, while half the number show offspring in the sale. There will be exceptional Jilts, six in number, all except one by the champion, Blackbird King. They are extra good. Blackbird 19th, the last calf of Blackbird 5th, is offered. She has a calf at foot, as well as Blackbird Lassie 7th, by the noted \$3,100 Black Woodlawn. Her first calf is now at the head of Messrs. Palmer & Palmer's herd. Trojan Ericas will also be included in considerable number. The standard is high all through, as a perusal of the sale catalog and Heatherton Herd History will show. Both of these will be mailed on request sent to Mr. John S. Goodwin, Chicago, whose advertisement appears on page 35. Kindly mention this paper when writing.

Last Call Humbert & Thomas Duroc Sale.

One of the best offerings that now remain to be sold this fall in southern Iowa will be that of Messrs. Humbert & Thomas, at Corning, Iowa, on November 3d. They are selling fifty head altogether—twenty-five boars and twenty-five sows. This offering carries some of the best blood known to the breed, such as that of Tip Top Notcher (the highest-priced Duroc Jersey boar ever sold), Gold Dust Jim (the noted Iowa State Fair sweepstakes winner), and old Duroc Challenger (noted as the sire of Cole's Duroc and Larchwood, first and second-prize boars at the Nebraska State Fair in 1903). There will be a lot of excellent boars in this sale, the most of which are sired by Tip Top Notcher Gold Dust, a son of the great Tip Top Notcher, and some of these are out of some of his best Duroc Challenger sows. There will be a few fall boars in the sale, and the rest will be spring boars. The gilts are all sired by Tip Top Gold Duat, and they are among the best we have seen this fall. There will be a num-

"LAST CALL"

MT. PLEASANT, IA.

TUES., OCT. 30 and THURS., NOV. 1.

"OPPORTUNITY SALE" of HEREFORDS and SHORT-HORNS

IN THE FAIR GROUNDS SALE PAVILION

100 HEAD OF REGISTERED CATTLE AT AUCTION

HEREFORDS SHORT-HORNS

TUES., OCT. 30th THURS., NOV. 1st

40 CHOICE FEMALES WITH MANY CALVES AND 20 SUPERB BULLS OF THE MOST FASHIONABLE FAMILIES INCLUDING THE WELL-KNOWN HERD BULL AND TRIED SIRE, CARLYLE 178641.

Consignors:—A. E. CHURCH, W. T. WRIGHT, J. H. WALLBANK & SONS, JNO. BURKE, all of Mt. Pleasant, Ia.; W. A. TADE & SONS, Hillsboro, Ia.; J. V. BROOK, Bentonport, Ia.; J. L. JONES, Roscoe, Ia.; JNO. SAAR, Jr., Cantrill, Ia.; G. B. ROBINSON, Marble Rock, Ia.; JNO. SHERPHEED, Dunville, Ia.; JAS. B. DAIRES, Florio, Ia.; AND OTHERS DESIRING TO JOIN AT ONCE.

PURE SCOTCH, SCOTCH TOPPED AND BATES CATTLE OF THE POPULAR SORTS AND DUAL PURPOSE CHARACTER, INCLUDING WELL BRED FEMALES WITH CALVES, AND ABOUT A DOZEN GRAND YOUNG BULLS; ALSO THE PURE SCOTCH HERD BULL GOLD STREAM 177214, A NONPAREIL AND ONE OF THE BEST BRED BULLS IN IOWA AND A GRAND BREEDER.

Consignors:—PHILIP J. SCHOENE, Summerfield, Ill.; GRIMES BROS., Montrose, Ia.; W. G. BURKHART, Fairfield, Ia.; E. D. SEAMANS, Salem, Ia.; E. J. AUGSPURGER, Pulaski, Ia.; AND OTHERS DESIRING TO JOIN AT ONCE.

CATALOGS READY-----ADDRESS AT ONCE.

D. R. MILLS, SALE MANAGER.

DES MOINES, IOWA.

Cols. Igo, Wenger Bros., E. Z. Holland.

Mention the Homestead

Royally Bred Offering of
Scotch and
Scotch-Topped..... Short-hornsTo be sold at my Farm near Hampton, Nebraska.
OCTOBER 31st, 1906.26 Head Cows and Bulls. Choice Herd Headers. 26 Head
Cows with Calf at Foot or Safe in Calf.

Such families as Imp. Prince Oderic, Imp. Julius, Imp. Ducal Crown, Imp. Chief Stewart, Imp. Northern Light, Imp. Baron Jubilee Gwynne. Females trace to Imp. Victoria 1st, Imp. Eliza, Imp. Orange Blossom 18th, Imp. Seraphina Carrissima 3d, Imp. Foxglove, Imp. Rose of Sharon, Imp. Rosemary, Imp. Adelaide, Imp. Princess and Imp. Beauty.

My offering will be one of good, choice cattle bred in the purple. My cattle will go into the ring in good condition. The cows will have calf at foot by pure Scotch bull or safe in calf to same. My catalog is now ready. Mention this paper when writing.

E. J. HAYES, Prop.

T. C. CALLAHAN,
Auctioneer.

HAMPTON, NEB.

PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARNs AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

ber of brood sows in the sale, some with litter by Gold Dust Jim 2d, their present herd boar, and one of the best sires in southern Iowa. Gilts sired by this boar sold for from \$150 to \$250 in the E. Z. Russell sale last winter, and proved to be among the best that were sold in that sale. He is a sire of high-class stuff, and a sow with litter by him will be something that breeders can take hold of. One of the sows to be sold is sired by old Hoosier Banner, and she will be bred to Gold

Dust Jim 2d. If any of our readers have not yet purchased a boar, here will be the place to get one. The gilts that are to be sold will be bargains. This firm will not make a spring sale, and therefore are putting their sows in this fall sale. Last year some of the breeders bought sows of this same firm and put them in their spring sales and doubled their money, and the same thing can again be done this fall. Write for catalog and be sure to attend the sale at Corning, Iowa, on November 3d.

**PRIZE
WINNING**

O. L. C. SWINE

35 Boars--AT AUCTION AT INDEPENDENCE, MO., NOV. 2---25 Sows
FRIDAY MORNING.

The blood of Kerr Dick, the World's Fair junior champion, and Big Mary, the champion sow, predominates. The following American Royal winners go: The champion boar, the reserve champion, the first and second prize six months boar and litter brother; five sons of the great Kerr Dick. Among the sows are the first and second prize gilts and all the sows shown as produce of sow, get of sire and in young herd. This is by far the greatest lot of O. L. C.'s ever gotten together. Sale will be held in town and in the forenoon at 10 o'clock. Electric cars from Kansas City, Mo., will get you there in forty-five minutes.

O. L. KERR, Col. J. W. Sparks and others, **INDEPENDENCE, MO.**
Auctioneers.

The Only All Scotch Sale of Short-horns to be Held in Iowa this Fall.

On page 32 of this issue will be found an announcement by the old reliable firm of Messrs. S. H. Thompson's Sons, of Iowa, City, and Messrs. Wm. Smith & Sons, of West Branch, Iowa, of their sale of all Scotch Short-horns to be held at West Liberty, Iowa, on November 14th. This will certainly be the most attractive sale of the season, as it is the only sale announced where all of the cattle to be sold are Scotch. Messrs. Thompson's Sons sell twenty-seven head, all but one of their own breeding. Messrs. Wm. Smith & Sons are practically dispersing their herd of Scotch cattle, consisting of eighteen head, all of the famous Scotch Rosemary family (by Breadalbane), the entire herd descending from one cow purchased some ten years ago from Mr. S. H. Thompson. Messrs. Smith's entire offering, with the exception of Ringmaster, the herd bull, has been bred by themselves. In many respects this is the most phenomenal offering of Short-horn cattle that has been made in recent years. When forty-five head of Scotch cattle are listed by two breeders it is a rare occurrence that the entire offering with but two single exceptions have been bred by the consignors. A sermon might be preached on the possibilities of success in the Short-horn breeding business from Messrs. Wm. Smith & Sons' experience. Such uniformity of breed type, character and general conformation can be obtained in no other way than by adhering to few families, breeding and developing them by careful hands, attended by close observation. These are precisely the conditions that have existed with regard to the Smith consignment. At this early writing we shall not enter into detail or attempt to individualize on any of the offering, leaving that for future issues. We wish at this particular time to impress upon the minds of Homestead readers that Messrs. Thompson have spent nearly a third of a century in breeding Short-horn cattle, and are now in position to offer the public some splendid specimens that have been obtained through their many long years of successful breeding and developing this, the most famous breed of beef cattle extant. The Thompson herd is without exception solid red in color, this firm having been somewhat tenacious of this favorite color for many years, they having used nothing but red bulls that best met their fancy. Their offering consists largely of females, with some seven bulls only, including several herd heads. So far as color is concerned, the same may be said of Mr. Smith's offering. It is certainly advisable for those who desire to start in the Short-horn business to buy their foundation stock of reputable and reliable breeders who have achieved success in this difficult but splendid line of the live stock business. There is certainly no business that requires greater care or broader-minded or more liberal lieutenants, than does the breeding and rearing of improved pedigreed live stock. These breeders are painstaking, careful, methodical and honorable gentlemen, whose word is as good as a government bond. It is always a pleasure to The Homestead to endorse and recommend breeders of this character, and we trust that our readers will have this sale in mind so that they will apply early to either of the consignors for a catalog. This catalog will certainly reveal as rich a lot of Scotch breeding as has ever been offered to the public. There are no old or worn-out cattle in the sale. Six years is about the oldest animal listed, and this, according to all rules of breeding animals, is but the prime of life, while the major portion are four years old or younger. Watch for future announcements and for sample pedigrees in our issue of November 8th.

Donohoe & Cash Sale of Aberdeen Angus Cattle.

Ever since the announcement of the Donohoe & Cash sale, on November 13th, at Holbrook, Iowa, much talk has been indulged in among Angus breeders concerning the high quality of Aberdeen Angus cattle that the enterprising breeders around Holbrook would contribute to this sale. The Homestead is now in position, after a thorough inspection of the entire offering of sixty-five head that will go under the auctioneer's hammer on November 13th, at the new pavilion in Holbrook, to announce that the offering is strictly first class, from start to finish, and includes practically the entire herd of Mr. Wm. Cash, of Williamsburg, Iowa, including his great show and breeding bull, Woodlawn Blackbird Lad, as well as liberal consignments from the herds of other well-known breeders, such as Mr. P. J. Donohoe, who

has cut quite a figure in all the leading show yards this year, including the American Royal, where he carried off six blue ribbons and four championships. Mr. Mike Donohoe, as well as Mr. M. H. Donohoe, are contributing from the best end of their herds. The same is true of Messrs. John Cash and Mike Cash, while Mr. Patrick Lehey will send forth a few noble specimens of the famous blackskins from his very select herd. In this, our initial mention of this sale, we make no attempt at individualizing on any of the cattle. It is sufficient to say, however, that this will be one of the most important Aberdeen Angus sales to be held this fall. Because of the great Blackbird sale to be held at Mt. Vernon, Iowa, on November 14th, these breeders surrounding Holbrook have been persuaded to part with twenty head of their choicest cattle of the famous aristocratic Blackbird family, with liberal additions of the following families: Pride, Queen Mother and Erica, including Trojan Erica. Two of the most famous Aberdeen Angus bulls (herd heads) will be offered in the great show and breeding bull, Woodlawn Blackbird Lad, and the champion young bull, Glenfoi Thickset 2d. The former bull was used with marked success and won numerous coveted prizes in the hands of such breeders of Messrs. Cantine Bros. & Stevenson, of Holstein, Iowa, and later by Mr. E. J. Davis, of Iowa City, Iowa. This is one of the best show and breeding bulls in the land, and while he is some seven years old, does not show his age in the least. The females in this sale are bred largely to Woodlawn Blackbird Lad and Black Woodlawn, the latter conceded by all good judges to be the best Aberdeen Angus bull in America. The latter bull, of course, is not for sale, but his son, Glenfoi Thickset 2d, junior champion at Kansas City at the recent American Royal, is included. It will doubtless be a battle royal among the foremost Aberdeen Angus breeders of America to see who shall own this champion young bull. With these preliminaries, we conclude for this initial mention and trust that every lover of Aberdeen Angus cattle in America will forward their application at once for a sale catalog of this very important sale to either Messrs. P. J. Donohoe, of Holbrook, Iowa, or Wm. Cash, of Williamsburg, and kindly mention The Homestead when writing.

Shelby County Short-horn Breeders' Sale.

The first annual sale of the Shelby County Short-horn Breeders' Association will be held at the sale pavilion, Harlan, Iowa, November 13, 1906. There will be forty-five head of cattle in this sale from the herds of Messrs. J. G. Westrope, J. C. Nyrop, John Obrecht, H. W. Littleton, G. H. Miller, R. C. Rasmussen, V. L. Dayton, A. Sonneland, W. F. Kilpatrick, C. W. Daws & Son, G. E. Miller and Ole Olson, all well-known breeders in Shelby county. Mr. C. W. Daws, the manager of the sale and one of the most reliable Short-horn men in the state, writes as follows: "I have seen the most of the cattle and you may say to Homestead readers that they are a lot of well-bred Short-horns, of decided beef and milking quality and not a lot of culls. We have taken considerable pains to have the very best for this sale and have made requirements of all those consigning cattle that had to be lived up to. As this is our first annual sale we are going to leave no stone unturned to make it a good one, and buyers will not be disappointed when they come to the sale." There will be some choice Scotch and Scotch-topped cattle in the offering and there will be bulls in this sale that will be fit to head any herd. Mr. J. G. Westrope is the largest contributor, having seven head in the sale. He is putting in a very choice lot of bulls, some of which are sired by the Scotch bull, Sirocco, that formerly did service in his herd. He also sells a few good females. One of the best things in the sale in the way of a Scotch herd bull is Golden Steadfast 182418 by Imp. Steadfast and out of the \$700 cow, Golden Hue, by the Parsons-bred bull, Commodore. He is a five-year-old bull, a roan in color, a good individual and a splendid breeding bull. He is a very thick bull and will weigh a ton. Broad on top, deep through the middle, good in all his lines, he certainly is a proposition to some good breeder who is looking for a herd bull. He belongs to the Cruickshank Brawith Bud family and is consigned by Mr. V. L. Dayton, of Panama, Iowa. He cannot use him in the herd any longer because he has retained all his heifers. He also sells a yearling son of his out of a daughter of Imp. Scottish Pride. He is one of the most richly-bred bulls in the catalog, having nine imported bulls in his pedigree. Mr. Dayton also sells two good Cypress cows and one Matilda. The other breeders are

SECOND ANNUAL COMBINATION SALE

OF PURE BRED

Short-horns

AT CHARITON, IOWA,

NOVEMBER 8 AND 9, 1906

BY LUCAS COUNTY SHORT-HORN BREEDERS ASS'T'N

**70
Cows**

They include Imp. Avalanche and several richly bred pure Scotch and Scotch Topped bulls and a choice lot of younger ones. The cows are a well bred, useful lot, raised under natural conditions and are all regular breeders. Send for catalog.

**30
Bulls**

C. W. HUNTLEY, Sec.

Cols. Geo. P. Bellows, I. A. McMains, Auctioneers.

also selling their best cattle, and we will tell our readers in our next issue about the entire offering. In the meantime it will pay any of our readers to write to Mr. C. W. Daws, of Harlan, Iowa, manager of the sale, for catalog. Kindly mention The Homestead when writing.

Short-horns at Kansas City.

It is an unusually good offering of Short-horns that Manager McGavock has gathered for his auction at Kansas City, November 2d. A letter in this issue from Col. T. B. Hart, who owns one of the best Scotch herds, will show that he is consigning two herd heading bulls and three show heifers. Mr. J. K. Alexander, also of Edinburg, Ill., consigns a superior straight Scotch yearling bull and a two-year-old heifer of grand quality. Edinburg also contributes other good cattle in the entries of Mr. I. W. Baughman. He is sending four sons and daughters of the Scotch bull, Bapton Gloster that Mr. McGavock recently sold for Mr. Baughman to Mr. E. J. Hays, of Hampton, Neb., to head his choice herd. Bapton Gloster is one of the best sires of the breed. Mr. Baughman also includes the dams of these four Bapton Gloster calves. Two herd heads are cataloged by Mr. A. H. Robertson, of Clark, Mo. They are the five-year-old Morning Flash (a Missie bred by Mr. C. L. Gerlaugh) and his yearling son, Goldust, of the noted Golden Drop family. Morning

Flash was got by the Duthie-bred Imp. Sittytton Flash, and out of Imp. Missie May by the famous Pride of Morning. He has been used in the herd of Mr. Robertson for several years and is now offered for sale on account of having too many of his females to retain him profitably in a small herd. His sons and daughters included in the auction will demonstrate his superiority as a sire and as an individual he will show for himself. The strongest Scotch consignment to the auction comes from Vandalia, Mo., and Messrs. W. L. Wright and W. V. Branstetter are the owners. Three imported cows are included and a half dozen other straight Scotch females and a Scotch bull are also cataloged by them. We wish to mention especially the seven-year-old cow, Imp. Fairy Maid 3d, a daughter of Mirabeau, a son of the famous Star of Morning. She is one of the best Scotch cows ever imported to America, and was selected by the noted judge, George P. Bellows, as the very best cow he could obtain for Mr. Wright. She has two daughters this week in the Wood dispersion in Ohio, and Mr. Wright retains in his herd a bull and a heifer from her, both of which are sired by Imp. First in the Ring. She will be sold with a beautiful red heifer calf at foot by the champion, Lavender Viscount, and was rebred in August to Modern Marshal. There is not only straight Scotch, but there will be found Scotch-topped animals in this offering to suit those in search of the best type and conformation and the attendance of cattle breeders in general is urged.

Last Call for "Opportunity" Short-horn Sale at Mt. Pleasant, Iowa.

Mt. Pleasant, Iowa, will have the distinction next Tuesday, October 30th, of holding one of the greatest Hereford sales that has taken place anywhere in the United States this year, at least the opportunity to secure bargains, as advertised by D. R. Mills, sale manager, of Des Moines, Iowa, on page 30, will be second to none, and should attract the universal attention of Hereford admirers throughout Iowa and the middle West. Mt. Pleasant is located in Henry county, Iowa, in the southeastern part of the state, on the C., B. & Q. R. R., only two counties from the Illinois and Missouri lines, hence convenient for buyers from these states, as well as Iowa. It is not too late to secure catalogs if applied for at once, and all admirers of good Hereford cattle are urged to attend. Sixty head are included, embracing forty choice females and twenty superb bulls, including several herd heads of reputation. The most fashionable blood of the breed predominates throughout the entire list of consignments, which are contributed by well-known breeders whose names will be found in the advertisement. Mr. J. L. Jones, of Roscoe, Iowa, contributes six splendid heifers by Lawton 80-80, son of Lars and Perfection's Percy 159923. Those of breeding age have either calves at foot or are bred to Alto Beau 8th 158119, by the prize-winning Masquerader, son of Lamplighter, or Perfection's Percy. This latter bull, Perfection's Percy, is also included and is a grandson of the \$10,000 Dale. He was bred by Mr. Hoxie and should go to the head of some good herd. Mr. A. E. Church, of Mt. Pleasant, Iowa, sends twenty-two head, fourteen of which are a grand lot of females tracing to Anxiety 3d, Anxiety 4th, Beau Real, Corrector, Lord Wilton, etc., many of which have calves and are rebred to the herd bull, Carlyle 17861. Carlyle is also included, being a magnificent representative of Kansas Lad through Eureka, the grandsire of the champion, Lorna Doone. He is of the low-down, beefy type and guaranteed in every way by Mr. Church. Mr. W. T. Wright, of Mt. Pleasant, is well represented by three choice females by Wilton A. 6th, grandson of Lord Wilton; Alto Beau 8th, grandson of Lamplighter, and Pre-emptor, one of Messrs. Gudgell & Simpson's best productions, descending from Earl of Shadeland, out of a Beau Brummel dam. Mr. J. S. Brock, of Bentonport, Iowa, contributes three bulls and a heifer by Columbus 51st out of high-bred dams. Mr. John Saar, Jr., of Cantril, Iowa, sends four cows and three bulls, one of the latter, Dandy Rex 225857, a grandson of Princeps, whose get have proven so remarkably successful in the show rings this fall. The rest of his consignment are grandsons and granddaughters of Anxiety 3d, Corrector, Princeps and Donald Dhu, both the latter by Lamplighter. Mr. John Burke, of Mt. Pleasant, Iowa, enters a valuable cow, descending in a direct line from Kansas Lad and out of a daughter of Earl of Shadeland, second dam by Anxiety 4th, and she has a lusty bull calf at foot. Messrs. Jas. Wallbank & Sons, of Mt. Pleasant, are represented by Petal 6th, out of a daughter of Anxiety 4th, which should prove pure gold to astute breeders. She has an August hull calf at foot and is rebred to Wilton Alamo 6th, by Wilton Grove, grandson of Lord Wilton. Mr. G. B. Robinson, of Marble Rock, Iowa, lists one of the notable consignments of the sale, the same being sired by sons and grandsons of old St. Louis, whose blood is getting so scarce; Corrector, Java and Lord Wilton, the females tracing to Lord Wilton having calves at foot and rebred to popular sires. Mr. John Shepherd, of Danville, Iowa, sends two bulls by Alto Beau 8th, grandson of old Lamplighter from daughters by Earl of Shadeland and Cherry Boy and Mr. James D. Davis, of Floris, Iowa, Mats grandsons of Java that should not be overlooked. The sale will be called at 1 p. m. and catalogs will be immediately forwarded upon application to D. R. Mills, sale manager, Des Moines, Iowa, who also urges contemplating contributors to his Kansas City, St. Paul and Omaha sales to forward entries and pedigree at once.

The Steward & Hutcheon Sale.

Breeders of Hereford cattle throughout the country who wish breeding stock to add to their herds, animals to fill in their show herds, or the man who is founding a herd should look to the Steward & Hutcheon sale, to be held at the farm near Bolckow, Mo., on Wednesday, November 7th. In the bull end of the offering there will be found animals fit to head most any herd. The individuality is there and the breeding should please the most exacting. The first of these is the hull, Parsifal, listed as Lot 1. Few better-bred bulls are to be found, he being got by Predatory, a grandson of Don Carlos and out of a Beau Brummel cow. Parsifal's dam, Priscilla 5th, was got by Messrs. Gudgell & Simpson's great breeding bull, Lamplighter, by Don Carlos, and the dam of Priscilla 5th, Priscilla, was got by a son of Don Carlos. Where can more Anxiety blood be found and through a hull that was good enough to stand second at the last American Royal in a strong ring of junior yearlings, and second as a junior calf at the same show in 1905? To describe him is but to repeat the hull is old story, and we simply say the hull is right, the breeding is of the best and the man hunting a top-notch herd bull should not miss being on hand. He is listed as Lot 1. A September yearling that should appeal to many is Beaumont Jr., listed as Lot 2. He, too, is a royally-bred hull, being got by Beaumont, that great breeding bull that has sired so many winners for Messrs. Steward & Hutcheon. Beaumont was got by Beau Brummel and out of Mansellette by Don Carlos. The dam of Beaumont Jr. is Beau's Queen, got by Beau Brummel and out of Fowler Queen 2d, she by old Fowler. Breeders should not lose sight of the fact that it is from Fowler Queen 2d that Messrs. Steward & Hutcheon got so much of their good stuff, and a hull from this family should appeal to those who desire to buy herd-leading material that comes from stock that breeds on and on. As stated last week, the hull trade with Messrs. Steward & Hutcheon has been such that not enough hulls were left in the herd to make a very strong list

of hulls and Messrs. Van Natta & Son, of Fowler, Ind., were asked to contribute seven head, which they have done. The entire seven head are by their famous herd bull, Prime Lad, and from their best cows. Messrs. Van Natta & Son realized that in order to show up as good a lot for quality as will be expected in such a sale they must pick carefully, and this they have done, selecting seven bulls that they think will be a credit to most any herd. Two of these are just past two years of age. One, Prime Lad 11th, listed as Lot 6, is a hull that Mr. Van Natta says has much scale, yet is not lacking for quality. His dam, Ellen Terry, traces close up to such sires as Beau Real, The Grove 3d and Anxiety. The other, Prime Lad 13th, listed as Lot 7, is out of Miss March On, got by March On and out of Roaa Fowler by old Fowler. Miss March On's full sister won junior championship wherever shown. Prime Lad 19th, listed as Lot 5, is also out of a March On cow that was shown successfully as a two-year-old. Her dam, Cleopatra, cost Messrs. Van Natta & Son \$1,010 as a yearling. Another of the good sons of Prime Lad is listed as Lot 8, Prime Lad 20th. His dam, Bright Lass, was got by Lamplighter and was picked by Messrs. Van Natta & Son as one of the good things produced by Messrs. Gudgell & Simpson. Messrs. Van Natta & Son bring these bulls West hoping they will be appreciated by western buyers. They have not been highly fitted, but will carry just enough flesh to show their worth. The female end of this sale is strong in daughters of the great herd bull, Beaumont, yet there are others that will appeal to the most critical buyers. One of the attractions of the entire sale is the five-year-old cow, Beau's Queen and bull calf, got by Beaumont. Beau's Queen was got by Beau Brummel and out of that great breeding cow, Fowler Queen 2d. Few finer specimens of the breed are found. As a calf she was first in class and junior champion at the international and in 1903 was defeated by her sister for grand champion. Today, after producing two calves, she shows as much quality as one could ask for and is certainly a magnificent specimen of the breed, being a cow of much substance, a broad-backed cow and one that has quality from end to end. She should go to a good home where her bull calf will be appreciated as much as the cow. Lot 15, Gladys, got by March On 5th and out of Greenwood Queen 2d, is another of the Queen family and one that should please some critical buyer. She, too, is an international winner, standing first in a class of junior calves the same year Beau's Queen won first as a senior calf. She sells with calf at foot by Beaumont. Lot 39, Beaumont's Queen by Beaumont and out of Fowler Queen 2d, is a three-year-old cow that will please any admirer of the "white face." She was second-prize calf at St. Louis World's Fair and junior champion at Portland Exposition last year. Few better breeding cows will be found. She sells with bull calf at foot by Mapleton Beau and is rebred since June 16th to Mapleton Lad. Missouri Queen, listed as Lot 38, is a full sister to Beaumont's Queen and is a most desirable yearling heifer. Lot 40, Mapleton Queen, is another of the good daughters of Beaumont and Fowler Queen 2d. She is just past two years old. Last year she stood second in class at Minnesota State Fair and at Portland. Mr. Hutcheon thinks she is even better in her two-year-old form and we think with him on this subject. These are but a few of the many good things that go in the Steward & Hutcheon sale and it is to be regretted that this herd should be practically dispersed at a time when it had reached such a state of perfection. The breeders who realize the time and money spent in bringing it to its present high standard should avail themselves of this opportunity to secure the best that two such men as Messrs. John Steward and Wm. Hutcheon have spent their years of labor building. Only a few old cows and the herd bull, Beaumont, are held out of the sale, and on these Mr. Hutcheon will continue to spend his time building another herd. The advertisement will be found on page 35 and those of our readers who are interested in the "white face" should send at once for a catalog and arrange to attend the sale, and one of these Mr. Hutcheon will Burlington and Guilford on the Great Western.

Kerr's Sale of Prize-Winning O. I. C.'s Forenoon, Friday, November 2d.

The sale of prize-winning O. I. C. swine, to be held by Mr. O. L. Kerr, of Independence, Mo., on Friday, November 2d, at Independence, Mo., will be one of the greatest sales of O. I. C. swine ever put up at auction and those who attend will see the grandest lot of individuals they have ever seen. Mr. Kerr has developed the bone, the feet, the back and the head and ears on his O. I. C.'s to such a high state of excellence that it is doubtful if there is another herd in America that can show as many that are as good as the Kerr O. I. C.'s. We do not wish to over estimate, but we do think great credit is due Mr. Kerr for the manner in which he has brought the O. I. C. to the front in the past two years and the breeder who wants herd boar material or a sow to add to his herd should respond to Mr. Kerr's invitation to be with him on November 2d. If the hogs do not please you it will be because you have a different type in mind than has Mr. Kerr. Six championships went to Mr. Kerr's herd at the American Royal and the ring-side talent were unanimous in their comments, saying that Mr. Kerr had the greatest lot of O. I. C.'s ever seen at any show. Among the thirty-five hogs listed the writer has never seen so many uniformly good ones and they are headed by the champion, the reserve champion and the first and second prize pig under six months. These were also winners at the Missouri State Fair. There are others in the sale that are their equal, but were not of proper age to show. In sows Mr. Kerr has a strong lot listed, including the first and second prize gilts, the sows that won as produce of sow, get of sire and in young herd. In fact everything that goes in the sale has been selected with care. If any of our readers are in the market for O. I. C.'s that are bred right, that are backed by ancestors of great individuality, they will find them here and in goodly numbers. The last announcement of the sale will be found on page 31.

..FIRST ANNUAL SALE..

OF THE SHELBY COUNTY

SHORT-HORN

BREEDERS' ASSOCIATION

TO BE HELD AT THE SALE PAVILION

HARLAN, IOWA, TUESDAY, NOV. 13, 1906.

A Choice Lot of Scotch and Scotch Topped Cattle From the Herds of

J. C. NYRUP, J. A. OBRECHT, H. W. LITTLETON, J. G. WESTROPE, G. H. MILLER, OLE OLSON, V. L. DAYTON, AUG. SONNELAND, W. F. KILPATRICK, G. E. MILLER, C. W. DAWS & SON, R. C. RASMUSSEN.

30 Cows and Heifers and 15 Bulls

The cattle that go into this sale have all been inspected by a committee selected to pass upon them and nothing but the very best was allowed to be cataloged. There are some particularly high class herd bulls in the offering, some of which are straight Scotch. The cows and heifers are also a very high class lot of the beefy, early maturing, and well bred lot of cattle and many of these will have calf at foot. When writing for catalog, address

C. W. DAWS, MGR., - HARLAN, IA.

Col. Geo. F. Bellows, Auctioneer.

ALL SCOTCH Short-horn Sale

The only sale of absolutely all Scotch Short-horn Cattle to be held this Fall will be the sale of S. H. Thompson's Sons and W. M. Smith at West Liberty, Ia., Nov. 14.

S. H. Thompson's Sons sell twenty-seven head; W. M. Smith & Sons, 18 head, the Smith contingent being a dispersion, all of the Scotch Rosemary family. Thompson sells 17 females, all but three with calves at foot, or are bred, ranging from one to five years of age—all but one bred by themselves. Ten Scotch bulls are listed, of the Lavender, Alexandrina, Lovely, Mysie, Princess Royal, Duchess of Gloster and Rosemarys. Wm. Smith & Sons sell their herd bull, Ringmaster, a son of Young Commodore. Fifteen of the 18 contributed by Smith & Sons are females. Some showyard material, as well as some great breeding stock, is listed. The sale will be held at West Liberty in the heated pavilion.

Address for Catalogs either

S. H. THOMPSON'S or WM. SMITH
SONS & SONS

IOWA CITY, IOWA. WEST BRANCH, IOWA.

Col. F. M. Woods, Auctioneer.

THE GREAT ILLINOIS CHAMPION SALE CIRCUIT

**OCTOBER 30th TO
NOVEMBER 2d,
1906, INCLUSIVE**

180 Tops from four of the good herds of Illinois. Each herd headed by a champion boar. A rare opportunity to buy a herd header.

**OCTOBER 30th TO
NOVEMBER 2d,
1906, INCLUSIVE.**

OCTOBER 30th.

McNEIL BROTHERS

Bowen, Illinois.

50 head. Twenty fall sows, 12 spring gilts, 2 tried-brood sows, 1 yearling boar, 15 winter and spring boars, the get of such males as our herd header Hanley, 1st at Ohio and Indiana state fairs, 1905; Keep On Ill.; Tip Top Notcher; Big I Am; Cantine Boy; The Great Conqueror; Queen's Pride; Chief No. 1; Manley Orion; Buddy K. IV., and others. Write for catalog.

OCTOBER 31st.

FAGAN, BROWNING, HESS & McGABE

Hersman, Illinois.

Great sale of herd headers. Ten good boars by Tip Top Notcher, Grand Champion World's Fair, St. Louis; others by Proud Advance, Keep On, A Top Notcher, Red Express. The blood of Kan't Be Beat, Ohio Ohler, Oom Paul, Nash's Model, Mayor Jr., Gold Cloud, Buddy K. IV., Hanley and others. We aim to sell good ones and have selected forty tops of the herd. Six boars in the sale by Tip Top Notcher and out of Helen Blazes, dam of \$1910 litter. They are extra nice. Write for catalog.

NOVEMBER 1st.

ED. A. BAXTER, Pawnee, Illinois.

45 head from the top boars and sows of the Pawnee herd. Six choice boars and 8 fall sows, 2 aged sows and 10 gilts by Buddy K. IV., 1st and Champion boar 1905 Illinois State Fair. Others by Proud Advance, Gold Cloud, Golden Echo, Red Express, Mayor Jr., Kruger Again, Double Track, Dumont and others. Red Carnation, the top sow of the Deal sale, will be sold with litter of pigs by Buddy K. IV., choice ones. Catalogs ready. They tell the rest. Buddy K. IV., 1st and Champion boar Illinois State Fair '05, second prize aged boar Illinois State Fair 1906.

NOVEMBER 2d.

FRED. KRASCHEL & SONS

Macon, Illinois.

45 head, 25 boars and 20 sows. Four choice boars by Gold Cloud, 1st and Champion Ill. State Fair, 1904; pigs by Tip Top Notcher, Top Notcher Chief, Golden Echo, Mayor, Jr., 1st in class, Ill. State Fair, 1905. Gold Standard Buddy T's Best, Double Track. Three out of Helen Blazes 4th. A choice collection of good ones. Two good pigs out of dam of the 2d prize boar 1905 at the Ill. State Fair. We have the blood of the prize-winners.

Cols. F. F. LUTHER, FRED REPPERT, JUDD MCGOWAN and C. G. KEIL, Auctioneers.

Send Bids to D. M. Pierce, Representing The Homestead.

Mention this Paper when writing.

**Combination
Sale**

ABERDEEN ANGUS CATTLE

THURSDAY, NOV. 8th, 1906.

AT

**SOTHAM
PAVILION, Kankakee, Ill.**



THE equal of this consignment has not been offered the public for years. More high class cattle than ever was offered in one sale before. More show cattle than ever was offered before, Blackbird Prides, Ericas, Heather Blooms and other fashionable families. No breeder need stay away because the cattle are not good enough. We are selling cattle that cannot be duplicated. The man who would like to start a herd can do it now and do it proper. Come see for yourself, and if you don't find them good I pay the expense. Send for a catalog and see the finest bunch of pedigrees you ever looked at. We are selling a great bunch of bulls. Biondel is, without doubt, the greatest bull ever sold at public auction, except Prince Ito.

**M. A. JUDY, Sale
Manager.**

Cols. Igo and Wood,
Auctioneers

BEECHER, ILL.

GRAND SALE OF

**65 HEAD Aberdeen 65 HEAD
Angus Cattle.**

THE DONOHUE & CASH SALE

OF

65 Aberdeen Angus Cattle

Will be held at the sale pavilion in

HOLBROOK, IA., NOV. 13, 1906.



WE will sell twenty Blackbirds, a number of Prides, Queen Mothers and Ericas. Twelve bulls will be listed including the champion show bull of 1906, Glenfoil Thickset 2d, first at Des Moines; first and junior champion, Kansas City. Fifty-three head of females, mostly bred to Black Woodlawn, or Woodlawn Blackbird Lad. Two of the best Angus bulls in America. Woodlawn Blackbird Lad is included in the sale. The consignors to this sale are P. J., Mike and M. H. Donohoe, William, John and Mike Cash, and Patrick Lahey. Cols. Woods and Igo, Auctioneers. Free conveyance from Parnell, Williamsburg and other surrounding railroad points. Mention this paper when writing. Address for catalogs,

P. J. DONOHUE,
Holbrook, Ia.

WM. CASH,
Williamsburg, Ia.

DISPERSION SALE OF THE CLOVERLAND HERD

Aberdeen

ANGUS CATTLE

WEDNESDAY, NOVEMBER 14, 1906.

On November 14th, in order to dissolve the partnership existing between Baker & Smith, the entire herd of Cloverland doddies will be sold at auction. The most remarkable offering of Aberdeen Angus Cattle ever placed before American breeders. Forty-eight head of first-class, highly-bred doddies of the market-topping sort. Thirty-five head of the world's most famous family, the BLACKBIRDS. No such an aggregation of the famous Blackbird family has ever yet been offered on either side the water. The two Blackbird herd bulls, Black Keillor 3d 41587 and Blackbird Man 72244.

Nine bulls are included in the sale, the remainder all being females. Show yard material as well as great foundation stock will here be found in abundance. Auctioneers, Cols. Silas Igo and Geo. P. Bellows, with assistants. Mt. Vernon, the place at which the sale will be held, is thirteen miles east of Cedar Rapids on the main line of the C. & N. W. Ry. Attention is called to the choice offering of Angus cattle by Wm. Cash and others at Holbrook, Iowa, on November 13th. Parties can attend both sales.

For Catalogs, address

MATT BAKER,
MT. VERNON, IA.

PLEASE MENTION HOMESTEAD WHEN WRITING

GREAT

Kansas City Auctions

AT

FINE STOCK SALE PAVILION-----STOCK YARDS.
60 High Class Herefords.

Will be offered on

Thursday, November 1

Consisting of twenty bulls and forty cows and helpers and representing the most celebrated prize-winning strains of the breed. Herd-leading bulls, show cattle of both sexes, and cows in calf to superior stock bulls are cataloged and much merit is maintained throughout. The cattle are owned by leading breeders and represent the best type of the modern up-to-date Hereford.

The list of consignors follows: R. T. Thornton, Kansas City, Mo.; J. W. Lenox, Independence, Mo.; T. P. Whittenburg, Pleasant Hill, Mo.; Geo. E. Ess, Clark, Mo.; G. B. Little, Olathe, Kan.; Ernest Cottingham, Clark, Mo.; D. B. Rogers, Brookfield, Mo.; Sheridan Henry, Ridgeway, Mo.; J. C. Andras, Jr., Manchester, Ill.

Superb Scotch & Scotch Topped Short-horns. 60

Will be Auctioned on

Friday, November 2

Including such herd-headers as the Clara bull Claret's Sovereign 245194; the Nonpareil bull Baron-dale 244736; the Missie bull Morning Flash 216722, and other good ones. Several imported Scotch cows are cataloged, a number of straight Scotch are included, and there are superior animals of both sexes among the Scotch-topped ones.

Consignors: T. B. Hart, Edin-burg, Ill.; I. W. Baughman, Edin-burg, Ill.; J. J. Littrell, Clark, Mo.; Rad Wirt, Clark, Mo.; Forest Fullington, Clark, Mo.; A. H. Robertson, Clark, Mo.; J. H. Cotting-ham, Clark, Mo.; J. F. Keith, Sturgeon, Mo.; W. L. Wright, Van-dalla, Mo.; F. M. Bransetter, Mt. Carmel, Mo.; A. F. Graves, King City, Mo.; E. H. Callihan, Brown-ing, Mo.; P. W. Hosher, Rosendale, Mo.; O. L. Kerr, Independence, Mo.; J. K. Alexander, Edinburg, Ill.

The Two Days Event is an Attractive One to all Interested in Beef Cattle Breeding. For Catalog of Either or Both Sales, Address

W. C. McCAVOCK, Sale Mgr.

 Cols. R. E. Edmonson, R. L. Harriman, D. B. Rogers, Auctioneers. **SPRINGFIELD, ILL.**

JOHN RASMESS

FIFTH ANNUAL SALE OF

SHORT-HORN CATTLE

46 HEAD
46 HEAD

At the Home Farm near town

Lake City, Ia., Thursday, Nov. 1, 1906
Imported, Straight Scotch & Scotch Topped Cattle.


HERE will be nine Scotch cows and heifers and five Scotch bulls in the sale of Miss Ramsden, Matchless, Victoria, Marchioness, Lavender, and other Scotch tribes. I am also selling two splendid imported cows, Imp. Dalmeny Princess 9th and Imp. Gladys of Dalmeny, both with good bull calves at foot by Red Knight, and rebred again to same bull. The rest will be well Scotch-topped, having five and six of the very best crosses. I am selling a very high class lot of bulls, among which are several sons of Fitz Eustace, a son of Lord Craibstone, Prince Missie and Earl Victor. Every female in the sale that is old enough will either have calf at foot or will be right at calving. Catalog now ready. Write for it, mentioning Iowa Homestead.

JOHN RASMESS,

Cols. F. M. Woods and Geo. P. Bellows Auctioneers.

LAKE CITY, IA.

2-Days Dispersion Sale

OF THE

Grass Hills and Foulz

HEREFORDS

AT GRASS HILLS STOCK FARM

Three and a half miles east of Bolckow, Mo., and
two and a half miles west of Cawood, Mo.

Tues. and Wed., October 30 and 31.

86 HEAD

Consisting of 45 head of
breeding cows with calves,
15 two-year-old heifers
bred; 15 head of yearlings,and two good herd bulls. Anxiety and Grove bulls
have been used to produce our stock. Our cattle are
in good thriving condition and will be put in the sale
without extra preparation, to sell on their merits as
breeding cattle, their individuality being sufficient to
warrant this statement.

Write either of us for catalogs, addressing,

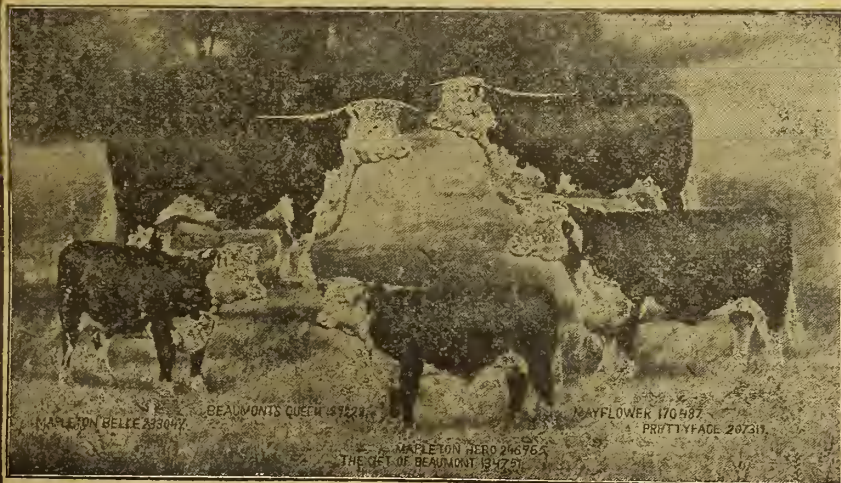
L. W. CRAIG, or JOHN FOULTZ,
BOLCKOW, MO. REA, MO.

COL. R. L. HARRIMAN and others, Auctioneers.

Steward Hutcheon HEREFORDS

AT AUCTION, WEDNESDAY, NOVEMBER 7, 1906.

At the Farm near Bolckow, Mo.



THE GET OF BEAUMONT 134751

50 HEAD 40 FEMALES, 10 BULLS 50 HEAD

Among the cows and heifers are several daughters and granddaughters of
Fowler Queen, the greatest show and breeding cow ever got by Van Natta &
Son's great breeding bull, Fowler. The females of the 1905 show herd are
included. Ten heifers are by Beaumont. Others by such sires as Beau
Brummel, Lamplighter and Paladin. Among the bulls is Parsifal, the second
prize junior yearling at the American Royal. A double Beau Brummel just
a year old. Seven sons of the famous Prime Lad. These are consigned by
W. S. Van Natta & Son, of Fowler, Ind.This sale is brought about to settle the estate of the late Jno. Steward and
the only things reserved are a few old cows and the herd bull, Beaumont.
These are reserved by Mr. Hutcheon as a nucleus for a herd. All trains
stop at Bolckow on the Burlington, and Gullford on the Great Western.

Send for catalog, mentioning The Homestead.

STEWART & HUTCHEON, BOLCKOW, MO.

"Black and All Black: the Angus 'Doddle' and No Surrender!"

ABERDEEN ANGUS AT AUCTION.

AT HEATHERTON FARM, NAPERVILLE, ILL., OCT. 31, 1906, 1 P. M.

57--HEAD Prime in All Respects HEAD--57
40 Females-----17 Bulls.Come and see if a fair selection has been made from the cattle in the
Heatherton herd. You will probably meet more Angus breeders than have
assembled at a sale in recent years. Thirteen cows with calves at foot, cows
in calf, heifers and young herd headers. An inspection of the Heatherton herd
in its twenty-fourth year and in its new home will interest breeders. Begin-
ners may buy with confidence that later knowledge will not cause them
to discard the blood lines chosen from this herd. The offering consists
of thirteen Blackbirds, twelve Prides, eight Jilts, six Trojan Ericas, six Rose-
buds, five Zaras, four Heather Blooms, etc.Naperville is twenty-eight miles west of Chicago on the main line Burling-
ton road and through trains and suburban service. Send for Heatherton Herd
History, second edition, and also sale catalog at once, mentioning this paper.

JOHN S. GOODWIN 184 LaSalle Street CHICAGO, ILL.

50 HEAD DUROC JERSEYS

..... FROM THE HERD OF HUMBERT & THOMAS, TO BE SOLD AT

CORNING, IOWA, SATURDAY, NOVEMBER 3, 1906.

25 BOARS A CHOICE LOT OF SPRING AND FALL 25 SOWS

And some brood sows with litter by our great herd boar, Gold Dust Jim 2d. The
boars are nearly all sired by TIP TOP NOTCHER GOLDDUST, a son of the \$5,000
sweepstakes World's Fair boar, Tip Top Notcher. A good Hoosier Banner sow goes
into the sale with a litter by Gold Dust Jim 2d. Catalog ready. Write for it. Ad-
dress,HUMBERT & THOMAS, - - - CORNING, IOWA.
PIPER BROS., AUCTIONEERS.

HORSES.

Wenona's Great Stud.

Prizes Won at the Great State Fair of Kansas, 1906.

PERCHERONS.

First and second, aged stallion.
First and second, 3-year-old stallion.
First and second, 2-year-old stallion.
First and second, 1-year-old stallion.
First, three-year-old stallion bred by
exhibitor.
Champion stallion any age.
First, best four animals any age
bred by exhibitor.
First, best five stallions any age.
Gold medals given by the Percheron
Society of America.
Champ. stallion any age, gold medal.
Champion American-bred stallion,
gold medal.
Best five stallions, gold medal.

BELGIANS.

First and second, aged stallion.
First and second, 3-year-old stallion.
First and second, 2-year-old stallion.

FRENCH COACH STALLIONS.

First, aged stallion.

HACKNEY STALLIONS.

First, aged stallion.

COACH HORSES.

First, aged stallion.

GRAND SWEEPSTAKES.

First, stallion any age, draft, medal.
First, stallion any age, road.
First, group consisting of five stal-
lions.

ROBT. BURGESS & SON,

WENONA, ILLINOIS.

WICHITA, KANSAS.

W. A. LANG & CO., - - GREELEY, DELAWARE COUNTY, IOWA.
IMPORTERS AND DEALERS IN
CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH
AND STANDARD BRED STALLIONS.We have always on hand a good selection of the above named breeds. We
give the most liberal guarantee of any firm doing business. Our horses
are all of the best in their class. Colors, all bays, blacks and dark grays. No old,
worn out pickups. We make a specialty of organizing farm companies and
know how to do it and give satisfaction. We can't sell you cheap ones for the
reason that we don't handle them. Greeley is the great stallion center of Iowa
where you can see more top horses than any other place in America. Write

PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Per-
cheron stallions this year. 80 HEAD STALLIONS and MARES now
on hand. We can sell you a good horse for less money because we are im-
munes of France and buy our own horses without the aid of an interpreter.
Write or come and see our horses. Be sure to see ONE Percheron before
buying. Telephone service. L. H. Humbert & Son, Corning, Ia.

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of
young stallions at living prices.H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares
one to seven years old; several match teams of
mares. All stock registered in Percheron Society of
America record. New importation arrived Oct. 10.
Maasdam & Wheeler, Fairfield, IowaFOR sale, 26 draft stallions, recorded Black Perch-
erons and Shires. Best you ever saw; must be sold
soon. Address, Bilbo & Van Patten, Creston, IowaIMPORTED Shire, Belgian and Percheron stal-
lions, \$1,000. Home bred draft stallions, \$250 to
\$800. Hart Bros., Osceola, Iowa.

Greeley Horse Import- ing Co.

Percherons, Belgians, Shires, Clydes, French
and German Coach, Hackney and
Trotting Stallions.HAVE received 250 head since September, 1905.
100 head arrived in June. Bring cash or
bankable note and buy horses at dealers' prices.
Send six cents in stamps and we will mail you a
beautiful six-colored, 19x24 picture of our premises,
showing over 200 stallions in the yards.A. B. HOLBERT,
GREELEY, IOWA.SHIRES, PERCHERONS, BELGIANS—Im-
ported horses, \$1,000; home-bred stallions, \$250 to
\$750; also Shire mares. A. LATIMER WILSON,
successor to L. Banks Wilson, CRESTON, IOWA.

BERKSHIRE HOGS.

Heavy Weight
Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire boar, with an extra back, wide spring of ribs and very short, broad dish face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

BERKSHIRES

LARGE growthy hogs, big bone and best of breeding. Prices low. Address

C. T. AYRES, Osceola, Clark Co., Iowa.

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Cull or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evert, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schroterberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schroterberger, New Lenox, Ill., or Gardner, Ill.

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Got by Imp. Mutlner 172547

A CHOICE lot of young bulls for sale, of the Secret, Victoria, Brawith Bud, Duchess of Gloster, Lancaster and Imp. Laura tribes. Imp. Mutlner was got by Bapton Chief and out of Missie 167th, dam of White Hall Marshall. If you are looking for herd headers write me or come and see them.

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I WILL sell my herd bull, Nonpareil Contier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

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Polled Durham Short-Horns

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WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1906. Address, Thomas H. Canfield, Lake Park, Minn.

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HAMPSHIRE
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POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by On Exhibition a grand son of G's Perfection and Terrell's Wilkes 2d and out of mated sows. These pigs have good heavy bone, good length and are very growthy fellows with lots of quality and will be priced worth the money. Write at once. Address

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LONG, heavy-boned fall boars by Tec. Keep On 8 by Big Tec. by Blinn's Tec. and Indiana King. They weigh from 280 to 380 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dorri's Tec. and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. Henry Dorri, Remsen, Plymouth county Iowa.

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ESCHER'S BIG POLAND CHINAS.

I AM now ready to price the best lot of fall and spring boars I have ever raised, sired by my 1,000 lb. boar Gay Monarch.

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OAKLAND, NEBRASKA. BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blinn's Tec., is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Do Do, and Blain's Tec. Everything guaranteed a breeder. Robt. J. Peckham, Pawnee City, Neb.

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OUT of mature parents; best breeding; good bone \$20 and \$25. Two year herd boar \$40. Short-horn and Polled Durham. Cows, heifers and bulls at low prices. Special price on our lot, 2 miles N. E. of city P. S. & S. Harr, Box 11, R. 4, Davenport, Ia.

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PAPILLION HERD POLAND CHINAS. We offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 28439. Write for price and catalog. Wm. The & Sons, R. 1, South Omaha, Neb.

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POLAND CHINA HOGS.

...ONLY A FEW LEFT....
But They're Good Ones.

OUR boars have been selling like hot cakes; only have 20 boars and 10 spring pigs left. Some of these by the double sweepstakes boar Matchless Jr. 75 fall and spring gilts will be bred and ready to ship Nov. 1st. These by Matchless Per., Matchless Jr., B's Chief Tecumseh 2d and Correct 1 know.

HENRY BROS., - LE MARS, IOWA.



MATCHLESS PERFECTION.

14 BIG STRONG, GROWTHY
March Poland China Boars
FOR SALE.

Twelve of them are by Gay Perfection 2d, one by Sacilm and one by Independence. These boars are of the most aristocratic Poland China blood known to the breed. Will sell them at \$25 each while they last. Also have one show boar that won sweepstakes at the local fairs in central Iowa at \$35. This boar is out of dam that cost me \$107.50. For further particulars regarding these high-class Poland China boars, address the owner, Joe Steward, Ames, Iowa. Also two yearling Scotch bulls, one by Revenue, the other by Golden Diamond.

15 Poland China
SPRING BOARS. 15

The Pick of This Year's Raising.

AND one splendid fall boar, sired by Empire Chief 2d 90645. Empire Thickset 102647, and Acrobat 71003. No culls shipped and pigs as represented. Prices reasonable. Address,

ROY ROCKWELL, - PAULLINA, IOWA.



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WELLMAN HERD OF RECORDED POLAND CHINA
SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 98855. Pigs to head herds a specialty. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170782. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 9999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE, IOWA.

DAWSON'S BIG OF THE BIG POLANDS.

OUR hogs won most of the ribbons at Hutchinson, Kan., St. Joe, Mo., and their share at Nebraska. The Poland with size and quality combined. We have sons of the great Expansion. His get have won or sired as many winners as any hog living today. We also own the champion yearling, sired by King Look. If you want good hogs, address us, and mention The Homestead.

H. C. DAWSON & SONS, ENDICOTT, NEBRASKA

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unpaired. Write for breeding, description and prices.

BRIDGEFORD & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.

I HAVE carefully selected 25 choice Poland China boars out of 50 head, sired by Midwood Perfection 108047 and Perfect Keep On 2d, and out of mated dams. They are deep bodied, lengthy, good boned, well-finished pigs. I also have a few yearling Angus bulls, out of mated dams, that will be priced right. F. T. Wells, Bristow, Iowa.

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140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

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WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Hamilton's Royally Bred Polands.

MY last sale averaged over \$50. My type is the hog-men's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.

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Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall. Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address,

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10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Molineville, Illinois.

POLAND Chinas—Male and female—spring farrow—herd boars—All Duce 26315—Wonder Chief 103475—No better pigs in county—Write for prices and information. S. P. Hartman, Ottumwa, Iowa.

When writing please mention this paper.

POLAND CHINA HOGS.

POLAND CHINA
BOARS

THE Iowa State College offers for sale three extra good yearling Poland China boars. Also a number of early spring pigs of the various breeds now old enough for shipment. Address,

DIVISION OF AGRICULTURE,
IOWA STATE COLLEGE, AMES, IOWA

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by R's Keep On 92219, half brother to Prince Alert and Impudence, sweepstakes boars Iowa State Fair '04 and '05, and Iowa Chief by Ed Klever's Thickset. The best Thickset boar in the west. These pigs are from mature dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn Bulls, 12 to 14 months old, cheap. Bred Sow Sale, Feb. 12, '07.

RUEBEL BROS., ROCKWELL CITY, IA.

CHOICE
POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Haumer 192071 for sale.

W. G. Griffith, McNabb, Ill.

Pioneer Herd Poland
China Swine.

W. Z. Swallow, Booneville, Ia., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

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If you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.

JOHN R. TRIGGS, DAWSON, NEB.

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low.

E. O. WOLCOTT, GILMORE CITY, IA.

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FALL males weigh 250 to 300, early spring pigs weigh 130 to 150, they are in good breeding condition and healthy. They are bred right and priced right. Farm sold. Write us. Will please our trade. C. C. Drake & Son, Terra Haute, Ill.

100 CHOICE POLAND CHINA BOARS.

SURED by Big Tom 2d, my 1,000 pound boar; Wisner Chief, Perfection-Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. FRITCHARD, - WISNER, NEB.

DUROC JERSEY HOGS.

EDGEWOOD HERD DUROCS. FOR sale, 75 good spring pigs, by Arlon, Jun for Jim, Walter G. and others, out of sows by Golden Perfection, Alix Advance, carrying the blood of Proud Advance, Ben Hur H. and others. Edgewood Chief, an Orion hog by Arlon, heads herd. What do you want? Write R. C. Poston, Corydon, Iowa.

FOR SALE. I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

MINNESOTA'S Sweepstakes Duroc Jerseys. I WON 1st and sweepstakes on boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimson Wonder I Am blood. Good boars for sale.

Wm. Malcolm, Bigelow, Minn.

Prairieview Herd of Duroc Jerseys. SPRING pigs either sex by Proud Advance, Top Notcher Agaiu, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell bred Duroc gilts for one-half last winter's public sale prices. Write for what you want. Mention Homestead. W. J. Prather, Inness, Iowa.

AVERYDALE HERDS AND FLOCKS

SHORT-HORNS, DUROCS, SHROPSHIRE. BULLS, boars and bucks for sale. Good ones and priced right. Our Marf Missile herd bull Meteor 174278 for sale or exchange.

A. H. Avery & Sons, Mason City, Iowa

PLATTE View Herd of Duroc Hogs. We have 20 good spring boars for sale, sired by Gold Dust Prince 106648, he by Gold Dust Jim 15188 and by the Auditor 34697, he by Orion 2393. We also have one Gold Dust Jim sow. We will price these boars right as we must sell them. A. B. Easter & Sons, Fremont, Neb.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address

W. J. S. Taylor, Minnetonka, Iowa.

SETTING SUN herd of Duroc Jerseys, 20 head of Feb. and March boars at prices that will sell them. Address, I. C. Welch, Bedford, Iowa.

CHOICE Duroc Jersey pigs on approval at \$12.50 and \$15. Eligible to register. Pairs not akin. Address, J. C. Jay, Mount Pleasant, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow, extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

When writing to advertisers please mention this paper.

POLAND CHINA
BOARS

AT Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. Davenport, - Belmond, Iowa

L'S SUNSHINE AND ONWARD.

A FEW choice Poland China gilts for sale, sired by the great boars of the Northwest and out of dams that are as good as grow. Write describing what you want to A. C. Lanham, Hattie Creek, Iowa.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

45 ROYALLY BRED POLAND CHINA BOARS.

SURED by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Medler. These are Al boars.

J. C. Hoag, - Manson Ia.

HAMAKER'S large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs not akin. If you want size and finish with the blood lines, I have it. The farmer's cry is for size. Sows represent the blood of part of best families. Pigs now ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

POLAND CHINA BOARS (BLACK).

Q FALL boars, 2 yearling boars, 50 spring boars, O sired by Klever's Gay Lad.

J. W. Knowles & Son, - Craig, Neb.

When writing please mention this paper.

DUROC JERSEY HOGS.

Walker's Durocs.

12 HEAD of March Boars. Now ready for sale. Tops of 79 spring boar pigs. They are sired by our Chief by Ohio Chief; Highland Chief by High Chief by Ohio Chief; Pilot Wonder 42707, a grand son of Pilot Wonder 3017; Illinois Chief by Sensation Chief by Sensation. No better blood lines in any herd. Pigs equally as good as breeding. Write for prices.

O. WALKER & SON, PALESTINE, ILL.

A Few Choice Duroc Males For Sale. All gilts are reserved for my February sale, but I have a few choice males that I will price reasonable. One by Keep On 2d; another by Manley Orion. Also one extra good fall yearling boar. Every hog guaranteed to be as represented. Write for prices. W. J. HARTUNG, MAXWELL, IOWA.

PIONEER HERD DUROCS.

WE have several good hogs sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address, Norris & Livingston, Kingsley, Ia.

NOTHING FOR SALE UNTIL OCT. 26,

WHEN I will sell 40 head sired by Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am and other noted sires. Send for catalog. H. B. GRIFFITHS, BOWEN, ILLINOIS.

State Road Herd Duroc Jerseys

FEW choice boars of March farrow for sale. The grower, prolific kind, weighing from 150 to 175 pounds. R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, Duke of Ohio 29523, George Hnr 40851 and Alfonso 40849. Write for prices. Address, M. M. ELMENDORF, LACONA, IOWA.

ALFALFA MEADOW HERD OF DUROCS.

I HAVE some fine full gilts by Van's Perfection, 11571; some tried sows bred to Royal Prince 41911; that raised good litters last spring, and a few fall boars by Van's Perfection and Jumbo Chief 19859, for sale. F. ALDRITT, FRIEND, NEBRASKA.

40 Duroc Jersey Boars 40

SURED by I Am Pottawatamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right. Edmonds Shade & Co., Kingsley, Ia.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quincy, Iowa.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings Billy K. Jr., and Frank's Choice by Belle's Echo Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA. THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

GRAND VIEW DUROC JERSEYS. BOARS by Crimson Wonder Jr. 41103 and Chief I Am. Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains. F. M. HUFF, R. 2, AFTON, IOWA.

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

50 CHOICE Duroc Jerseys for sale at reasonable prices. My herd contains the blood of some of the most noted boars of the breed. Write your wants. J. S. Stonebraker, Walnut, Ill.

Boars! Boars! Boars! Duroc Jerseys, \$25. Address, Roycroft Stock Farms, Des Moines, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of now Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC JERSEY HOGS.

FORTY SPRING BOARS

sired by ORION CHIEF and KRUGER and out of dams by KAN'T BE BEAT, ORION CHIEF, CHIEF SURPRISE, COL. FINCH and other noted sires.

\$50 Buys boar related to Iowa and Illinois State Fair winner bred as above \$50

If you want an extra good spring boar, write
IRA JACKSON, TIPPECANOE CITY, OHIO.
Mention Homestead when writing.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientsin 17261. Imp. Wonder 43561, A. L. Advance 43331, Odebolt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 11-3, RADCLIFFE, IA.

CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address, U. G. DAVIDSON, MANSON, IOWA.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address, C. T. ROGERS, PETERSBURG, ILL.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sons of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains. Address, T. A. McMAHON, - - CRAIG, NEBRASKA

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill.

I, Ill., who will have boars for sale after Sept. 11. Boars are sired by Double Track 42517, Sensation 7383, Big King 11037, Fashion Boy 33029, Advance Col. 42011, Rigan 37255 and Red Express 35519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come. WATT & FOUST, - CEDARVILLE and XENIA, OHIO

Special Prices on Duroc Jersey Boars for Next 30 Days

18 Choice spring boars, sired by Lents Red 16903, Addy's Top Notcher, and Gold Bud 13791 for sale. I am making special prices for next 30 days in order to close out my herd. Having sold my farm. These pigs must be sold. Write me at once. Address, J. F. LENTZ, - - EARLIHAM, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once. A. W. LAMB, - - MONROE, NEB.

WANETA DUROCS.

35 Choice Boars now for sale, both fall yearlings and spring boars. The "tops" at moderate prices. B. A. SHAFER, - - SANBORN, IOWA.

DUROC JERSEY

SPRING boars and gilts for sale sired by Red Prince 5815, B. S. Hero 21827, Orion Lad 23573. All stock guaranteed as represented. W. L. BONNETT, - - Birmingham, Iowa.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address, W. A. RANKIN, CARSON, IA.

Greene County Herd Duroc Jerseys. OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once. F. A. STRONG, ORIENT, IA.

DUROC JERSEY BOARS, sired by Bar None

35 30241, Bar None 2d, Grant Hero, and Critic's Echo, out of Gold Dust Jim, Surprise and Glendale Chief sows. I only ship the best. Carl Hansen, Herman, Neb.

CHOICE DUROC JERSEY Spring pigs of March

either sex. Good weight, bone and color. Frank Warvey, Mt. Pleasant, Iowa.

DUROC JERSEY HOGS.

Reduction Prices On Best Breeding.

350 Durocs, 150 Shropshires, 100 Short-horns and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind

J. J. LORTON, Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. J. J. Lorton, R. R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address, ALBERT HELL, LAKE CITY, IOWA.

ELM LAWN DUROCS.

MY pigs are ready to ship, and are the get of Elm Lawn Top Notcher and Elm Lawn Orion. The dams are equally well bred. If you want good, useful Durocs write me. Chas. Sobotta, - - Calneville, Mo.

DUROC JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Wall Lake, Iowa.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Major Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHEL & SON, - - M. CON, ILL.

SAY BOYS

If you are going to have a brood sow sale send for J. A. Russell's October 27 sale catalog, sixty-eight head. He sells 10 Proud Advance gilts at Corning, Iowa, October 27 1906.

J. A. Russell, Corning, Ia.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars. Road Bros., (Swine Specialists), Luke Park, Ia.

Clover Leaf Herd of Duroc Jerseys.

HERD headed by Pine 37903, winner of 2d in class at Minnesota state fair, 1905; he by Granger 25657. Also have pigs sired by a son of Improver 2d and by King Prince. 75 head for sale. Prices right and quality second to none. Clyde H. Smith, Riceville, Mitchell county, Iowa.

200 CHOICE DUROC JERSEY PIGS.

SURED by Wonder C. 32393 (half brother to Crimson Wonder), Lott's Top Notcher, Wendt M and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right. W. J. WENDT, MARCUS, IOWA.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others. CHAS. VAN PATTEN, SUTTON, NEB.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts. F. M. ERSCHEN, Odell, Illinois.

35 DUROC JERSEY BOARS

SURED by my \$300 boar Glendale Jim 33291. S 2d prize boar at the Iowa State Fair. Prices reasonable. J. S. GOLDBER, SCRIBNER, NEB.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money. F. A. HAM, SARONVILLE, NEB.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

ASA TURNER'S DUROC JERSEYS.

I AM offering fifteen or twenty extra good young boars by King Perfection and Advancer Lad. They are out of some of G. A. Munson's prize-winning sows. Address, ASA TURNER, FARRAR, IOWA.

FANCY DUROC JERSEY SWINE OF BOTH SEXES FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker and other leading strains. C. W. WOLF, HAMPTON, IOWA.

I HAVE THE TOPPIEST OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

CHOICE BOAR PIGS. Prize winning

strains. Bloodlines, Improver II, Advance, Tip Top Notcher, Model Chief, etc. Prices low. Strong guarantee. Write, describing what you want or come and see. Geo. H. Purdy, Mason City, Iowa.

KEAN'S Growthy Durocs—All ages, the best of

breeding, extra large bone. Also one yearling and aged male. Frank Kean, Mt. Pleasant, Iowa

DUROC JERSEY HOGS.

ROYAL RUBY
HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Oceola Chief, a very large heavy bodied hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.
GUS A. PEDERSON, OCHYEDAN, IOWA.

MAPLE AND LAWNSDALE
DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2 year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

SHELDON BROS.,
A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 2349, the greatest sire of show quality of the Duroc breed. Look for the Proud Advances herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.GOLDEN
HERD
DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

IOWA HERD OF DUROC JERSEYS.
(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Percy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 28163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE
HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also, Tip Top Notcher again, champion at Ind. and Ill. in '03; also sire of Junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

HANLEY 42345.
HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On III 37331, Gem's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12345a, Choice Goods 22881, J. I. C. 38338, Buddy K. IV 20881, Indiana 20753, Manley Orion 30925, Candice Boy 18919, The Great Conqueror 32581, Queen's Pride 40793, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11889, J. B. J. Big I Am 29895. We have some of the choicest females of the breed; also a few choice full gilts at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices.
HICNEL BROTHERS, BOWEN, ILL.

WOODLAND HERD OF DUROC
JERSEYS.

Herd Handed by Manley Orion 3709.
2d prize boar in 18 months class Iowa Fair, 1905.
2d Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tientzen, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1905.

S. P. Freed, Ames, Iowa.

40 HEAD
FALL & SPRING
DUROC JERSEY
BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices (Clark & Tryon, Wausau, Neb.)

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezelok (1st prize boar Nebraska Fair, 3d prize winner St. Louis), others represented, Higgin's Model, Jumbo Perf, Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.
W. J. East & Son, Clay Center, Neb.

MINNESOTA'S PRIZE WINNING Duroc Jerseys
I WON eight 1st and eight 2d prizes and all this sweepstakes at the Minnesota state fair in 1905. The leading strains in herd: Orion, Top Notcher, Proud Advance, Tolstoy and Crimson Wonder. 100 pigs. Good ones. Write me your wants. Prices reasonable.
Wm. Malcolm, Bigelow, Minn.

MAY & PORTER,
REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37895 head herd. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

PEEK & PUTMAN'S DUROCS,
TECUMSEH, NEBRASKA.

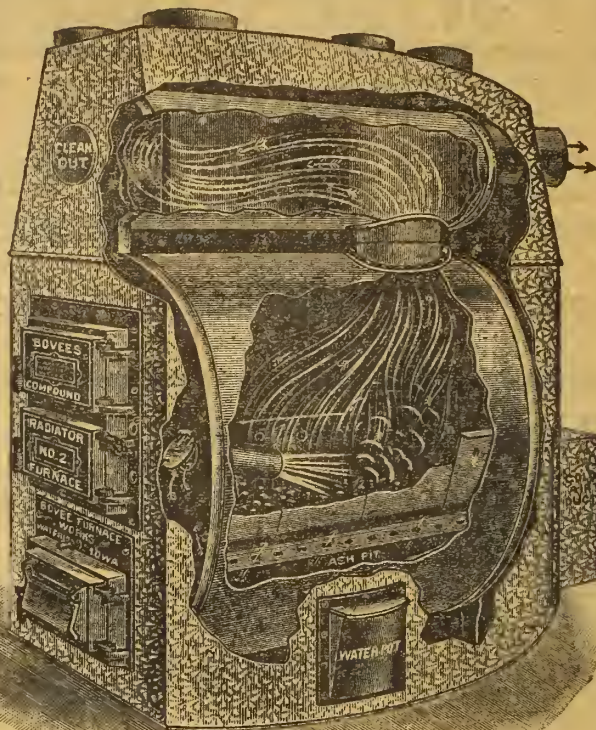
OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

CRIMSON WONDER fall boars. A few very strong full boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd leaders. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

CHOICELY-BRED Duroc Jersey pigs, sired by Bill H. 55813. The long, deep-bodied, growthy kind. Write me. K. W. Richardson, Ogden, Iowa.

Bovee's Hot Blast Ventilating Furnaces

BOTH UPRIGHT AND HORIZONTAL



Cheaper
Than
Stoves.

Saves
40 per
cent of
the Fuel.

Twelve
years
on the
market.

Many
thousands
in use.

When you buy this furnace you are absolutely sure of the very best heating plant made. In the last twelve years we have installed thousands of furnaces with perfect success and have the best heating engineers to help you plan your heating plant free of charge.

We can't all go to Florida or California, but every one can have just as good temperature and just as pure air right in their own homes by using the Bovee Ventilating Furnaces and have the very cheapest and most perfect way of heating.

Send rough floor plan of building for full information and free catalog. We now furnish our ventilating system with our Waterloo Furnace, also complete with casing or for brick set for \$43.00.

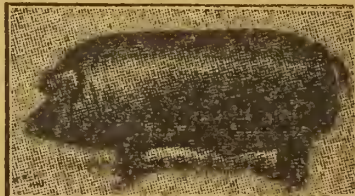
BOVEE GRINDER & FURNACE WORKS

WATERLOO, IOWA

DUROC JERSEY HOGS.

40 DUROC-JERSEY BOARS 40

SIRED BY
JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair.
LONG ALIX, 1st prize yearling boar at the Nebraska State Fair.
GLENDALE CRITIC, 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair.
Pigs by other well-known boars. If you want a herd-leader, write me.
AUSTIN RENSIAW, BLAIR, NEB.



TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN

LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo by Echo King and out of this great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY,

OSCEOLA, NEB.

CLOVER-WAVE DUROC JERSEYS.

SIRE in service, Red Orion 23793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandellon 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paullina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.
STOW & GINGRICH.

HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address

GRANT WHITE,

AFTON, IOWA.

CLAREMONT.

HOME of S. E.'s Model IX 30996a, 114526n. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Bred Sow Sale January 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WEIGHTON, AUDUBON, IOWA.

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Rebo.
W. A. STAPLES & SONS, } Sow sale February 25. } Inspection invited. 125 pigs. Write us.
GLIDDEN, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

Wineland Duroc Jersey
Spring Pig Offering.

FOR 90 days I will make very low prices on choice Duroc spring pigs sired by such boars as Auction Boy 3d, Queen's Kan't Be Bent by the great Kan't Be Bent, Improver Lad by Improver 2d and Long Wonder by the great Crimson Wonder. The pigs carry good strong line of blood and are equally as good individually. About 120 to select from. Write me today.

H. C. YOUNG,

LINCOLN, NEB.

Thos. Bennett,
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

Fall Sale Oct. 31, 1906.

Spring Sale Feb. 6, 1907.

HOME OF

THE Lad for Me 10733A and his daughter, Helen Blazes 64502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three and a half miles from depot. Fagan, Brownling, Hess & McCabe, Hersman, Ill. Sale Average \$116.48.

HIGHEST DUROC AUCTION
AVERAGE.

HOME of Kan't Be Bent, this \$2,500 boar, 57 firsts and sweepstakes prizes out of 58 showings, the undisputed king of sires of prize winners. Long line of sweepstakes, prize winning and producing dams, 125 spring and fall gilts and boars, sired by Ohio Chief, Pericles, Red Knight, Morrison's Bell Top, Junior Jim and Crimson Wonder.

JOHN M. MORRISON & SONS,
COLLEGE VIEW, NEBRASKA.

Pawnee Herd Durocs

I WILL have a number of extra good pigs at the Illinois State Fair next week by Buddy K. IV, first and sweepstakes boar Illinois State Fair, 1905. Several of these are cataloged for my October 30th sale. An opportunity to see the kind and breed.

ED A. BAXTER, PAWNEE, ILL.

MINNESOTA'S HERD OF DUROCS

FOR SALE—One yearling sow bred to farrow Aug. 30. I also have some fine yearling and spring boars—herd headers among them. Let me hear from you. Harmon Gruver, Brewster, Minn.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember one guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

Sutter's

GROWTHY DUROCS fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

ATHELRED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," J. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address, J. E. WEHR, PORTSMOUTH, IOWA.

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the fall trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top and others.
HENRY G. WARREN, INLAND, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.
JAMES T. DOLLISON, SACS CITY, IOWA.

112 CHOICE DUROC JERSEYS 112.

SIRED by Duroc Challenger's Wonder S 34637, Crimson's Critic 40921 and Chime's Advance 32791, a son of the great Proud Advance. We have a choice lot of pigs. Write us. M. S. Moats & Son, Randolph, Neb.

I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, Ia.

FAIRVIEW HERDS. Will sell my herd of Duroc cattle, Duroc swine. No swine for sale now. Fall Sale Oct. 30, 1906; spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.



VOL. LI. NO. 44.

DES MOINES, IOWA, NOVEMBER 1, 1906.

WHOLE NO. 2572

RATIONS FOR BEEF COWS.

The breeding of beef cattle on high-priced land presupposes the economical maintenance of cows from which such stock is bred. In order to ascertain the cost of keeping beef cows, the Illinois Experiment Station has just issued an account of the results secured in feeding cows three different rations, the components of which are generally grown on every corn-belt farm.

Thirty grade Angus cows, similar in all respects, were divided into three lots of ten each. The following feeds were used and valued per ton as given: Corn silage, \$3.34; shock corn, \$5.59; corn stover, \$2.25; shredded stover, \$2.25; clover hay, \$3.00, and oat straw, \$1.50. The average feed eaten daily per cow for the whole time, included in the 140 days following December 25th, is viz.: Lot 1, silage, 16.65 pounds; clover hay, 3.5; oat straw, 9.56. Lot 2, shock corn, 8.7 pounds; clover hay, 3.5; oat straw, 10.83; Lot 3, corn stover; first forty-two days, 21.67 pounds; shredded stover, last ninety-eight days, 10.29; clover hay, 1.56; oat straw, 8.19.

The middle of December probably marks an average time when the corn stalks are well cleaned out. By the end of the 140 days it is expected to again resort to the meadows for feed. With unfavorable conditions, especially in the northern states, the feeding period would be longer. The oat straw in these experiments was freely given and the average amount eaten represents what the cows actually consumed. The extra amount eaten by Lot 2 is supposed to have practically taken the place of the wasted fodder, which item of loss did not appear in the silage-fed lot. Lot 3 did not receive any clover hay until the first part of March when their unthriftiness called for a change, which seemed to indicate that stover and straw did not make a satisfactory ration.

The results of the three rations are brought out in the condition of the animals and their gains. The silage-fed cows made 150 pounds gain, the shock corn-fed, 106, and the stover-fed, 57 pounds. It is stated that the first two lots were as sleek and glossy as could be desired, while a casual observer could see that the third lot was sluggish and "out of condition." The average cost of keeping a cow one month on silage, clover hay and straw was \$1.47; on shocked fodder, clover hay and oat straw, \$1.39, and on shredded stover, oat straw and a small amount of red clover, ninety-three cents. With corn at thirty-five cents per bushel, it costs thirty-seven cents more to keep a cow on silage for the 140 days than on shock corn, with the same supplements used in both cases but since the silage-fed cows gained forty-four pounds more it emphasizes the value of silage for this purpose.

The feed of each cow will be seen to be rather high in the average daily amount consumed for the period, but this is due to the fact that soon after the cows had calved it was found necessary to increase their rations until they were eating approximately twice the amount necessary to maintain the same cows while dry. The offspring was found to be more thrifty and vigorous from the silage-fed cows than from the others, though not so appreciably better than those from the shock corn-fed lot.

In order to make a further comparison of the three rations, the author calculates the number of acres required to winter cows by this method. It will be noted that the oat straw and stover-fed yielded also a certain amount of grain;

hence these two feeds are placed on a money basis and considered as the part of an acre which their value constitutes. Thus we find that a cow fed silage, clover hay and oat straw can be wintered on one-third of an acre; on shocked fodder, clover hay and oat straw on a trifle more; and on stover, oat straw and a small amount of clover hay, on one-fifth of an acre. No account of labor or the value of the fertilizer produced was taken. Dry, protected quarters were supplied and conditions were made as favorable as possible for the welfare of each lot.

From the facts above given we might conclude that a beef cow can be wintered in good condition on shock corn, clover hay and oat straw for about \$7, and knowing the cost of her summer keep, which will vary in different localities, one can make a fair estimate of the cost of raising calves for the feed-lot.

WHAT CONSTITUTES A GOOD CORN CROP.

There are few men in the central West who have not been aroused to do better work in the selection of their corn on account of the general agitation of this subject which has largely emanated in recent years from the experiment stations. In every locality may

be found individuals who are growing the so-called "pure bred" corns. In most cases these corns are yielding more than the ordinary varieties and those who have found this to be true are generally trying to instill into the other fellow the advantage of the new kind over the old.

There are a number of varieties of corn that differ slightly in the details of their outward characteristics and yet are much the same in general type. A table given in a recent Kansas bulletin proves this to be true. Of thirteen varieties mentioned, ten have a standard length of from ten to ten and one-half or eleven inches. The circumference of the same ten varieties is from seven to seven and three-fourths inches. They are all tapering, or slightly tapering and the percentage of grain in each varies only from 84 to 88.

These varieties are so similar in character, therefore, that there must necessarily be but small difference in the yield per acre when they are grown under conditions to which they are properly acclimated.

We would advise no man to undertake to improve a scrub variety, it being much better to obtain from some source, something that is more or less

fixed in type. However, where considerable improvement has been made by judicious selection from year to year, it is generally inadvisable to make a change. If, for example, the best ears in one's corn are around ten inches in length and are fairly cylindrical, and if the circumference runs from seven to seven and three-fourths inches and the kernels are of fair length and if one's fields show but few barren stocks and the yield is satisfactory, we would say that this is the "type" that should be grown. It matters very little whether it has a high-sounding name or not, or whether it is one of the recognized standard varieties. The thing to be aimed at is the yield of the sound corn per acre and the kind that will give the yield, is the kind that should be grown, regardless of what is said by experiment stations, corn judging schools, farmers' institutes, or any other organization.

In fixing one's type by selection from year to year, we strongly believe in keeping in mind what might be called the beauty point. Straight rows not only look well, but this means uniform kernels. A cylindrical ear is not only the right kind from a theoretical standpoint, but also from a practical, because on such an ear there are more kernels of uniform length than on one that is tapering. If the butt and tip are well covered and yet the length kept up in one's selection this means just a little more corn, and it is the corn that we are after. In the matter of color, one cannot be too particular because this is the best indication that corn is being kept pure.

RATIONS FOR WORK HORSES.

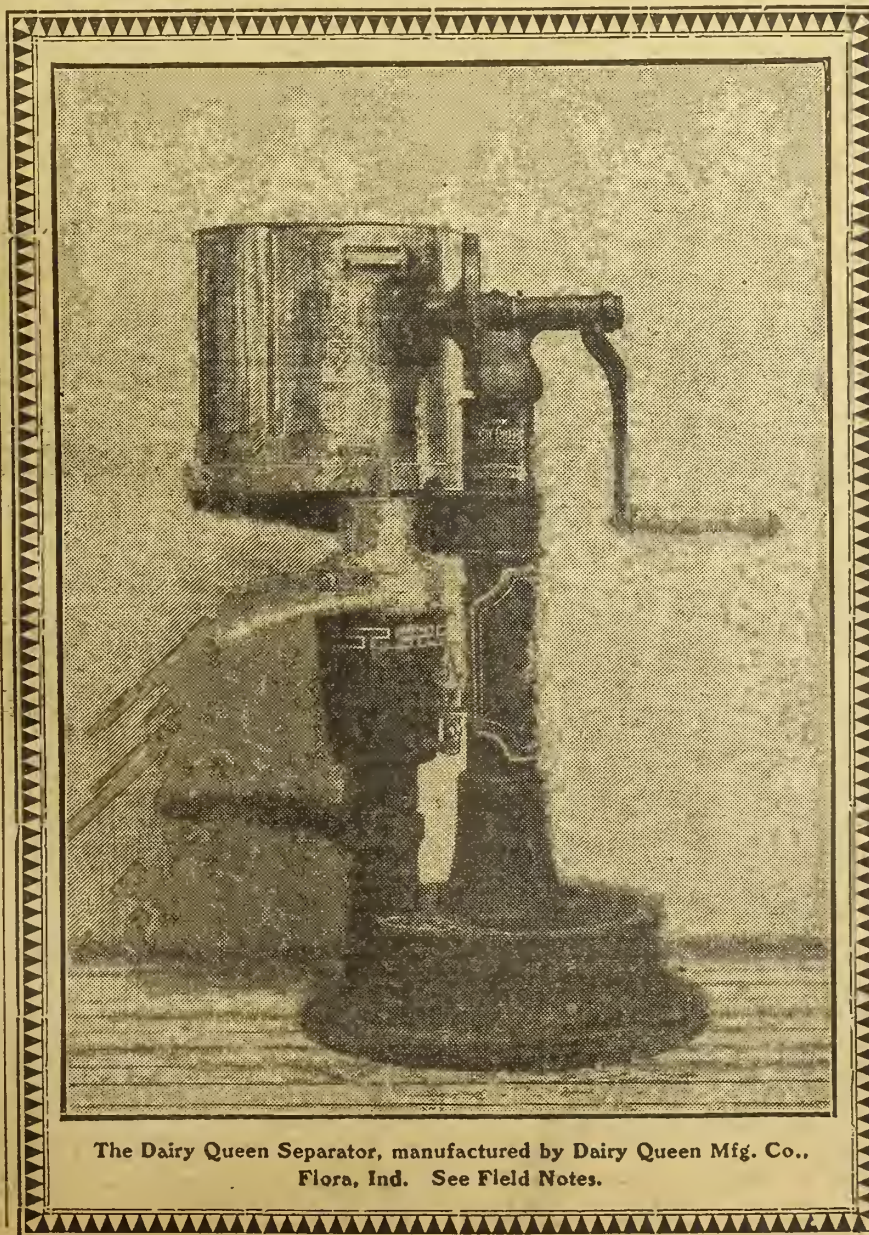
One of our subscribers, Mr. J. C. Williams, Ashland county, Wis., asks for information on the question of feeding work horses, as follows:

Please let me know the amount of feed to be given a team of 2,600-pound draft horses at moderately hard work on the streets and the farm. Whole oats and good timothy are fed, but the teamster seems inclined to overfeed with hay.

Regarding the grain part of the ration we would say that oats is about an ideal food, but a ration that is generally considered more economical and perhaps one that will keep the team in better flesh and as cheerful spirits is composed of shelled corn fifty pounds, oats fifty pounds and wheat bran twenty-five pounds. From a pound to a pound and half of this mixture for every one hundred pounds of weight will keep a work horse in good condition.

On the amount of hay a horse should be allowed, horsemen differ, but a general rule is to feed from one to two pounds per hundred weight of horse, depending on the amount of work the animal is doing. Fully one-half of this amount is fed after the day's work. The appetite of a horse is usually in excess of his powers of assimilation, so that it is not difficult to overfeed him with good timothy, a thing that he dearly loves. If our correspondent's horses are dull and lacking spirit and have rough, hard-looking coats, it is not unlikely that the hay feeding is being overdone.

If other details in the care of the team are being properly looked after, each horse should do well on about fifteen pounds of grain fed in three equal parts daily and about an equal amount of hay, both amounts reduced whenever the team is not working for several days, as there is danger of azoturia, a poisoning of the system from overfeeding an idle horse.



The Dairy Queen Separator, manufactured by Dairy Queen Mfg. Co.,
Flora, Ind. See Field Notes.

INVESTIGATING THE BUSINESS OF GRAIN DEALERS.

Before congress adjourned its last session the senate ordered the Interstate Commerce Commission to investigate the grain business with a view of finding out whether or not methods now in vogue tended to restrain trade. In accordance with this ruling Messrs. Clark and Lane, of the commission, held sessions in Kansas City, Omaha and Des Moines last week.

Mr. E. W. Shields, active manager of the Simonds-Shields Grain Company, of Kansas City, and also the elevator agent of the Chicago, Milwaukee & St. Paul Railway, testified before the commission that during the time when the special export rate on corn was established he was able to purchase at least 1,000,000 bushels of corn before other dealers learned that the reduced rate would be made. In another instance when a cut in rates was made for the purpose of equalizing rates to Atlantic and Gulf points Mr. Shields sold 700,000 bushels for delivery under the new rate. When the special rate for corn was in effect he sent out 100 cars of corn a day.

Mr. George K. Walton, of the Logan Grain Company, testified that on September 28th he ordered five cars of grain hauled to the Milwaukee elevator with instructions to Simonds-Shields Grain Company to unload, reload and get the grain out as rapidly as possible. This grain was not shipped until October 8th, though during the time he was urging action there were 212 cars loaded out by the Milwaukee elevator. He said that all orders to handle grain by the elevator must go through the Simonds-Shields Grain Company. The records of the Simonds-Shields Grain Company and the Milwaukee elevator showed that there were no charges for handling, cleaning and clipping grain during September, though the tariff provided that there should be.

In Des Moines the commission gave a hearing to Third Vice-president Hiland, of the Milwaukee road, touching on their relation to the Simonds-Shields Company, of Kansas City. He testified that to his knowledge Mr. Shields was given no advance information concerning the lowering of rates whereby he would have advantage over a competitor. He stated that charges in tariff rates were always published in the daily papers and grain men expected to be informed from this source. When the rate was reduced on export grain Mr. Hiland stated that no advance information was sent to Mr. Shields. The testimony taken at Kansas City and Des Moines indicated that certain orders issued by Vice-President Hiland were not being carried out, though the delay in getting these orders enforced may have been in violation of the interstate commerce law.

The testimony taken in Des Moines by the commissioners indicated that there has been concerted action on the part of certain members of the grain dealers' association to crush out farmers' elevator companies. It was claimed by the secretary of the Iowa Grain Dealers' Association that opposition to these companies was entirely due to the penalty clause under which they are operating. Letters in possession of the commission indicated that the Iowa Grain Dealers' Association has attempted to destroy the terminal markets for those considered "irregular."

Mr. C. G. Messerole, president of the Farmers' Grain Dealers' Association of Iowa, testified that the Iowa Grain Dealers' Association had attempted to run him out of business and he filed documentary evidence to that effect with the commission. He stated that the Iowa Grain Dealers' Association offered to stop the fight on him if he would strike out the penalty clause which requires a member of the Farmers' Company to handle his grain through his own elevator or to pay a penalty of half a cent a bushel. He stated that this penalty clause was absolutely necessary because old-line companies would put the price beyond a point the market would bear and consequently obtain grain and eventually drive the farmers' elevator out of business.

The statement made by several members of the Cereal Club of Des Moines did not harmonize. Secretary Wells stated that these meetings were held for general discussions and that no attempt was made to fix prices and that the members of the club did not vote as to what should be the value of a given grade of grain. The testimony of E.

W. Harper was diametrically opposite to the testimony of Mr. Wells. He stated that a vote was frequently taken at these meetings on prices and expressed by lifted hands as a basis for quotation for the ensuing week. In the opinion of Mr. Harper the so-called case cards were based on information furnished by the Cereal Club of Des Moines.

Other witnesses testified that they were obliged to pool with their competitors in order to hold their own share of the business. Mr. S. B. Williams, of Madrid, Iowa, pooled with competitors from Nov. 1, 1903, to Sept. 1, 1906. During this time the elevator doing the largest business turned the balance over to its competitor at an advanced rate of one-half cent a bushel. The pooling contract was canceled September 1st.

Peter Ide, of Story City, Iowa, in part testified:

In June, 1906, Wells (secretary of the grain dealers' association) read to me an agreement to equalize grain purchases and urged me to join the association of grain dealers, and to go into a like contract. I refused. He said that terminal facilities would be better if I would, and there would be no fighting and prices would not be boosted to drive me out of business. I did not join. Wells came up once, later, and said that if he had anything to do with it the price would be pushed up by my competitor. It has gone up a cent and a half. I still get the grain, but without profit.

Mr. W. G. Case, whose name was frequently mentioned by parties testifying before the commission, was placed on the stand and interrogated in detail with respect to the cards furnished grain buyers. He stated that the information on these cards was obtained from a close study of all the markets and that they were furnished at fifty cents a month to all parties who subscribed for them. He contended that they were used by grain buyers for reference and that they had nothing to do with the fixing of prices. He denied that the Cereal Club authorized the cards or that the grain dealers' association had anything to do with it.

JUDGES AT THE INTERNATIONAL.

Great as some of the fairs that have been held this fall are and important as each has been to the locality in which it is located, it must be frankly admitted that all the fairs combined are but preliminaries to the great International held in Chicago. This year the International comes from December 1st to 8th. The mammoth amphitheater which was nearly finished for last year's fair has now been completed and everything is in readiness for the 1906 show. The manager, W. E. Skinner, goes on record as saying that the present outlook indicates that the coming fair will be the largest ever held.

The board of directors have recently held a meeting at which the important business of selecting judges was transacted, with the following results:

CATTLE.

Short-horns—Breeding and fat classes, J. H. Miller, Peru, Ind.; Wiley Fall, Des Moines, Iowa; John Lewis, Lafayette, Ind. Angus—Breeding class, Prof. W. J. Rutherford, Ames, Iowa. Fat Class, Louis Pfelzer, Chicago. Carload Class, Louis Keefe, Chicago.

Hereford—Breeding Class, N. H. Gentry, Sedalia, Mo. Fat Class, W. S. Van Natta, Fowler, Ind.; Thos. Mortimer, Madison, Neb.; Thos. Clark, Beecher, Ill.

Galloway—Breeding and Fat Classes, Judge J. Calvin Ewing, Youngstown, Ohio.

Red Polled—Breeding and Fat Classes, J. H. Gillilan, Colorado Springs, Col.

Polled Durham—Breeding and Fat Classes, Prof. Thos. Shaw, St. Anthony Park, Minn. Grade and Cross-bred and Champion Steers, foreign judge, Arthur P. Turner, Pembroke, England. Carload Fat Cattle, James Brown, Chicago. Carload Feeder Cattle, Harry Schirding, Petersburg, Ill. Carcass Cattle, Wm. Russell, Chicago.

SHEEP.

Shropshire—Breeding and Fat Classes, Geo. Allen, Lexington, Neb. Southdown—Prof. G. E. Day, Guelph, Canada.

Oxford—H. L. Compton, Monroe, Ohio. Hampshire—P. W. Artz, Osborn, Ohio.

Dorset—Arthur G. Danks, Allamuchy, New Jersey.

Cheviot—Prof. J. H. Skinner, Lafayette, Ind.

Cotswold—J. Hal Woodford, Paris, Ky. Lincoln—To be selected.

Leicester—J. M. Garbouse, Weston, Ontario.

Rambouillet—Prof. C. S. Plumb, Columbus, Ohio; Prof. J. H. Skinner, Lafayette, Ind.; Prof. W. C. Coffey, Urbana, Ill. Grade and Cross-bred and Champion Sheep, Frank Fisher, Chicago. Carload Sheep, Robt. Mathison, Chicago. Carcass Sheep, H. A. Phillips, Chicago.

SWINE.

Berkshire—W. D. Fletcher, Lowell, Mass. Poland China—J. M. Kemp, Kenney, Ill. Chester White—To be selected.

Duroc Jersey—To be selected.

Tamworth—E. N. Ball, Hamburg, Mich. Yorkshire—J. J. Ferguson, Chicago.

Hampshire—J. E. Price, Lexington, Ky. Grade and Cross-bred and Champions, Chas. Goepper, Chicago. Carload Swine, George

Chandler, Chicago. Carcass Swine, Harry Boone, Chicago.

HORSES.

Percheron—Prof. C. F. Curtiss, Ames, Iowa. Clydesdale—Prof. W. L. Carlyle, Ft. Collins, Col.; Prof. Geo. C. Humphrey, Madison, Wis.; Prof. F. R. Marshall, College Station, Texas.

Shire—Alex. Galbraith, Janesville, Wis. Belgian—Wm. Bell, Wooster, Ohio; W. E. Prichard, Ottawa, Ill.; Prof. Wayne Dinsmore, Ames, Iowa.

German Coach—Mat Biers, Mendota, Ill. French Coach—Harry McNair, Chicago.

Hackney—Henry Fairfax, Aldie, Va.; Prof. W. L. Carlyle, Ft. Collins, Col.; Prof. W. J. Kennedy, Ames, Iowa, referee.

Shetland Ponies—Wm. J. Sampson, Youngstown, Ohio.

Ponies Other Than Shetland—Wm. J. Sampson, Youngstown, Ohio.

Draft Horses in Harness—Prof. C. F. Curtiss, Ames, Iowa.

SUPERINTENDENTS IN CHARGE OF DEPARTMENTS:

Cattle—Thos. Clark, Beecher, Ill.

Horses—R. B. Ogilvie, Chicago; J. S. Cooper, Chicago.

Sheep—Mortimer Levering, Chicago; C. F. Kurtze, assistant, Indianapolis, Ind.

Swine—A. J. Lovejoy, Roscoe, Ill.; C. F. Kurtze, assistant, Indianapolis, Ind.

Carloads—Richard Gibson, Delaware, Ont.; J. W. Martin, Gotbam, Wis.

Carcasses—Prof. C. F. Curtiss, Ames, Iowa; Prof. Wayne Dinsmore, assistant, Ames, Iowa.

Students' Judging Contest—Superintendent, W. J. Black, Winnipeg, Manitoba.

Horses—Judges, Jas. Z. McLaughlin, Janesville, Wis.; J. M. Fletcher, Wayne, Ill.; Prof. W. L. Carlyle, Ft. Collins, Col.

Cattle—F. W. Harding, Waukesha, Wis.; O. E. Bradute, Cedarville, Ohio; Prof. H. W. Mumford, Urbana, Ill.

Sheep—N. Noel Gibson, Millbrook, N. Y.; Geo. McKarrow, Pewaukee, Wis.; Prof. R. S. Shaw, Agricultural College, Mich.

Swine—N. H. Gentry, Sedalia, Mo.; W. D. Fletcher, Salem, Mass.; Prof. W. B. Richards, Agricultural College, North Dakota.

Judges for College Classes—Arthur P. Turner, Pembroke, England; Frank Fisher, Chicago; Chas. Goepper, Chicago.

Judges for Finished Product—College Exhibit—G. Howard Davison, Millbrook, N. Y.; W. A. Henry, Madison, Wis.

Practically every name on this list is that of a man who has not only state but national reputation as a judge of live stock. The public, we believe, is justified in holding the opinion that the ribbons as tied at the International will proclaim accurately to the world the relative merit in all classes.

FALL PLOWING FOR SPRING GRAIN.

A subscriber of King City, Mo., sends the following communication:

Would you advise fall plowing land intended for oats in spring or would it be better to do the plowing in the spring? There is difference in opinion in this locality on this matter and I wish you would bring these things out a little.

It depends very largely on the kind of crop produced on this land in 1906. If it is sod ground or if it produced a crop of small grain, we would have no hesitancy in advising that the land be plowed this fall. On the other hand, if the land is now in corn it might be advisable to do no plowing, either in the fall or in the spring. In this case, of course, the land must be thoroughly disked in the spring in order to prepare a seed bed for the oats.

The advantage of fall plowing compared with spring, in the case of sod and stubble land, is due to the fact that the soil becomes much more firm. This is desirable in growing any kind of small grain crop. Indeed, this is why it is better not to plow corn land at all, because in that case disking insures a good seed bed, while the lower soil remains firm and thereby prevents growth of too much straw which is always apt to lodge.

A Short Course in Agriculture.

There is one kind of education that is rapidly growing in popularity. We call it "useful" education. To a large extent our agricultural colleges and experiment stations are responsible for the dissemination of this kind. Its increase in popularity is indicated in two ways: First, by the increase in attendance in both the long and short courses at these institutions, and second, in the increase in the number of the agricultural short-course schools being established here and there throughout the corn belt.

Red Oak, Iowa, is a point that has become noted on account of the success attained by the local agricultural school. During the last few years a one-week school held at that point has been attended by several hundred young men and women of the surrounding country. This year the date for this school has been set from January 14th to 19th, inclusive. Professor Holden, of the agricultural college, will have charge of the corn work and there will also be given a course in domestic science under the supervision of Mrs. Jones, of the agricultural college. Some live stock judging



For Heavy Loaded Party Lines
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will also be included, and for this purpose some of the very best herds from the surrounding country will be used for instruction purposes.

This is not a money-making institution, but strictly intended to disseminate agricultural enlightenment. Those who have been instrumental in establishing it determined that as the majority of the farmers in the locality could not attend an agricultural college; it was only feasible to try the plan of bringing the benefits of the agricultural college to their people. Marvelous success has crowned the efforts of these men.

Mr. A. C. Gustafson, of Red Oak, Iowa, has active charge of this school and those of our readers who desire further information concerning it should communicate with him.

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An interesting article, explaining the theory and the object in the arrangement of the tread as used on the Litchfield Manure Spreader, is given on page 5 this week.

HOMESEEKERS' EXCURSIONS. CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arkansas, Indian Territory, western Louisiana, Mexico, New Mexico, Oklahoma Territory and Texas at rate of one fare plus two dollars for the round trip, except that a maximum rate of \$23.00 from Des Moines will be in effect to above territory with the exception of Mexico. Stopovers will be allowed in both directions. Limit thirty days, stopovers both ways.

On the first and third Tuesdays of each month until November the Chicago Great Western Railway will sell homeseekers' tickets to points in Arizona, Kansas, Missouri, Nebraska, Nevada, Utah, Wyoming, Alabama, Florida, Georgia, Kentucky, eastern Louisiana, Mississippi, North Carolina, Tennessee and Virginia at rate of one fare plus two dollars for round trip. These have limit of twenty-one days to return and allow stopovers on going trip.

On the first and third Tuesdays of each month until November, homeseekers' tickets will be on sale to Denver, Colorado Springs, Pueblo, at rate of \$23.00 from Des Moines and to Ogden and Salt Lake City at rate of \$23.50. Other Colorado points in proportion, all having limit of twenty-one days to return and allowing stopovers on going trip.

To points in Idaho, Montana and Washington homeseekers' tickets on sale the first and third Tuesdays of May, June, September, October and November at rate of one fare plus two dollars for the round trip, tickets having limit of twenty-one days to return.

To points in Minnesota, North Dakota, Manitoba, Saskatchewan and other Canadian provinces, homeseekers' tickets are on sale each Tuesday this year. Have limit of twenty-one days and allow stopovers west of St. Paul.

Full information can be obtained from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Farm Furrows

Turned by a Practical Farmer.

It will not be a great while until that beef ring should be organized and rehabilitated. The benefits of a beef ring are many and most essential.

High farming consists of attempting to raise the largest possible product on the whole farm. Good farming is to raise products at the greatest possible profit.

It is about this season of the year that we have a suspicion that the "weigh of the transgressor is about 1,800 pounds for a ton of coal." Scales at home will get around this old trouble.

Jonathan says to Ben Davis: "It is in a time of great plenitude when I get left, but it seems that I am here to stay with you this year, Ben." "Jonathans are a drug on the market," is a Missouri item.

It is claimed that George Washington was the first breeder of high-grade mules in America. Being dissatisfied with the work of horses, he at once bred a lot of high-class mules for service on his big Virginia farm.

The Illinois Experiment Station has found out that a larger yield of oats can be obtained by drilling than when sown broadcast and that less seed will be required. One bushel less is required where a drill is used and the yield is six bushels more.

There is at this time such a demand for hornless cattle in both dairy and beef herds that muleys are at a premium. So, many are engaged in producing a hornless strain. There are some polled cattle in all breeds and these are employed as starters.

I have lived long enough and have raised enough children to note that it is wrong to nag children about their faults. It is better to turn their minds to something else and their faults will gradually disappear. Talk sunshine and the clouds will soon vanish.

I have tried growing raspberries with and without mulch. Some of the advantages of mulch are: It prevents the growth of weeds; retains moisture; adds humus to the soil; prevents mud at picking time and keeps the fruit clean. The question with me is, does it pay?

Indian summer does not come in the summer time, but we can stand a lot of it, just the same. It takes us back to the time when we sodded up the house with prairie sods, made the fire-break effectual, picked the snow apples and rolled a barrel of cider into the cellar.

It has always been a mystery to me why anything as cheap as buckwheat would be adulterated by the addition of cement or other deleterious substances. We now have a pure-food law that ought to insure greater purity. Let us have pure food of all kinds at whatever cost.

When I was a boy it was the common practice on farms to call the hands to meals with the dinner horn, but I rarely hear one these days. The modern farmer and farm boy have a watch and at the appointed time the heads of the horses are turned dinner-ward and supper-ward.

One good thing can be said of a straw-stack hog house. It does not have a foul smell, as many hog houses do. A hog will keep its bed clean if given a chance, but it does not have reasoning powers that will enable it to escape the extremes of heat and cold usually found in a straw-stack bed.

According to the National Stockman, the demand for pork this year has astonished even the most sanguine friends of the hog. Both fresh and cured meats have been taken in large volume right along at prices which were so high that they were expected to check consumption. There are three reasons why this condition has existed and still exists. First is the prosperity of the South, a large consumer of cured meats. The southern trade was never larger than it is today. Next is the growing foreign trade, which like our own seems to proceed regardless of prices; and, finally, the people of this country have learned to eat bacon. Its consumption is unprece-

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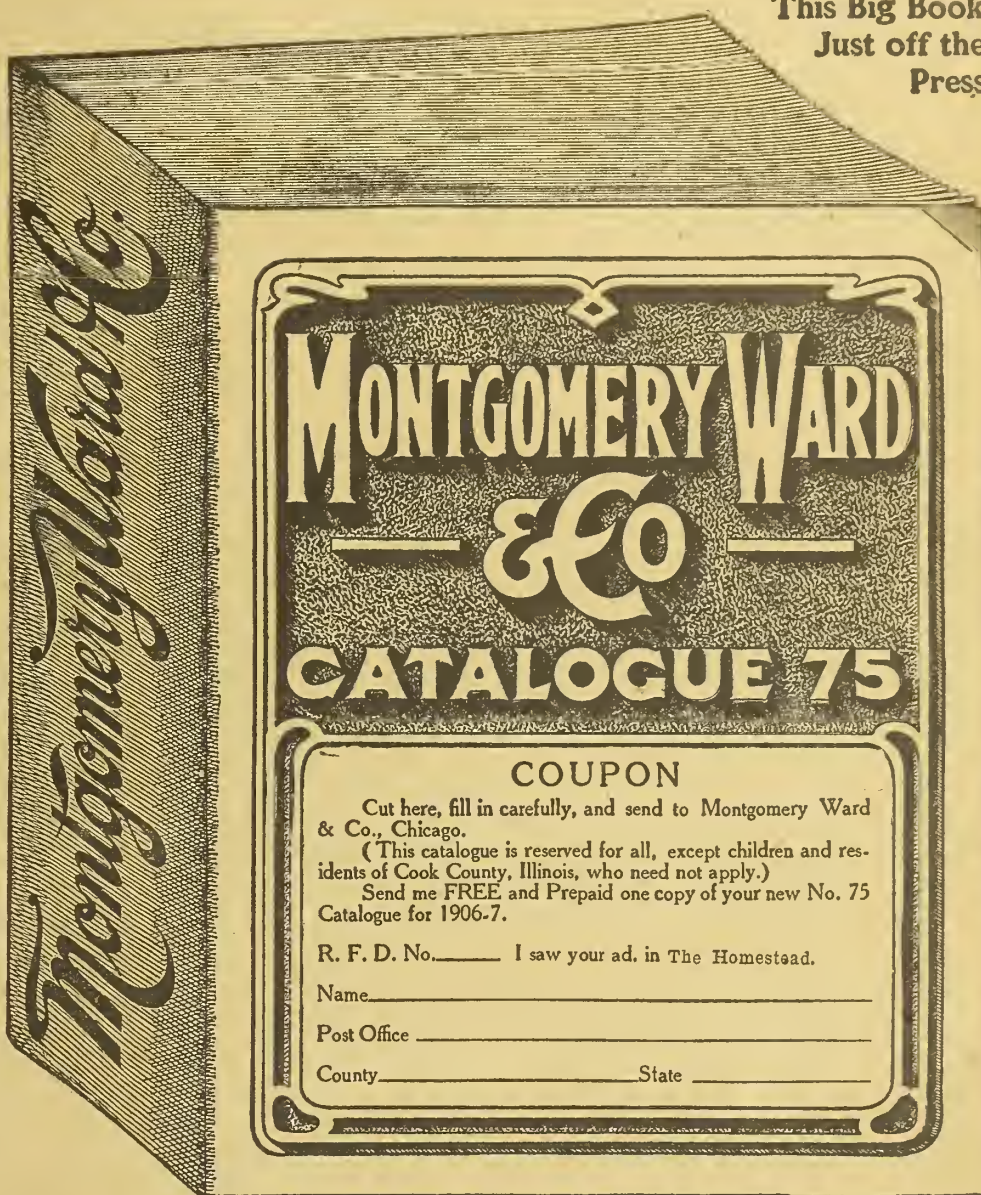
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dented in our history, and is still growing. There has been no shortage in numbers of hogs, but a vastly increased demand. This is why prophecies based on hog supplies have failed and are likely to fail in the future.

The free seed delivery has done some good in the world after all. The agricultural department at Washington brought us sorghum from China, and kafir corn has been given the semi-arid country of the southwest. Macaroni wheat has been brought from Russia, and Japanese rice from Japan.

A storm sash is the best way to shut out Jack Frost from the cellar windows. If this is not provided, leaves will be found the next best. It pays to make the cellar frost proof long before there is any danger of low temperature. Forty years ago we made the cellars of our houses warm by building up prairie sods.

A horse that acts ugly when being curried probably has some reason for his

action. He probably has a thin skin and a sharp comb irritates him. It does not pay to fight with a horse that does not like to be curried with a sharp comb; it is far better to use a coarse brush. I have often washed one horse I have that does not like a sharp curry-comb.

The elevator attachment for the potato digger is all right some seasons and in some localities, but occasionally it will not distinguish the potatoes from clods and stones about the same size of the tubers. In such cases it is better to pick them up in the old-fashioned way, employing baskets with handles like a pail. The half-bushel size handles better than a larger basket.

For twenty years the Ohio Experiment Station produced an average of forty bushels of wheat in a three-year rotation consisting of potatoes, wheat and clover. On another farm a rotation of corn, oats, wheat, clover and timothy was carried on with a yield of twenty-eight and one-half bushels of wheat per acre. With proper market privileges for

a series of years a clover, potatoes and wheat rotation will be hard to beat.

Hill, the railroad magnate, says that in twenty years we will have 130,000,000 people and asks where they are to be employed and how are they to be fed. In a century the coal supply will be practically exhausted. In the face of these facts, if they be such, and there is no reason to dispute them, every farm properly cared for should be worth more money for each year of the period. There will be a growing dependence on the fruits of the soil.

If a garden is manured heavily and not kept in growing crops all through the growing season the fertility will leach away into the subsoil, where it will be out of the reach of surface-feeding crops. If kept growing something all through the summer it will not leach and it will be all the better for the soil. If allowed to leach it will be better to change the spot occasionally and put the old garden spot to clover to bring up the fertility again.

THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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REARING BEEF CALVES.

Although animals intended for the block are marketed much younger in these days than they were in former times, it is to be doubted if on the average we have yet reached the point in our feeding operations that results in maximum profits.

The average man who raises his own steers makes two mistakes, and these are so frequently made that we often hear it stated that one cannot raise steers at a profit on land worth \$100 an acre. Our first handicap is that we do not use enough prepotent beef sires. While at a farm sale recently we noticed that grade bulls seven and eight months old sold readily at from \$50 to \$75. They were almost eagerly snapped up by farmers who kept all the way from ten to twenty-five cows. In that very neighborhood one could find pure-bred animals of much better individuality that were selling from \$75 to \$150. Now, in our opinion, the difference in the price of sires from these two classes is so insignificant compared with the results that it is almost beyond one's comprehension to understand why there should be found sale for the grade at all.

The second mistake is that calves are not fed well enough during the first six months. There is no time in the history of an animal intended for the block that feed will do so much for it as during the first six months. Under average conditions it does not pay to let the steer calf suck. If he is fed new milk for three or four weeks and then put on ten or twelve pounds a day of warm skimmed milk, together with about all the ground oats and corn he will eat, it is surprising what weight he will attain by the time he is six months old. But the grain ration should not be dropped then. If it is kept up a well-bred steer can be made to weigh all the way from eight to ten hundred pounds when he is a year old. Of course an extra good one, if he is well stuffed, may be made to go twelve hundred pounds, but this kind of feeding is hardly practicable under average conditions.

A steer that weighs eight or nine hundred pounds at twelve months ought to make a gain of two pounds a day during the next six months, and this brings him right around twelve hundred pounds at eighteen months old. You have then a \$50 or \$60 steer at average market prices and you have only kept him eighteen months. Mr. S. B. Packard, of Marshall county, Iowa, a staunch believer in the marketing of steers at an early age, has placed himself on record as believing that 1200-pound steers can be made at a cost of \$26 for grain, forage and grass. At this estimate a profit would be realized on the grain fed and if the steer brings \$60 there is the additional profit of \$34.

We realize that these figures are not accepted without some questioning by the average man, and yet we know from

experience that they are not extravagant. It is not an unusual thing to find men with pure-breds making their young heifers and bulls weigh ten or eleven hundred pounds at twelve months old, and if one's herd of cows were well graded up and a good low-down, thickly-fleshed bull were used, practically the same results could be obtained with high grades.

We have no use for a pure-bred bull of questionable individuality, but we do say that at the present time there are good pure-bred bulls selling in various parts of the corn belt for less money than they are really worth, simply because we have not fully realized the importance of good blood in the feed lot. We need good blood to get the gains; we need it to get early maturing qualities, and we need it when we go to market if we expect to get the top price.

SURFACE DRAINING LAND.

So much has been said in recent years about the tile draining of land that we sometimes lose sight of the fact that water can be removed from a soil in any other way. As a matter of fact it is often possible to remove water by surface drains inexpensively and sufficiently rapid to answer the purpose of drainage fairly well.

Certain soils are so close in texture as to render tile drains almost impracticable, and in such cases farmers who handle this kind of land usually learn to get rid of the water with a wonderful degree of skill.

The fall of the year is the time to begin operations in an attempt to remove water by surface drainage. Take a fall-plowed field, for example. Scrape out with the ordinary road scraper an open ditch throughout the entire length of the draws. This need not be deeper than about a foot and not more than two or three feet wide. The sides should be flaring so that machinery will pass over the ditch without difficulty. Into this main any number of surface laterals may enter. Usually these are made with a plow, though ordinarily it pays to go over them with a shovel and clean out the loose dirt.

Where land is fairly level it may pay to run a furrow every twenty or thirty feet. If this is done it is surprising how water in the spring will seek these channels, and, of course, find its way into the main open ditch and down to the outlet. Surface tillage in the spring will fill in the shallow laterals so that this system of drainage need not interfere materially with cultivation. If there is danger from too much water after the crop is in, it is then entirely practicable to go into the field with the plows again and furrow out the land much in the same manner as was done in the fall. It may seem a little like performing useless labor to make these shallow ditches and in turn fill them up by cultivation and then to open them out again. However, as said before, where tile does not operate or where there are cases where scarcity of labor or scarcity of capital makes tiling impossible, the system that is here advised may be used with reasonable expectation of getting results.

AMERICAN CANNED MEATS ARE GOOD.

The investigation of packing house affairs made earlier in the year, resulted in creating considerable sentiment abroad against the character of American meats. This was particularly true as applied to canned products.

Recently, two well-known butchers from England visited the Union Stock Yards of Chicago, and spent some time investigating the methods of every department of the packing houses. Special attention was given by these foreign inspectors to the methods employed in putting up canned goods and sausages. Their report has recently appeared in a London Meat Trades Journal. The commissioners say:

The slaughtering is exceedingly well done, and in the most expeditious way, while the workmanship of the butchers is splendid, and if less water were used on the beef we think it would be advantageous, especially to the butcher who buys on this side. The refrigeration is carried out on the most modern principles, and the meat generally is handled in the best possible way.

The canning department seems to us to be especially well organized and supervised. The greatest care and cleanliness are observed, machinery being used wherever it can be made available, and we failed to see any evidence whatever to justify the violent and grossly exaggerated attacks that have been made on these firms in this connection. The inspection is rigid—the government appointing any number of inspectors it considers necessary for the work in hand, and each

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BUT that is not all, by any means. For the Duplex Phonograph not only produces more music—a greater volume—but the tone is clearer, sweeter, purer and more nearly like the original than is produced by any other mechanical means.

By using two diaphragms in the Duplex we are able to dispense entirely with all springs in the reproducer.

The tension spring used in the old style reproducers to jerk the diaphragm back into position each time it vibrates, by its jerking pull roughens the fine wave groove in the record, and that causes the squeaking, squawking, harsh, metallic sound that sets your teeth on edge when you hear the old style phonograph.

In the Duplex the wave grooves of the record remain perfectly smooth—there is nothing to roughen them—and the result is an exact reproduction of the original sound.

Direct From Our Factory.

WE ask the privilege of proving to you that the Duplex gives a double volume of music, of purer, sweeter tone than any other phonograph made. We want to prove it at our expense. We ask you to let us send you one at our expense—under an arrangement mutually satisfactory—for use in your home one week.

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and in tone—than the best old style phonograph, return it at once at our expense. That's a fair offer but it isn't all.

We save you in the price exactly \$70.15—because we save you all the jobbers', middlemen's and dealers' profits. We are actual manufacturers—not jobbers—and sell direct to you at factory prices.

Sold through dealers the Duplex would cost you at least \$100—and it would be a bargain at that. Bought direct from our factory it costs you (one profit added) only

\$29.85

And you get a seven days' trial in your own home—and under no obligation to keep it if you are not satisfied. You run no risk, for this advertisement could not appear in this paper if we did not carry out our promise.

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WITH the Duplex Phonograph you can enjoy a delightful selection of songs, poems, piano, banjo, guitar, or violin music, short stories, anecdotes or dialect pieces, all reproduced by the marvelous two horned Duplex with the faultless fidelity of an instantaneous photograph.

You can bring to your family and friends, in all their original beauty, the priceless gems of musical art, the classic performances of famous artists like Paderewski, D'Albert, Raoul Fugno, and Jan Kubelik.

Or, you can listen, entranced, to the magic notes of melody fresh from the throat of a Patti, Melba, or Calve, and the great dramatic tenors, Caruso and Tamargo.

And best of all, you can hear once more, the voice of dear old Joe Jefferson as, with matchless pathos he delivers the lines of Rip Van Winkle so familiar to a former generation.

With every Duplex we send free
three 10 inch records.

Inspector has only two and one-half consecutive hours on duty, so that his power of concentrating his attention to his duty is not interfered with by long hours.

We are of the opinion that the quality and purity of the products of the farms we visited are such that the British public need not have the slightest fear in consuming them.

This will undoubtedly have the effect of restoring, not only our former volume of trade, but it will be no surprise, if in the future it should go far beyond the bounds of former records. Investigations have shown that the packing houses of England are much less sanitary than those of this country—indeed, they are so bad there, as indicated by authentic reports, that there is no comparison in the matter of sanitary measures employed between slaughtering houses abroad and those at home.

The farmer is vitally interested in sustaining a good market for canned meats. In the very necessity of the case, a certain amount of this kind of meat is produced on every farm of the corn belt. When cows get beyond the age of usefulness, either as breeders or milkers, they are generally marketed as canners. The value of this class of cattle is never high, but with a reasonable foreign demand it is always such as to afford a fairly good outlet for low-priced products.

SEED CORN PHILOSOPHY.

One of our subscribers, Mr. H. H. Phelps, sends us the following communication relating to the matter of saving seed corn:

Forty years of experience in saving, caring for and planting seed corn has brought me to the following conclusions, namely, that there is more seed corn injured after it is saved than before. Moisture is responsible for nearly all poor seed. Moisture and heat injure as much seed as moisture and cold. A thoroughly-dried kernel if not injured before it becomes so will retain its vitality for years if it is protected from moisture. That the bran on the cob is the natural protector of the germ against moisture, so it should be left on the cob until ready to plant. The germ of a kernel of corn is very sensitive to moisture, especially if it has not been injured and the moisture is accompanied by heat. When the grain is perfectly dry it is dormant and the oftener

it is waked from this dormant state before it is planted, the weaker it is. There are so many ways that seed can absorb moisture that, without good judgment on the part of him who cares for it, failures will be common.

Unquestionably, moisture and heat are just as injurious for seed corn when in combination as moisture and cold. In too many cases men have come suddenly to believe that corn should be placed when picked in quarters where no freezing could take place. The result has been that in many cases it has been stored in warm, poorly-ventilated quarters, and of course such seed cannot possibly come out strong in the spring. The thing that must be done during the next few weeks is to insure perfect ventilation of the seed corn, and one should see to it that ears in storage do not touch one another. They do not touch in the field as they grow, and if we will look for them, nature throws out a good many hints that are of some assistance if utilized.

WILD WITH ITCHING HUMOR.

Eruption Broke Out in Spots All Over Body—Cured at Expense of Only \$1.25—Thanks Cuticura.

"The Cuticura Remedies cured me of my skin disease, and I am very thankful to you. My trouble was eruption of the skin, which broke out in spots all over my body, and caused a continual itching which nearly drove me wild at times. I got medicine of a doctor, but it did not cure me, and when I saw in a paper your ad., I sent to you for the Cuticura book and I studied my case in it. I then went to the drug store and bought one cake of Cuticura Soap, one box of Cuticura Ointment, and one vial of Cuticura Pills. From the first application I received relief. I used the first set and two extra cakes of Cuticura Soap, and was completely cured. I had suffered for two years, and I again thank Cuticura for my cure. Claude N. Johnson, Maple Grove Farm, R. F. D. 2, Walnut, Kan., June 15, 1905."

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DAY BY DAY

Agricola

Country merchants are concerned as to the outcome of the pure food law. Here is one instance. Added eggs are unfit for food and selling them is a violation of the law. But how shall it be applied? Eggs are perishable property. Can the country merchant fall back upon the farmer of whom he bought them? He may not be able to identify the eggs. Or they may have been acceptable when the farmer sold them. They may "go off" enroute to the distant commission house, or in the wholesalers' hands, and the final purchaser, the consumer, may find them stale and unfit for food, but this does not fix the responsibility. Country merchants are anxious to have the exact application of the pure food law defined and made plain.

Corn is the chief crop of Kansas, Iowa, Nebraska, Missouri and Illinois. It is one of the easiest of crops to grow, one of the cheapest as to seed and harvesting, and its possibilities are yet unfathomed. Those of our readers who like Agricola live in the "corn belt" have cause for gratitude. But where is the corn belt? Here are Minnesota, Wisconsin, and the Dakotas flattering themselves that they are broadening the belt so that they also are "in it." All agree that the belt has natural limitations, but that the line of demarcation is rather indefinite and fluctuates with the years. But those who are near the limit take risks which we of the corn belt proper do not take.

The corn belt will never be famous for its production of sugar beets. The beets will grow, it is true, but conditions do not always favor a uniform stand, large leaf development and freedom from late growth which eats up the sugar. This conclusion is necessarily tentative, and subject to revision with larger experience. Corn can easily be tested as to profitability, as the seed is cheap, the labor home labor, and the machine for manufacture—the pig—portable. But a beet sugar factory costs some \$600,000, and an idle factory is a dreary sight from the view point of the owners. And its shadow is depressing to the whole country.

This year quite extensive beet planting

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\$46.50



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Why pay a fancy price when you can get this absolutely dependable U. S. Standard Scale and keep 3/4 of that money in your pocket? No middlemen's profits stuck on to the Peerless.

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No Money in Advance.

No deposit, no notes to sign, nothing to pay unless you are satisfied—and you are the judge of that.

Let us send you a set. Test them for a month and make up your mind whether they are worth \$46.50. Keep them if you think they are.

Send for the free "Peerless" Pitless Scale catalog fully describing every part.

You will make a big mistake to buy a high priced scale before investigating the "Peerless."

PEERLESS SCALE CO.,

Dept. G, Wyandotte St. and Milwaukee Ave.
Kansas City, Mo.

PEERLESS SCALE CO.,

Dept. G, Wyandotte St. and Milwaukee Ave.
KANSAS CITY, MO.

Please send me at once your free scale catalog and money saving plan.

Name.....

Address.....

has been done on the 43d parallel in Iowa; some 1,600 acres, but no one dared build a factory to manufacture them into sugar. The plan adopted was to ship them to a northern factory for this purpose. The results point to success on parallel 43, and a decision to build a factory there. With this as a base the same tactics will be used to find other localities and no one now knows how far south the sugar beet belt will be extended.

The average receipts for the first year on parallel 43 will be about \$50 per acre, some fields running up to twice that. This is called good for inexperienced hands.

Agricola has no use for the Sunday newspaper cartoons. They are not in accord with his sense of humor for any day of the week, but the legitimate cartoon has been effective for good, and the ill-advised cartoon has not been able to down the man who has right and justice on his side. Our readers who remember the civil war and reconstruction time will recall the trenchant cartoons of Thomas Nast in Harper's Weekly. He ridiculed Boss Tweed of New York City, and Abraham Lincoln. And Lincoln, the true-hearted, became loved and well nigh revered by all, but the false-hearted Tweed when he fled to Cuba, then a Spanish possession, was recognized by his cartoon and arrested as a kidnapper (the cartoon showed Tweed with a child in his grasp) and turned over to United States justice.

But let us go still further back. About one hundred years ago there appeared a cartoon in France representing Napoleon Bonaparte squeezing a sugar beet over his cup of coffee, and the infant child at the table, the King of Rome, had another sugar beet in his hand and the nurse was represented as saying: "Suck it, dear, suck it. Your father says it is sugar."

This shows the ridicule to which Bonaparte was subjected because he introduced beet sugar manufacture. But he had right on his side and came out conqueror in this battle.

And this is the way he "made good." Beets had but six or eight per cent of sugar—too low for profitable manufacture. He set his chemists to work analyzing individual beets. Those richest in sugar were reserved for mother beets, the beets grown from this seed were analyzed and the richest reserved for mother beets, and the following out of this plan has resulted in giving from 13 to 18 per cent sugar. The beets grown nowadays will probably run about 15 per cent sugar, and they are bought at the flat rate of \$5 per ton.

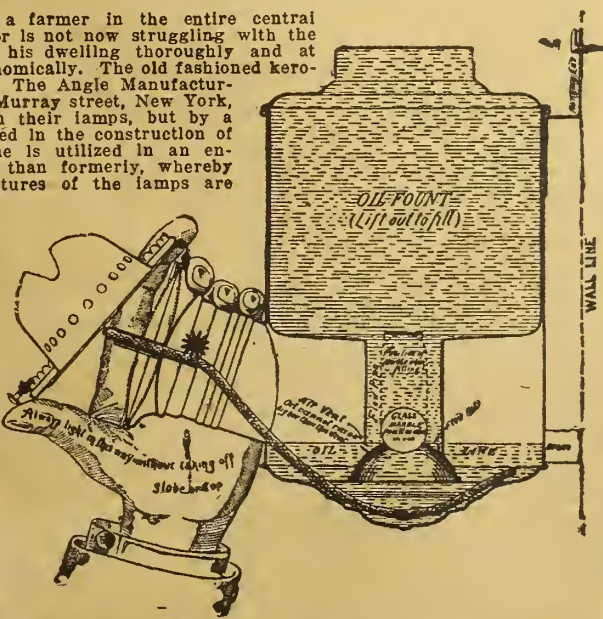
Talking of plant breeding, who can point to anything the equal in science and skill with that which has improved the sugar beet? Well, horticulturists will point to our improved apples and the sour crab, and we will accept their palatable apples, but then see how long a time they have been at it.

Referring again to the troubles of

THE HOUSE LIGHTING PROBLEM.

There is scarcely a farmer in the entire central West who has not or is not now struggling with the problem of lighting his dwelling thoroughly and at the same time economically. The old fashioned kerosene lamp must go. The Angle Manufacturing Company, of 78 Murray street, New York, still use kerosene in their lamps, but by a new principle involved in the construction of these lamps kerosene is utilized in an entirely different way than formerly, whereby all disagreeable features of the lamps are removed. These

lamps simply burn kerosene in a scientific way. They have been on the market ten years and are now found in some of the best homes in the United States. The Angle lamp gives a soft, mellow, restful light, and it is lighted like gas without removing globe or top. It is also extinguished by a single turn like gas or electricity. For further information concerning this wonderful kerosene lamp address the Angle Manufacturing Company, 78 Murray street, New York, and their illustrated catalog will be sent you. Look up the advertisement of this lamp on page 9 and when writing please mention this paper.



WHEELS



HOW DO THEY TRACK?

DID our readers ever wonder why some spreaders are made with narrow and others with wide front tread? Perhaps, like ourselves, you have concluded that on the average spreader there was no "plan of campaign" or design of construction in this part of the machine and that it "just happened." We can readily see why the extremely narrow front tread is built that way—because it is cheaper. We suppose the very wide tread is built the other way—because, well, you guess; we can't.

Just follow us and we will tell you why the Litchfield Spreader uses the tread that it does, and you will realize that this spreader was not designed "by instinct" nor by guess.

Wide tires are used under truck wagons and wider ones under traction engines, so as to cover all possible surface and prevent these wheels from sinking into the soft ground. The more surface that can be covered, the better the heavy load will ride on top of the soft ground, and the easier it can be moved. For this reason the front and rear wheels should not track, because the rut made by the front wheel will be made deeper by the rear wheel.

The Litchfield front tread is set just inside of the rear tread so as to cover as much surface as possible. Anything narrower than this is avoided because of the lack of stability. The front tread should come as near the width of the rear tread as possible and not run in the same track. The wide front tread prevents the whipping of the tongue when going over rough ground by one wheel dropping lower than the other and creating a sweep or rack to the pole; especially is this so on those machines where the front axle is braced to the pole instead of to the machine itself. It also maintains a stability to the load that is impossible to get from the narrow front tread.

With the wide traction tires on the Litchfield Spreader and the arrangement of the front tread the same load on this machine will ride on top of the sod where other machines will sink many inches through it. To be continued.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

country merchants, the habit which farmers have of each planting the variety of potatoes which he individually prefers makes much annoyance and loss when they are offered for sale. Shippers cannot possibly do as well with a mixed mess of all colors, white, yellow, rose color, pink and red, as they can with all one variety. If farmers in each locality would have a mass meeting and decide upon some one variety for early, and one for late, and all grow the same, then merchants could pay them more money for their surplus. For garden potatoes for home use, they can grow what they please.

Agricola heard a young rural school teacher make a remark the other day which was encouraging. The young teacher said he should plant some flower bulbs this fall, so the children could have them to enjoy early in the spring. He mentioned the crocus, the daffodil, the narcissus, the tulip,

the hyacinth and the lily of the valley.

Education is not merely a thing for the intellect. It is not the person with merely a crammed brain that you consider best worth knowing, but the one with well trained emotions, with a love for the good, the true and the beautiful. And a school yard adorned with trees and flowers and shrubs begets love of school, of home, of country; for it is a natural nursery for the propagation of emotions of patriotism and loyalty.

Davenport's Short-horn Sale.

Rain, much rain and then more rain came to greet Mr. T. A. Davenport the day of his annual sale. The weather man had furnished ideal sale days in abundance up to October 23d. It poured rain during the entire progress of the sale and much disturbed Auctioneer Bellows. The heavy downpour on the canvas was very noisy. A small crowd was present and twenty-one head were sold at fair prices, but Mr. Davenport knew that the small number of buyers were supplied and accordingly stopped the sale. He only offered one of his own bulls, but sold some four or five for his neighbors. Mr. Chas. Rice, of the firm of Rice & Lindsey, was a buyer of much of the choicest stock, as he was on the following day at Mr. G. J. Mack's dispersion. We present buyers' names of all purchases of \$100 and over:

FEMALES.

Charmer's Richland Rose, four years, sire Imp. Charmer, and b. c., William Mellery, Rowan, Iowa.....	\$125
Miss Hughes, five years, sire Lavender Lad, and b. c., L. E. Spencer, Clarion, Iowa.....	100
Secret Maiden, five years, sire Columbus, and b. c., P. J. Banford, Belmond, Iowa.....	100
Pride of the Morning, five years, sire Lavender Lad, and c. c., Chas. Rice, Rowan, Iowa.....	125
Charming Maud, four years, sire Imp. Charmer, and c. c., P. J. Banford.....	125
Arbella Maid, eight years, sire Starlight, and c. c., L. E. Spencer.....	120
Charming Queen, three years, sire Imp. Charmer, and c. c., Chas. Rice.....	100
Rose of Fairview 4th, eight years, sire Scottish King, and c. c., L. E. Spencer.....	105
Choice Phyllis, three years, sire Imp. Charmer, and b. c., Ed. Williams, Corinth, Iowa.....	100
Crow Queen, four years, sire Golden Crown, Jr., and c. c., L. E. Spencer.....	120

SUMMARY.

21 cattle sold for an average of.....\$97.25

SEND US THE ADDRESS OF YOUR FRIENDS IN NORTH DAKOTA.

Special rates from North Dakota up to the boundary line to points on the Minneapolis St. Louis R. R. and Iowa Central in Iowa and Illinois, on sale during November and December and good to return until April 15th. Send us your friends address and we will advise them fully. W. K. Adams, D. P. A.; D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

THE IOWA DAIRY CONVENTION IN 1907.

We are in receipt of the following communication from a special committee appointed some time ago by the city of Des Moines for the purpose of bringing before the people of the state and of other states the greatness of Iowa's capital. Their communication read as follows:

We desire, through the columns of your valuable paper, the opportunity of presenting to the members of the Iowa State Dairy Association some of the reasons why Des Moines should be selected as the place in which to hold next year's (1907) convention.

In the first place, Des Moines is the capital of the state and is one of the greatest convention towns in the United States. We have had nearly every convention at various times that has been held, but we have never had the honor of entertaining the greatest convention of them all, the Iowa State Dairy Association.

Des Moines is the largest and most progressive city in the state, and it is the most conveniently located of any city in Iowa. Every railroad of any consequence operating in Iowa enters Des Moines. It is the center of the greatest dairy country on the face of the earth, and if the convention is held here it will attract more people from Nebraska, Missouri and Kansas than if held in any other part of Iowa.

Again, it is the home of the state dairy commissioner and his assistants; besides, the home of the worthy secretary of your association. It is only one hour's ride from Des Moines to the state dairy school at Ames, and before the association convenes again Ames and Des Moines will be connected by an electric line with service every hour, and one of the special features of this convention should be a trip to the best dairy school on earth.

If you select Des Moines as your next meeting place you will hold it in a city that has four large creameries in operation the year round, and manufactures more butter than any other city in the state. We have three renovated butter houses; a large number of sanitary dairy milk plants, and every fast freight dairy refrigerator line has a representative living here, and this fact alone will warrant a successful meeting, as these gentlemen are traveling all over the state and will put forth an extra effort to bring out the largest gathering of delegates ever attending a state association.

We have the most and best hotels of any city west of Chicago. We have the finest convention hall in the state. We have three of the greatest daily newspapers west of Chicago and four of the largest agricultural papers in the world. And each one will help to boom this dairy convention. In fact, we have everything that any other city possesses and more than some.

Besides all this, the citizens of Des Moines want the buttermakers to meet with them.

"If it's worth roofing at all, it's worth roofing with Genasco."

When shingles have warped, split or burned—when coal-tar has crumbled and melted—when tin has rusted away—you will get *Genasco Ready Roofing*, and get absolute protection from intense cold or heat, the heaviest rain, searching snow-water, and even fire—year after year, in season and out.

Twenty-five years of asphalt knowledge are back of our valuable processes that put the enduring, weather-resisting life of Trinidad Lake Asphalt into Genasco Ready Roofing.

Easy to lay—smooth and mineral surfaces in several weights.

Ask your dealer. Write for Book N and samples.

THE BARBER ASPHALT
PAVING COMPANY

Largest producers of asphalt in the world

PHILADELPHIA
New York San Francisco Chicago

It Makes a Big Difference

how you skim your milk. Perhaps you don't fully realize how big a difference. May be you haven't even thought of it. But look at those two cream pails! One is twice as big as the other. Yet both were actually filled from the same quantity of milk, and Mr. R. A. Shufelt, of Cohoes, N. Y., didn't realize he was losing every day actually as much cream as he saved, until he tried a

U. S. CREAM SEPARATOR

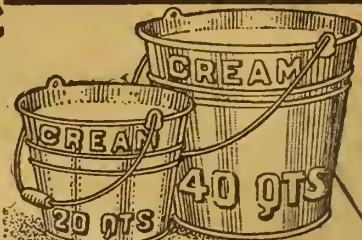


Mr. Shufelt says: "I set the milk in coolers and skimmed with dippers. Best I could do was about 20 qts. cream per day from 20 cows. By keeping an accurate record, I found with the U. S. I was getting about 40 qts. cream per day from 20 cows. As the total amount gained by the U. S. paid for it in 30 days, I will say that it is the best investment I ever made."

How much cream are you losing? Cream is money—the U. S. gets more than any other separator. The U. S. holds the World's Record for cleanest skimming. We will gladly send you our big, handsome, new catalogue telling plainly all about the construction and wonderful skimming records of the U. S., if you will just write us: "Send new construction catalogue No. '81'". Write today, addressing

VERMONT FARM MACHINE COMPANY
Bellows Falls, Vt.

Eighteen distributing warehouses centrally located in the United States and Canada.



The Commercial Club, which is composed of the best and most representative business men of the city, extends a special invitation to the dairymen to meet with them. They pledge themselves to do as much for this convention as any other city in the state.

We believe the above reasons are sufficient to induce the executive committee of this association to locate the next convention in Des Moines and we feel that every dairyman who attends this convention, if held here, will go away feeling that Des Moines is the greatest convention city in the United States.

The Homestead can endorse every word in the above communication. No city in the state can compare with Des Moines in the amount of dairy products manufactured, and this alone should be a matter of special advantage to the city in which such convention is held. The matter of accommodation is duly emphasized in the above letter, and on this point we can only say that there is not one iota of exaggeration in the statement made.

No matter what city or town is selected for headquarters for the meeting of 1907, The Homestead promises to do its full share in the matter of giving publicity to the meeting; but if Des Moines be chosen as the place of meeting The Homestead will be able, in view of its headquarters being located here, to give special service to the whole convention cause.

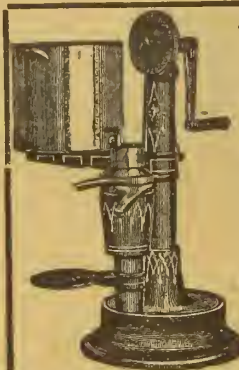
IMPROVING THE QUALITY OF CREAM FROM TAINTED MILK.

That all cream is not good cream is a fact generally conceded by careful dairymen. The surest way to improve its quality is to improve the quality of milk. Even where a great deal of care is exercised in milking and afterwards straining, and cooling, it often happens that there will be some taint or bad flavor. Sometimes the fault is with a single cow; it may seem to be characteristic of her milk at times, or the whole herd may yield an ill-flavored product for a day or more, due to having eaten moldy feed, turnips, garlic or obnoxious weeds or forage. The cream from such milk is not relished, neither is the butter which is made from it, and it hardly pays to spoil a good reputation at the creamery or store by getting rid of an occasional poor product in this way.

Some work has been done of late at the Virginia station that promises to improve the quality of cream from milk of an inferior grade.

As soon as the milk is found to be "off" in flavor, the cause should be learned. If one cow is causing the trouble, keep her milk out and treat it separately. As the acids and bad flavors are largely found in the milk serum, the cream should be skimmed as close as possible. If setting pans are in use, some form of skimming cup should be used that will allow all skim milk to drain off before it is emptied into the cream jar. Thus the bad flavor will largely be eliminated, where if the milk had been mixed with that of the herd of the bad flavor it would have permeated the whole milking. With a separator the bad flavors can be eliminated much more completely. If only a part of the milk is tainted the cream can be separated, then mixed with skim milk from an untainted product and separated again. The same end could be accomplished by setting the cream screw to skim very close, but the cream would not be uniform with that of the usual run.

When the milk from the whole herd is tainted the above plan must be re-



THE DAIRY QUEEN

THE CREAM SEPARATOR YOU HAVE BEEN LOOKING FOR

A close skimmer, simple, durable, easy to operate and clean, runs light and has the largest and lowest supply can of any cream separator on the market, really, an ideal separator, filling all the requirements that a farmer can ask for. You have been wanting a simple machine. We sell these machines on their merit, and guarantee them to be first class in every respect. When you buy a cream separator, you can't afford to make a mistake, as you are buying a machine that you use twice every day in the year. You can try a

DAIRY QUEEN

and if it is not as we represent it and satisfactory, it can be returned. Write today for catalog and prices, giving us the number of cows you milk.

BEST CREAM SEPARATOR ON THE MARKET
Address, **DAIRY QUEEN MFG. CO., FLORA, IND.**



WE
BUY

FURS AND HIDES

Obtain 10 to 50% more spot cash for RAW FURS, CATTLE and HORSE HIDES by shipping to us than selling at home. Write for Price List, market report, shipping tags.

\$5000 Hunters' and Trappers' Guide **BEST Thing** ever written, illustrating all fur animals, 450 pages, leather bound. All about trapping, kinds of traps, decoys, trappers' secrets. Price, \$2.00. To our shippers, \$1.25. Hides tanned into beautiful robes, also other tanning. **ANDERSCH BROS., DEP. 10, MINNEAPOLIS, MINN.**

sorted to; that of skimming as close as possible. A good machine can get most of the cream in about one-tenth of the weight of the milk. Such cream should test around 40 per cent, and will be almost thick enough to cut. Practically all the milk serum has been eliminated and with it has been taken the taints and ill-flavors also. It is not likely that more than one or two milkings will be so contaminated.

Close skimming with the separator is a good practice at all times. Cream that will test 30 per cent butterfat will stay sweet longer than that containing more milk serum, testing, say 20 per cent. A reliable method of improving the quality of cream as above suggested should be of considerable value, especially to the individual who retails cream to private trade. As a means, however, of producing a good product it should be of secondary importance. The primary object is to produce clean, pure milk, then good cream will be insured.

Test Your Cows.

The testing of each cow at least once a week, as to quantity and quality, is the basis of all successful dairying, as in only too many cases the poor cows in a herd eat up the profit of the good ones. Better to have six good cows than to have twelve medium ones. The Babcock test enables any farmer to determine the value of each cow's milk as easily as an expert chemist, and no farmer who owns ten cows or more ought to be without one unless he belongs to a test association. It is remarkable that although a decade has passed since the introduction of the Babcock test, a majority of the dairy farmers throughout the country have never used it on their farms. This is the more remarkable when we consider that this test is the only method yet discovered by which the actual value of the dairy cow can be determined. It would scarcely be believed if we did not know it to be so, that so important a factor in progressive dairy work would be so neglected.

It is difficult to assign a reason for this neglect of so many to apply in their business a system that carries with it so many advantages. Whether it is a lack of appreciation of the real merits



**You Want All
The Cream**

Therefore You Want the

Iowa Dairy Separator

No other Separator made extracts every particle of cream. Some is always left, and this "some" is your loss.

The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time! A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write today and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

**The Iowa Dairy Separator Co.,
Waterloo, Iowa.**

of the test or some other cause that breeds this indifference it is difficult to assert. The truth is apparent, however, that hundreds of dairy farmers who would insure to themselves innumerable

benefits by using the test in their herds are totally neglectful of it. All dairy-men, however, are not thus indifferent. Many today are using the test right along and are reaping the fruit of their progressiveness in the possession of more valuable herds and larger returns in milk production. To the dairyman who would keep up with the procession its use is a necessity. There are many farmers in this country who will tell you that their success as dairymen dates from the time they began using the Babcock test. Before that time it was largely guess work with them. A cow was judged by the quantity of milk she gave, and in this way they were often misled as to her real value.

Not infrequently cows were kept year after year that did not pay for the feed they consumed, while other cows that were really paying a profit, but were light milkers, were disposed of. The first important lesson taught them by using the test was that their former methods of determining a cow's fitness for a place in the dairy were absolutely valueless. Animals they had once believed to be good were shown to possess little merit, while others before considered unprofitable demonstrated that they possessed superior dairy qualities. This truth was a revelation to the dairy farmer, and by taking advantage of the light thus gained they were enabled to transform a discour-

aging, poor-paying business into one of pleasure and profit.

The painstaking farmer who is practical usually experiences no difficulty in determining the actual value of his cows when he uses the test. It enables him to distinguish the good from the medium and the medium from the poor, thus making it easy for him to get rid of the unprofitable animals. The farmer who tests his cows is in a better position to know the physical condition of his stock as regards healthfulness than is the one who does not. The test is sensitive to very slight changes in the physical condition of stock. If a cow is feverish she will usually show an abnormally high test. If exposed to severe cold the test will be low. If roughly handled or unduly excited the unfavorable results will always be recorded by the test. So, if a cow that is receiving good care and regular and proper feed is found to vary frequently in her test, it is a pretty sure indication that something is wrong with her. It indicates that she is not in a healthy condition and needs the services of a competent veterinarian.

Another benefit arising from the use of the test by the farmer is that he is not wholly dependent upon the creamery proprietor for a knowledge of what his cows are doing. Nearly all creameries now pay for milk on butter-fat basis, the farmer receiving pay in proportion to the fat his milk contains. It is wise for the farmer to know of himself how much this is. It is impractical to entrust the knowledge of the most important feature of a man's business to another, while he himself remains in absolute ignorance of it. If he does not like to take the trouble to test his cows and keep an account of them, ten or twelve may co-operate and hire a young man to do it.

Such test associations were started in Denmark about ten or twelve years ago, and a couple of years afterwards that country boasted of having over 300 such. It is, however, very little work to weigh the milk from each cow once a week and test it. In testing cows they should be milked the same hour in the evening on the test day as on the day before. The total milk should be weighed or measured daily in order to control the production. If the farmers will let the milking be counted as work and not as a little extra chore to be done sooner or later after dark, they will find the cost of production reduced.

Wm. Sorensen.

Howard county, Neb.

Stanley's Poland Sale.

The Poland China sale of Mr. A. O. Stanley was held at Valley View Farm, near Sheridan, Mo., October 22d. It was well attended and every man who was there pronounced the offering a superior one. The get of the great breeding boar, Joe Prophet, were eagerly sought for. The top of the sale, \$77.50, was paid for a three-year-old sow, Size-Me-Up, the buyer being Mr. W. A. Burg, of Parnell, Mo. Mr. J. L. Everett, of Grant City, Mo., paid the top price for a male, taking a boar of Joe Prophet out of My Hanna Lady. Forty-five head were sold at an average of \$26.50. A list of the buyers follows:

Lot.	Price.
2. Boar, Geo. Vancamp, Sheridan, Mo.	\$30.00
3. Boar, G. C. Strobberg, Sheridan, Mo.	17.50
4. Boar, L. Cossins, Sheridan, Mo.	30.00
10. Herman Schwanz, Lorimer, Iowa.	29.00
16. Sow, W. A. Berg, Parnell, Mo.	77.50
8. Sow, W. C. Campbell, Grant City, Mo.	36.00
9. Chiles Tennant, New Hampton, Mo.	30.00
5. M. A. Brown, Knowlton, Iowa.	35.00
6. B. F. Gilmore, Sheridan, Mo.	24.00
7. Sow, same	24.00
21. Sow, S. C. Golf, Blockton, Iowa.	21.00
39. Sow, V. O. Hunt, Ravenwood, Mo.	29.00
42. Sow, Floyd Mercer, Grant City, Mo.	29.00
40. Sow, B. T. Wray & Sons, Hopkins, Mo.	35.00
41. Sow, same	35.00
35. Sow, Miller & Adair, Redding, Iowa	37.00
36. M. A. Shipley, Isadora, Mo.	35.00
22 1/2. Sow, S. C. Golf	25.00
20. Boar, Jas. Andrews, Sheridan, Mo.	16.00
49. Sow, Floyd Mercer	15.00
28. Sow, J. M. Slater, Sheridan, Mo.	15.00
14. Sow, J. H. Wintermute, Blockton, Iowa	31.00
15. Sow, R. M. Finch, Sheridan, Mo.	30.00
34. Sow, J. M. Slater	21.00
48. Sow, same	21.00
38. Sow, J. L. Ewart, Grant City, Mo.	25.00
26. Sow, J. M. Slater	16.00
33. Sow, D. L. Miller, Sheridan, Mo.	18.00
47. Sow, W. R. Reed, Athelstan, Iowa	18.00
43. Boar, J. L. Ewart	40.00
22. Sow, S. W. Herndon, Grant City, Mo	20.00
27. Sow, J. M. Slater	20.00
12. Boar, John Koehler, Geneva, Neb.	30.00
11. Boar, J. M. Mercer, Grant City, Mo.	35.00
24. Boar, Miller & Adair	31.00
1. Boar, Ira Wells, Ravenwood, Mo.	30.00

The Manifold Duroc Sale.

The Duroc Jersey sale of Mr. George R. Manifold was held at Shannon City, Iowa, October 19th, and resulted in a realization of satisfactory prices to Mr. Manifold. It might also be added that buyers in every

BEST OF SEPARATORS ACTUALLY FREE OF COST.

This is really the fact in the purchase of a **DE LAVAL CREAM SEPARATOR**. Any reputable person may buy a **DE LAVAL** machine on such liberal terms that the machine **actually pays for itself**.

And it not only does this the first few months, in which it saves its cost, but goes on doing it for fully twenty years to come. In the face of these facts buying trashy "cash-in-advance" separators, or any other than the **best**, is penny wise, dollar foolish. Such machines quickly **lose** their cost instead of **saving** it, and then go on losing instead of saving.

There is no possible reason why any buyer of a Cream Separator should be content with less than the **DE LAVAL** and there never was a more promising time to make this most profitable of all farm investments.

Send at once for new catalog and full particulars.

THE DE LAVAL SEPARATOR CO.

Randolph and Canal Sts.,
CHICAGO
1213 Filbert Street
PHILADELPHIA
9 and 11 Drumm St.
SAN FRANCISCO

General Offices:

74 CORTLANDT ST.
NEW YORK.

109-113 Youville Square
MONTREAL
75 and 77 York Street
TORONTO
14 and 16 Princess Street
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The Cream of Cream Separators

The Sharples Dairy Tubular is the cream of cream separators—the pick of the whole bunch. Supply can wait low, you can fill it with one hand. All gears enclosed, dirt free, absolutely self-oiling—no oil holes, no bother—needs only a spoonful of oil once or twice a week—uses same oil over and over. Has twice the skimming force of any other separator—skims twice as clean. Holds world's record for clean skimming.



Bowl so simple you can wash it in 3 minutes—much lighter than others—easier handled. Bowl hung from a single frictionless ball bearing—runs so light you can sit while turning. Only one Tubular—the Sharples. It's modern. Others are old style. Every exclusive Tubular feature an advantage to you, and fully patented. Every Tubular thoroughly tested in factory and sold under unlimited guaranty. Write immediately for catalog J-121 and ask for free copy of our valuable book, "Business Dairying."

The Sharples Separator Co.,
West Chester, Pa.
Toronto, Can. Chicago, Ill.

Free-- YOUR FORTUNE --Free

SEND two-cent stamp with birth date and I will send your fortune, past, present and future. All matters of business, love, marriage and health plainly told. Prof. Earl Nugent, 1016 R. Walnut Street, Kansas City, Missouri.

PILES cured. Most cases get well after one application of medicine without pain one hour, then go about your work. No matter how bad or long standing your case, you should go at once and take this treatment. No knife or scissors used. Pay when cured. Examination free. Dr. J. C. McLaughlin, 351 Junction Bldg., Kansas City Mo.

ROYAL PITLESS WAGON SCALE
SOLD on 30 days free trial. For catalog and discounts, address,
Monarch Grubber Co.,
Lone Tree, Ia.

TYPEWRITER

FOR SALE—Several typewriters as good as new. Bargains for those who come first. Address,
Gilmore Co., 303 Locust St., Des Moines, Ia.

KEEP YOUR CLOTHES ON

A PINLESS clothes-line that has steel springs attached for holding clothes. Just new and not sold by dealers. Sample lines 50c., prepaid.
R. E. MILLER, Iowa City, Iowa

HILLCREST Butter-berd Holstein Bull Calves. The best money maker to head dairy herds. Write to-day. No females to sell. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

case were given full value for their money. The fifty-three head sold at an average of \$35.30. The following is a list of the purchasers:

Lot.	Price.
53. Boar, S. F. Downing, Maple Park, Ill.	\$20.00
15. Boar, L. Day, Afton, Iowa.	25.00
4. Gilt, Weir Sheldon, Tingley, Iowa.	75.00
10. Gilt, Sexsmith & Strong, Greenfield, Iowa	75.00
3. Gilt, O. B. Kimmins, Parnell, Mo.	75.00
5. Gilt, Ed Flack, Westboro, Mo.	42.50
2. Gilt, A. P. Alsins, Boone, Iowa.	101.00
6. Gilt, C. M. Mathews, Bridgewater, Iowa	77.50
7. Gilt, A. E. Poush, Chariton, Iowa.	75.00
8. Gilt, S. E. Hallin, Mt. Airy, Iowa.	45.00
24. Gilt, A. L. Mossman, Radcliffe, Ia.	47.50
23. Gilt, same	35.00
25. Gilt, J. D. Pollock, Thayer, Iowa.	34.00
20. Gilt, A. P. Alsins	37.50
18. Gilt, W. M. Smalley, Blockton, Ia.	32.50
19. Gilt, S. E. Hallin	33.00
17. Gilt, R. J. Harding, Macedonia, Ia.	55.00
26. Gilt, Grant White, Afton, Iowa.	31.00
10. Gilt, R. J. Harding	55.00
11. Gilt, Lynch Bros., Mt. Airy, Iowa.	62.50
13. Gilt, S. R. Murphy, Savannah, Mo.	50.00
12. Gilt, R. J. Harding	65.00
0. Gilt, H. A. Sexsmith	65.00
54. Gilt, H. E. Browning	50.00
56. Gilt, S. E. Hallen	20.00
55. Sow, J. D. Pollock	34.00
36. Gilt, Mrs. H. A. Sexsmith	20.00
22. Boar, C. M. Mathews	30.00
57. Boar, L. E. Madison, Kent, Iowa.	20.50
28. Boar, Wolfe Bros., Creston, Iowa.	35.00
30. Boar, A. L. Mossman	20.00
Sow and six pigs (Roycroftie), W. R. Millsap, Ravenwood, Mo.	50.00
Sow and ten pigs (Lottie), T. L. Tussey, Shannon, Iowa.	41.00

Rice & Lindsay's Short-horn Sale.

On Thursday, October 25th, fifty Short-horns, dispersed by Messrs. Rice & Lindsay of Clarion, Iowa, dissolving their partnership, sold at moderate prices, falling slightly below the sellers' expectations. Prices ranged from \$25 to \$355. The top figure was paid by Mr. J. G. Hill, of Clarion, for the roan herd bull, Victor Prince by Golden Drop's Victor and out of Imp. Coral Countess by Watchfire. The competing bidders were: J. N. Phillips, Emmetsburg, and J. B. Huisman, Wellsburg, Iowa. A considerable number of calves were sold separately, a fact that held the average down. The effects of the bad weather of three previous days was also in evidence. Every animal was disposed of as shown by the number considered in the average. Auctioneer R. W. Barclay conducted the selling, assisted by Messrs. Haley and Uhr. Mr. Rice will continue breeding Short-horns at Rowen, Ia. Below is the list of those selling for \$100 or over:

FEMALES.	
Fern Nellie, three years, sire Clover Duke, O. Hoyt, Clarion, Iowa.	\$115
Rowena's Charm, three years, sire Imp. Charmer, T. A. Davenport, Belmond, Iowa	105
BULLS.	
Victor Prince 192335, five years, sire Imp. Golden Drop Victor, J. G. Hill, Clarion, Iowa	355
42 females sold for ... \$2,570; average, \$61.20	
8 bulls sold for ... 725; average, 90.60	
50 head sold for ... 8,235; average, 65.90	



A Whole Medicine Chest.

A bottle of DEAN'S KING CACTUS OIL in time of emergency saves many dollars.

PROF. DEAN'S KING CACTUS OIL

Will heal the worst barbed wire cut without leaving a scar if used in time. We have thousands of testimonials that prove this fact. Every owner of live stock should keep it on hand, for it is a positive cure for cuts, sprains, bruises, old sores, swellings, open wounds, harness and saddle galls, etc.

KING CACTUS OIL is equally valuable for ailments of the human race. It is magnetized and soothing, pleasant to apply and heals a wound from the bottom up.

Sold by druggists in 15c., 50c. and \$1 bottles, \$3 and \$5 decorated cans. Sent prepaid if your druggist cannot supply you by **OLNEY & McDAID, Clinton, Iowa.**

SELL THE MILK AND RAISE THEM ON BLANCHFORD'S CALF MEAL AT YOUR DEALER OR THE FACTORY WAUKEGAN, ILL.

\$80 to \$175 Per Month
For Firemen and Brakemen, experience unnecessary. Instructions by mail at your home. High wages guaranteed; rapid promotion. We assist you in securing a position soon as competent. Send today. Full particulars at once. Inclose stamp. National Railway Training School, Inc. 21 F Boston Bldg, Minneapolis, Minn.

Echoes From a Kansas Farm

By Henry Hatch

Those who believe frosted kafir fodder is better than that not frosted will have a chance to feed some of it this year, as there was much of the late planting standing when the first October frost came.

This is the season of the year when the farm boy with hardly a common school education starts off for business college, and expects to land a \$60 a month job, after a few weeks study. Too many want to begin at the top.

The best school for farm boys to attend is an agricultural college. The old saying, let every cobbler stick to his last, holds good in the majority of cases. However, when a boy fully decides that he will not farm, in tackling something else, he must expect to commence at the bottom.

It pays to put in a few acres of wheat or rye around the buildings, if only for fall and early spring pasture. This is the first fall we have done so, and it is found that the value of the pasture more than amounts to the cost of the seed and labor of putting it in. Our wheat is making the best of hog pasture right now, and, being thick on the ground, will last a long time.

There is now no sale for rough stock cattle such as used to be sold for canners, and the only way to get rid of them at all is to feed them awhile, then sell to local butchers. We have four that will soon be fed, and a local butcher will take them at a price that will pay us well for the corn fed and more for the cattle than they could be sold for before feeding.

Since building the barn we have room for the bulk of the hay raised on the place. This gives place to another trouble; getting enough poor hay for bedding. When stacking outside, we had more than enough, but now there is practically none at all. A raid will have to be made on the speltz straw stack.

Some folks say speltz straw makes good feed. We cannot see it that way. In the first place, it is filled with beards, and anything that isn't beards is coarse, tough stuff that stock do not care for. At least this has been our experience, af-

ter feeding some of it last winter. The cattle would not eat it until everything else in the racks was cleaned up. We did not blame them.

A neighbor of ours is going to put in a mill for grinding alfalfa hay, with which he will mix corn. Kafir corn, oats and perhaps some wheat. This mixture he will feed to his herd of thoroughbred hogs. The object is to keep from buying so much mill feed. Millers are still charging an outrageous price for shorts, and probably will as long as they can make sales.

As a rule, the improvements tell whether the farm has been made to pay or not, but not always. There are two exceptions. One is where good buildings have been put up to sell poor land, the other is the farm where lives the man who is land hungry. All that is made by such farmers go to buy more acres. A thousand acres of land owned by one man isn't the benefit to a neighborhood that one thousand acres is when owned by ten men. Mail delivery and telephones are slow to come where farms are large and buildings few.

It is surprising what a large amount of machinery can be packed into a small shed, if you plan a little; and how little can be put in when you just run one tool against another, with no thought of saving space. We have a machinery shed 14x48 feet in size, on the west side of the barn, and were figuring where that which could not be put in was going to be sheltered. We took a half day for it, and got everything in, leaving room for some more. A few of the tools were taken apart, though.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for 25 years.

Hector Cowan's Short-horn Sale.

The sale of Mr. Hector Cowan, of Paullina, Iowa, was held on the date advertised, namely, October 23d. The weather conditions were of the very worst imaginable and the attendance was small. As a result of this small attendance Mr. Cowan did not sell his bulls. Mr. Jno. Rasmess, of Lake City, Iowa, paid the top price of the sale, \$400, for Imp. Patience, Mr. C. A. Saunders, of Manilla, Iowa, got the imported cow, Miss Law, for \$320. The twenty-seven females sold for \$3,940, or an average of \$146. The following is a list of the animals bringing \$100 or more:

Imp. Miss Law, calved March 11, 1899,	320
C. A. Saunders, Manilla, Iowa.....	320
Imp. Patience 31st, calved Jan. 15, 1902,	400
John Rasmess, Lake City, Iowa.....	400
Princess Royal 13th, calved Dec. 28, 1904,	190
H. H. Powell, Lynn Grove, Iowa.....	190
Lakewood Victoria, calved Aug. 13, 1901,	245
Walpole Bros., Rock Valley, Iowa.....	245
Miss Walpole, calved June 1, 1904, H. H. Powell.....	235
Golden Lass 2d, calved April 17, 1903,	155
Clay County Poor Farm, Spencer, Iowa.	155
Cassandra 5th, calved Nov. 2, 1904, Cbas. Tigges, Peterson, Iowa.....	100
Banff's Belle, calved Sept. 7, 1905, H. L. Wright, Laurens, Iowa.....	115
Carrie, five years, R. M. Wilkinson, Gaza, Iowa.....	120
Belle Lesley 4th, calved Aug. 24, 1903, and h. c., J. S. Irwin, Ireton, Iowa.....	140
Lady Mazurka 4th, calved Aug. 2, 1900, and h. c., H. G. McMillan, Cedar Rapids, Iowa.....	110
Beaver Creek Alice, Clay County Poor Farm.....	145
Annie Richmond, calved Nov. 14, 1901, and h. c., J. A. Benson, Primghar, Iowa.....	160
Minnie Aldrie, calved Oct. 4, 1899, and h. c., Clay County Poor Farm.....	155
Lady Bountiful, calved Aug. 13, 1903, John Cowan, Paullina, Iowa.....	100
Lady Bountiful 2d, calved Nov. 10, 1905, Henry Groof, Dundee, Minn.....	115
Princess Baldy, calved June 2, 1900, J. P. Fritz, Alton, Iowa.....	120
Jemima 2d, calved May 7, 1898, and h. c., J. E. Britton, Sanborn, Iowa.....	145
Iowa Beauty, calved Jan. 24, 1898, A. Henderson, Paullina, Iowa.....	150

A. F. Graves' Sale of Poland Chinas.

On Saturday, October 20th, Mr. A. F. Graves, of King City, Mo., made his initial sale of Poland Chinas. Only a few breeders responded to Mr. Graves' invitation to be with him and these were all loud in the praise of the quality, the uniformity and the general excellence of the Lyndale Poland Chinas. That the Lyndale Poland Chinas will be better appreciated by breeders in the future is a certainty, as Mr. Graves is breeding such a practical, useful hog that their merit will win them the recognition they deserve. Fully 500 of Mr. and Mrs. Graves' neighbors and friends turned out to show their appreciation of the good work being done at Lyndale for the pure-bred live stock interest of that section. Mr. and Mrs. Graves had prepared a sumptuous lunch and all were satisfied that the day was well spent, as at no farm in the corn belt can more conveniences for pure-bred stock be found than at Lyndale. These attracted much attention and we hope will inspire many to do better, raise better stock and care for it in such a manner as to give best results. The evenness of Mr. Graves' hogs is best shown in the average of \$27.25 that was made on the fifty-four head sold. The top price was \$40 and the bottom \$20. Col. Geo. P. Bellows did the selling and in his opening remarks made such a plea for the pure-bred live stock industry as should inspire every farmer to do better. Following is a list of all sales over \$25:

Price.
2. Spring gilt, C. E. Tenant, New Hamp-

RUBEROID

REGISTERED U. S. PATENT OFFICE.

"The Grand Old Roofing" Standard for fifteen years. The pioneer weatherproof, elastic and fire-resisting roofing. Absolutely weather-proof. Contains no tar—will not melt. Contains no paper—will not rot. Sparks or burning brands falling upon it will not ignite it. The only prepared

ROOFING

which has demonstrated that it will outlast metal or shingles. Costs little to buy and nothing to maintain. Sold ready to apply, with all necessary fixtures. Any handy man can apply it. Send for samples and booklet "L."

THE STANDARD PAINT COMPANY, Sole Manufacturers,

100 WILLIAM ST., NEW YORK.

Chicago Offices, 188-190 Madison St. Cincinnati Offices, Union Trust Building.



CLEAN OUT THE WORMS!

Hogs confined to close quarters in fall and winter are often troubled with worms. Worms are a forerunner of disease and kill more hogs than Cholera, and are often mistaken for cholera.

PRUSSIAN HOG-WORM POWDERS

are for hog worms only. They remove all worms from hogs. Worms stop growth. Prussian Hog Worm Powders clean out the worms, strengthen the system, start rapid growth and make hogs thrive. Price 75c per package, 25lb. pails \$4.50 freight paid.

Your Horses, Cattle, Hogs and Sheep should have

PRUSSIAN STOCK FOOD

mixed in their feed. It purifies the blood, aids digestion, sharpens the appetite and puts all the stock in healthy, thriving condition and prevents worms.

Ask dealer about PRUSSIAN POULTRY FOOD, it produces more eggs. Cures Cholera Prussian Lice Killer and Lice Powder to kill lice and mites. Prussian Cough and Distemper Cure cures Cough, Distemper, etc.

Write how many stock you have and ask how to get 164 page Manual FREE.

PRUSSIAN REMEDY CO., St. Paul, Minn.

OUR NEW SHOE CATALOGUE

Will be sent FREE—Just Drop us a Postal Card.

Men's Felt and Arctic Combination

PRICE FOR BOTH SHOES AND ARCTICS

A Combination That Will Keep Your Feet Warm & Dry. Your Home Dealer Would Ask You

\$3.00 For an Outfit Like This One.

Size 6 to 11, Price for Both Pair, - - \$1.98

DON'T FAIL TO SEND FOR OUR FREE SHOE CATALOGUE.

THE T. M. ROBERTS CO.-OP. SUPPLY CO.,

Dept. H 77, Minneapolis, Minn.

ALL FELT—The Standard Quality

Extra Heavy ARCTIC The Kind That Wears

DOUBLE SOLE

ALL FELT

Write today for free catalog, to

Sure Hatch Incubator Co.

Box 16 Fremont, Neb., or Dept 16 Indianapolis, Ind.

Hatch Chickens by Steam with the

EXCELSIOR INCUBATOR OR WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatcheries made.

GEO. H. STAHL, Quincy, Ill.

Send for free Catalogue.

Drink Habit Easily Cured

Wives and Mothers

If you have a loved one whom you wish to cure of Drinking, I will gladly tell you free of all cost just what I used to cure my husband, who drank for over 20 years. Write me in confidence.

Mrs. Margaret Anderson

2196 Maple Ave., Hillburn, N. Y.

Patent Your Ideas

\$100,000 offered for one invention; \$8,500 for another.

Book "How to Obtain a Patent" and "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense.

Chandlee & Chandlee, Patent Attorneys, 956 F. Street, Washington, D. C.

\$7.00 Daily Av. selling Only Pump Equalizers

Make all pumps work Easy. Windmills run in slightest wind. Fits all Pumps. Merit sells them. Fully warranted. Exclusive territory. Write Equalizer Mfg. Co., Waseca, Minn. Dept. 19

SALESMEN WANTED To introduce Burbank's

wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

Telegraphy Taught thoroughly. Typewriting free. Write for catalog. Wichita Tel. College, 201 S. Main St.

\$20 and, considering the quality and breeding, sold for bargain prices. Col. Carey M. Jones, conducted the sale, assisted by Colonels Blandon and Scott. Below is a list of animals selling for \$100 or over:

Imp. Glad Tidings 3d, Jas. Neville, Canton, Ill. \$375

Noupareil A., L. Robinson, Pekin, Ill. 140

Nellie Acanthus, Ira Cottingham, Eden, Ill. 155

Orange Lily, A. J. Ryden, Abingdon, Ill. 105

Victoria Pride 3d, W. B. Rigg, Mt. Sterling, Ill. 185

Glad Tidings 4th, J. W. Dawdy, Abingdon, Ill. 105

Noupareil C., A. J. Ryden 115

Sarepta Minnie 5th, Fritz Guth, Washington, Ill. 155

Sarepta Pride 16th, Lewis Stookey, Harris-town, Ill. 135

Sarepta Lady 6th, same 135

Roan Gem, F. A. Latimer, Canton, Ill. 105

BULLS.

Imp. Forrester, Jas. A. Turbett, Hanna City, Ill. 100

Emperor's Best, A. C. Brooks, Glasford, Ill. 170

SUMMARY.

29 females sold for \$2,750; average.. \$94.00

6 bulls sold for 400; average.. 66.00

35 head sold for 3,150; average.. 90.00

Cancerol, a Safe and Sure Treatment for Cancer.

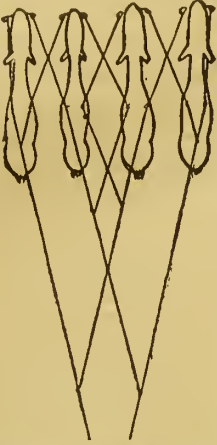
No knife, burning plasters or painful injections. Cancerol has been successfully used where all other methods failed. Investigate for yourself—costs but a trifle. Write today for free book. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

Oottingham's Short-horn Sale.

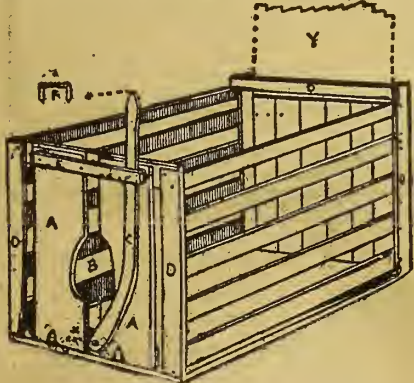
A large number of breeders and farmers were present on Tuesday, October 9th, at the public sale of Short-horns held by Mr. Ira Cottingham, of Eden, Ill. The Scotch cattle sold well, but those present failed to appreciate the Scotch-topped cattle which were included in the offering. Imp. Glad Tidings 3d, went to Mr. Jas. Werille, of Canton, Ill., at \$375, topping the sale at this figure. The hull consignment was topped by Emperor's Best, a Scotch hull which went to Mr. A. C. Brooks, of Glasford, Ill., at \$170. The Poland Chinas averaged right at

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

A York, Neb., farmer sends his plan of hitching four horses abreast with but two lines and without "jockey" sticks or false lines. He writes: "The horses soon learn to swing around as uniformly as if but two were driven. With this you can handle four horses as easily as you can two with the ordinary lines. I think the drawing will explain better than I can how the lines should be crossed." This arrangement will be found more satisfactory than the common method of attaching the two outside lines and tying the horses' bits together.



A ringing trap for hogs is a necessity on many farms, and the accompanying sketch shows a good form, says the Farm Herald. The frame of trap is 2x4 inch pieces, D, D, D, lapped and bolted at corners as shown, and a tight, smooth floor. Also side and top boards are solidly nailed to inner edge of the frame, as shown, making a strong crate from which boards cannot be crowded off. Rear end is fitted with slide door to raise up as indicated by dotted line V. Front end has a door, AA, made of two thick, strong boards on inside cross cleats at top and bottom. AA is joined at bottom by two strong hinges to frame, D, and held up when in use by the iron clamp, F, being placed over top of door and frame, D. Door has a central opening, B, below which are several bolt

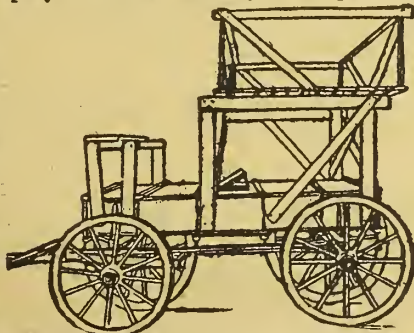


TRAP FOR RINGING HOGS.

holes for fastening an iron lever, C. The top of door also has wide cleat, E, bolted at one end with blocks behind to hold it out from door, so the other end will form a guide for lever,

C, which, when pulled forward, partially closes opening, B, and firmly holds hog, with head through the opening. Lever, C, is fastened while in use by a spike nail inserted as shown, in one of several holes bored through side cleat and door at Z. Opening, B, is twelve inches long and nine and one-half inches wide at widest place near lower end, and lower end of opening is ten inches above floor. Crate is four feet two inches long, two feet four inches high, and one foot six inches wide, inside measure. Place trap squarely with rear end close up to hog house door, with lever, C, thrown back; raise slide door, drive in a hog and drop slide door behind him, and he will thrust his head through hole, B. Pull lever, C, tight against his neck and insert spike to hold it there, and you can ring with ease, a hog weighing nearly 400 pounds.

Probably the most important experiments in spraying fruit trees conducted during the past ten years are those of the experiment station at Storrs, Conn. The experiments have been conducted by W. E. Britton and B. H. Walden who say they believe that if the spraying can be done as soon as the leaves drop off or during November, that a large proportion of the young will be killed, and that they are much more susceptible to the effect of the sprays than after they are partially



TANK SPRAYER USED BY THE CORNELL (N. Y.) STATION.

grown and better protected by their shells of armor. The mature insects die naturally, before spring, and it is only the half or partially grown that carry the species through the winter. On December 10th to 11th, when the spraying was done at Bridgeport, the scales were about all alive. On January 2d, less than a month after the application, twigs were cut and examined, with the result that an average of 17.5 per cent of living insects were found. This can fairly be attributed to the effect of the treatment, principally because no severe weather or ice storms had occurred to kill the scale-insects in unusual numbers. The results of the second examination of twigs on June 2d were somewhat disappointing, as an average of 10.6 per cent of living insects were found. In spite of the rather large percentage of living insects in this test, the writers believe that fall or early winter spraying can and soon will be practiced by the growers. More than 100,000 trees in Connecticut were sprayed last year with uniformly good results.

An illustration in the Prairie Farmer

Helpful
Hints
on
**FARM
POWER**

FREE

This Frost Proof Gasoline Engine

will work for you all the year 'round—
in all kinds of weather. It can't freeze, so you'll have no frozen pipes causing expensive delays and heavy repair bills.
We can prove to you that it is the most reliable, easily operated and economical gasoline engine built. And it has a guarantee back of it that absolutely protects you.

The Fuller & Johnson FROST PROOF Engine

water cooled or oil cooled, is built expressly for use on the farm—with the inexperienced man in mind.

It is mechanically perfect and is unequalled for simplicity of construction.

You can operate it—you can understand it—you can control it perfectly.

If we didn't know that, we certainly wouldn't guarantee you satisfaction.

Fuller & Johnson's guarantee has to be lived up to.

Gasoline costs money and the fact that our engine will do most work with least fuel must appeal to you. It never uses a drop more of gasoline than the load demands. Therefore, it develops more power per gallon of gasoline used than other engines.

It runs smooth and steady all the time, whether it's carrying half a load or a full load. Oils itself all over every time the crank shaft goes round.

Our engines are made in all styles and sizes and you can select one that will meet your requirements exactly.

Fuller & Johnson Mfg. Co., 115 Washington St., Madison, Wis.

But before buying any engine, send for our free booklet—

"Helpful Hints on Farm Power." It will protect you from loss and disappointment and help to solve your power problem.

If you are in need of any other farm implements and want to be safe on quality, investigate

The Fuller & Johnson Complete Line of Farm Implements

including, in addition to Gasoline Engines, Plows of every modern pattern, Harrows, Cultivators, Corn Planters, Transplanters, Manure Loaders—all representing the highest standard of excellence in their class, both as to quality of materials used and workmanship.

Fuller & Johnson have been supplying the progressive farmers' needs for forty-five years. They can supply yours.

And your purchase will be no experiment.

IOWA STOCK FOOD

FREE!

To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing.

Zearling, Iowa, July 13, 1906.

Gentlemen:—
I purchased some of the Iowa Worm Powder last February and I don't think I ever made a better investment. The Iowa Worm Powder can be depended upon. I had some of it left that I fed to my spring pigs and it surely done the business.
I gave your Mr. Deal an order today for some more of the Worm Powder, as I want it on hand. An occasional feed of it keeps the worms from accumulating in my pigs. Feeding to prevent sickness heats curing after pigs are sick. Most of the pig losses are due to worms and the Iowa Worm Powder is sure death to worms.
Truly yours,
Alex. Norman.

Address Department A.

IOWA STOCK FOOD CO.

Jefferson, Iowa.

"Everyone Exclaims About Our Lights!"

"THE LAMPS are splendid. Everyone exclaims about the amount of light they give," writes Mrs. W. T. Reese, Tiffin, Ohio. "My City friends visiting here say they are as good as Gas. In fact, my home is now considered the best lighted house in the county. Why, when we go visiting our neighbors of an evening it is hard to keep from exclaiming about the poor light they have!"

The Angle Lamp is the new method of burning common kerosene oil, and is as different from the ordinary lamps in results as it is in appearance. It makes common kerosene the best, the cheapest and the most satisfactory of all lighting methods. Safer and more reliable than gasoline or acetylene, yet as convenient to operate as gas or electricity.

The Angle Lamp

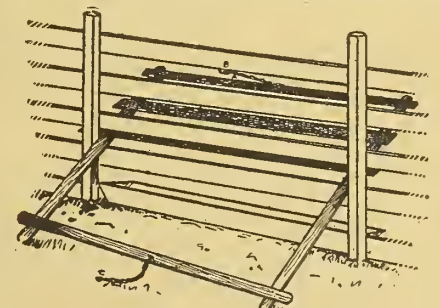
Is lighted and extinguished like gas. May be turned high or low without odor. No smoke, no danger. Filled while lighted and without moving. Requires filling but once or twice a week. It floods a room with its beautiful, soft, mel-
low light that has no equal.
And yet the lamp actually pays for itself. For while the ordinary round wick lamp, usually considered the cheapest of all lighting methods, burns but about 5 hours on a quart of oil, The Angle Lamp burns a full 16 hours on the same quantity. But send for our catalog "33" explaining the new principles employed in this lamp, and for our proposition for selling on

30 DAYS TRIAL

Wouldn't you like to have your home admirably referred to by your neighbors as "the best lighted house in the country"—If you answer such a light would cost so much less than your present system as to pay for itself in a few months use? Then write for catalog "33" describing The Angle Lamp fully and listing 32 varieties from \$1.80 up. It is free for asking.

THE ANGLE MFG. CO., 78-80 MURRAY STREET, NEW YORK.

describes a protection for a hog trough as follows: "When not in use this frame



PROTECTIVE TROUGH.

is hooked up as shown in the illustration at A and B, but when swill is to be poured into the trough it is unhooked and fastened with the chain, C. The plan is said to be very effective."

Mack's Short-horn Sale.

The day following Mr. T. A. Davenport's baptism sale, Mr. G. J. Mack, of Clarion, Iowa, dispersed his Lilac herd of Short-horns, October 24th. The rain had subsided some, but the day was very raw and cold and many fur coats were worn. Some new material came in during the night and several new breeders were bidders at Mr. Mack's sale that Mr. Davenport missed. Col. Geo. P. Bellows did some most excellent work on the block and the bidding was quite prompt and snappy. The result of the sale was very satisfactory to Mr. Mack. All sales of \$100 and over are listed below:

FEMALES.

Nonpareil of Lilac Hill, two years, sire Imp. Morning Star, B. W. Brown, Mason City, Iowa.....\$125.00
Bluffview Gloster, three years, sire Scottish Lavender, L. E. Spencer, Clarion, Iowa.....100.00
Oakland's Duchess, one year, sire Duke of Oakland, Chas. Rice, Rowan, Iowa 150.00
Martha Orange Blossom, two years, sire Prince Mysie, Thos. Waddell, Clarion, Iowa.....150.00
Nonpareil of Beaver Creek, four years, sire Baron Goldendrop, James Buckan, Clarion, Iowa.....155.00
Butterfly Duchess 3d, eight years, sire Logan, Chas. Rice.....150.00
Grace Darling, five years, sire Baron Oakmond, and c. c., L. E. Spencer.....102.50
Bracelet's Gem, three years, sire Philo

Hay, and h. c., A. Watkins, Eagle Grove, Iowa.....110.00
Maggie Marshall, five years, sire Baron Oakmond, and c. c., R. W. Brickwidge, Clarion, Iowa.....112.50
Puritan Maid, four years, sire Baron Oakmond, L. E. Spencer.....100.00
Annie Oakley, three years, sire Philo Hay, and h. c., A. Watkins.....120.00
Letitia, three years, sire Baron Oakmond, and b. c., C. J. Anson, Clarion, Iowa.....127.50
Julia, four years, sire Baron Oakmond, and c. c., Jas. Buckan.....110.00
Burlington's Mary, eight years, sire Favorite's Hope, and h. c., John Poundstone, Clarion, Iowa.....120.00
Almira's Alice, seven years, sire Columbus, D. Williams, Eagle Grove, Iowa.....120.00
Lucy of Lilac Hill, three years, sire Baron Oakmond, and h. c., Chris. Dawson, Clarion, Iowa.....105.00

BULL.

Grand Count, six years, sire Imp. Mer-ryman, Will Bell, Clarion, Iowa....140.00

SUMMARY.

43 females.....\$3,895.50; average....\$90.60
9 bulls.....625.00; average....99.45
52 head.....4,520.00; average....87.00

Oil Cure for Cancer.

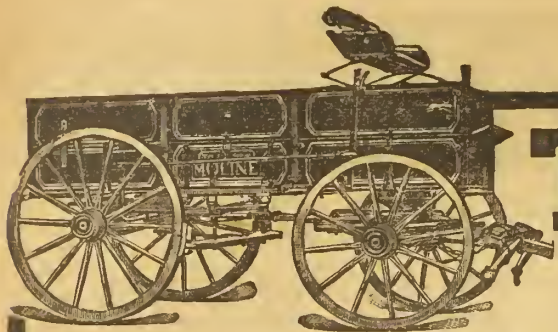
Dr. D. M. Bye's Combination Oil Cure is a recognized Cure for Cancer and Tumor. Beware of Imitators. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

With the introduction of the Manure Spreader quite generally in this western country, the condition of our soil plays an important part. The argument advanced by the Litchfield Mfg. Co., in their article on page 5 this week, explains why soft soil requires a different tread than the hard highways where the ordinary farm wagon is commonly used.

HOMESEEKERS.

Every Tuesday, October and November, via M. & St. L. R. one fare plus \$2 for the round trip to points in Minnesota, Dakota, Canada, tickets good twenty-one days. Also first and third Tuesdays, October and November to Montana, Washington, Oregon.

The M. & St. L. is "The Road that Runs" and trains leave Union Station, Des Moines, at 8:15 a. m. and 9:05 p. m. New electric lighted sleepers, all nice coaches. Call at City Ticket Office, 512 Walnut St., or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., Des Moines, Iowa.



This is The Moline THE IRONCLAD WAGON!

Built since 1854 in the largest exclusive Farm Wagon factory in the world, by machinery that does the work with such wonderful precision that each part fits the other with unfailing exactness. This enables us to produce the

Lightest Running Wagon Under Heavy Loads

The Moline has for its foundation the best woodstock that grows—all Hardwood. Selected Hickory for axles, doubletrees and singletrees, and white oak for the rest of the gearing and wheels. Yellow pine boards that are tongued and grooved for

the bottom of box; and we put in the sides the best lumber material obtainable. Now on top of all this we have reinforced every conceivable place on the wagon which is liable to wear with iron and steel protections, not of flimsy size, but with heavy plates.

which are so in evidence on the wagon throughout that The Moline has been called The Ironclad Wagon.

THE WONDERFUL BOOK

Pole—Reach—Hind Gear—Front Gear—Box inside and outside, all have special ironing everywhere. Our master mechanic has written a book, "How the Moline Wagon is Made Ironclad." It is FREE. Whether you want to buy or not, get the book! You will learn a whole lot more about wagons than you ever knew before. Write for it today. Address

MOLINE WAGON COMPANY,
MOLINE, ILL.

BRANCHES—Deere & Webber Co., Minneapolis; John Deere Plow Co., Kansas City, St. Louis, Omaha, Dallas, New Orleans and Portland, Indianapolis and Baltimore.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

PASTURAGE—LOSS OF CATTLE.

A Subscriber, Zeating, Iowa.—On the 1st of May A put seventeen head of cattle into B's pasture at sixty-five cents a head per month. B agreed not to take any more cattle to pasture, but he did take other cattle. B told A there was no use to brand his cattle, so they were not branded. The next day after they were put in the pasture, two of them came back, but A did not take them, and B did not come after them. A and B did not see each other for three months. When A went after his cattle there were only fourteen of them in B's pasture. (1) Who must bear the loss? (2) How will the value of the missing cattle be fixed?

Answer—(1) If A can prove that the loss of the cattle was caused by the wrongful act of B, or by reason of B's carelessness or negligence, then A can recover from B the value of the lost cattle—otherwise A must bear the loss.

RIGHTS ON THE ROAD.

A Subscriber, Marshall county, Kan.—(1) I have set out young trees along the fence in the highway where it passes through my land. I have a neighbor who turns his live stock loose in the highway and they injure and destroy the young trees. Is there any way by which I can compel him to keep his stock off the highway? (2) Does a land owner have a right to say what trees and grass shall grow on the roadway to the middle of the road, where it runs through his land?

Answer—(1) It depends wholly upon your county commissioners. The law gives the board power at any session to direct by an order what animals shall not be allowed to run at large within the county, and provides that any person injured in property by animals running at large in violation of the order of the county commissioners shall have a lien on such animals for the full amount of damage done by them without reference to fences, and may take such animals into his possession and retain custody of them till the damages be paid, provided he sues the owner for such damages within five days. (2) Not quite so strongly as you put the question. The land owner owns the road, but he owns it subject at all times to the right of the

public to use it as a road, and he must not in any way impair such right.

LAND AGENT—COMMISSION.

A Missouri Subscriber—I own a house and lot in a Missouri town. A party has been wanting to sell it for me. I made an oral agreement with him that I would take a certain price, net to me, if he would bring a man to me, but I reserved the right to sell to anyone. The man to whom the agent was trying to sell, came to me and asked what I would take for the property, and I told him the same price I had told the agent. In case I sell to him, can the agent recover commission?

Answer—It is doubtful. Indeed it is doubtful whether any contract ever existed between you and the agent. If it did you have missed stating it, and leave us to guess at it. If you had any real contract with the agent, and he sent you a purchaser, you ought to pay him a commission.

FORECLOSURE OF MORTGAGE.

A Subscriber, Roberts, Wis.—A bought a piece of land, and gave B and C mortgages on it. If A fails to pay the interest, how long can he live on the place before B and C can foreclose the mortgages? (2) How long can A live on the place after the mortgages are foreclosed?

Answer—(1) If there is a power of sale contained in the mortgage and conditioned upon payment of interest, it would require six weeks' notice published in a newspaper and also service of notice upon the mortgagor before a foreclosure by sale could be effected. Meanwhile, of course, the mortgagor could occupy the place. (2) After a mortgage is foreclosed the mortgagor is allowed one year in which to redeem the place by paying the amount, interest costs and expenses. Meanwhile he may remain on the place.

HIGHWAY BY ADVERSE POSSESSION.

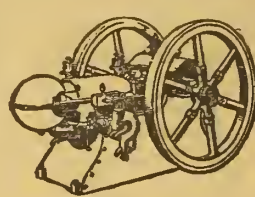
Mr. X. Y. Z., Williamsburg, Iowa—A and B live on opposite sides of the public highway. This highway has been established and used for more than thirty years. A sold part of his land and the purchaser, C, had it surveyed and laid out in town lots. In making this survey, C found that the public highway was over on his ground ten or twelve feet. The accompanying diagram shows the situation. The solid lines show where the road actually is, the dotted lines show where C thinks it ought to be. No one has ever before questioned the location of the road. Has C a right to move his south fence out onto the road to place indicated by dotted line and compel B to move his fence south a like distance, which will destroy B's lawn in front of his house?

Answer—C has no right to move his south fence out into the road, nor can he compel B to move his fence. The fact that the road has been used by the public

A's LAND

PURCHASED FROM A

B's LAND



Lightning Gasoline Engine

STATIONARY AND PORTABLE 2 TO 25 H. P.

NEW PLAN FOR COOLING CYLINDER.

REDUCES WATER TANK TO A FEW GALLONS.

SEND FOR CATALOG.

SPECIAL FARM ENGINES

KANSAS CITY HAY PRESS CO., 126 Mill St., Kansas City, Mo.

that adjacent land owners cannot now change it, no matter whether the lines are according to the original survey or not.

ROAD SUPERINTENDENT.

Mr. F. E., Rodney, Iowa.—(1) What are the duties of a road superintendent in Iowa? (2) The trustees wish to have a piece of road fixed in a certain way, but the superintendent knows that such a way is not the best way to fix it. Is the superintendent required to yield to the trustees in such a case?

Answer—(1) To oversee, subject to the direction of the board of township trustees all or any part of the work on the public roads of the township, as the trustees may designate. (2) The road superintendent is required by law to yield to the explicit direction of the board as to the manner of repairing the roads. The board is provided with a very efficient way of enforcing its authority, for the law provides that no contract shall be made between it and the superintendent without reserving the right of the board to dispense with the services of the superintendent at its pleasure.

STALLION SERVICE.

Mr. T. T. Hayne, Port Arthur, Texas.—A and B together own a stallion. C asked B how much they charged for a colt from the stallion. B said \$20, so C bred a mare to the horse. He sold the mare to D, who was to pay for the colt if the mare had one. The mare had a colt, but it died without standing or sucking. E bred a mare to the same horse, and his colt died, and E bred the mare again and got a live colt. A and B marked E's dead colt off the book and collected \$20 from him for the live colt. They also collected \$20 from D for the colt that died. Had they a legal right to do so?

Answer—You have confused your mind on this matter by bringing E and his mare into it. They have nothing whatever to do with the transaction between the owners of the stallion and C. That agreement stands alone. Nothing was said concerning the matter of the colt standing or sucking. It was to be \$20 for a colt. The mare had the colt. What caused its death does not appear. From the facts stated, A and B were entitled to the \$20.

DEED IN ESCROW—LEASE.

A Subscriber, Mason City, Ill.—(1) If a deed be placed in the hands of a third party to be by him delivered to the grantee after the death of the grantor, is it valid and legal? (2) Is a written farm lease good for the full term in case the landlord should die before its expiration?

Answer—(1) The deed is legal and delivery of it by the third person to the grantee after the death of the grantor, will vest the legal title to the land in the grantee. (2) It is.

A Subscriber, Adair, Iowa.—This correspondent is an old soldier who has served in the civil war and in the war with Spain. He has become entangled in a controversy with the commissioner of pensions, about medical examination. He has been ordered to report to a board of medical examiners a number of times, and is getting tired of it. He is drawing a pension. He wants to know what will happen to him if he neglects to obey

TRY THIS MILL

10 Days Free.

I will send any responsible farmer one of

DITTO'S

Latest Double Cut, Triple-Geared Ball-Bearing

Feed Grinders

On Ten Days Trial—No Money In Advance.

If it does not grind at least 20% more ear-corn or other grain than any other two horse sweep mill made, send it back at my expense. Don't miss this offer. Ball-bearing throughout. Only 10 ft. sweep. Light draft. Grinding rings never touch each other—they last for years. Both grinders revolve, self-cleaning. Ask for new Catalogue, G. M. Ditto, Box 12 Joliet, Ill.



HUSKER'S CORN MEAL

Contains Something More Than
Mucilage and Water.

It is made especially for corn-pickers. No blisters, no soreness, no swelling, no cracks, no rough hands if freely used before commencing to husk. If your dealer hasn't it, send 50c, and get the kind that

'Makes Huskin' Easy'

JOEL CAGWIN,
Ames, Iowa

DO HEAVY JOBS EASY

Butcher, lift hay, wagon boxes, swing injured animals, stretch wire, do scores of heavy jobs alone, with that greatest of steel farm tackle the

Burr Self-Locking Block

It locks and holds at any point; grips solid on wet or greasy rope; unlocks instantly. Can't break; lasts a lifetime. Can't cut rope. Works flat or upside-down. Ask your dealer for it or send direct to us. Circular free.

The Burr Mfg. Company
138 Viaduct,
Cleveland, Ohio.

AGENTS WANTED For Mend-a-Rip

Greatly improved. Better than ever. Does all kinds of light and heavy riveting and stitching. Saves time and money many times a year. A perfect Hand Sewing Machine and Ripper combined. Notice the Automatic Spaces which make work, even stitching. To show it means a sale. Agents make \$3 to \$15 a day. One agent made \$20 first day and writes to hurry machines to him. Write for special agent price. J. B. Foote Foundry Co. Dep. 432 Fredericktown, O. (The Great Agents Supply House)

the orders of the commissioner. We do not feel equal to the task of advising this inquirer. If he thinks he can disregard the orders of the commissioner of pensions with safety, we cannot help him with advice.

NOTE—MORTGAGES.

A Subscriber, Farmington, Iowa.—(1) I own forty acres of land. On account of bills on the east side of it a public road runs diagonally across the tract. Am I required

(Continued on page 18.)



By Howe Weight

That's absolutely correct. Scales standard the world over. Steel frame, Compound beam, ball bearing, non-binding. For over 50 years the Howe has been the leading farm scale. Better to-day than ever. Call for the proof. It's ready.

HOWE SCALE CO., OF ILL.
50-52 Lake Street, Chicago, Ill.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

A BOOK ON FORESTRY.

Prof. Filbert Roth of the forestry department of the United States government has recently written a work entitled "First Book of Forestry." This shows how soils affect the variety and character of timber; the affect of moisture on timber; what cold and heat do for the woods; how forests are protected against elements and animals; estimating and measuring timber; pasture value of timber land, etc. It is illustrated throughout and makes an attractive book to add to any farm library. It is published by Ginn & Co., of Chicago, Ill.

Winter Protection for Strawberries.

Throughout the corn belt strawberry vines need winter protection of some sort. This is true, whether the plant is for home use only or on a commercial basis. However thrifty and strong the vines are in the fall, one can have no assurance that they will live through the winter and be in condition to bear a crop unless they have had protection of some kind through the winter and early spring.

Protection is needed for two purposes. The first is to prevent killing by excessive freezing. This is not the principal one, however, as especial attention is needed to prevent loss or damage from the alternate freezing and thawing in early spring. Many do not cover their vines until February. While this is better than not to cover at all, it is always commendable to get the plants under protection of some kind in early winter. The covering is then well packed and in good condition so that it will not be blown off in the early spring when covering is so essential.

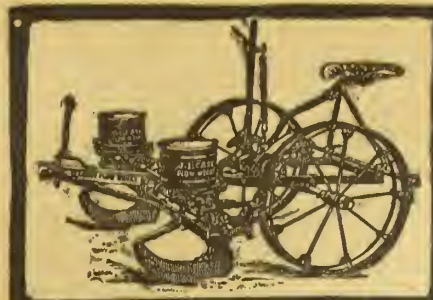
Many materials are used for covering strawberry plants; among them may be named in order of preference, straw, slough grass, sorghum, corn stalks, manure, etc. The most satisfactory covering is clean straw. Oat straw is most generally used, because it is most common. It is rather fine, however, and I believe that wheat or rye straw would be, on the whole, more satisfactory. One thing must be looked to, where straw is used, and that is to be sure that it is free from the seeds of troublesome weeds. A fine and clean-kept berry bed is often made very foul by having weed seed planted in it from the winter covering.

Slough hay makes a very satisfactory covering where it may be had, but as it is rather coarse and is apt to give trouble, it is hardly as desirable as straw. In many localities where neither straw nor slough grass may be obtained in sufficient quantities, something must be planted to use in their place. Sorghum and corn are most commonly used. The seeds of either are sown thickly in August and cut just before heavy frosts. Their use is not practical in this locality, however, as

Porter's "Meadow King"
Hay Carrier

Has wide open mouth, with swinging fork pulley. With this Carrier you can fill the mow closer to the roof of barn than with any other Hay Carrier. The throat of the Carrier has a very large opening, which permits the pulley to approach with a swinging load, and the load can swing in either direction when locked in the Carrier.

J. E. PORTER COMPANY, OTTAWA, ILLINOIS

J. I. Case
Round Hole Plate
Runner Planter

You know that a planter is one of the most important implements you buy-- because "half the crop is in the drop." A good planter means every inch of ground utilized right. The new planter makes this possible. The view which we show opposite gives you only a slight suggestion of the plate. The newly perfected and patented principle is not shown-- it could not be shown in an illustration. It is this hidden mechanism which guides the kernels and prevents a more or less number than you desire leaving the hopper. Ask any dealer to show and explain it to you.

To anyone interested we will gladly furnish a complete description for the asking-- also our catalogue of the entire J. I. C. line including the Single Disc Planter and the Edge Drop Planter which forms the strongest combination of planters made by any one factory.

FREE Farmer's Encyclopedia

Simply tell us what implements you will need the coming season, enclose ten cents for packing and postage, with the name and address of your dealer, and we will send you this most valuable book of 146 pages, bound in cloth. Write to-day. Address:

J. I. Case Plow Works,
Dept. M22 Racine, Wis.

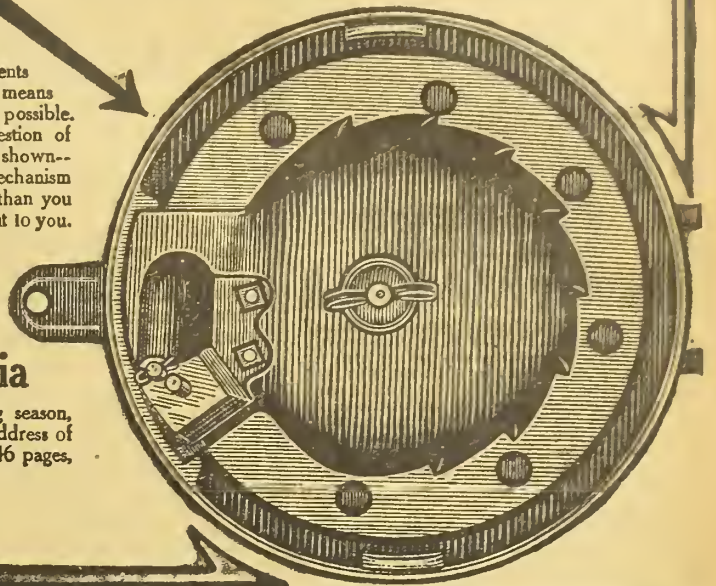
99 in every 100 Perfect

Here is the latest J. I. C. triumph in planters-- the J. I. Case Round Hole Plate Runner Planter. Test after test has shown 99 per cent accuracy. This is a record unsurpassed by any other planter ever built-- edge drop or round-hole. And remember, the J. I. Case Edge Drop Planter is regarded by thousands of farmers as being almost perfect.

If you are interested in planters-- see the regularity of it's work.

Watch it drop 99 hills out of every 100 positively perfect.

Sometimes it runs a thousand drops without a miss. Did you ever see or hear of anything like that? But don't take our word for it-- see the planter at work for yourself in the store of any J. I. Case agent.



the materials above named are more satisfactory and generally easily obtained.

Inexperienced persons usually consider manure the most satisfactory covering and often destroy their plants by giving them a heavy covering of this kind. Manure should never be used when anything else can be obtained, and if its use is necessary that which is put on should be as coarse as possible and should be used sparingly. Strawberries do not need a heating protection; all they need is something to keep the temperature even and prevent sudden changes.

In practice the time to cover strawberry vines is as soon as the ground is frozen sufficiently to hold up a loaded wagon. The load is then driven along the rows and the covering distributed to a convenient distance on both sides of the wagon. A thick covering is not necessary. Experience teaches one to do the work right, but as a venture I would say that three tons to the acre would come as near being the proper amount as any other figure that could be named.

The covering should be left on in the spring until the vines have begun to grow beneath it, but must be removed before the leaves have turned white. In removing the covering the men go upon the field with their pitch forks when the covering is just a little damp and scrape it from the rows into the paths between. Some of the covering should be left over the vines, as much as the leaves can make their way through. This serves a double purpose. It prevents the soil from drying out and protects the berries from the dirt at ripening time. It is a mistake to remove any of the covering from the ground. When left in the paths it prevents them from being packed down by the pickers and serves in a very great measure to retain moisture. This fact, of small importance as it may seem, often means the difference between a large and a small crop at picking time. Franklin Brown.

The Reece Chester White Sale.

The sale of Mr. L. C. Reece, at Prescott, Iowa, on October 22d, attracted more Chester White breeders than any sale of the kind for a long while. While no very high prices were realized, nevertheless it was one of those very even sales, and the fifty head brought up an average of \$24. It has been a long while since a better bunch of Chester Whites were run through one sale ring. The quality of the offering was decidedly high class, and they were well fitted. The high price was \$15 for the sow, Marie, and she went to Mr. W. A. Hoover, of Oskaloosa, Iowa. Breeders from a distance who were unable to be present and knew the character of the offering sent bids and on the whole it was one of the good sales of the year. Col. Geo. P. Bellows cried the sale and was assisted by Col. Will Piper, Corning, Iowa, and Col.

A SWEET CHESTNUT TREE

To get this valuable "Blizzard Belt" Chestnut quickly introduced and at same time gain new friends, we offer to send a Hardy Sweet Chestnut tree 1 year old, entirely Free to a limited number of property owners not already our customers. Mailing expense sets which send or not as you please. A postal will bring the tree. Our Catalog containing 64 colored plates of our "Blizzard Belt" Fruits, Ornaments, Evergreens, etc., and a mine of valuable information for fruit-growers is free. Write today.

The Gardner Nursery Company, Box 709, Osage, Iowa.

J. West Jones, Lenox, Iowa, and Col. F. P. McAdoo, Indianola, Iowa. Below is a list of those selling for \$20 and above:

Lot.	Price.
1. Boar, Frank Lamberts, Red Oak, Iowa...	\$31
2. Boar, Tom Cleary, Clearfield, Iowa...	27
3. Boar, S. H. Bassett, Corning, Iowa...	26
4. Boar, W. D. Norris, Kent, Iowa...	29
5. Sow, M. W. Miller, Corning, Iowa...	29
6. Sow, John Cleary, Clearfield, Iowa...	25
7. Boar, J. W. Brayton, Clearfield, Iowa...	21
8. Boar, H. B. Hardin, Corning, Iowa...	21
9. Boar, B. Icke, Lenox, Iowa...	26
10. Boar...	21
11. Sow, M. W. Miller...	27
12. Sow, W. A. Hoover, Oskaloosa, Iowa...	28
13. Sow, M. S. Miller...	24
14. Sow, G. L. Jackson, Prescott, Iowa...	37
15. Sow, W. A. Hoover...	36
16. Sow, same...	75
17. Sow, E. W. Nelson, Greenfield, Iowa...	26
18. Sow, Geo. Rendecker, Lenox, Iowa...	28
19. Sow, Chas. Cook, Prescott, Iowa...	34
20. Boar, M. W. Miller...	22
21. Sow, T. J. Husted, Prescott, Iowa...	22
22. Sow, G. L. Jackson...	26
23. Sow, Chas. Cook...	25
24. Boar, F. P. McAdoo, Indianola, Iowa...	35
25. Boar, N. W. Wolfert, Clearfield, Iowa...	21
26. Boar, E. W. Powers, Cromwell, Iowa...	27
27. Sow, G. L. Jackson...	24
28. Boar, J. E. Woodale, Atlantic, Iowa...	35
29. Sow, Frank Pullman, Silver City, Ia...	24
30. Sow, John Cramer, Beatrice, Neb...	30
31. Sow, Dooley & Son, Casey, Iowa...	27
32. Boar, E. W. Nelson, Greenfield, Iowa...	27
33. Sow, M. W. Miller...	26

The Wabash offers the following opportunities for excursion rates:

The Dedication of State Monuments at Vicksburg, Nov. 11th and 12th, Chattanooga, the 16th and 17th, and Paducah for Shilo, the 19th and 20th, at exceptionally low rates and good limits. Via St. Louis is the quickest and best.

From Iowa, St. Louis is the logical gateway.

Homeseekers' tickets to nearly all points, first and third Tuesday, at low rates. Through service from Des Moines to Union Stations at Kansas City and St. Louis.

Address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., Des Moines, Iowa.

ONE WAY SETTLERS' RATES.

To points in Nebraska, eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

NEW CROP
IOWA GROWN
Clover
Recleaned Seed.
Ask for prices if you wish to buy now. No matter whether you want to buy or sell it will pay you to write us.

IOWA SEED CO.,
DES MOINES, IOWA

MONEY SAVING
CLUB OFFER.

Greatest Weekly - The Breeders' Gazette
Greatest Daily - The Chicago Live Stock World
BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address, Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

Do You Stammer?

MAKE arrangements to attend our school this winter and correct your defective speech. We give each one individual attention and cure each case to stay cured. Moderate terms. Write today.

NORTHWESTERN SCHOOL FOR STAMMERERS,
1022 15th Ave., S. E., Minneapolis, Minnesota.

WANTED--A BRIGHT MAN with light team, as salesman in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Tea Co., Box X, Winona, Minnesota.

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits--Black Ben, King David, Delicious, etc.--Stark Bro's, Louisiana, Mo.

TREE MEN WANTED To represent us in Iowa and adjoining states. Good winter's job and steady employment for 200 honest hustlers. Outfit free. Liberal terms. Pay weekly. Reference required.
Des Moines Nursery Co., Des Moines, Iowa.

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. N. H. Adams & Son, Decorah, Iowa.

HISTORIC BOSTON Souvenir Cards, 3 for 10c, 10 for 25c postpaid. Boston L. & Printing Co., 116 Bedford St., Boston, Mass.

USE our Loader for hauling
Hawkeye Co., Ia. City, Ia.

CORN FODDER
When writing please mention this paper.



A Moulting Hen Needs a Tonic

Shorten the non-productive moulting period—hasten the return of normal vigor in the hen, and be ready to reap a harvest while the rest of "hendom" are still shedding feathers. A daily use of Dr. Hess Poultry Pan-a-ce-a will help you do it. It is a perfect aid to digestion and causes the maximum amount of food to be assimilated and hens to become profitable layers throughout the winter.

DR. HESS Poultry PAN-A-CE-A

is a scientific tonic, the prescription of Dr. Hess (M. D., D. V. S.) and the result of experiments conducted by him in his own poultry yards. It contains just the elements to make the hen in confinement as natural as she would be at liberty. It cures, cures, cholera, roup, indigestion, etc. Poultry Pan-a-ce-a has the endorsement of leading poultry associations in United States and Canada. Costs but a penny a day for 30 hens, and is sold on a written guarantee.

1 1/2 lbs. 25c., mail or express 40c.
5 lbs. 60c.
12 lbs. \$1.25.
25 lb. pall, \$2.50.
Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK,
Ashland, Ohio.
Instant Louse Killer Kills Lice.



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More than your money's worth in incubators during the summer. We have them all beat; 40, 60 or 90 days to prove it. 5 year Guarantee. Now is the time to write to M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

IT CURES ROUP

AND other poultry diseases. Cholera, cauker, inflammation of the throat, frosted combs, chicken pox and gapes. That is what Morris' Antiseptic Amalgamation will do. This great poultry remedy is guaranteed. Wanted, one person in each community to try it. Also agents. Write Jos. Morris & Son, Mfgs., Montezuma, In.

POULTRY.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM, Box 253, Audubon, Iowa.

Rose & S. C. Brown Leghorns

COCKERELS, hens and pullets, \$8 and \$10 per doz. Indian Runner Ducks and Buff Cochins bantams. MRS. WILL MICHAEL, - SELMA, IA.

WHITE ROCKS—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. Bulus H. Flanagan, Pleasantville, Iowa.

SILVER LACED WYANDOTTES.

EGGS in season \$1.00 for fifteen. Buff turkey eggs \$3.00 for nine. Birds all sold. Wayside Farm, Mt. Vernon, Iowa.

UPLAND Poultry Farm stock for sale from L. L. Brainins, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, In.

WHITE Wyandotte cockerels for sale from birds scoring 94 and 96. These birds are farm raised. Write for prices. W. F. Kilpatrick, Harlan, In., R. 6.

SPECIAL sale this month Embden, Toulouse and White China Geese, Aylesbury and Pekin ducks. Dawson Bros., Box 11, Leesville, Wis.

BARRED Plymouth Rock and Rose or Single Comb Rhode Island Red cockerels one dollar each. G. Welsner, Humboldt, Iowa.

SINGLE Comb Brown, White and Buff Leghorn cockerels for sale at 75c each, from pure winners. F. E. Garrett, Lohrville, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings. \$1.50 to \$3 each. Mrs. L. M. Estes, Audubon, In. Route 2.

DOGS.

AN EXTRA FINE BUNCH OF COLLIE PUPS from working parents. The kind that pays to raise. Pedigree furnished. Address, Leroy A. Huys, Rural Free Delivery No. 7, Knoxville, Iowa.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATS! My Scottish Terriers will make them quit. Very fine female puppies from recorded parents for sale. S. W. Harr, Riverside, Iowa.

FOR SALE—Five registered Scotch Collie females, bred or open at snap prices. Address, A. H. Gerot, Riverside, Iowa.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

DRY-FEEDING POULTRY.

Wet feed has had its advocates until the practice of feeding it has reached the zenith. There always have been and probably always will be those who will keep on feeding wet and sloppy feed to poultry. We have advocated the semi-soft food, a food with about all the moisture taken out, except enough to simply hold the particles together. Experiments that have been conducted at the various stations have proven that the very wet feed has but little advantage over the dry when the same care of providing a variety is observed. Variety seems to be the thing needed, and in supplying this some poultrymen are of the belief that they should do the mixing. A writer in the Irish Farming World describes a method of dry-feeding that is practiced by a successful breeder and feeder, as follows: "We give the chicks a mixture of assorted grains, and grit of about the size of a pin head, for their first food. With a dish of beef scraps standing constantly before them, and the fine-ground food thrown in litter, with plenty of green food (cabbage and green grass) they have an inducement to scratch from sunrise to sunset, and they take the food slowly and naturally. With the best scraps always within reach, they at no time crave more animal food, their systems rapidly adapt themselves to the season of plenty, and nature constructs a body planned for a continuation of this same diet, namely, good, thick, strong leg and frame, and a chicken that looks ready to eat at any stage of the game—long-bodied, short-legged, hardy, 'born-to-live'-looking fellows, free from all the ills and pains of chickendom, and fit to wrestle for a living through thick and thin, through good weather and bad, so long as the food holds out. When they reach the age of six or eight weeks, we gradually wean them from the small grains and substitute cracked corn and wheat, place them in colony coops on grass range and soon discontinue the wheat, feeding cracked corn and beef scraps in hoppers, feeding once a week or oftener, as the size of the hopper and number of chicks demand. These food hoppers should be made quite high in front, three inches at least, as the birds are always trying for the larger pieces of beef scraps, and with a low front to the tray of the hopper they waste quite a little by throwing it out with their bills. The hoppers should be covered with waterproof paper to prevent the food becoming wet if they are placed outside the roosting coops. An excellent plan is to have a small 'shelter' to put the food hopper under; this will protect it from the rain and give the birds shelter also—a double advantage. This system continues until the sexes are separated, and then we place the males in temporary yards sufficiently large so the birds never eat them bare of grass. Putting the cull cockerels which we intend to market in pens by themselves, we compound a mixture of equal weights of corn, wheat, oats and barley, ground as fine as flour, if we can induce the miller to reduce it to that fineness, feed it dry and continue the beef scraps as before. This method of feeding market cockerels has given us fatter chickens than we have ever been able to produce by any other method."

The Townsend Short-horn Sale.

The closing out sale of Mr. C. E. Townsend, at Anita, Iowa, on October 25th, proved to be one of the attractions of the season and quite a few of the best breeders were on hand to look after the good things. Victoria Princess 3d topped the female offering at \$310 and was purchased by that well-known firm of Owens Bros., of Homestead, Iowa. Iowa Mysie and cow calf went to Mr. Frank Robinson, of Anita, Iowa, at \$235, and Mr. C. A. Saunders, of Manilla, Iowa, secured Canute's Orange Lassie 2d, a daughter of old Canute, at \$275. Messrs Owens Bros., of Homestead, Iowa; D. J. Cronin, O'Neill, Neb.; C. A. Saunders, Manilla, Iowa; G. A. Bonewell, Grinnell, Iowa, and Frank Robinson, Anita, Iowa, were the leading bidders on the she stuff and secured the cream of the cows and heifers. The old herd bull, Sovereign Cupbearer, was purchased by Mr. J. G. McGee, of Woodburn, Iowa, at \$175 and was a splendid bargain at that figure. The average on the entire sale was \$135, making it one of the good sales of the fall season. Below is a list of those selling for \$100 and above:

COWS.

Emily T., three years, and c. c., S. S. Hall, Pender, Neb. \$150
Victoria Princess 3d, six years, Owens



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Here is a book—yours for the asking—which should be in the hands of every progressive farmer in America. From cover to cover it is brim-full of facts of vital importance to you. It comes from the greatest independent telephone house in the world—the house that has been most instrumental in bringing the blessings of the telephone to hundreds of thousands of farm houses all over the land. It shows you how simple and easy and inexpensive it is to own a

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system—a system that is a money-saver every hour in the day—a convenience and comfort you shouldn't even try to do without, and a protection against sickness, robbery, danger and fire that pays back its trifling cost over and over and over again. You owe it to your business and your family to get this book at once and read every line in it. Your letters will get personal attention and you'll have the help of experts from this great factory in every move you make toward owning a telephone. Sit right down now and say: "Send me your 52 page booklet G12 'How the Telephone Helps the Farmer.'"

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CHICAGO, ILL.

A Knox Big Grinder

Will Make \$6.00 a Day for You



THERE'S nothing like it for a neighborhood feed grinding proposition.

You know lots and lots of your neighbors grind their feed—rather they take it to the custom mill and have it ground.

If you have a fast grinding mill like the Big Knox you can get nearly all that trade that passes your place.

No trick at all to get it if you go after it, and can take care of it. They pay the town miller 3c to 5c a bushel. You might as well have that.

Mr. B. C. Bennett, Ashawa, Iowa, writes: "I can grind 50 bushels shelled corn per hour with my Knox Big Grinder. Made \$6.00 in 5 hours grinding for my neighbors."

You or anybody else can grind your 50 bushels an hour—easily.

Just figure a little. Suppose you charge the lowest price, 3c a bushel. That's \$1.50 an hour. Grind 4 hours, and you've made your \$6.00.

The neighbors will easily keep you busy that much of the time. And the four hours don't break into your day so very badly either.

Western Harness and Supply Co., Box 53, Waterloo, Iowa.

Promises don't hatch eggs

When you read the guarantee of some incubator manufacturers does it ever occur to you that such guarantees are of little value?

When you buy an incubator you want a machine to hatch chickens—you don't want a machine that you must return after the hatching season is over.

YOU DON'T WANT TO WAIT ANOTHER YEAR

before you reap the profits of the chicken business.

Buy an Incubator like the "QUEEN," that is right to start with, and you won't need a guarantee—take the "QUEEN" on your own terms, we stand behind it.

Our Free Catalogue tells the difference between Success and Failure in hatching strong, healthy chickens—send for it.

PINKERTON MANUFACTURING CO.,

1027 North 14th Street, LINCOLN, NEB.

Bros., Homestead, Iowa. 310
Lulu, three years, and c. c., Chas. McDermott, Wiota, Iowa. 150
Madge, one year, Frank K. Robinson, Anita, Iowa. 140
Anita Queen, one year, Owens Bros. 100
Canute's Orange Lassie 2d, five years, and c. c., C. A. Saunders, Manilla, Iowa. 275
Butterscotch, two years, Chas. Robinson, Anita, Iowa. 260
Orange Blossom of Brookside, five years, and c. c., Owens Bros. 220
Victoria of Brookside, five years, and b. c., G. A. Bonewell, Grinnell, Iowa. 250
Brookside Orange Duchess, five years, C. A. Saunders. 155
Thelma, three years, and b. c., D. R. Arrahood, Earlham, Iowa. 200
Daisy, three years, D. J. Cronin, O'Neill, Neb. 125
Brookside Orange Lassie, six years, and b. c., Owens Bros. 170
Iowa Mysie, and c. c., Frank Robinson, Manilla, Iowa. 285
Mollie Ann, and h. c., Douglas Wilburn, Anita, Iowa. 130
Lassie, eight years, and c. c., Sherman Winchel, Anita, Iowa. 180
Queen of Brookside, five years, Geo. Mc-

Dermott, Anita, Iowa. 160
Tiny Bee, eight years, and c. c., Carl Millard, Anita, Iowa. 100
Miss Dido, six years, and h. c., Owens Bros. 110
Roan Beauty, four years, John Robinson, Anita, Iowa. 105
6th Nonpareil, six years, and h. c., A. Z. Scott, Massena, Iowa. 170
Alice, six years, and h. c., C. A. Saunders. 165
Harriet R., four years, J. E. Robinson, Anita, Iowa. 100
Alma of Brookside, two years, D. J. Cronin. 210
Golden Orange Girl, seven years, John Robinson. 100
Lily, eight years, Sherman Winchel. 100
BULLS.
Schley 251874, one year, D. J. Cronin. 150
Victoria Prince 251876, one year, A. Z. Scott. 125
Sovereign Cupbearer 17431, five years, J. G. McGee, Woodburn, Iowa. 175
Crimson Count 254377, one year, F. H. Traller, Marne, Iowa. 160
Flora, and b. c., seven years, F. H. Traller. 155
Yearling hull, Owens Bros. 145

Lump Jaw

The first remedy to cure Lump Jaw was

Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in

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25% of cures made by 2 bottles.
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Price, postpaid, 50 cents.
Treatise free upon application.

CLOUSE & STAMM, Chemists,
228 S. STATE ST., GENESEO, ILL.

"I cured eight horses of fistula with the above remedy."
Norman Shearer, Supervisor of Manson Township, Geneseo, Ill.,
May 19, 1906.

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KEYSTONE DEHORNER is used. It cuts from four sides at once; makes a sliding, sharp shear cut. Any stockholder can do it easily. No crushing or splintering of horns or tearing of flesh. Done in 2 minutes. Send for free booklet. M. T. Phillips, Box 38, Pomeroy, Pa.



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VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

DIABETES—LAMENESS.

(1) Please tell me what to do for my three-year-old gelding. He passes or tries to pass urine very frequently, seems to be weak and without ambition. (2) Have a colt that was three years old last May. The fall before he was broken he got lame while running in the pasture. Could not locate lameness then. This spring when I began to work him he continued lame and two small lumps appeared on front ankle at opposite sides. He is now quite lame and is sore in ankle. Horsemen here say it is not ringbone. There is no veterinarian here. I used liniment last spring without effect. Please advise.

(1) See that hay is free from mold, as such hay is the most common cause of a trouble such as you describe. Avoid hard water if it is possible to provide soft water. Allow flaxseed tea as a drink in preference to hard water. Give one ounce of sirup of iodid of iron night and morning in half pint water as drench. Increase to three similar doses daily if found necessary. (2) Clip hair from joint and blister with cerate of cantharides and repeat in three or four weeks if necessary. The enlargement, if bony, may be "osslets."

RHEUMATIC ARTHRITIS.

My hogs are five months old and are running in small lots of ten to about one-fourth acre of ground and have dry board floors to sleep on. Have been feeding corn, seven parts, barley, two parts, and oil meal, one part, also fed considerable skim milk. The pigs go lame on one front foot; the knee swells to nearly twice its size, and they do not seem to get better or worse. Three of them have been this way for three or four weeks and remain just the same. Put one outside for two weeks, but see no improvement.

Apparently the pigs are afflicted with rheumatism affecting the joints, although the same condition might possibly have been brought on by bruising. On the basis that it may be rheumatism physic affected pigs with epsom salts and cut down ration to a light slop of middlings, milk and flaxseed meal. Three times daily give ten grains of iodid of potash in a piece of apple or potato and reduce to two doses daily as soon as pigs improve. Blister the affected joints by rubbing thoroughly with cerate of cantharides. See that sleeping quarters are dry and that hogs are kept out of wet.

SICK LAMBS.

I should like to find out what is the trouble with my lambs. They get sick and keep getting poorer every day until they die. The last two that died had their upper lips swollen and they had a very bad fever in their heads. One scoured with it, but the others did not. I have lost eight head now. Is there any cure for this trouble?

Open a lamb and determine cause of sickness which probably is worms. Recently we held a post mortem on a lamb similarly affected and found it infested by stomach worms, lung worms, tape worms and nodular disease of the intestines, also due to a worm. On general principles we would advise you to give each lamb a tablespoonful of gasoline in six ounces of milk and repeat in three or four days and again the following week, if necessary. As we do not know the size and condition of your lambs it might be wise to give a less dose to a few lambs and after gaining experience as to effects judge the proper dose for the balance. Also commence feeding generously upon a mixture of oats and bran along with the best of grass, hay, or other suitable food. Give a change of pasture.

GRAVEL.

I have been feeding twenty head of two-year-old steers on light feed since the first of May, 1906, and there are six of them that have something the matter with their sheaths. They have filled up so that the water comes dribbling away from them, and it seems to be getting worse. What is the cause and what is the cure?

This condition is comparatively common among feeding steers and is due to excess of lime salts in the urine. The bladder may contain gravel or there may simply be a collection of sebulous matter in the sheath. In such cases cleanse the sheath of collected substance by syringing with a warm 1-100 solution of coal tar disinfectant and by scooping with handle of small spoon or other instrument. When cleansed smear inside of sheath with an ointment composed of a dram of iodoform and two drams of boracic acid in two ounces of lard or lanolin or use benzoated oxid of zinc

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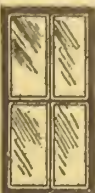
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Windows 62c Regular \$1.50



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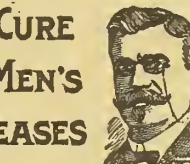
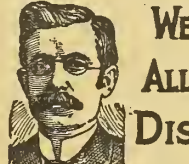
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MANUFACTURERS of all canvas goods, also Slickering, a waterproof dressing for all canvas goods.
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ointment if parts are sore. Give steers soft drinking water if possible and if trouble continues acidulate drinking water with hydrochloric acid. A couple of drams of the diluted acid given twice daily in drinking water proves effective.

WARTS.
I have a bay two-year-old colt that has a small wart over her right eye and two others on her neck. I first noticed them about two weeks ago. They are very small as yet, scarcely an eighth of an inch in diameter, but they seem to be growing larger. Will be glad if you can advise me through your paper if they will injure her in any way and what will remove them.

Wart on eyelid should be very carefully treated by applying glacial acetic acid drop by drop until part is saturated. To protect skin around wart rub in lard or vaselin before using the acid. Warts

on neck should be dissected out and the bases touched with lunar caustic to stop bleeding and prevent them from growing again. The warts will only prove a blemish if left alone.

CITY TICKET OFFICE, 512 WALNUT ST.
When you think about traveling call at City Ticket Office of the Minneapolis & St. Louis R. R. (in with the Wabash), at 512 Walnut St., where you will secure the best and latest information. Don't forget the M. & St. L. sells through tickets via St. Paul, over the Northern Pacific, Great Northern, Soo Line, as well as all northern routes. Trains leave Union Station, Des Moines, 8:15 a. m. except Sunday, and 9:05 p. m. daily. Solid through trains to Twin Cities. We are the SHORT Line to Minneapolis. Cafe car on morning train, serves dinner and supper. Night train has new electric lighted sleepers. All cars nice and comfortable. W. K. Adams, D. P. A., D. B. Ransburg, C. P. A., Des Moines, Iowa.

THE MARKETS.

Chicago, Oct. 27.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts.	Cattle.	Calves.	Hogs.	Sheep.
Sat., Oct. 20.....	1,710	31	8,735	1,317
Mon., Oct. 22.....	29,304	2,152	28,687	29,473
Tues., Oct. 23.....	7,287	1,410	21,831	24,986
Wed., Oct. 24.....	25,876	1,935	18,138	26,148
Thurs., Oct. 25.....	11,237	780	17,121	18,837
Fri., Oct. 26.....	5,301	773	14,185	7,669
Sat., Oct. 27.....	700	50	8,500	2,000

Total this week...	79,705	7,100	108,462	109,113
Previous week...	89,762	8,450	116,880	125,106
Cor. week 1905...	76,685	5,854	145,575	160,846
Cor. week 1904...	89,931	5,838	122,329	100,832

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Oct. 20.....	1,363	...	1,377	757
Mon., Oct. 22.....	6,639	24	5,321	4,206
Tues., Oct. 23.....	4,217	83	1,547	16,515
Wed., Oct. 24.....	4,991	49	3,365	7,623
Thurs., Oct. 25.....	6,672	135	2,831	10,546
Fri., Oct. 26.....	6,991	209	2,733	4,900
Sat., Oct. 27.....	800	...	1,000	1,000

Total this week...	30,310	500	16,797	44,795
Previous week...	34,105	1,075	19,879	45,556
Cor. week 1905...	29,984	593	21,030	69,113

OTHER MARKETS.

South St. Paul, Minn., Oct. 27.—Hogs—Receipts, 2,500; steady; light mixed, \$6.10. Cattle—Receipts, 1,000; dull and weak. Sheep—Receipts, 8,000; mostly through stock; market steady.

Kansas City, Mo., Oct. 27.—Cattle—Receipts, 1,000; nominally steady. Hogs—Receipts, 5,000; steady to 2½¢ lower; top, \$6.32½; bulk, \$6.25 to \$6.30. Sheep—Receipts, 600; consigned direct.

South Omaha, Neb., Oct. 27.—Cattle—Receipts, 400; unchanged. Hogs—Receipts, 3,500; steady to 5¢ lower; top, \$6.30; bulk, \$6.10 to \$6.15. Sheep—Receipts, 1,500; steady.

National Stock Yards, Ill., Oct. 27.—Cattle—Receipts, 1,000, including 400 Texas; quiet. Hogs—Receipts, 1,500; steady; top, \$6.40; bulk, \$6.25 to \$6.32½. Sheep—Receipts, none.

HAY AND STRAW MARKET.

Reported by Freeman Bros. & Co., Chicago, Ill.:

Timothy—Market continues firm and strong with higher tendencies for the "embargo" on the C. & N. W. and C. M. & St. P. railroads are in force, which lines supplied this market with fully one-half of its receipts. With the big source of supply cut off for an indefinite period and the consumption going on intermittently, at about sixty cars per day, it can readily be seen that as soon as cars now in transit arrive and are absorbed, which will not take long, values must move up sharply. Choice and fancy, \$16.50 to \$17; No. 1, \$15.50 to \$16; No. 2, \$13.50 to \$14.50; No. 3, \$11 to \$13; No. 1 clover mixed, \$13 to \$14.

Prairie—Choice Kansas, Okla., I. T., \$13.50 to \$14.50; No. 1, \$13 to \$13.50; Iowa, Minn., Neb., Dak., \$11 to \$12.50; Ill., Ind., Wis., \$7 to \$9.

Straw—Moderate arrivals continue and prices are firm; rye is selling at 50 cents a ton higher than last week. Choice rye, \$8.50; good, \$7.50 to \$8; wheat, \$6.50 to \$7.

CHICAGO MARKET LETTER.

In a letter dated October 26th, Messrs. Clay, Robinson & Co. quote the Chicago market as follows:

The cattle market has received a hard pounding this week, liberal marketing, poor beef trade east and the fact that recent high prices were on a rather unstable foundation combining to turn the tide, and values have sustained a slump of 35 to 50 cents from the recent high point. While the steadily decreasing supplies from the range country will probably help the situation out next week, the trade is not expecting any great advance, although part of this week's loss may possibly be regained. We quote: Choice to extra prime steers at \$6.60 to \$7.15; medium to choice steers, \$5 to \$6.60; common to fair steers, \$4.25 to \$4.75.

Receipts of butcher stock have been very liberal, but not much change in prices, except on medium to good grass heifers which are about 10 to 15 cents lower. Fat dry-fed cows and heifers have held steady and good canners and cutters have also sold at unchanged prices, while veal calves are 25 cents higher than the close last week; milkers and springers steady.

The market on stockers and feeders has sustained a decline of 10 to 15 cents on most classes. Good heavy feeders have been in good, active demand. This is also true of the better grades of light cattle.

Receipts of hogs, although not quite so large as last week, were plenty heavy enough for the trade and values are about 10 cents lower for the week, top today being \$6.52½, bulk of the good hogs selling at \$6.40 to \$6.50.

The lamb market is just about steady with a week ago, best natives selling today at \$7.65. Sheep have been in good demand all week and are 10 to 15 cents higher than a week ago. There continues to be a good, strong demand for feeding stock and the outlook is quite favorable on all classes. Receipts recently have included a good many warmed up western lambs from the corn belt feed lots, shipped back to market after a few weeks' feeding, and these have been hard sellers, as they are attractive to neither killers nor feeder buyers. Lambs of the right kind that are doing well on feed should be made reasonably fat before marketing and it will pay persons having such to keep them on feed long enough to accomplish this end.

We quote: Fair to good fat wethers, \$5.10 to \$5.65; fair to good fat lambs, \$7.30 to \$7.50; common to fair lambs, \$6.25 to \$7.10; good to choice feeding wethers, \$5 to \$5.15; good to choice feeding yearlings, \$5.40 to \$5.65; good to choice feeding lambs, \$6.50 to \$6.65.

The Week in Kansas.

To the Editor of The Homestead:

This has been a week of varied weather, according to the portion of the state in which you live. Last Sunday, for instance, the weather here in eastern Kansas was like a day in June, but out in the extreme western portion of the state, according to newspaper reports, it was snowing and sleeting. It hardly seems

LANDS AND HOMES FOR SALE.

PRESIDENT ROOSEVELT.

says: "Texas is the Garden of the Lord."

GREAT IS TEXAS

NO BETTER INVESTMENT PROPOSITION.

We say Amen! After having seen the lands of 14 agricultural states and 4 provinces of Canada, we think the lands south of San Antonio are the Center of the Lord's Garden. They are our specialty for homeseekers and investors. For free 32 page book of information on Texas, write or call on

INVESTORS & HOMESEKERS REALTY CO.

621 Hall Bldg. Kansas City, Mo.

480 ACRES

FINE, LEVEL LAND IN SAC COUNTY, IOWA, near market, close to first-class graded school; ten minutes walk to two fine churches, Presbyterian and Methodist. Excellent neighborhood. Improvements:—A well built, neatly finished, conveniently arranged, nine-room house with good stone basement; barn 48x48 in good condition; hog house 20x40; granary 30x40; corn crib 30x40; tool house 16x24; coal house, cattle sheds, and other buildings, etc. Inexhaustible supply of good well water with wind mills and tanks attached; two hog pastures of 12 and 35 acres, fenced tight; 2,000 tile put in recently; entire acreage well drained. Rented for the year 1907, at two-fifths crop. Possession may be had by paying tenant for fall plowing and a bonus of \$200. For sale at a bargain. Write

S. K. NOLAND, WATROUS BUILDING, DES MOINES, IOWA

FARMS FOR SALE

CLOSE TO KANSAS CITY

LOOK THEM OVER

96 ACRES, Leavenworth Co., Kan., all in cultivation except 25 acres in blue grass; fenced and cross fenced; good 7-room house, good barn; price \$4,500, cheap.

161 ACRES, NEARLY ALL IN CULTIVATION. Good land, 6-room house, barn, etc. A bargain at \$80 per acre.

178 ACRES, rich bottom, 155 acres extra choice, and level, corn, alfalfa and potatoes, 3 acres fine orchard, 8-room house; big barn, water works system. Price \$16,500. 95 acres extra good level bottom, 1½ miles from station, \$75 per acre. Write for particulars.

Allen Investment Co.

8th & Wyandotte Sts., Kansas City, Mo.

ATTENTION!

SHEEP BREEDERS!

Let us tell you something of what it means to be a SHEEP BREEDER or STOCK RAISER IN MICHIGAN. The great Chicago market is near by and freight rates are low. This means something to YOU. We offer 4,000 acres of first-class grazing land at a low price. Are YOU interested? If so, drop us a postal.

MICHIGAN LAND ASSOCIATION

MANISTEE, MICHIGAN.

PRAIRIE LAND

with some timber. Where can you get it except in Canada? Best for grain and cattle. Good climate. Five families in 1902, 600 families in 1905. Write us for map and description. Some Homesteads left. Join half-acre Extension. Cheap land on ten years time. Scandinavian-Canadian Land Co., 115 Washington Street, CHICAGO, ILL.

Two Mo. Farms For Sale

380 Acres: A desirable stock or grain farm in Montgomery Co., Mo., near the booming new town of Bellflower, on the Burlington railroad, 85 miles from St. Louis. This farm consists of 80 acres blue grass pasture, never was plowed; 50 acres new meadow; 70 acres sowed in wheat; 20 acres feed lots, etc., about the buildings; 110 acres pasture, of which 20 acres is timber; 40 acres detached timber coal land. All except the last 40 is fenced, mostly with hog fence into 7 fields. 320 acres is first-class prairie land in a high state of cultivation. There are several ponds, two good cisterns and one living well. The buildings consist of a 1-2 story dwelling, frame, of 7 rooms, 2 bells, and porch; a large barn 44x59; a 2 room tenant house, ice house, cellar house, and other out buildings, some fruit; telephone with splendid connections in house; daily mail, R. F. D. A bargain at \$45.00 per acre.

308 Acres: A first-class stock farm in Audrain Co., Mo., about ten miles from both the Wabash and C. & A. railroads, and eight miles from the Burlington. 308 acres fine prairie land, 115 well; 60 acres is somewhat broken blue grass pasture land, with some timber extending from prairie to creek; and 40 acres good bottom land, in pasture, mostly blue grass. This farm is all under fence and subdivided into seven fields. The prairie is all fine plow land in a good state of cultivation, of which 88 acres is wheat stubble down to timothy; 40 acres corn stubble; 30 acres meadow; 40 acres in corn; 10 acres in pasture and lots about out buildings; a good one and one-half story 5 room frame house; barn 36x40; good cistern, good pond, a running stream through farm; some fruit; daily mail R. F. D. Telephone line with extensive connections passes house. There is an excess of 11 acres, making actually 319 acres in this farm. A great bargain at \$35.00 per acre.

These very low prices are made to make quick sales, and will not hold good after the first day of February, 1907. Will carry as much as 60 per cent of the purchase price at 5 per cent almost any length of time to suit purchaser. Am the owner of these farms, and in dealing direct with me you save agents' commissions. Address,

L. D. MUDD, MONTGOMERY CITY, MO.

CORN LANDS

IN SOUTH DAKOTA.

PRODUCE as much wealth per acre as the \$100.00 to \$125.00 per acre corn lands of Iowa or Illinois. Our lands can be bought now at \$25.00 to \$50.00 per acre according to location and improvements. Write today for our 32 page illustrated pamphlet. IT'S FREE.

Big Sioux Valley Land Co.

SIoux FALLS, S. D.

CORN LAND.

UNIMPROVED ¼ section about 5 miles from railroad in Faulk Co., South Dakota. All kinds of grain and buffalo grass grow there. Best of soil and water and in arid region where land is constantly changing hands and increasing in price. If taken at once, I will accept the Very Low price of \$16.00 per acre on reasonable terms, no commissions to be paid. No trades. Write or call upon the owner.

E. M. Kieron, 311 Nicollet Av., Minneapolis, Minn.

House Wrecking Company at sheriffs' sales and bankrupt prices on our last page. The Chicago House Wrecking Company are an old, reliable house, who purchase merchandise at sheriffs' sales, buy exposition buildings and furniture and other goods at low prices and give the farmer the benefit. Write for their large free catalog, No. 500, mentioning The Homestead. It will save you much money.

FOR SALE A "Bumper" Iowa Farm

A good farm as there is in Iowa, containing 300 acres, located in Kennebeck township, Monona Co. It is 5 miles from Onawa (county seat) and 2 miles from Tiffin, both good railroad towns. I will sell for \$75 per acre if taken soon, part cash and balance on time at a reasonable rate of interest. The house is a good frame house of about 6 rooms, brick foundation, cemented cellar, etc. Barn is large with brick foundation, almost new, has lean to shed 12x32 feet. There are ample cribs, bins, etc., hay scales, good wells and windmill. The farm is well fenced and will divide into 2 farms nicely. All buildings are well painted and in good condition. About 25 acres was under plow this season. The remainder is splendid hay land with the exception of 15 acres of good timber land along the west line, which is the little Sioux River. For stock or grain the farm has no superior anywhere. The soil is deep and a very rich dark loam, easily worked; no rocks, no sand. As the Northwestern Mutual Life Insurance Co., of Milwaukee, renewed a small loan for 5 years on the above described land, June 29, 1906, there can be no question as to perfect title. I refer you to any bank or commercial agency in Omaha, Neb., or Council Bluffs, Ia., as to my reliability. The farm to be appreciated must be seen. All inquiries cheerfully answered. All crops reserved. Address,

Z. T. LINDSEY, OMAHA, NEB.

I also own 267 acres of adjoining land, partly cultivated and part hay land, fenced only, on which I will make a very reasonable price.

Kansas Bargains

160 ACRES Meade County, Kansas, wheat land \$8.00 per acre.

360 ACRES Marion County, Kansas, one mile from railroad town; choice land; every foot tillable, at \$40.00 per acre. Will sell all or part. No buildings.

343 ACRES Johnson County, Kansas; excellent rich soil; one mile from Olathe, Kansas, close to electric line to Kansas City; only seventeen miles from Kansas City Stock Yards; highly improved; the very best bargain we have ever offered. Write for further particulars about all three.

INLAND SECURITY CO.,

Waterworks Bldg. Kansas City, Mo.

TEXAS LAND

ARE YOU INTERESTED?

WE have for sale lands in the Texas Panhandle, on the line of it, all the way from Oklahoma to New Mexico, from ¼ section to 10,000 acres, at prices ranging from \$5 to \$20 per acre. Why go from 10 to 40 miles from R. R. to buy lands when you can buy it at the same price along the railroad—and frequently near large towns? Stop and give this question your attention, and write to us or call and see us. Correspondence solicited. Join our next excursion for Texas.

BOYER & PETERSON,

Texas Land Dealers,

408-10 Gumbel Bldg., Kansas City, Mo.

Home Telephone, 2460 Main.

Let Me Sell Your Farm

If it is a desirable property and your price is reasonable, I CAN SELL IT. More homeseekers and land buyers go through and stop off at Kansas City than any other five cities. Can send buyers to look at property anywhere if desired and owner can make deal, paying my commission from proceeds. Send description and state cash price. IF YOU WANT TO BUY Write Me Your Wants.

GLENN REALTY CO.

349 K. C. Life Bldg., KANSAS CITY, MO.

CALIFORNIA FARMS, \$750

Ten acres on the Chino Ranch (60 minutes from Los Angeles) for \$750—¼ cash, balance in 4 years. Brings bigger income than 50 acres in East. Great water supply. Write today for illustrated booklets.

CHINO LAND & WATER COMPANY
516 Wilcox Bldg., Los Angeles, Cal.

FARM FOR SALE.

160 ACRE farm in Pawnee Co., Neb., 4½ miles from good town, 100 acres cultivated, balance grass pasture, creek and timber, good improvements, small orchard. Must be sold quick, price \$55 per acre. Address, Frank Label, Wymore, Neb.

4.50 PER ACRE. WE have two separate tracts of Central Kansas land, comprising 17,000 acres, at the above price. No trade. Cramer & Co., Kiowa, Kan.

160 ACRE valley farm \$1,250. House, barn, etc. Southern Mo. M'Grath, 2940 Prairie, St. Louis.

IOWA CORN AND STOCK FARMS. Lists free. Smith & Armstrong, Shenandoah, Iowa.

LANDS AND HOMES FOR SALE

A FINE ALFALFA, CORN & WINTER WHEAT FARM

MY FINE farm located in Buffalo County, 480 acres for sale all fine black loam land 350 acres under cultivation, balance pasture and wild hay meadow, 80 acres alfalfa. There is over \$10,000.00 worth of improvements on this land, a fine large new house, two large barns, two granaries, two corn cribs, scales, feed yard, wells, windmills and cisterns, tanks and an engine to pump water, two large hog houses, two hog pastures, all fenced and cross fenced, close to four different churches, rural mail by the door, telephone in the house, one mile to school, five miles to Riverdale, twelve miles to Kearney, located in fine neighborhood, one of the finest homes in the state. The owner lives on the land, 100 acres now in winter wheat. This farm bears the highest investigation. Price \$80.00 per acre. Also a fine little home of 20 acres, good improvements close to Kearney. Price \$2,000.00. Address the owner, W. H. GRASSMEYER, RIVERDALE, NEB.

FARMS IN Eastern Central Kansas, FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa, apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices

JAMES SHEERAN,
Dickinson Co., Solomon, Kan.

Listen, Mr. Farmer.
If you're going to get any of this **NORTH DAKOTA LAND WHILE IT'S CHEAP,** let me, as a Land Dealer of many years experience, advise you **Not to put it off.** Send me your address. I'll show you how easy it is to better your condition.
A. B. MALIN, Kulm, N. Dak.

IOWA FARMS

FOR SALE AND FOR RENT.

WE have over 100 of the choicest Iowa farms for sale from \$55.00 to \$90.00 per acre. We have five or six large farms to rent. Write us for catalog and map of Iowa. It is free.

THE ALLEN LAND & LOAN CO., LAURENS, IA.

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, **HAMILTON BROS., WINTERSET, IOWA**

NORTH DAKOTA LANDS

I HAVE bargains in Stutsman, Morton, Stark, Dunn, Mercer, Oliver and Billings counties. **Lands from \$5.00 an acre up.** For further information address,

F. M. Klein, Jamestown, N. D.

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. **BOX 151, INDEPENDENCE, IOWA**

COME TO PAYNE COUNTY, OKLAHOMA The banner corn, wheat, cotton and for diversified farming county in Oklahoma. The home of the A. & M. College. Plenty of rainfall to mature crops. Write for folders or call and see us.

SVOPE & CO.,
Real Estate and Loan Agts, Stillwater, Okla.

FARMS, STOCK RANCHES, CITY PROPERTY BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank. **Hartford Land Co., Hartford, Kansas.**

800 ACRES, Keith County, Nebraska, six miles from Ogallala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment. **BOX 81, INDEPENDENCE, IOWA**

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MEEK, Chillicothe, Missouri.**

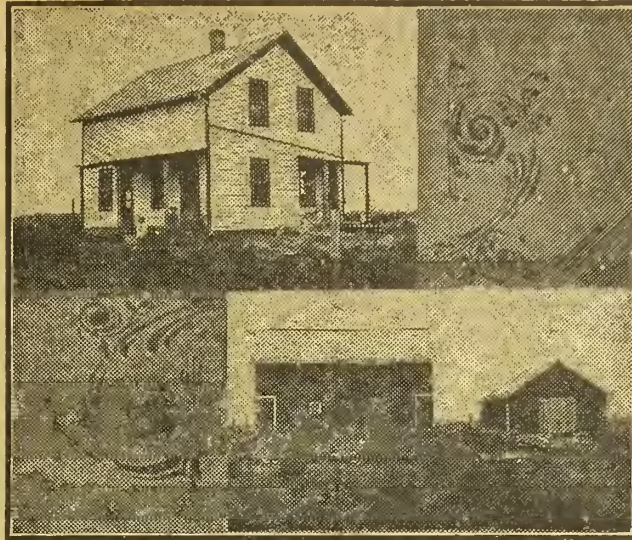
IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. **Northern Iowa Land Co., Independence, Ia.**

FOR SALE ON EASY TERMS, a 167 acre farm in Logan County, Colorado, near railway and sugar mill. Address T. E. Davies, 674 State Street, New Haven, Connecticut.

CENTRAL KANSAS FARMS IN Summer county, for corn or alfalfa. Will sell you a well-improved home, cheap. Write **Gile & Bonsall, South Haven, Kansas.**

For sale, S. E. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$15 per acre, reasonable terms. **Frank Pearce, Fredericktown, Mo.**

SOMETHING GOOD IN MISSOURI



246 Acre Farm in Henry Co., Missouri

This farm is a finely-located, improved farm about fifteen miles north-east of Clinton, Mo., the county seat, and two miles from a good railroad town. It is all good, level, rich land and can practically all be cultivated. The improvements are all new and well finished. They include a good, substantial, conveniently-arranged, seven-room house, a good barn 28x40, double corn crib, hog house, chicken house, good cistern and well. The farm is well fenced and cross fenced.

Located as it is, in one of the farming counties in Missouri, and being so well improved, this is an unusually desirable home place. It is also close to the Kansas City markets, which insures higher prices for grain, hay and live stock.

The owner of the farm lives in Iowa and has all his other interests there. He wishes to sell it and will give very favorable terms or might consider a good Iowa farm, live stock or other property in part payment. Write for full particulars.

Send for our new illustrated catalog of improved farms. It is the most attractive list we have ever issued and offers many unusual bargains. The descriptions are complete and the illustrations are from actual photographs of improvements on the farms described. It is printed in handy folder form on good paper and contains a large map of Iowa.

We have a few good farms to exchange for city property, merchandise, etc.

NORTHERN IOWA LAND COMPANY,
INDEPENDENCE, IOWA.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of a mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS,
KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

BUY YOUR LAND IN THE BIG BEND COUNTRY

OF EASTERN WASHINGTON, where you get not only the best of lands at low prices, but also get located in the finest climate, where crop failures are unknown; no bugs, flies or rust; freedom from electrical and destructive wind and hail storms; where fruits of all kinds do well. This is no experiment, as the country has been thoroughly tested. Special inducements to parties buying this fall. Railroad fare refunded to purchasers. Write for pamphlet to

THE BIG BEND LAND CO.
Dept. I WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
Capital and Surplus, \$260,000.00.
LARIMORE, NORTH DAKOTA.

UNIMPROVED FARM LANDS

In Osceola County, Michigan.

THIS group of lands was covered at one time with hardwood timber, some hemlock, but no pine. Soil is heavy and rich, clay or gravelly loam, well watered. Crops: Good hay and grain lands; ideal for potatoes; all fruits do well. These lands are guaranteed to be as fine as any in the state, but are still wild and covered with some timber and must be cleared. Markets are plentiful and close and on good railroads. Good schools, churches, roads and telephone lines already built. Terms: Lands sold for cash or one-quarter down, balance in five annual payments, interest 6%. Price, \$12 to \$15 per acre. Write for booklet.

H. W. MARSH, MANISTEE, MICH.

.... ONE IOWA ONE MADISON CO.

ONLY A FEW OF THE BEST BAR-
..... GAINS I HAVE FOR SALE

120 acres @	\$55 per acre
40 acres, a snap, @	75 per acre
80 acres @	65 per acre
80 acres @	75 per acre
40 acres @	70 per acre

All within a mile of town, highly improved. For full particulars address,

E. J. TRUMBAUER,
PATTERSON, IOWA.

I Can Sell Your Real Estate or Business NO MATTER WHERE LOCATED PROPERTIES and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write today describing what you have to sell and give cash price on same.

If You Want to Buy

any kind of business or real estate anywhere, at any price, write me your requirements. I can save you time and money.

DAVID P. TAFF,
THE LAND MAN,
415 KANSAS AVENUE,
TOPEKA, KANSAS.

WHY BUY LAND AT FANCY PRICES

IN the Canadian northwest, thousands of miles from markets, when you can buy good quality land in the Clover and Tame Grass Belt of Minnesota, near two railroads and less than 100 miles from the Twin Cities or 70 miles from Duluth, at \$8 to \$10 per acre, easy terms? Wholesale tracts at dealers' prices. Agents wanted. For particulars apply to the owners.

THEO. F. KOCH LAND CO.,
801 Globe Building, ST. PAUL, MINN.

HOMESEEKERS!

For description and price list of good home farms in the

"GREAT KANSAS WHEAT BELT"

WRITE TO

R. B. BEARD, "The Land Man,"
Harper County, Anthony, Kan.

GOVE IS THE BIG CROP County of Kansas. "LAND THE BEST EVER."

OWN a home of your own and get rich in a short time. You can find what you want in farm or ranch land in Gove county. We have it. Terms easy and 10 years' time on deferred payments. Write, **W. F. SHELTON LAND AGENCY,** 215 Sheldley Bldg., Kansas City, Mo.

NOTHING LIKE THIS. 2 800 ACRES; Eastern Kansas; 500 cultivation; all but 200 good farm land; all black limestone soil; good buildings; running water and wells; price \$32.50 per acre. For further information and plat write: **Willis & Co., Sale Agts., Emporia, Kan.**

RANCH IN FLOWING WELL BELT.

720 ACRES of farm meadow and pasture land. Will cut 180 tons of hay. 400 acres in pasture. Three flowing wells. Write for terms. **H. S. WHITE, Amelia, Neb.**

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. **Northern Iowa Land Co., Independence, Ia.**

KANSAS FARMS In Miami and adjoining counties for sale at owner's prices. Write for catalog. Address, **Chambers & Chambers, Oswatimie, Kan.**

FARMS FOR RENT. Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. **Northern Iowa Land Co., Independence, Ia.**

FOR RENT GOOD STOCK FARM of 320 acres. Terms \$2.50 per acre. Address, **J. F. Lynch, New Hampton, Iowa.**

FOR SALE 1293 acres in Lipscomb Co., Texas. Level black loam. **Milo J. Owen, Barton, Vt.**

IN THE GREAT SOUTHWEST

Prices of farm products were fixed recently by the American Society of Equity. Members of the society bind themselves not to sell products at less than the following prices: Wheat No. 1 northern, or No. 2 red, \$1; corn to the end of year, 45 cents; from January 1st to April 1st, 50 cents; after April 1st, and until prices are again fixed, 55 cents; oats, 40 cents; barley, No. 2, 55 cents; rye, 75 cents; buckwheat, 70 cents; potatoes, Irish, 65 cents; sweet, 75 cents; beans, navy, \$1.50; red, \$2; cotton, 12 cents; wool, 30 cents; hogs, \$6.50; cattle, \$6; sheep, \$5.50; hay, \$14; broom corn, \$75 to \$100. In nearly all instances the list of prices is to be based on Chicago markets, the exceptions being the price for beans, which is based on Detroit quotations, and cotton on New York. The convention re-elected its old officers except the treasurer, the new treasurer being John P. Stelle, of Indianapolis. Among the directors elected is J. W. Scott, of Plainfield, Wis.

Messrs. Clark and Lane, of the interstate commerce commission, held an important meeting in Kansas City last week. The object of their visit here was to take testimony relating to the grain trade. The commission was instructed by congress in its last session to investigate this subject and to ascertain in particular what is being done by railroads as well as grain companies to restrict the grain trade business. The evidence taken here seemed to indicate that the action of certain railroads interfered with the free movement of grain.

The Kansas Experiment Station has recently published a bulletin relating to the study of corn. It is designed for the use of young men and boys who have entered the contests under the direction of the farmers' institutes and for all others who are interested in the study and improvement of corn. Thirteen of the principal varieties of corn in the state are described in detail, and a score card applicable to Kansas corn is also given. Some attention is given in this bulletin to the subject of corn breeding. The subject of testing is also taken up and the bulletin is well illustrated. It may be obtained upon application to Director of Experiment Station, Manhattan, Kan., the number being 139.

It is reported that the farmers of

DR. J. W. LIGHTNER

Odessa, Missouri

Sends Us the Following Letter That Will Be Interesting and Convincing Proof to Those Who Suffer

From Diseases Coming From the Kidneys

TO WHOM IT MAY CONCERN: This is to certify that I have had kidney and bladder trouble for eight years and never got any relief until I used Swain's Backache and Kidney Pills. I have used nearly all the medicine advertised for those diseases, but failed to receive any permanent benefit from them. I think by the occasional use of Swain's Backache and Kidney Pills I will have no further trouble. They have been a great blessing to me, and I recommend them to any one suffering with kidney and bladder trouble. Signed, W. C. DONALDSON, Odessa, Mo.

We are daily in receipt of just such letters from people in all walks of life, telling us what Swain's Backache and Kidney Pills have done for them. That is why we tell you they will cure every disease that comes from the kidneys. Bright's disease, Diabetes, Gout, Rheumatism, Dropsy, Blood diseases, Constipation, Backache, Deafness, Heart disease, Nervousness are diseases caused by the kidneys failing to remove and wash the impurities out of the blood through the urine. Swain's Backache and Kidney Pills are sold by druggists at 50 cents per box or Swain Medicine Company, Dept. 12, Kansas City, Missouri.

ANY ONE SENDING US 10c TO PAY POSTAGE AND PACKING AND MENTIONING THE NAME OF THIS PAPER CAN HAVE A 50 CENT BOX "FREE" TO TEST.



Soon Pays for Itself

Enterprise Wind Mill Co., 24 Main St., Sandwich, Ill.

Brown county, Kan., have up to date sold this year clover seed to the value of \$100,000.

Announcement has recently been made concerning the changes that will be made in the president's cabinet. Secretary Shaw, of the treasury department and Secretary Moody will retire the first of the year. Mr. Moody's place as attorney-general will be taken by Mr. Bonaparte, present secretary of the navy, and Mr. Bonaparte will be succeeded by Mr. Metcalf, whose place as secretary of commerce and labor will be taken by Mr. Strauss. Secretary Shaw's place will be taken by Mr. Cortelyou, now postmaster-general. Missouri will still be represented in the president's cabinet, Mr. E. A. Hitchcock, secretary of the interior, remaining in his office.

John Q. Royce, in his forthcoming report to Governor Hoch, will ask for more money to employ bank examiners in his department and will also recommend a change in the examining plan which will be more comprehensive than the one in use at the present time. There are nearly 700 state banks in Kansas and three bank examiners are supposed to examine every bank at least once a year. This is almost a physical impossibility.

The Kansas State Board of Health has been conducting a series of examinations of the butter of Kansas. In a recent report giving the analysis of samples from twenty-one creameries only one company furnished butter up to weight requirements. The weights of the samples furnished varied from 13.9 ounces to 15.8 ounces, except in one case where the net was the full sixteen ounces. Dr. Willard, the state chemist, states that when practically every sample is under weight it is evidence that the general practice of creameries is to make them so.

F. L. Bowman's Sale of Durocs.

Mr. F. L. Bowman, of Hamilton, Mo., held one of the most successful sales of Duroc Jerseys held this fall, on Friday, October 19th. Only a few breeders were in attendance from a distance and it was up to Mr. Bowman's neighbors and the breeders who came to make his sale the success that it was. Mr. W. S. Wilber, of Hamilton, Mo., who is starting a herd, was the most liberal buyer of the better things and a bright future is in store for this gentleman, in the Duroc business. At the American Royal Mr. Bowman bought the two-year-old boar, Gold Finch 2d, to succeed Goldie's Top Notcher, his former herd boar that died some two weeks ago. At the opening of the sale Gold Finch 2d was shown and Mr. Bowman announced that all sows bringing over \$50 could be left and bred to this bog free of charge. This had much to do with bringing the prices up, as all were favorably impressed by him and the breeders were anxious to get litters by him. The top of the sale was \$175 for Lot 2, a Goldie's Top Notcher fall yearling. Mr. W. S. Wilber, who bought her, refused \$50 for the two choice pigs from her spring litter. The next highest price was \$150, paid by Mr. Wilber for a litter sister to No. 2. Both are show sows and with their length and breedy appearance should do Mr. Wilber plenty of good. Mr. E. S. Bonner, of Hamilton, Mo., and Mr. C. B. Fagin were the runners up. Forty head were sold and an average of right at \$40 was made. Col. C. C. Keil and Col. Harry Graham did excellent work, both in the ring and on the block. Colonel Keil opened the sale and sold about one-half the offering. Following is a list of all sales over \$30:

Lot Price.

1. Two-year-old sow, E. S. Watson,

Let Me Quote You a Price on the AMERICAN Manure Spreader

We manufacture and sell the celebrated American Manure Spreader to the consumer direct from our factory—saving all the middle profits made by jobbers and dealers. These profits are left out of consideration in the prices that I want to make you direct from our factory on an American Manure Spreader.

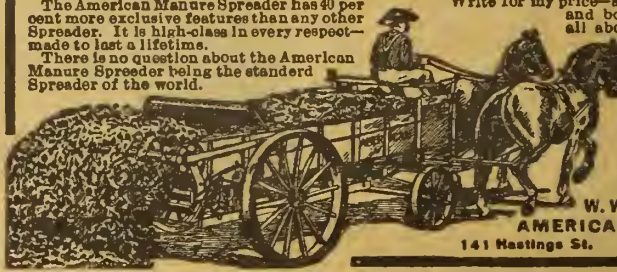
This means that you can buy from our factory at factory prices—be a Wholesale Buyer. And that isn't all! We don't ask you to pay cash in advance.

We sell the American Manure Spreader on Time—

liberal time payments—giving our customers easy terms to pay for their Spreaders—letting the Spreader really pay for itself as it earns for you. We are the only concern in the United States manufacturing and selling Manure Spreaders direct to the user on time and on trial at low factory prices.

The American Manure Spreader has 40 per cent more exclusive features than any other Spreader. It is high-class in every respect—made to last a lifetime.

There is no question about the American Manure Spreader being the standard Spreader of the world.



30 Days' FREE Trial

To prove all of our claims for the celebrated American Manure Spreader, we allow 30 days' trial on every Spreader we sell.

This permits the customer to use the Spreader on his own farm for a full month to be satisfied that it is just as represented. If not as represented it can be returned to us. We pay all freight both ways—trial being FREE.

The low price I want to quote you on an American Manure Spreader will be for the Spreader delivered at your station.

We Pay All Freight

This price will be for the Spreader on time—this price will be for the Spreader on trial—and this price will be a price that is lower than dealers are charging for Spreaders that are not nearly so good as the American. When you examine all the exclusive features of the American you will agree with me.

Write for my price—and write for my catalogue and booklet. They will tell you all about the American Manure Spreader and give you a lot of good information on the question of fertilizing—a question that every farmer is interested in and wants to know all about.

Just write me today on a postal card. I will see that you get our book and my special price at once.

W. W. COLLIER, Gen. Manager
AMERICAN HARROW CO.
141 Hastings St. DETROIT, MICH.

Turney, Mo.	\$ 81.00
1½ Sow, W. L. Addy & Son, Parnell, Mo.	54.00
2. Fall gilt, W. S. Wilber, Hamilton, Mo.	175.00
2½ Fall gilt, same	150.00
3. Fall boar, same	61.00
4½ Two-year-old sow, E. S. Bonner, Hamilton, Mo.	52.50
7. Fall gilt, W. W. Cox, Hamilton, Mo.	31.00
8. Fall gilt, W. S. Wilber	31.00
17. Spring gilt, C. W. Wells, Braymer, Mo.	31.00
First-prize boar at Sedalia, Mo., W. S. Wilber	50.00
38. Spring male, Sweany Bros., Kinder, Mo.	31.00

Other buyers were Messrs. Harry Roberts, Hamilton, Mo.; C. G. Ditmars & Co., Turney, Mo.; S. R. Murphy, Savannah, Mo.; H. Edwards, Hamilton, Mo.; Tinsley Brown, Hamilton, Mo.; M. S. Kitchen, Gallatin, Mo., and Maupin & Applegate, Shelby, Mo.

H. G. McMillan's Sale of Short-horn Cattle.

Lakewood Farm scored another big success in the sale of Short-horn cattle held October 24th. The growing popularity of Short-horn cattle, Percheron horses and Poland China hogs as produced at Lakewood Farm by Mr. H. G. McMillan, of Rock Rapids, Iowa, was manifest last Wednesday when, during a fifty-hour rain, wind and snow storm, enough breeders and farmers congregated to buy the offering from Lakewood at the handsome average of \$120 per head. Breeders from a distance were much surprised to see the high character of cattle offered by Mr. McMillan, and particularly were they impressed with his great Scotch bull, Morning Joy 188620. The writer has always been an ardent admirer of Morning Joy and has repeatedly urged the proprietor of Lakewood to never part with him under any circumstances. Morning Joy is a rare combination of Campbell-Reid blood as an outcross of Scotch blood. He is a Campbell Mina, founded on Bashful, sired by the Captain Barclay (of Ury fame) bull, Young Ury (10984). Morning Joy's sons in this sale made the handsome average of \$150. Mr. Geo. F. Root, of Alberta, Canada, was present and offered Mr. McMillan \$1,000 for Morning Joy, which was refused, Mr. Root then buying one of Butterfly Lad at \$350.

FEMALES.

Rosette, six years, sire British Knight, H. Graf, Dundee, Minn.	\$150
Sadie Victoria 2d, six years, sire Scottish King, M. D. Wolcott, Gilmore City, Iowa	270
Lakewood Duchess of Gloster, three years, sire Iowa Champion, Hector Cowan, Paulina, Iowa	245
Ballad Lass, eight years, sire Royalty, W. B. Wallis, Dubuque, Iowa	165
Generosity of Lakewood 2d, three years, sire Croesus, Will McLean, Rock Valley, Iowa	150
Lakewood Orange Blossom, three years, sire McNair, C. M. Gage, Lester, Iowa	170
Lakewood Evangelin, three years, sire Lavender Royal, Will McLean	185
Evelyn of Lakewood, two years, sire Prince of America, same	160
Violet, six years, sire Winsome Duke 11th, W. B. Wallis	105
Dorothy of Lakewood, two years, sire Emperor 2d, E. A. Wolcott, Gilmore City, Iowa	100
Ella of Lakewood, five years, sire Young Scotchman, C. A. Deval, Inwood, Iowa	100
Annie Lee 10th, six years, sire Royal Prince, W. B. Wallis	105
Roan Lucy, five years, sire Imp. J. I. Marengo, and c. c., E. A. Wolcott	105
Violet Lady, nine years, sire Lord Aberdeen, F. S. Farnham, Chatsworth, Iowa	105
Leno, four years, sire Orange Chief, E. A. Wolcott	145
Pleasant Hill Alice, five years, sire Red Monarch, W. B. Wallis	155
Red Rose, four years, sire Macnaughton, C. A. Deval	100

BULLS.

Lakewood Orange Lad, one year, sire Morning Joy, R. A. Jeffries, Rock Rapids, Iowa	165
Butterfly Lad, one year, sire Morning Joy, Geo. F. Root, Alberta, Canada	350

SUMMARY.

29 females	\$3,470.00; average	\$119.66
8 bulls	937.50; average	117.20
37 head	4,407.50; average	119.35

The Homestead and The Homemaker
\$1.25 per year.

THE DUPLEX PHONOGRAPH.

This illustration of the Duplex Phonograph represents one of the greatest instruments of its kind. It is elegantly constructed and finished and makes an ornamental piece for any parlor. It possesses an entirely new principle in the two horns. This discovery allows of a large volume of sound of the greatest purity and sweetness. The tones of the Duplex are entirely free from the usual metallic sounds. Nothing adds to the attractiveness of the home so much as music. A good phonograph is more conducive to culture and refinement than any thing that can be put in the home at any

SAVE ALL
the DEALERS'
70% PROFIT



thing like the same cost, or several times the cost for that matter. It reproduces entrancing melody and the matchless gems of literature right by your own hearth where every evening of the coming winter it will be the source of the keenest kind of enjoyment. The holidays will soon be at hand, and what would be a more acceptable gift to the family than one of these beautiful instruments? You can buy a Duplex at factory prices. A neat booklet describing the Duplex in detail will be mailed upon application to the Duplex Phonograph Company, Kalamazoo, Mich. See their advertisement on page 4 and when writing to this company mention this paper.

IN AND AROUND WISCONSIN.

Wholesale naturalization frauds in Hennepin county, Minn., have been discovered and the evidence has been turned over to the United States authorities, a thorough investigation being now under way. Up to date, sixty-two warrants have been issued. It is said that a large number of foreigners have perjured themselves in taking out their second papers in over-stating the time they have been in this country, this being done in order to be able to vote. A well-known politician has been arrested and bound over to await the action of the federal grand jury.

The Wisconsin rate commission has been giving a hearing to the attorneys of the beet-sugar companies located at Menomonee Falls, Chippewa Falls and Janesville for reduced rates on the transportation of sugar beets and pulp. The attorneys for the sugar-beet companies claim that rates are excessive and unreasonable, being at least 25 per cent higher than they are in Michigan and Nebraska. Attorneys representing the Northwestern and Milwaukee roads claimed before the rate commission that the rates are as low as can be made by the companies if a reasonable profit is to be made on the transportation of the beets. The testimony shows that the beet companies pay the railroads about \$200,000 a year.

Farmers in Sully county, S. D., have raised by popular subscription the sum of \$100,000 for the purpose of constructing and equipping an electric line from Pierre to Okoboji, a distance of twenty-one miles. Sully and Buffalo are the only two counties east of the river that are not traversed by one or more railroads, and farmers in those counties have determined on having the only electric line in the state.

A machine corn husker is now being used in Rock county, Wis. For eight years Mr. A. M. Hollenbeck and Mr. Vernon McDole have been trying to solve this problem, but not until recently have they discovered the mysterious mechanical principles that are necessary to success. They have already built and rejected six machines. The one they are now using is worked by an eighteen-horse-power gasoline engine. The inventors claim that the machine will take care of fifteen or twenty acres a day. It is estimated that this husker when placed on the market will be sold at from twelve to fifteen hundred dollars.

Independence, Iowa, has a unique industry in the growing of pumpkin seeds for market. A local seed house pays from five to eight cents per pound. Some farmers are able to net six dollars per acre on the same land where corn grows.

The Big Pasture Opening in Oklahoma.

Regulations have been recently issued concerning the sale by bids, of what is known as "Big Pasture" lands, or 505,000 acres, in the Kiowa-Comanche country, Oklahoma.

This land will be disposed of in quarter-section lots, in sealed bids, to the highest bidder, under the provision of the homestead laws of the United States. No bids shall be considered which shall be at a less rate than \$5 per acre for the lots embraced in such bid. No bid will be considered that is received before 9 o'clock a. m., on Monday, the 3d of

December, or after 4 o'clock on Saturday, the 8th of December, 1906.

Each bidder may make as many bids on separate tracts as he chooses, but he must list the tracts bid for by him separately, on the same sheet of paper, and set opposite each tract, the total amount of bids therefor. No individual will be allowed more than one quarter-section, although as said before, bids may be made on any number.

For maps, schedules, etc., relating to these lands, application should be made to Register and Receiver, United States Land Office, Lawton, Okla.

Mt. Pleasant Angus Sale.

The opening Angus sale in Mt. Pleasant's new pavilion took place on Wednesday, October 24th. The weather was everything but what was desirable and on this account the attendance was smaller than was expected. The contributors to this opening sale were Messrs. W. B. Seeley, Mt. Pleasant; W. K. Henss, Wayland; J. T. Cline, Salem, and J. D. Beaber, of Rome. Fifty exceedingly useful animals were sold on the date mentioned. Col. Silas Igo did the selling and his work was exceedingly creditable. The first animal offered proved to be one of the great bargains of the day. This was a two-year-old Blackbird Top Erica consigned by Mr. Seeley. She went to Mr. Corwin, of the Van Buren County Farm, at \$105. Mr. Patrick Donohoe, of Holbrook, secured Blackcap of Clover Lawn, a very fine three-year-old double-bred Blackbird heifer consigned by Mr. Seeley, at \$175—the top of the sale. Mr. Donohoe also paid \$210 for Blackbird Dale. Mr. J. T. Cline secured the two-year-old Blackbird bull, Black Jam Dale, at \$155, and Mr. E. C. Temple, of Osceola, paid \$125 for a very fine Coquette calf consigned by Mr. Henss. Mr. Lee Watts, of Wayland, captured the prize young bull, Barondale 2d, consigned by Mr. Seeley, at \$120. Mr. J. C. Frame, of Salem, secured one of the largest and smoothest cows in the sale, Park Princess B. 2d, owned by Mr. Seeley, at \$115. Messrs. Samuel Green & Son, of Trenton, Mr. Beaber and Mr. J. L. Bennett, of Chariton, secured some nice young things at around \$100. Mr. Enoch Beery, the popular stockman of Salem, picked up some bargains at the latter part of the sale. There were several of the young things that sold very cheaply, bringing the general average down to a trifle over \$82, while Mr. Seeley's average was something over \$112.

Wood's Short-horn Sale.

A large number of Short-horn breeders were present at the closing out sale of Mr. W. I. Wood, at Washington C. H., Ohio, on October 18th. Imp. First-in-the-Ring topped the sale, going to Mr. J. C. Murray, of Mt. Sterling, Ohio, at \$1,675. The plainer-bred lots had a tendency to lower the average on the better class of cattle. Colonels Woods, Barclay and Urton conducted the sale in a satisfactory manner. A list of animals selling for \$100 or over is given below:

FEMALES.

Missie W., three years, sire White Hall Sultan, Carpenter & Ross, Mansfield, Ohio	\$505
Proud Fancy 3d, one year, sire Imp. First-in-the-Ring, A. L. Rawlins, Springfield, Ohio	210
Isabella of Woodland 6th, three years, sire Imp. First-in-the-Ring, Geo. Hornbeck, Mt. Sterling, Ohio	210
Ury 2d, four years, sire Imp. First-in-the-Ring, A. L. Rawlins	115
Imp. Dalmeny Duchess 5th, nine years, sire Dictator, and b. c., Geo. Hornbeck	255
Fairy Queen, four years, sire Prince Louis, John Richardson, Lancaster, Wis. 175	
Spicy of Browndale 9th, eight years, sire Orange Lad, W. H. Gibb, New York City, N. Y.	195
Queen Mary 6th, two years, sire Imp. First-in-the-Ring, P. E. Johnson, Flushing, Ohio	165
Fairy Morning 2d, three years, sire First Emperor, J. F. Kerr, Cedarville, Ohio ..	155
Christmas Holly, four years, sire White Hall Sultan, J. M. Stewart & Son, Canal Winchester, Ohio	135
Mellerstain Missie, four years, sire Spicy Robin, Dr. W. A. Earles, Milwaukee, Wis.	115
Mellerstain Missie 2d, two years, sire White Ensign, and b. c., John Richardson	130
Village Maiden, six years, sire Royal George, and h. c., G. M. Roudeshush, Newtonville, Ohio	145
Empress of Browndale, eleven years, sire Golden Rule, A. M. Perkins, Washing-	

In The Feed Lot

There is no subject worth so much study by farmers in general, and especially stock farmers, as the care and feeding of live stock. No farm weekly gives such a fund of timely advice in its regular departments, nor the benefit of the ideas of the most noted live stock experts as does

THE TWENTIETH CENTURY FARMER

The feeding Department is in charge of H. R. Smith, who is in charge of Animal Husbandry at the Nebraska Experiment Station. Mr. Smith is a practical feeder, having been raised on a stock farm; he has been a student of the feeding question all his life. It was he who three years ago selected and produced Challenger, the sweepstakes champion at the International Live Stock Exposition.

The Veterinary Department is in charge of Dr. H. L. Ramacciotti, one of the best known successful practitioners among western veterinarians. Questions from subscribers with regard to sick live stock are answered free of charge. The saving of a single animal, and everyone has losses now and then, would pay our subscription price many times over.

The Market Department is in charge of A. C. Davenport, Commercial Editor of the Omaha Bee, who is a widely known authority on stock markets.

Each issue contains special articles from such men as Geo. Bellows, F. D. Coburn, C. R. Thonias, W. E. Skinner, E. B. Mitchel and other leaders among thinking live stock men.

We Will Send You Sample Copies Three Weeks Free

If you like it, subscribe, otherwise the paper will stop coming promptly.

TWENTIETH CENTURY FARMER,

1726 Farnam Street,

Omaha, Nebraska.

Over 65,000 Farmers and Stock Raisers Read It.

Low Rates to South Dakota.

On every Tuesday during 1906 Homeseekers' rates to South Dakota points are offered by the Chicago, Milwaukee & St. Paul Railway. These low rates enable homeseekers to investigate the opportunities offered at slight expense. Any ticket agent can sell you tickets to South Dakota, via the Chicago, Milwaukee & St. Paul Railway. It is worth your while to ask him to do so. Write today for new booklet on South Dakota.

E. C. NETTELS, D. F. & P. A.
Des Moines, Iowa.

ton, Ohio	105
Graceful Strathallan 2d, three years, sire Minister, Dr. W. A. Earles	100
May Belle 5th, four years, sire Imp. First-in-the-Ring, W. H. Gibb	115
Blanche Abbotburn, five years, sire Monarch Abbotburn, and c. c., Allen West, Bloomingburg, Ohio	205
Blanche-of-the-Ring, four years, sire Imp. First-in-the-Ring, and c. c., C. B. Moore, Canal Winchester, Ohio	155
Nominee's Fancy, four years, sire Nominee, Dr. W. A. Earles	100
Calm of Woodland, six years, sire Bell Commander 9th, and c. c., S. E. Schultz, Jeffersonville, Ohio	105
Calm of Woodland 4th, five years, sire Monarch Abbotburn, John Townsend & son, Strawn, Ind.	125
Lady May 18th, seven years, sire Cannonball, and c. c., W. H. Gibb	120
Scotch Princess, two years, sire Scottish Victor, same	100
Cornelia 2d, nine years, sire Earl Fame, J. C. Sidle, Blachleville, Ohio	130
Snow Flake, six years, sire Lord Abbotburn, and b. c., John Townsend & Son, Straughn, Ind.	195
Red Rose 2d, one year, sire Choice-of-the-Ring, F. V. Hills, Delaware, Ohio	110
Woodland Nell, one year, sire Choice-of-the-Ring, A. M. Rawlins, Springfield, Ohio	220
43d Duchess of Gloster, five years, sire Knight of the Thistle, Wm. Gill, Circleville, Ohio	305

BULLS.

Lovet Ring 2d, one year, sire Imp. First-in-the-Ring, W. G. Richardson, Clarksville, Ohio	210
Woodland Fame, one year, sire Woodland Coronet, M. D. Hartshorn, Newark, Ohio	110
Golden Scotchman 2d, one year, sire Golden Scotchman, Samuel Goodwin, Groveport, Ohio	120
Golden Victor, two years, sire Scottish Victor, Wm. Gill, Circleville, Ohio	145
Wild Fancy, one year, sire Woodland's Fancy, W. S. Carpenter, Darbyville, Ohio	105
My Lad, one year, sire The Lad For Me, C. R. Hartshorn, Newark, Ohio	110
Imp. First-in-the-Ring, eight years, sire Ringleader, J. C. Murray, Mt. Sterling,	

Ohio	1,675
Choice-of-the-Ring, seven years, sire Imp. First-in-the-Ring, J. M. Stewart & Son 300	

SUMMARY.

68 females	\$ 7,300; average ... \$107.00
11 bulls	2,745; average ... 249.55
79 head	10,045; average ... 127.00

CATARRH ADVICE FREE.

The attention of our readers is called to the really generous offer in this issue of our paper on page 20; the offer of helpful and valuable medical advice, absolutely free of charge on the cure of catarrh, from one of the great specialists and public benefactors of this country—Catarrh Specialist Sproule. For twenty-one years he has had wonderful success in curing catarrh, and because he sees how many people stand in need of honest and reliable advice on the cure of this ailment, he will give this advice free of all charge to any who write and ask for it. We advise our readers to turn at once to Catarrh Specialist Sproule's generous offer and we urge them to read every word of it, and send today for whatever medical advice they stand in need of. Catarrh Specialist Sproule's offices are at 473 Trade Building, Boston, and all letters should be addressed to him there.

BUSINESS OPENINGS.

"Business Openings" on the Union Pacific is the interesting title of a booklet recently placed before the public by the Union Pacific Railroad Company.

The booklet aims to give a brief but comprehensive summary of the economic, social, industrial and civic conditions of points along the Union Pacific system and lays especial stress upon the splendid opportunities presenting themselves to farmers, stock raisers, manufacturers, merchants, miners and investors.

From cover to cover the publication teems with the most interesting information and one is amazed at the wonderful and unthought-of resources of the West.

All those contemplating settlement or investment in rich, productive and rapidly growing communities along the line of this great railroad will find it to their advantage to read the booklet.

The Homestead and The Homemaker \$1.25 per year.

A dollar's worth of Standard Stock Food

—contains more feeds,
—will go farther,
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produce more and better results,

than a dollar's worth of any other stock food made, whether it costs 5c or 15c a pound.

YOU can prove this to your own satisfaction by examining various stock foods and their feeding directions. The Standard looks better, smells better, tastes better and is better—stronger, richer, more concentrated—and a much less quantity of it is required at each feed.

It gives the best results at the least cost.

Sold on our money-back, square-deal guaranty.

Go to your Dealer and ask him to supply you. If he cannot, do not take a substitute but send to us direct.

We will ship immediately and protect you with our square-deal, money-back guaranty.

STANDARD STOCK FOOD CO., 1516 Howard Street, Omaha, Neb.



FREE TO YOU.

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

OUR LEGAL DEPARTMENT.

(Continued from page 10.)

to pay taxes on the full forty acres? (2) B bought a horse from A for \$60 and gave his note for that amount signed by his wife as surety, due fourteen months after date. B's wife owns seventy-five acres of land, with two mortgages on it, one given before the note was given and one afterwards. Do the mortgages come in ahead of the note?

Answer.—(1) Section 1344 of the Iowa code provides that ground occupied by a public road shall not be assessed or taxed as part of adjacent lands. (2) The note is not a lien on the land at all, while both mortgages are liens on the land. So far as payment of the note from the proceeds of the wife's land is concerned, both mortgages would be ahead of the note.

SUBSCRIPTION TO PAPER.

A Subscriber, Atkins, Iowa.—I subscribed for the Farmers' Tribune for three months, paying the subscription in advance. When the time expired I wrote to the publisher to stop sending the paper, but the paper continued to come. I then told the postmaster to notify the publisher to stop the paper, which he did, and I have not taken a single copy of the paper from the postoffice since that time. Recently an adjusting association, which seems to be a collection agency, sent me a rude dunning letter, demanding the payment of \$7 and threatening suit. What is the law in such a case?

Answer.—You are liable for the subscription so long as you took the paper from the postoffice. You are not liable for any time since you ceased to take the paper from the postoffice after requesting the postmaster to notify the publisher to stop sending it.

HORSE DEAL.

A Subscriber, Milledgeville, Ill.—A sold a horse to B, saying that it was sound and all right as far as he, A, knew, but that he was not much of a judge of horses. A and B drove the horse around a few blocks in town, and then B got out of the buggy and looked the horse over, and then had A drive it up and down the road several times, and then bought it and A was to deliver it the next morning, which he did. About two days later B told A he had got a veterinary to examine the horse, and he said it had a spavin. B offered the horse back to A for \$10 less than he paid, but A refused the offer. B has not paid for the horse in full. What can A do to get the balance?

Answer.—Sue him for it.

CASTRATING ANIMALS—VETERINARY.

A Subscriber, Guttenberg, Iowa.—B is not a veterinary surgeon, but has been castrating colts for twenty years with good success. A had a colt to castrate, and he requested B by letter to come and do it, having more confidence in his skill than in that of the ordinary veterinary. B performed the operation and a few days afterwards the colt became lame in its back, and cannot get on its feet. A wants B to pay for the colt. (1) Can he compel him to do so? (2) Has B a legal right to castrate colts, not being a veterinary?

Answer.—(1) We do not think that A can recover anything from B. Certainly not from the facts as above stated. A would have to prove that the condition of the colt was caused by B's unskillful treatment or by his negligence in order to recover. This would probably be difficult to do. (2) B or any other person who is competent to perform the operation, may castrate domestic animals. No license is required. It may be done by a person not a veterinary.

WILL IN OKLAHOMA.

A Reader, Hennessey, Okla.—A, who was a widow and the mother of two children, died on a homestead in Oklahoma. She married B, who was a widower. B had children by a former wife. A proved up on her homestead in her own name, and it is still in her name, although she and her husband occupy it as their home. There are no children

of the marriage between A and B. A wishes to make a will so that at her death her land will go to her own children, and not to her husband or his children. How can it be done?

Answer.—The law of Oklahoma gives a married woman the power to dispose of her separate property by will the same as though she was a single person. She can will all her property to her own children, so that neither the husband nor his children will get any of it. She ought to have a reliable lawyer prepare the will. She must sign it at the end, in the presence of two witnesses, and request them to sign as witnesses, declaring to them that the paper is her will; then the witnesses must sign their names and the place of their residence, in the presence of the testator and of each other.

WIDE WAGON TIRES—REBATES.

Mr. W. H. G. Whitefield, Bayard, Iowa.—I own a wagon with a four-inch tire, which I have been using on the roads during the last summer, doing considerable hauling. I want the advantage of the rebate on my road taxes, which was provided for by the last legislature. How shall I apply for it, and to whom?

Answer.—You will be entitled to a rebate of one-fourth of your assessed highway tax for the year ending July 1, 1907, provided such rebate does not exceed five dollars, and a like rebate for each year thereafter, during which you use a wagon with tires not less than three inches wide. In order to get such rebate you must make and subscribe an affidavit that you have for the preceding year used only such wagons with tires not less than three inches in width for hauling loads exceeding eight hundred pounds on the public highways of the state. You make oath to this before a township trustee, or the township clerk, of the township where you live and file it with the board of trustees and they will pay you the rebate. The first payments of rebates will not be made

alt? (3) B owed A a sum of money and to secure payment of the same he gave A

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We want to put a sample of Amatite Roofing into the hands of every farmer in the U. S. We know that when a practical man examines it and realizes that it does not need painting, we shall have no trouble in selling him Amatite. The special, non-conductive mineral surface which is embedded into the top layer of Amatite saves you all the bother and expense connected with the painting. You can put Amatite on your roof and not look at it again for years, and it will give you good service every minute of the time. You don't have to go over your roof every spring to look for leaks, and you don't have to spend

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Crimson Wonder I Am 34697, is the greatest representative of the "Crimson Wonder family."

He is owned by Mr. U. G. Davidson, of Manson, Iowa, and made a sensational showing at the Iowa State Fair in 1905, winning first in junior yearling class and sweepstakes, and was pronounced the greatest boar ever exhibited on the grounds. As a sire he is unequalled, having sired the sweepstakes boar at the Iowa State Fair this fall, also the junior yearling boar that won third in class. The photo from which this cut was made was taken by a representative of The Homestead on the state fair grounds, and shows the wonderful individuality of this great hog to perfection, emphasizing the fact that he is easily the nearest the ideal type of any living boar.

till after the first day of July, 1907.

WHAT IS RIGHT?

A Subscriber, Milledgeville, Ill.—B rented a farm from A in Illinois. By the terms of the leasing contract each of the parties was to furnish one-half of the cattle, hogs, seed and feed kept and used on the premises. Substantially all the products of the ground were fed on the place. By agreement between the parties B bought several acres of standing corn from a neighbor, and cut, shocked and shredded it with his own labor and machinery, and used it as extra feed on the place for the stock, which A and B furnished together. Should A bear any portion of the expense incurred in cutting, shocking and shredding said corn?

Answer.—A should bear a portion of the expenses of cutting, shocking and shredding the corn mentioned, but just what proportion it is difficult to determine without knowing more about the surrounding circumstances. If both parties want to do what is right, they ought to settle that matter between themselves without any trouble.

SALE—MORTGAGE—FORECLOSURE.

A Subscriber, Jackson, Minn.—On August 6, 1906, A bought a horse from B and paid him \$5 in cash on the purchase price that day and immediately took the horse home and next day he paid the balance of the purchase price to B. On September 1, 1906, B gave a mortgage on this horse and another one, to C. B's wife saw A pay B the \$5 and the balance of the price was paid by A to B where they met on the road, no witnesses being present. C threatens to take the horse which B sold to A. (1) What are C's rights in the matter? (2) Is B liable to any pen-

alty? (3) B owed A a sum of money and to secure payment of the same he gave A a chattel mortgage on a team of horses and some farming implements, the note secured thereby being made payable on demand. The mortgage was made in Milledgeville, Jackson county, Minn., and the mortgage stated that the team and implements were at the time in possession of B. As a matter of fact the property was in Iowa and is still there. Is the mortgage valid and what steps should A take to protect his rights?

Answer.—(1) C has no right whatever to the horse sold by B to A. (2) We think B is liable to a criminal prosecution for mortgaging property that did not belong to him. (3) The mortgage, if properly drawn up and executed, is valid and binding. A should at once demand payment of the note, and if not paid, then go to the county in Iowa where the mortgaged property is located, and there file the mortgage for record, and then seize and take the property and dispose of it according to the terms of the mortgage, to satisfy the note.

SUBSCRIPTION CONTRACT.

A Subscriber, Alva, Okla.—Last September a solicitor for a publishing house in Chicago went through this county taking orders for a county atlas. The book was to be delivered by April 1, 1906. The solicitor misrepresented everything, and told his subscribers that it would be optional with them whether they took the book or not, when it was delivered. The company failed to deliver the book by April last, but has notified subscribers that it will be delivered soon. Can the company compel

subscribers to take the book and pay for it?

Answer.—It depends upon the kind of a subscription contract which was signed by the subscribers. Evidently they signed their names to some kind of a paper, and this paper, no doubt, contains a sure thing, iron-cast, copper-bottomed, double-riveted agreement of the subscribers which binds them. People who insist on signing papers presented to them by strangers must bear the consequences of such conduct. We have repeatedly warned readers and subscribers against signing papers presented to them by glib-tongued agents.

NOT GOOD CAUSE OF ACTION.

A Minnesota Subscriber.—A renter lost his best horse through the carelessness of his landlord, who negligently left a wire lying in the pasture, nailed at one end to a post, knowing at the time that horses were in the pasture. Can the renter recover damages?

Answer.—We do not think that the facts as stated constitute a good cause of action for damages.

SOLDIER'S HOMESTEAD.

Mr. John L. Tobler, Roberts, Wis.—(1) Are there any homesteads to be taken in the Indian Territory, and if so, under what law? (2) I served in the United States army from March, 1898, to March, 1901. If I should enter a homestead could I prove up after living on it for two years?

Answer.—(1) There are no public lands open to homestead in the Indian Territory. (2) You could.

MARRIAGE OF FIRST COUSINS.

A Subscriber, Toronto, Kan.—(1) Can first cousins lawfully marry in Kansas or Missouri? (2) If not, mention some states in the middle West where first cousins are allowed to marry?

Answer.—(1) Marriage of first cousins is prohibited by law in Missouri and Kansas. (2) First cousins may marry in Nebraska, Iowa, Minnesota and Wisconsin.

FIXTURES—DAMAGES.

A Subscriber, Clarksville, Iowa.—I bought a farm in Missouri last spring and made a payment on it, and was to take possession on August 1st, this year, and receive the rent from the tenant who is on the place. I have just received a letter from the tenant stating that some of the buildings and some woven wire fence belongs to him and that he will remove them. Nothing was said about such a thing when I bought the place, and before the deed was made. (1) Can the tenant remove buildings and fences? (2) What lawful remedy have I, if any?

Answer.—(1) It depends upon the tenant's contract with the man who owned the land and rented it to him. If by the contract, the tenant had a right to remove the buildings and fence, he still has such a right. (2) We think you have a remedy against the man who sold you the land (not his agent) for damages. Consult a good lawyer, and lay all the facts before him.

UNCERTAIN CONTRACT.

A Subscriber, Brooklyn, Iowa.—We lease a farm which lies on both sides of a public road. The landlord lives on one side of the road and we live on the other side. We agreed to haul out all manure made on the

Everything Burned but the Roof.

A BARN burned up down in Decatur, Ill., the other day, that is—everything but the roof.

And the roof was my famous "No-Tar"—the only Fire Proof roofing made.

Send me your name and address on a post card and I will tell you all about my roofing—tell you how to test any kind of roofing and send you a sample of my "No-Tar" to test.

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My book also tells how I make "No-Tar" Roofing and why it is the only roofing that is weather, water, acid and wear, as well as Fire Proof.

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won't crack in cold weather and the hottest sun can't melt it.

When you send me your name and address I will tell you why.

You ought to write me at once if you are in any way interested in roofing, for I can save you money—on roofing and on Fire Insurance.

Send me a post card today. Don't let anything hinder you.

**O. A. HEPPEES, Secretary,
THE HEPPEES COMPANY,
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farm, that made on the landlord's side to be put on the land east of the road and that made on our side to be put on the land west of the road. Now the landlord wants us to put the manure on his side on land west of the road. (1) Are we required by law to do this? (2) Some of the manure is made in a bank barn and the landlord does not throw it out in the barn yard. The contract is silent as to this matter. Are we required to take the manure out of the bank barn?

Answer.—(1) You are not. (2) You are.

HUSBAND AND WIFE—MISSOURI.

Mr. J. M. B., Albia, Iowa.—A and B are husband and wife and live in Kansas City, Mo., where they have a home which is in A's name. B has mortgages on property in Iowa. They have no children. In case B should die, how would the property be divided?

Answer.—A would be entitled to one-half of the property belonging to B at the time of her death. The other half would go to B's father and mother, brothers and sisters, in equal shares.

CUTTING BACK HEDGE.

A Subscriber, Kensell, Iowa.—There is a willow hedge on the line between my farm and that of my neighbor. The hedge was planted there and is kept up by my neighbor.

Can I compel him by law to remove the hedge or keep it cut back?

Answer.—If the hedge is used for a partition fence, you can compel your neighbor to cut it back once every two years to within five feet of the ground. In case he refuses to do so, notify the fence viewers and request them to act, and they will meet and make an order requiring your neighbor to do so.

SHIPPING STOCK—MISTAKE.

A Subscriber, Stanton, Neb.—A short time ago I shipped a car load of live stock to South Omaha. Another man shipped a car load at the same time. There was some confusion about which one of us should have the best bedded car. Although I applied first, the railroad agent seemed to favor the other man, who was a large shipper. After receiving the returns from my car load I found that I was paid for the other man's car load. I did not notice the mistake till my check was cashed. I am a little ahead of the other man by means of this mistake. His car was well bedded, mine was not. This might have made a difference in the shrinkage of 100 or 150 pounds. (1) Must I correct the mistake and refund the overplus I received to the other man? (2) In such case must I also bear the difference in shrinkage caused by the difference in cars? (3) The stock I received pay for was sold immediately upon arrival. My stock was held a little while and probably brought a less price. Should I bear this deduction?

Answer.—The right thing to do in this case is to see that the mistake is corrected and that the other man gets the exact amount which his stock sold for less the expenses, and that you get the exact amount which your stock sold for less the expenses, each of you bearing the shrinkage which occurred in his carload. This is the honest adjustment of the matter, and it is what the law would require in case of a law suit. This answers all your questions.

DELAY IN MAKING CLAIM.

Mr. A. M. Kelsey, Ottumwa, Iowa.—Two years ago last December I bought a draft stallion for \$1,000. The man who sold him to me represented at the time that the stallion was sound and an average foal getter. When I took the stallion home he proved to be crampy in both hind legs. He got but 15 per cent of the mares he served in foal the first year, and last year only about 10 per cent. I gave him at all times the best of care. I sold him last spring for \$225. Can I recover damages from the man who sold the horse to me?

Answer.—It is very doubtful whether or not you could win in a suit for damages. The long delay on your part in making a claim would not be favorable to you in a law suit.

CONSOLIDATING SCHOOL DISTRICTS.

A Subscriber, Moulton, Iowa.—(1) Please publish the law providing for the consolidation of independent school districts. (2) State the advantages and disadvantages of such consolidation.

Answer.—(1) The law you refer to, was passed by the last legislature and can be found on page 103 of the session laws of 1906 which you can see in the office of nearly any justice of the peace. It is too long to publish in this department. (2) The advantages and disadvantages of consolidation are not matters of law, but matters of fact which the residents of districts are likely to know much better than a lawyer.

TRESPASS—TREBLE AND SINGLE DAMAGES.

A Missouri Subscriber.—A has owned a tract of timber land in Missouri for thirty-five years. The land adjoining it on two sides has been cleared for several years, and used for crops. There was a fence between it and A's timber land, but it is now open. The owner of the cleared land is a non-resident, but has a tenant residing on the land. This tenant has cut a large amount of good timber on A's tract near the cleared land. When forbidden to do so he promised to not remove the cut wood then on the land, but has done so because some persons told him it belonged to the land he occupies as tenant. There has been a number of owners of the cleared land, and all agreed that the line was where the fence formerly stood and where A claims it is. Is it necessary for A to have the land re-surveyed in order to stop the thieving?

It is not necessary for A to have the land surveyed. He has a good title by what is called adverse possession. He can sue the tenant and recover treble the value of the timber he has cut, and costs. Even if the tenant can prove that he had probable grounds or reasons to believe that the timber belonged to the place he occupied as a tenant, A can nevertheless recover the value of the timber cut, and costs.

TAX TITLE IN KANSAS.

Mr. P. J. Peters, Meeker, Okla.—I had a homestead in western Kansas. The last time I paid taxes on it was in 1894. I presume it has been sold for taxes. If it has, how can I recover it and what would be the probable cost?

Answer.—In all probability, you cannot recover the land at all. The law of Kansas provides that when land is sold for taxes, the purchaser gets a certificate of purchase, and if the land is not redeemed by the owner within three years from the time of sale, the purchaser may surrender his certificate of purchase, and obtain a tax deed for the

land. He may then record his tax deed, and this deed can only be attacked in court within the next five years—if that time passes without the owner bringing suit to recover the land, he is barred. So you see, you had three years after the tax sale in which to redeem the land. If a tax deed was then issued, you had five years after it was recorded, in which to attack it for irregularity of the tax proceedings; so you are probably barred out by lapse of time. However, it might be well to consult a good lawyer in the county where the land lies, and have him investigate the records.

FISH LAW.

A Subscriber, Onslow, Iowa.—(1) What limit as to length and size does the law fix for the blade of a pocket knife? (2) Is it lawful to seine for fish in a creek in Iowa? (3) What is the law as to trot lines?

Answer.—(1) The state law does not fix the length or size of blades in pocket knives. It provides generally that it is unlawful to carry concealed weapons and prescribes penalties. (2) It is unlawful to seine for fish at any time in the streams of Iowa. (3) A person is allowed to use one trot line extending not more than half way across a stream at any time between the 15th day of May and the 15th day of November.

INCOME FROM HOMESTEAD.

Mr. Ross J. Miller, North English, Iowa.—A man died intestate leaving a widow and seven children of full age. He left an estate valued at about \$20,000, consisting in part of eighty acres of land with improvements, which was used as a home before his death, and is now used as a home for the widow. The widow and children have decided to not divide the property at present. Who is entitled to the income from the eighty acres?

Answer.—The widow is entitled to the use and occupation of forty acres of the land, including one dwelling house and other improvements appurtenant thereto, and to all the income therefrom. The income from the other forty acres belongs to the children, share and share alike, until the property shall be divided according to law, when the widow will be entitled to one-third in fee, and the children the other two-thirds in fee.

CORPORATION OWNING ITS OWN STOCK.

A Subscriber, Newburg, Iowa.—Mr. A is a stockholder in an incorporated co-operative company. The articles of incorporation provide that each share of stock (the shares being of the par value of \$10 each) shall be assessable to a like amount, in case of failure. A wishes to donate his share of stock to the company. Has the company a legal right to accept it as a part of its paid up capital, and thus become a stockholder in its own company?

Answer.—If there be no clause in the articles of incorporation, nor in the by-laws, which forbid it, A can donate his stock to the company and it can lawfully accept it, and thus become the owner of some of its own capital stock. There is nothing in the Iowa laws to prohibit it.

COMPLICATED TRANSACTIONS.

A Subscriber, Morrison, Ill.—A has three children, X, Y and Z. A relative deeded a farm to A, remainder in fee to X, Y and Z. Y is married and has become involved in debt. He gave a judgment note to A for \$300, another to W for a like sum, and still another to R for a like sum—those to W and R being dated after the one to A. A is surety on the W note, and his wife is surety on the R note. A and Y formed a partnership and rented the farm of A on shares. The \$300 note given to A was for stock, machinery, etc., used on the farm. When the lease expired A rented the farm to another person. A few weeks prior to this, A and Y sold off their property at public sale, and Y took his share of the proceeds of this sale and invested it in real estate, having the deed thereto made in his wife's name. (1) What remedy have A, W and R? (2) Can they make judgments operative against Y's share of the farm? (3) Could Y claim exemption against such judgments? (4) Is Y guilty of criminal offense? (5) Would the fact that Y really paid for the real estate, which his wife holds in her own name, be evidence that Y was trying to evade his just debts?

Answer.—(1) None at present except to sue Y on the notes and obtain judgments against him. (2) By keeping the judgments alive until A dies, they can make them operative against Y's share of the farm in which X and Z have the other interests, these rights in remainder not being available till A's death. (3) Y could claim the ordinary exemptions allowed by law to the head of a family, against such judgments. (4) He is not. (5) The facts that Y paid the consideration for the land, and that he had the deed made to his wife, would be strong evidence of fraud in connection with the other circumstances stated.

TRESPASS BY CATTLE.

Mr. A. A. Cox, Kellerton, Iowa.—I rented eighty acres of land from A and planted part of it in corn. B owns land adjoining this eighty and his cattle broke into my cornfield, and died from overeating. B claims that the cattle got into my field through that part of the line fence, which my landlord was to keep up, and wants me to pay for the cattle. I claim that they broke through B's part of the fence. He called in the trustees and they decided that neither portion of the fence was a lawful fence, but they

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also allowed me damages for the corn which the cattle destroyed. (1) Who has to pay the damages for the corn destroyed? (2) In case the cattle broke through that part of the fence which my landlord was to repair, who must pay for the cattle that died?

Answer.—(1) If the cattle broke into your field through B's part of the line fence, he must pay for the damage they did in the corn, otherwise no one is liable. (2) In such case B cannot hold anyone liable.

AN UNPAID DEBT.

A Subscriber, Remsen, Iowa.—Last April the agent of a liquor selling firm in Kansas, came to my house and sold me three gallons of liquor. He agreed to give me one month's time in which to pay for it. The liquor was shipped to me, and the day it came a letter came from the firm stating that I had thirty days' time in which to pay for it. I have received no word from the firm since. I would like to know whether or not, after so long a time, I am still liable for the price of the liquor?

Answer.—You are still liable for the price of the liquor. The seller delivered the goods. Justice, law and common honesty demand that you deliver the price. The fact that the seller has omitted or neglected to ask for his money for the last six months, does not in law have the effect of paying the debt.

PROBATE PROCEEDINGS—LAND TITLE.

Mr. Geo. W. Cale, Worthington, Minn.—A certain estate in Nebraska was probated, final settlement made and decree rendered in a certain county. The decedent at the time of his death owned land in another county in Nebraska. Is it necessary in order to make title of record perfect to this land, to have a transcript of the final decree in the probate proceedings, filed in the county where the land is located?

Answer.—It is.

HUSBAND AND WIFE—EXEMPTION.

A Subscriber, Pipestone, Minn.—(1) Can property assessed in a wife's name be lawfully attached to satisfy debts of her husband on notes given by him? (2) What live stock, wagons, buggies and farm machinery can the head of a family hold exempt from attachment in Minnesota?

Answer.—(1) It depends upon who actually owns the property. A wife might have property assessed to her, and yet not own it. By the laws of Minnesota, property which is actually owned by a married woman, cannot be made liable for her husband's debts, and cannot be lawfully attached in a suit on notes given by him. (2) Three cows, ten swine, one yoke of oxen and a horse, or in lieu of oxen and horse, a span of horses or mules; twenty sheep, one wagon cart or dray, one sleigh, two plows, one drag, and other farming utensils including tackle for teams, not exceeding \$300 in value.

How the FARMER'S WIFE CAN SAVE \$1000

2

FREE BOOKS EVERY FARMER'S WIFE SHOULD HAVE

We want every farmer's wife to know the great saving our plan of direct dealing will afford her, that is, buying direct from the manufacturer all her household supplies.

We want to show her in actual dollars and cents just how much money she can save every few weeks by our factory to family saving plan.

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In order to make this plain to her we have published these two books which every farmer's wife should have. One of them tells "How The Farmer's Wife Can Save \$10.00" in a short time and the other one "How The Farmer's Wife Can Furnish Her Home Without Cost."

The first book contains a full line of the goods we manufacture; with honest descriptions and just as an illustration we wish to mention that in baking powder alone which you are now paying your dealer 25c per can we sell you a Pure Cream Tartar Baking Powder for 12c per can, a clear saving of one-half. This same great saving is afforded throughout our entire list of 140 different articles, some of which you buy and use every day. We practically cut the dealers price in half on everything.

The other book contains illustrations and descriptions of nearly 1000 beautiful, useful articles which we give away free with purchases of our household supplies. For example—with a \$10 order of goods we give you a \$10 premium like illustration herewith or any other you may select from our premium book.

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You ought to send for these two books and learn how to save half the money you are now spending for household necessities, and how to furnish your home without cost—they are free.

SPECIAL INTRODUCTORY OFFER
To remove any doubt you might have as to whether our goods are right—whether they will be satisfactory to you in every respect, we will send any supplies you may select from our catalog to the amount of \$2.00 for only \$1.00—and prepay the charges to your address provided it is east of the Rocky Mountains. Do not send us any money. Simply order the goods and we will ship them subject to approval. If they are satisfactory when you get them send us the dollar; if not send them back at our expense. Is that not the best guarantee we could offer as to the quality of our goods? You can't afford to overlook this offer.

CROFTS & REED,

Austin Ave., Dept. 56, Chicago, Ill.

ADVERTISING NOTES.

Messrs. Smith & Armstrong, of Shenandoah, Iowa, wish to furnish Homestead readers with a list of their Iowa corn and stock farms which they have for sale. See advertisement on page 14.

Agents can make an average of \$7 per day selling the pump equalizers made by the Equalizer Manufacturing Company, of Waseo, Minn. Write them for particulars after reading the advertisement on page 7, and mention The Homestead.

The Oregon Nursery Company, of Detroit, Mich., in an advertisement found on page 8 of this issue announce that they desire salesmen to introduce Burbank's wonderful stoneless plum, Miracle, and to sell their well-known hardy nursery stock.

Mr. F. M. Klein, of Jamestown, N. D., is offering Homestead readers bargains in lands in Stutsman, Morton, Stark, Dunn, Mercer, Oliver and Billings counties, North Dakota. For further information address him as per his advertisement on page 15 of this issue.

Mr. R. E. Miller, of Iowa City, Iowa, is placing on the market a pinless clothes-line having springs attached for holding the clothes on. It is a new invention and is not sold by dealers. His advertisement appears on page 7 of this issue. A sample line will be sent for fifty cents.

A 160-acre farm in Pawnee county, Neb., 100 acres of which is under cultivation, the balance in grass pasture, creek and timber land is offered for sale on page 14 of this issue by Mr. Frank Label, of Wymore, Neb. This farm must be sold quickly and in order to do so, Mr. Label is making an attractive price.

The way the cold weather has been coming on suggests need of good warm footwear this winter. The T. M. Roberts Co-operative Supply Company, of Minneapolis, Minn., have a fit in store for everyone. Their new shoe catalog is just out. A postal will bring it. They advertise a felt and arctic combination on page 8 that is a "combination," too. Please mention The Homestead when writing them.

An unimproved section of corn land located five miles from a railroad in Faulk county, S. D., is offered for sale at a very low price per acre and on reasonable terms with no commissions, by the owner, Mr. E. M. Kieron, of Minneapolis, Minn., as per his advertisement on page 14 of this issue. This land has the best of soil and is in the artesian water belt where land is constantly changing hands, and increasing in price.

The Big Sioux Valley Land Company, of Sioux Falls, S. D., have a large number of corn lands for sale in that state and in their advertisement which will be found on page 14 of this issue, they make the statement that these lands will produce as much per acre as the higher-priced corn lands of Iowa and Illinois. If interested, or contemplating a change of location, write them for their thirty-two page pamphlet which will be sent free.

Acclimated nursery stock is the only kind that it pays to buy and plant. "Blizzard belt" fruits, ornamentals, evergreens, etc., are of this kind. The farmer should purchase only the most hardy and tested varieties on the market. He has no time to bother with any other kind. Send to the Gardner Nursery Company, Osage, Iowa, for a mine of valuable information to fruit growers and get a sweet chestnut tree free as advertised on page 11. Please mention The Homestead when writing.

There has appeared in The Homestead for a number of issues the advertisement of Mr. W. H. Grassmeyer, of Riverdale, Neb., which is located in Buffalo county, Nebraska. Three hundred and fifty acres of this farm are under cultivation, the balance in pasture and wild hay meadow, eighty acres being in alfalfa. Mr. Grassmeyer is offering this farm for sale for the reason that he desires to quit farming and engage in other business. There are over \$10,000 worth of improvements, a fine, large, new house, two large barns, two granaries, two corn cribs, scales, feed yards, etc. The farm is located within five miles of Riverdale and twelve miles from Kearney, and in one of the finest neighborhoods in the state. The owner lives on the land, 100 acres of which are now in winter wheat. This offer will bear the closest investigation and we would impress it upon those of our readers who desire to invest in a Nebraska farm that they should write Mr. Grassmeyer for full particulars. He has also a small home of twenty acres on which there are good improvements, located close to Kearney, that he is offering for sale. The advertisement referred to, found on page 15, gives more particulars in regard to both of these farms.

The W. A. Henderson Drug Company, of Clarinda, Iowa, make an announcement on page 16 of this issue that will be of interest to any of our readers who are troubled with rheumatism, indigestion or nervousness. They propose for twenty-five cents in stamps to send to any of our readers who wish to avail themselves of this opportunity one full-sized box of their ox blood tablets which are great flesh producers. These tablets are said to be particularly beneficial to thin people, having produced ten pounds in a month.

The St. Louis Fur Company, D. 224 N. Main St., St. Louis, Mo., who buy furs direct from trappers, have just issued their fall prospectus of the fur season. They believe that furs will be very much in demand, especially mink and coon skins. The prevailing fashion this winter is mink for collarettes and boas and the supply last year was inadequate to the demand for manufacturing purposes and therefore many of the early-caught skins will be used up immediately and will bring high prices. The coon skins will be used extensively for linings for automobile coats. Their advertisement appears on page 25.

Every day the matter of fertilizing land becomes more important. The best way to get all the good from manure is to spread it by a manure spreader. In buying one of these the farmer wants the best he can get at a reasonable price. You can get a manure spreader on three weeks' trial, which seems to us to be an offer that is fair. In the advertisement on page 16 of the American Harrow Company, 141 Hastings St., Detroit, Mich., will be found a proposition that is well worth investigating. This firm offer to sell direct from the factory and thus give the farmer the middleman's profit. The fact that one can buy a manure spreader on time ought to insure the purchase of one now when it is needed. Write today on a postal card.

The Homestead takes pleasure this week in calling the attention of its readers to the advertisement of Mr. A. D. Malin, of Kulm, North Dakota. It will be found on page 15 of this issue. Mr. Malin is represented to The Homestead as being very much in earnest in the belief that he is offering buyers bargains in land that will make them big money in the near future and we are assured that we may safely ask our readers to look into the investments. A friend of The Homestead, who has been acquainted with Mr. Malin for years, writes that he knows him to be a perfectly reliable man and that The Homestead will run no risk in saying something pretty strong in reference to him. Therefore, any reader of this paper who contemplates investing in North Dakota land should send Mr. Malin his address at once.

During the last few years chicken raisers who have kept close track of events, have found that the time has arrived to do away with the hen as a means of incubation. With the steady improvement in incubators and brooders perfection has been so nearly reached that a larger percentage of fertile eggs can now be hatched in a modern incubator than can be hatched under a hen, with less trouble and less expense for oil than for feed. Not only this, but there is no danger of the incubator breaking the eggs or deserting the nest. You don't need to wait until the hen gets ready to sit, but you can bring off your chickens on the very day you want them. It must be borne in mind, however, that there is a vast difference in incubators. The great success of some manufacturers, making good machines, has led to the making and marketing of a number of cheap contrivances that are only incubators in appearance. The market is being flooded with these cheap machines, which are sure to produce unsatisfactory results. There is one concern that in the face of the gradual cheapening of incubator construction has actually increased the cost of building their machine. This has been done because the management fully realizes that if a lasting and growing business is to be built, it must be done

by placing incubators on the market that give satisfaction. This concern is the Pinkerton Manufacturing Company, of 1027 North Main St., Lincoln, Neb., makers of the renowned Queen Incubator, which has taken first prize at every poultry show and fair at which it has been exhibited during the past two years. In the Queen Incubator is combined all of the good points contained in all other machines together with the very finest material and workmanship. If contemplating buying an incubator or brooder write for the Queen catalog. Queen incubators and brooders are sold with the agreement that they do not cost you a cent unless they give perfect satisfaction. See advertisement on page 12.

CATARRH

FREE ADVICE ON ITS CURE

If you have Catarrh let me show you what to do for it; how to drive every bit of it out of the system.

Without it costing you a cent, you can have the benefit of my twenty-one years of successful experience, my wide knowledge of Catarrh, its causes and its cure.

Don't neglect Catarrh! Don't let it make you into a worn-out, run-down Catarrhal wreck.

Remember, Catarrh is more than a trifling ailment, more than a disgusting trouble. It's a dangerous one. Unchecked Catarrh too frequently destroys smell, taste and hearing, and often opens the way to Consumption. Be warned in time. If you have Catarrh, start to cure it NOW!

Don't think it can't be cured because you've tried to cure it and failed.

Don't waste any more time, energy, money, in trying to conquer it with worthless patent medicines.

Catarrh can be cured, if you take it in hand the right way. Write to me today and I'll give you valuable medical advice free on just what to do for it.



CATARRH SPECIALIST SPROULE

LEARN AT ONCE HOW TO CURE CATARRH

FREE MEDICAL ADVICE COUPON!

It entitles readers of this paper to free medical advice on curing Catarrh.

Is your throat raw?
Do you sneeze often?
Is your breath foul?
Are your eyes watery?
Do you take cold easily?
Is your nose stopped up?
Do you have to spit often?
Do crusts form in your nose?
Are you worse in damp weather?
Do you blow your nose a good deal?
Are you losing your sense of smell?
Does your mouth taste bad mornings?
Do you have a dull feeling in your head?
Do you have to clear your throat on rising?
Is there a tickling sensation in your throat?
Do you have a discharge from the nose?
Does mucus drop in back of throat?

Name

Address

CATARRH SPECIALIST SPROULE,
(Graduate in Medicine and Surgery, Dublin University, Ireland, formerly Surgeon British Royal Mail Naval Service),
473 Trade Building, Boston.

Y ABSORBINE

Cures Strained Puffy Ankles, Lymphangitis, Bruises and Swellings, Lameness and Allays Pain Quickly without Blistering, removing the hair, or laying the horse up. Pleasant to use. \$2.00 per bottle, delivered with full directions. Book 5-C, free.

ABSORBINE, JR., for mankind, \$1.00 Bottle. Cures Strains, Gout, Varicose Veins, Varicocoele, Hydrocele, Prostatitis, kills pain.

W. P. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

FREE TUITION

Ten weeks to the first student to enter the Southern Minnesota Normal College from any post-office, \$1 a week to all others. Board \$1.75, room rent, 50c per week. Study Teacher's, Normal, Business, Shorthand, Law, Music, Art and Common School Branches. Money returned if not satisfactory. Per box by mail \$1. Agents wanted. At any time. Backward students receive special attention. Don't decide where to go to school until you see our catalog. Address, CHAS. R. BOOSTROM, 842 College St., AUSTIN, MINN.

CHOLERINE

Not only prevents, but will cure hot and chicken cholera, roupe, lice, mites, etc. Sold on a positive guarantee. Money returned if not satisfactory. Per box by mail \$1. Agents wanted. Cholerine Co., 301 Junction Bldg., Kansas City, Mo.

INVENT "HOW AND WHAT TO INVENT"

and "HOW TO OBTAIN PATENTS" explained FREE. CHESTER W. BROWN, Patent Atty., 906 F St., Washington, D. C.

PATENTS Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

you do not have a mill, the Bowsher's are good people to deal with. Look up their advertisement on page 13 and write to them.

WORMS IN HOGS.

The presence of worms in the intestines of hogs is the cause of more trouble than any other single agent. Worms tend to lessen the vitality of an animal, thus making it an easy prey to germ diseases. Some go so far as to say that worms kill more hogs than cholera, and that frequently cases that are pronounced cholera are due entirely to the presence of worms. Prussian hog worm powders have been prepared with but one object in view, namely, the killing and removing of all varieties of worms that are found in hogs. There are on record thousands of instances where this worm powder has done what is claimed for it without in any way injuring the hog. This worm powder is manufactured by the Prussian Remedy Company, of St. Paul, Minn., and the same firm also manufacture the Prussian Stock Food—the noted blood purifier. Prussian Poultry



Mayer

Martha Washington

Comfort Shoes

are made for genuine comfort. It is a pleasure and relief to wear them. There are no buttons to button or laces to lace. You just slip them on and off at will.

The elastic at the sides expands and contracts with the natural motion of the foot, insuring perfect ease and comfort. Can be worn all year round.

Three styles, low, medium and high. Your dealer will supply you. If not, write to us. Look for the name and trade-mark on the sole.

We also make the popular "Western Lady" shoes.

FREE Send the name of a dealer who does not handle "Martha Washington" shoes and we will send you free, postpaid, a beautiful picture of "Martha Washington," size 15x20.

F. Mayer Boot & Shoe Co.,
Milwaukee, Wis.



Food, the great egg producer, is also manufactured by the same firm. A manual of 164 pages has recently been published and will be furnished free upon application to the Prussian Remedy Company, St. Paul, Minn. Their advertisement will be found on page 8 of this issue. When writing please mention The Homestead.

LANDS IN TEXAS.

Thousands of people are now going from Iowa and other central states to the great Panhandle country of Texas and are buying farms there. In this new country they buy land very cheap. As an instance, in this issue Messrs. Boyer & Peterson, of Kansas City, Mo., are offering good Panhandle lands at from \$5 to \$20 per acre. And these lands are close to railroad and will soon double and treble in price. In fact at this time there are a great many buying lands in that section and paying more. Look this advertisement up and write Messrs. Boyer & Peterson for full particulars. Their proposition is certainly good.

SUNNY KANSAS.

At this season of the year it is natural for farmers to think of the mild winters and sunny days down in south central Kansas where cattle and horses roam at will over the broad wheat fields. Homeseekers should write to Mr. R. B. Beard, at Anthony, Kan., for information about some of the bargains he has in good wheat, corn and alfalfa land in that delightful climate. A great many Iowa men are buying land in southern Kansas and are pleased with their investments there. Mr. Beard has an advertisement on page 15 of this issue and will cheerfully answer any inquiries in regard to land in that locality. When writing tell him you saw his advertisement in The Homestead.

FEED GRINDER ON TRIAL.

If it's a feed grinder that you want, then consult the Western Harness & Supply Co., of Waterloo, Iowa, through their free catalog. They are solving the feed grinder question for many a farmer with their ten-day trial offer. Their Knox Big Grinder is a regular mill. The amount of work it will do is surprising. A man will never get cold feet working with such a machine. The company are located in one of the best manufacturing cities of the central West. They have made a study of feed grinders and their faults. Their Big Knox is a well-made grinder. The draft is light, yet it grinds fifty bushels of shelled corn per hour. There are as few parts to its construction as are in keeping with efficient work. All parts that are liable to wear are protected by cup oil bearings. Such a grinder should last a life time. In fact one set of burs has ground 10,000 bushels. You can secure the grinder direct from the factory for half the price that the local dealer would charge. Further, you can grind for neighbors and soon pay for the grinder. The advertisement on page 12 tells all about this splendid offer. You can't afford to waste corn at present prices, so send at once for their catalog and please mention this paper.

FORTIFY AGAINST FAILURE.

Young men who are looking for permanent employment where pay is certain and where there is an opportunity for rapid advancement should read the advertisement of the Wichita Telegraph College which appears on page 8 of this paper. The institution prepares students for the railway and commercial telegraph service. It is not a new school, but one that has proven that it can successfully prepare students for the telegraph service and is placing graduates in positions, who complete the course, or refund their money. A question that many a young man asks himself is: "Shall I go away to school and better qualify myself for business success or remain as I am?" Many are debating this question and still are waiting and waiting because they are not sure the results would be all they hope for. One thing is sure though, without an effort, without an experiment, he can never hope for advancement beyond his present narrow round. No one can assure him of success, whatever he does, or wherever he goes, but it is not difficult to assure him of comparative failure if he remains in the condition and under the circumstances that admit of no advancement. A course of training at the above mentioned school opens the door to advancement and any really ambitious young man or young lady should think twice before dismissing such an opportunity. This is a changing world; no place, from the highest is filled permanently, and those who are elected to do the world's work are those who are willing and are prepared. Begin today and do something looking toward advancement and that something may be simply writing for further particulars regarding the Wichita Telegraph College, 201 S. Main St., Wichita, Kan. When writing please mention this paper.

GOOD FARMS FOR SALE CHEAP.

In this issue the Allen Investment Company, of Kansas City, Mo., are offering for sale several excellent farms at very low figures considering their location. It will pay our readers to look these descriptions over, as there may be something that will just suit you. These farms are none of them more than about thirty miles from Kansas City and this is a big advantage in the way of a good market, as it saves money in the shipping of all farm products. The Allen people are only handling good farms and while they could list hundreds of farms, they only try to sell those which are actual bargains. Look up their advertisement in the Lands and Homes Department on page 15.

LAMPS RETURN TO FAVOR TO READ AND SEW BY.

Lamps for reading and sewing are still preferred by those who have much need of artificial light, though electric and gas fixtures have been made practical for such usages. The mellow light of a student or reading lamp and the strong burner in one of the "sewing" or table variety are much easier on the eyes when burned during the long fall and winter evenings than white light from gas or the glare from an incandescent globe that is not yellow or soft enough to be agreeable. Kerosene lamps of thirty or sixty candle power are found to be more serviceable than any other kind of light for night work and better for the eyes and, though it is a trouble to fill them with oil every day or two, as well as to keep the wicks in condition and the chimneys and globes clean, they are used in almost every household where the smartest gas and electric fixtures are installed. Student lamps for reading have either one or two burners, according to the purpose for which they are needed, and the variety used on a table for needlework has one large round burner. Macbeth lamp chimneys require replacing less frequently than electric bulbs or gas mantles. They don't break from heat, they fit, and they are clear as crystal.

THE DAIRY QUEEN SEPARATOR.

On our front page this week we present to our readers a photograph of the Dairy Queen Separator, manufactured by the Dairy Queen Manufacturing Company, of Flora, Ind. In calling attention to the merits of their separator the manufacturers write: "For more than twenty years centrifugal force has been employed in America in cream separation. The first separators made were very crude in construction, poor skimmers, hard to operate, and in general very undesirable. Some little improvement was made in the bowl construction, but otherwise the general construction was not changed much until in 1898, when the first Dairy Queen Separator was put in operation. The development of the Dairy Queen prior to this time covered several years of experimenting at the hands of the best dairymen that could be found, and as a result of all this time, labor and money, the Dairy Queen Hand Separator of today was produced, an ideal separator in every respect. The design is entirely different from all former construction; the crude and cumbersome frame of the old-style machines gives way to a neat, convenient and simple body frame which possesses a degree of symmetry never before attained in cream separator construction. The Dairy Queen is built on scientific and mechanical principles throughout, which is the result of many years' experience of men who are not only scientific mechanics, but practical dairymen. The machine is built, after careful study of every separator that has been made, to overcome their weak and faulty construction, and as a result we have in the Dairy Queen a separator that meets every need. It is simple, durable, practical, convenient, light running, easy to operate, and a close skimmer. There is no separator today that is as easy to take apart



Swift's Digester Tankage

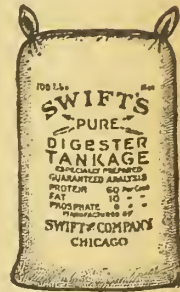
The final test of the season's feeding is the price the hogs bring in the Stock Yards at the packing house. Every good feeder wants Market-toppers—the profitable kind.

They Top the Market

When fed Swift's Digester Tankage (Protein 60%) because they stand shipment well, arrive in prime condition and look attractive to the expert hog buyer. Market-Toppers are Money-Makers. For facts, figures and prices, write us.

Swift & Company, U. S. A.

Animal Food Department, Desk 6
Union Stock Yards CHICAGO



and clean as the Dairy Queen. Our Dairy Queen is so compact that it occupies very little floor space, and this space may be anywhere about the house, as it is perfectly clean; no milk or oil gets to the floor. It can be set on carpet in the kitchen or dining room without soiling same." Those of our readers interested in cream separators will find it to their advantage and gain to write for catalog to either Mr. E. R. Bailey, of Clarinda, Iowa, or Dairy Queen Manufacturing Company, of Flora, Ind. Mr. Bailey is the distributing agent for Iowa, Nebraska and Missouri, and will be pleased to furnish any information desired. See page 6.

SPECIAL COLONIST RATES SOUTHWEST.

On the first and third Tuesdays of each month until March, 1907, inclusive, The Chicago Great Western Railway will sell one way colonist tickets to points in states of Arkansas, Colorado, Indian Territory, Kan-

sas, Louisiana, Mexico, Missouri, Nebraska, New Mexico, Oklahoma, Texas and Wyoming at rate of one-half of regular first-class one way rate plus two dollars. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

INDIANAPOLIS ROUND TRIP.

Account of the Presbyterian Brotherhood Convention The Chicago Great Western Railway will sell round trip tickets to Indianapolis and return at rate of one fare plus two dollars for the round trip on November 11th, 12th and 13th. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

DENVER AND RETURN.

On November 10th, 12th and 13th The Chicago Great Western Railway will sell round trip tickets to Denver and return at rate of one fare plus two dollars. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Direct from Mills to you we pay the freight

BEACON-ITE LONG LIFE ROOFING

Shingle roofs will rot and are liable to burn; tin and iron roofs will rust. There is only one roofing that will resist rain, wind, snow or sparks from burning buildings and never rot, rust or burn—BEACON-ITE LONG LIFE ROOFING.

It is a long wool fibre that has been thoroughly saturated in a solution, by a damp-proof process that makes it absolutely water-tight. BEACON-ITE is the only roofing that you can buy direct from the mills, thereby saving the jobber's and dealer's profit. Then again, you can put it on yourself (we furnish all necessary cement and nails free) thereby saving the expense of hiring a roofer.

If you are interested in a roofing that will cost you about one-half the price of tin or shingles and will outlast either many years, we want to send you our "Roofing Literature" and FREE samples of BEACON-ITE. Write for them to-day.

BEACON-ITE MILLS, 1105 N. 2nd St., St. Louis.



CRIMSON WONDER AGAIN No. 40785.
CHAMPION 1A STATE FAIR 1906
OWNED BY H.S. ALLEN, RUSSELL IOWA.

Crimson Wonder Again 40785, grand champion boar at Iowa State Fair, 1906. This boar weighed 555 pounds the day he was fifteen months old and his bone measured eight and seven-eighths inches on same date. His sire was champion in 1905 and his grandsire was one of the greatest boars of his day. We only have three boars left for sale sired by him. One of them has for dam the old sweepstakes sow, Nell A. You can buy one of these well worth the money. Address Mr. H. S. Allen, Russell, Iowa.

The Iowa Gate

- FOR THE FARM -



A small child can open or close it

IOWA gates are more than a convenience if women or children ever use them for being so simple they are very light and can easily be swung either way.

The Rolled Steel Tubing Frame makes them strong; not gas pipe or common steel but an extra hard steel tubing that will not bend out of shape.

The IOWA gate is made to last—no castings to break—no wearing parts—even the wires have galvanized stretchers to tighten them. Will raise over the snow in winter—will not blow down, burn or rot out.

Made any length and any kind of wire. Cheaper Than Wood. So write today for our low prices.

IOWA GATE CO. Ninth Street
CEDAR FALLS, IOWA.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

AMONG OURSELVES.

Last meeting I forgot something. I wished to call attention to "With the Editor," where extracts from Mrs. Gilman's "Family Worship" were presented for the consideration of the Home. I would like the ideas set forth by Mrs. Gilman discussed here Among Ourselves. The family, its status and its future, is, presumably, of large interest to us. Let us talk about it in a practical way. The subject should bring out some of our best writers; I trust it will.

Today, as announced last week, we shall wind up the discussion of the propriety of women working in the fields. Among the letters on this subject there are still so many good ones I am at a loss which to give you. After looking them all over carefully, I have selected five for our final consideration. First a "High-School Girl" will say a word for girls:

Will you let a young girl give her views on outdoor work? I have read and enjoyed the talks in Among Ourselves for a long time, but this subject moved me to speak. I am a young girl, a farmer's daughter, who has five sisters, but no brothers. One sister is older, the rest younger, than I. I am attending high school, some distance away, and my sisters and I have all the housework we can do mornings and evenings. I think there is no need of a girl working in the field at all, for I have never done it. Any man that is any good at all ought to be able to pay at least one hired man during the busiest seasons. Some of the girls and women round here husk corn a few weeks in the fall, but that is all, and I know of one woman, and only one, who is a field worker. There is not a worse-looking woman in the neighborhood. She does her housework up in the greatest hurry she can, and in any way whatever, just to get into the field. As to not getting fresh air unless a girl works in the field, why, that is foolishness. If a woman or girl takes good care of the poultry and garden and goes after the cows she will get all the fresh air she needs. Now, don't think we make our father do everything. No, indeed! We do the milking, help shell corn, cut potatoes for planting, and water the hogs, and when he is away we do the chores. Father is good to us and we are good to him, and in that way we get along very nicely.

After this young girl is probably the best place to introduce a young man. Roscoe Woods, friends:

I have just been reading the three articles in the issue of September 20th by "Cousin Eunice," "An Oklahoma Girl," and "Sister Lucy," and right here let me say "Hurrah for Oklahoma Girl." I, too, live in Oklahoma and sometimes, here, as in other states, help is scarce and it is no disgrace for the dainty feet to be seen in the hay field or the small hands to hold the ribbons on a lister or plow, but rather, we young men honor the girls for it. Do not misunderstand me. I do not believe that it is the girl's place to do such work, but in a pinch, all honor to the girl who can uncomplainingly help father or brother out of a difficulty. For my part I should rather see a girl's hands and face browned by sun and wind than soft and white as though those hands never did any heavier work than play the piano or hold a novel, as do some girls I know. I should like to hear from more of the young men on this subject, and I think that all true men will agree with me that honest labor, no matter where it may call one, is no disgrace. And, furthermore, let me say that I also believe it the young man's duty to go into the kitchen when he is needed. For my part when it was necessary I have helped mother cook for harvest and broomcorn hands, and have gotten the meals by myself when mother was not able to do so. And, again, I consider it no disgrace.

There is a manly ring to Roscoe Woods' remarks. When he gets him a wife, it will probably be safe enough for her to go to the fields with him now and then. He can be trusted to see that she does not overtax herself. But at the same time I will ask Reine's Husband to give us his views just at this point:

As Mrs. Walker has asked the men to write, and as I have taken a great interest in the Home Department, I will try to write as I believe most men view the subject now under discussion. The great question now is, "Should women do field work?" I say, no. First, because not one woman in ten is physically able. Second, she can't do field work and keep a home and herself nice and neat. I have never yet seen a girl that made a practice of working in the field who was popular with the young men. This doesn't include helping two or three times a year in case of a pinch. What we need is for each person to be better fitted to fill the place in life which is naturally his. Instead of field work, girls need to learn the science of cooking and composition of various foods, the art of butter-making, and profitable poultry raising. In these two latter branches their parents should be willing to increase their interest by giving them a certain part of the proceeds for pin money. It is natural to ask, what do young men admire in girls? Observation will show us it is a neat appearance, quick wit, and feminine graces. Field work is not conducive

How to Save DOLLARS in Cooking and Heating

It has cost many stove users HUNDREDS OF WASTED DOLLARS to find this out.

Cut out this Coupon and mail to us and we will solve this problem for you. You will get all this information FREE.



Sold by Leading Dealers Everywhere

FREE INFORMATION COUPON

WRITE PLAINLY and only on ONE SIDE OF THE PAPER.

Address Manager Advice Department

THE MICHIGAN STOVE COMPANY, Detroit, Mich.

Largest Makers of Stoves and Ranges in the World.

A STOVE or RANGE to meet the wants of all—also a complete line Garland Gas Ranges.

No attention can be given to your letter unless this coupon, fully filled out, is attached.

Send me free of charge your Stove Book on
Cast Ranges Base Burners
Steel Ranges Heating Stoves
Cook Stoves Oak Stoves
Gas Ranges Gas Heaters
Also your Expert Stove Advice free of charge.
Indicate this way (X) the kind of stove or range wanted.

My stove dealer's name _____

My Name _____

Address _____

State _____

ADVANCE

30 Days' Free Trial of Advance Fence

Send for as much as you need and use it 30 days. If it isn't satisfactory in every way, return it. We pay all freight. Buying fence this way makes sure of getting exactly what you want or it costs you nothing. We sell direct to you, which saves you the retailer's profit. Our peculiar method of weaving makes the stay wire a part of the whole fence. We don't cut the stay at top and bottom, or anywhere else, but weave it in for many rods without end. That puts giant strength into the fence. Get our fence book and factory prices.

Advance Fence Co., 3485 Old St., Peoria, Ill.

COILED SPRING FENCE

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed. 30 DAYS FREE TRIAL and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free. KITSelman Bros., Box 290, MUNCIE, INDIANA.

CANCER, TUMOR, ULCER,

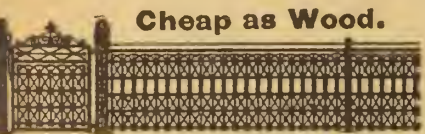
SORES and all Skin Diseases successfully treated by The McLaughlin Painless remedy. Most cases get well after One Application of the medicine on the disease for one Hour without PAIN, then go a bout your work. No matter how bad or long standing your case, you should go at once and take this treatment, the most wonderful medicine known in the World for Cancer & Tumors. Abundant proof and advice free. Dr. J. C. McLaughlin, 351 Junction Bldg., Kansas City, Mo.

CORN-HUSKERS

Don't have sore thumbs and fingers and Don't bother with making stalls. Use our ALWAYS READY TAPE

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Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 31 styles and helps of farm and poultry fence. It's free. Buy direct. Write today. COILED SPRING FENCE CO., Box 20, WINCHESTER, INDIANA.

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EARN Christmas money. We will show you how. Easy money, nice work. Chintanqua Chemical Co., P. O. Box 351 A, Jamestown, N. Y.

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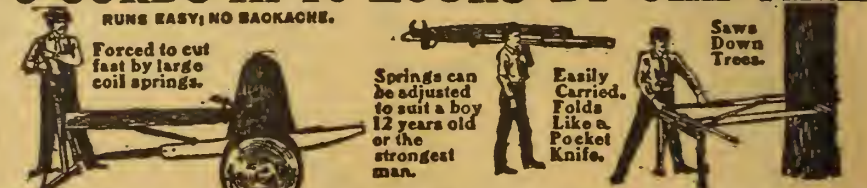
that under the same conditions as to power and speed applied, condition of corn, etc.,

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will do more and better work than any other machine of like character and corresponding size on the market, that it is simpler in construction; easier in every way to operate; easier and safer to feed and to require less power for successful operation. The proof of these claims is sent for the asking. We make also a complete line of manure spreaders, horse power, shellers, ensilage and fodder cutters, feed grinders, wood saws, windmills, etc. Remember that Appleton quality is the standard of excellence.

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With our Folding Sawing Machine. Saws any kind of timber. Instantly adjusted to cut log square on rough or level ground. Operator always stands straight. One man can saw more with it than two men can in any other way, and do it easier. Saw blades 5 1/2, 6, 8 1/2 or 7 ft. long. Champlion, Diamond or Lance Teeth, to suit your timber. GUARANTEE. If any part breaks within three years, we will send a new part without charge. Send for Free Catalog showing latest improvements, giving testimonials from thousands. First order secures agency. FOLDING SAWING MACHINE CO., 158-164 E. Harrison St., Chicago, Illinois.

to any of these qualities, but tends to develop masculinity. We husbands are but young men grown older, and are only different from them insofar as habit and environment have changed us. Very often we cannot look clean and neat during the week from the nature of our work, but how pleasing to the eye to see your wife neatly and tastefully dressed! Or, when we meet the neighbors at church or festival, what man is not proud to see his wife the nicest, the most popular there? To be a womanly woman is an accomplishment not acquired doing masculine work. Begin by setting your standard in your girlhood, and when you get married don't think it time to quit being charming, but become more so, and use your charm for the benefit of your "best man." I know some women whose husbands and growing children would love to have them look nice and be becomingly dressed. These women have excellent qualities, but that is one art they have lost pleasure in. They plod around and look dragged out. For what reason? They have lost one virtue every woman should have. Their husbands and children wouldn't own that they don't love them just as well, yet in their hearts they know they would be prouder of them if they dressed tastefully, and the mother's influence for good over their children would be greatly strengthened. There is a tendency in young married people because of the need of money for the husband to use most of the profit buying machinery and

DITCHING MACHINE.

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For Cutting Tile Ditch, CHEAP.

QUICK. Perfect. With six horses and two men the CYCLONE will easily cut FOUR HUNDRED rods of tile ditch, 24 to 30 inches deep, 9 inches wide. Sold under a guarantee to do more work than any ditching machine on earth at same cost. Every Farmer and Ditcher should know all about it. Write for circular, price, terms. SOLD DIRECT. A GREAT SELLER. A BIG MONEY-MAKER. Manufactured and sold by JESCHKE MFG. CO., BELLEVUE, OHIO.

enlarging his flocks, and for the young wife, anxious to please, to get along with the most meager amount of money possible, both thinking when a little better fixed to fix up the home and get more nice dresses for the wife. The man soon becomes accustomed to his surroundings and the use of the spare money. He has never found the time when he was well enough fixed until finally the pocketbook becomes a matter of

contention, and the woman has lost her position as her husband's equal. The plan I arranged for my wife I believe to be the only correct way. The first time I went to town after our marriage I instructed the teller at the bank where I did my business to accept my wife's check and pay from the deposit in my name, the same as though it were my own check. And I will say that she has never spent a dollar that didn't have my approval, and has never spent any considerable amount without consulting me about our assets and liabilities. We have from the beginning of our four years of married life put quite a bit of money into the home because there we have our greatest happiness. We realize that labor saving devices are a part of our capital. For instance, we bought a cream separator to save the wife, then we got a tread power and let the pet sheep run it to save the man. We intend to plumb the house for water in the near future, are blessed with our own gas well for heat and light, and a baby grand piano for pleasure. We have made a neat sum every year, not by excessive hard work, but by reasonable work and by retaining a reserve force that has given us clear heads and steady hands. The farmer has a right to the best; let him and his wife share it equally, and let animals and labor saving machinery be their servants.

There must be hundreds of young couples represented in this circle. I wish every one of them would read this letter together and allow it to influence their future; I trust many will.

Women are frequently accused of wanting the last word. They are to have it this time without asking for it. "A Grandma" will give us a new point, and then the debate will close with a bit of experience by Mrs. Redfern:

In arguments pro and con on this subject the main point has not been brought out. Nothing is said of the intellect. A girl who works on the farm all day and in the evening can sit down to her music, books, magazines or papers is not going to be injured by outdoor work. She has something to think about while at her work. She is using mind and body at the same

time; but the girl who cannot read intelligently or write legibly soon becomes a doll who is kept at men's work. My boys and girls could work together when necessity required, either indoors or in the field. One fall the girls helped in the corn field so the boys could go with them on the first day of the winter term of our school, and the boys fully realized the benefit of the girls' labor. In countries where women have to work in the fields they are allowed no improvement of mind or soul. Every energy is bent to hard work, and mind and soul are dwarfed. When nothing but mind is cultivated the body is a very poor temple for the spirit or intellect. It will never hurt a healthy American girl to do field work because her mind is well developed and her moral nature is broad and charitable.

I would like to add my mite to the subject of women working outdoors. "Missouri Mother's" idea is mine in regard to it. I have learned a very dear lesson myself. Being strong and ambitious when I married I thought I could help outside some. I soon found out that the more I did the more I was expected to do. With my little ones to do for and my housework and the outside work I did more than I should. At the age of thirty years I was a woman broken in health, and for three years, I dare say, my husband paid out more money for doctor's bills than would have paid both a man to do the work I did and keep a girl to help in the house half the time. I have two daughters. They have done little outdoor work, but they have worked as hard as any girls should while growing. The eldest is soon going to a home of her own, but being a very frail and delicate girl she will never be able to do as I did. Let us take care of our girls and not allow them to break themselves down doing men's work. If it had been intended for them to do such work our heavenly Father would have made them like me.

As "Grandma" says, the desirable thing is all-round development, but as Mrs. Redfern's experience shows, the field is not the best place to seek it. Theory is one thing, experience quite another. Theoretically, it may be proved that field work is desirable, but when women who were strong and healthy but are now broken and sickly come, telling us it was field work which wrought the change, it behooves us to pause and weigh the arguments pro and con with extreme caution.

I promised I would sum up this discussion With the Editor. I shall wait a few weeks before doing so. It is possible to have too much of even a good thing. I think we have had enough on this subject for the present.

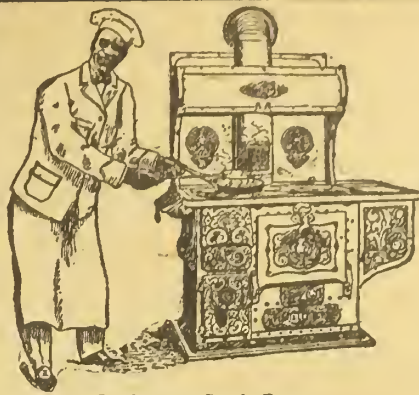
As might have been expected women who are happily married to foreign-born men are up in arms at the discrimination suggested by Mrs. Eugenia's query. A number of very spirited protests have been received. We cannot hear them all, but if we listen carefully to Grandma Grey, we shall understand how the writers of the unpublished letters feel:

It seems to me that Mrs. Eugenia must think that the foreign-born men are terrors. I think Mrs. Eugenia must judge all by that one man. And again I must say that I have just as good a husband as ever lived, and as for him expecting me to help outdoors that is something he has yet to ask me for the first time to do. It is true I help him with some little jobs, but it is because I like to get out, and then he helps me. It is nothing new for him to take the trays out of the incubator, help turn the eggs, put the trays back and help with the little chicks in the brooder; help on wash days, help in every way. As for expecting a new baby every two years—we have been married fifteen years and are blessed with three children, the youngest six years old, so you see all foreign-born men are not monsters. Again, I am personally acquainted with American husbands (right here let me say that I am an American) who expect their wives to help milk every night and morning, and raise the little chicks with the old hens. One of these men would not have an incubator in the house; would not get his wife an incubator, even when she wanted him to. And see him out there in the field! He has the very latest machinery; see him riding behind that harrow with the latest cart attached, while his wife in poor health is chasing through the wet weeds to save the chicks from the coming rain, while if she had the incubators and brooders that my foreign husband provides for me her chicks need not bother her, for they would be in a little corral till they knew when she called. Now, this is one foreign-born man and one American-born. Thank God that all Americans are not like this one. Neither are all foreign-born men as good as my husband.

What warm-hearted, thoroughgoing champions women are when their affections are called out. The foreign-born husband could not begin to defend himself as Grandma Grey has defended him. I trust he appreciates her convincing defense, and that he will be careful to live up to the character she claims for him.

There are a number of fine things still on the sideboard, but all but one must be laid back in the cupboard, to repose in cold storage for another week. I am fearful that it is too late for the friends to avail themselves of Mrs. Ellison's green tomato pickle, but it is worth taking the chance:

I have just read Mrs. J. C. Danielson's



Peoria Lexington Steel Range.

If You Are Interested

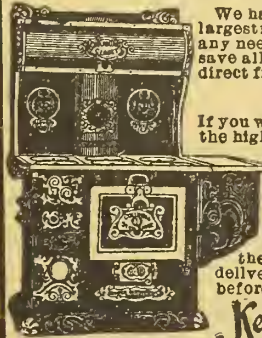
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WE WANT NAMES.

WE want YOU to send us the names and addresses of from ten to twenty-five farmers living in the United States, having a few head of stock (cows, horses, pigs). You can send us the names from any number of different post-offices. If you will send us these names we will send you TWO BEAUTIFUL COLORED PICTURES FREE. These pictures are reproductions of the most celebrated paintings in the world, and they are of high quality, and we know that you will be pleased and delighted with them; no pictures will be given for a list of less than ten farmers. We want to send a sample copy of the RURAL HOME to a lot of farmers who are not now taking our paper, and for that reason we want these names. Send us immediately a list of at least ten farmers and we will send you, postpaid, ABSOLUTELY FREE, TWO REPRODUCTIONS OF THE WORLD'S FAMOUS PICTURES, in beautiful colors, size 15x20 inches. Address THE RURAL HOME, 22 North William St., New York, N. Y.

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request for green tomato pickle, and if it is a sour pickle she wants, I will tell how I have just made some in a kind of piccadilly fashion that is pronounced fine. Perhaps it would more properly be called large cucumber pickle, as it is the only way I have ever known of utilizing the large, overgrown green cucumbers. Take equal parts of green tomatoes, cabbage and cucumbers; remove the seeds of the cucumbers and chop all together very fine (I run mine through the sausage mill); salt pretty freely and put in a flour sack and hang up to drain over night. In the morning take such spices as you prefer; boil in vinegar; pour on the pickle; mix well; pack in jar; put on a weight and set in a cool place. I have no doubt it will keep as long as it will last. I used about one box of ordinary mixed spices to two gallons of pickle. Be sure and have plenty of vinegar to cover well. If this is not what Mrs. Danielson wants, perhaps it will interest someone else. I have recently learned another way of using large green cucumbers and will "pass it on." Pare the cucumbers; taste to see that they are not bitter; slice thinly, lengthwise, and soak a few hours in salt water; then drain; roll in flour; season with pepper; put in good hot meat drippings and fry crisp and brown. You will be surprised, if you have never tried them, to find how nice they are.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

A crust of bread and a corner to sleep in,
A minute to smile and an hour to weep in,
A pint of joy to a peck of trouble,
And never a laugh but the moans come double;
And that is life!

A crust and a corner that love makes precious,
With the smiles to warm and the tears to refresh us;
And joy seems sweeter when cares come after,
And a moan is the finest of foils for laughter;
And that is life!

—Paul L. Dunbar.

Till a man has learned to be happy without the sunshine, and therein becomes capable of enjoying it perfectly, it is well that the



Highland Park College Des Moines, Iowa.

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8763 2nd Street, DES MOINES, IOWA.

sunshine and the shadow should be mingled as only God knows how to mingle them.—George MacDonald.

Do not be so unreasonable as to expect more from life in the world than life in the world is capable of giving.—John Stuart Mill.

HOW TO CLEAN WALL PAPER.

Wall paper accumulates not only dust, but actual dirt, and this condition very frequently saddens the heart of the housewife when she is unable to have her walls repapered. But if she follows these hints she will have the pleasure of seeing her walls look 50 per cent brighter and better, and in some cases rendering them quite clean. Make a mop of strips of some soft cloth, cheese cloth is the best, fastening it to an old broom handle. With this brush the paper thoroughly, ceiling



HARD WEAR

is what the SECURITY BOOT was made for. Try it.

DURABILITY

is what you are seeking. Get it by insisting on having the

SECURITY

LYCOMING DUCK BOOT.

It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

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in every inch of them.

If your dealer can't supply

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pair of SECURITY BOOTS.

HAMILTON BROWN SHOE CO.

ST. LOUIS.



When writing, mention The Homestead.

and side walls. This can be done also throughout the year, thus insuring a greater degree of healthfulness to the family and keeping the paper in prime condition as well.

In addition, mix whitening, powdered corn starch and Fuller's earth in equal quantities; dip the mop into the powder and scrub the walls well with it. Next shake every bit of powder possible from the mop and cover it with a damp flannel which is perfectly clean. With this go over the walls thoroughly, sweeping with long, straight strokes. Be sure that the flannel is only damp. When it becomes soiled remove and cover again with a fresh cover.

Often paper can be cleaned by rubbing lightly with bread crumbs, the dirt rolling off with the crumbed bread. In order to cleanse a large space at a time and do the work more evenly, it is a good idea to cut the loaf lengthwise and rub until the surface is soiled, then slice off a piece and continue until it is used up.

If there are grease spots on your paper, mix a little Fuller's earth with ammonia, and cover the spots with the thin paste, allowing it to dry on. When removing the paste, use a stiff brush, which will generally be effectual. French chalk is an invaluable remover of grease spots.

A BIT OF VERSE FOR THE AGED.

Long lines of light and one red fiery glow
Burn where the regal sun bath sunk from sight;
Throbbing sthward the broad horizon flow
Long lines of light.

They send a glory through the coming night,
As hostage for the day that darkens slow,
An earnest of the morn's more kindly might.

So when the sunset claims us and we go,
Happy if, worn with labor and with fight,
We leave above our asses lying low
Long lines of light.

FROM OUR RECIPE BOOK.

Potato Luncheon Biscuits—Boil eight potatoes and mash smoothly with a little milk. Beat into them two tablespoonfuls of flour, two of grated cheese, one teaspoonful of baking powder, sifted twice with the flour, half a teaspoonful of salt and a "suspicion" of cayenne. Mix into a light dough with one tablespoonful of cream and the yolk of an egg. Roll out half an inch thick, cut into rounds and brush over with beaten white of egg. Bake in a quick oven; split while hot, and serve at once. They are nice also for afternoon teas.

Scalloped Onions—Boil six or eight onions till tender, changing the water once while boiling. Break lightly with a spoon, and place alternate layers of onion and bread crumbs in a pudding dish, seasoning each layer with salt, pepper and melted butter. Pour over all enough milk to nearly cover them, and bake brown.

Hermits—Half a cup of butter, one egg,

four level teaspoonfuls of baking powder, one level teaspoonful of cinnamon, half of a grated nutmeg, three-quarters of a cup of sugar, two cups of pastry flour, half a cup of raisins (stoned and chopped). Beat the butter to a cream, add gradually the sugar, then the egg well beaten, and then beat in the raisins. Sift the flour, baking powder and spice together, and add them to the first mixture. Dust the board with flour, roll the mixture out in a sheet a quarter of an inch in thickness. Cut with a round cutter and bake in a moderate oven about fifteen minutes. Keep the dough as soft as possible.

NO FAMILY RESEMBLANCE.

"Is there any difference between fairies and elfins?" asked the teacher.
A pupil replied, "Yes."
"Well, then," said the teacher, "what is the difference?"
"Oh," said the boy, "the elephant is much bigger than the fairy!"

WHY HE WAS GENEROUS.

A third-grade teacher was conducting a class in fractions. After having, as she supposed, made the work clear, she said: "Robbie, would you prefer one-eighth or one-twelfth of an apple?"
"One-twelfth," replied Bobbie.
"Why?" asked the teacher, in dismay.
"Because," replied Bobbie, "I don't like apples."—Little Chronicle.

Dressmaking and Millinery—No. 541.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

There is a vogue in hair ornament that gives the up-to-datens to the coiffure, even more than does its special arrangement. Just now the reign of the back comb promises to be the distinguishing feature, not, it is true to the exclusion of the side comb, but fewer of the latter will be worn. The metal trimmed comb is declining in favor, and more often we will see the comb of one material throughout. Amber combs are noted in profusion in all the stocks where such novelties are handled, and claiming nearly equal favor is the jet comb. Besides the combs there are novelties in fancy pins for the hair, and these when worn should be of the same material as the comb or combs worn. Some of these pins are knobbed, other studded with stones that are expensive or inexpensive, according to the price one is willing to pay for them, but whatever is the choice the same selection should be made for the comb.

One of the touches in the way of trimming that belongs emphatically to the season is the application of bands, one or



[5467—Fancy Blouse Waist, 32 to 40 Bust.]

three, to the long loose or semi-fitting coat, these extending from the neck, or from the yoke if such is used, to the bottom of the garment, and more often these are used on the back of the coat only. One of these covers the back seam, (for these backs are so wide that there must usually be a seam at the center back), and one each side about half way between the center seam and the under-arm seam. A "last year's" garment may be brought up to date by applying such bands. These are usually of the cloth and are cut two inches wide, so that they finish one and one-fourth inches when the edges are turned in. Lacking the cloth, braid of the finished width mentioned may be used.

In No. 5487 is pictured a handsome fancy blouse that is somewhat on the order of the jumper waist, but is not finished quite in that mode, as the one shown closes invisibly at the center back. The waist is made on a fitted lining on which the lace yoke is arranged. At front and back are broad tucks that extend over the shoulder, giving the desired breadth. There are full length tucks at the back, but those at the front extend to yoke depth only. The sleeves are novel and may be finished in elbow or in full length, the pattern providing for both modes. The rosettes are of velvet ribbon, but fancy buttons, or covered buttons may take their place. The girdle effect shown is not a feature of the waist, as it is intended to be worn with any kind of belt or girdle. Pattern No. 5487 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure. Give size when ordering.

The novel feature of the three-piece skirt



Simpson-Eddystone Black & Whites

cover the widest range of desirable patterns, from neat pin-stripes, polka-dots and plaids to elaborate figures in dignified effects. Fast color and superior quality, insuring durable dresses.

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3. The Kansas City Weekly Star, one of the ablest general newspapers in the West.
4. The Farm Gazette, a monthly magazine of profitable agriculture, printed on fine, heavy paper, with elegant illustrations and a cover in colors.
5. The Homemaker, a delightful monthly magazine for farmers' wives, daughters and children; enlarged, improved and full of good things.

All of these valuable periodicals for the low price of \$1.25 a year, if ordered within a reasonably short time, as for sufficient reasons, we must reserve the right to withdraw this unusual offer at any time.

To secure this great bargain you must clip out the following coupon:

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Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

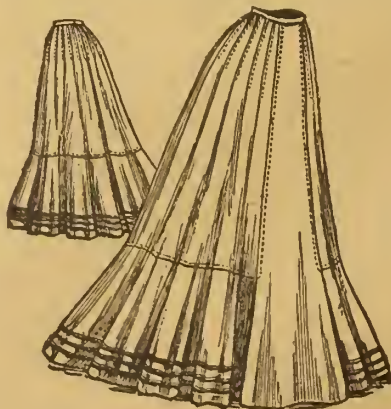
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If you are already a subscriber to any of these publications, your time will be extended for one year.

shown in No. 5478 is the circular flounce, with the full length front panel. The skirt is fitted at the waist by means of tucks. You will understand that the skirt is in three pieces, the panel front, the circular upper portion and the circular flounce. The flounce is joined to the lower edge of the



[5478—Three-Piece Skirt, 22 to 32 waist.]

circular skirt portion so that it is a necessary part of the garment. Trimming may be on the flounce and above it, or the skirt may be finished throughout with rows of stitching. Pattern No. 5478 is cut in sizes for a 22, 24, 26, 28, 30 and 32-inch waist measure. Give waist measure when ordering pattern.

Send eleven cents in money (not stamps), for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

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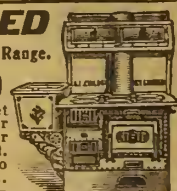
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HOMESEEKERS' RATES.

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SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson V. Matt. XXVI, 17-30, November 4, 1906.

The Lord's Supper.

All the singing pilgrim caravans had come to a halt with the high grace-note of the last "song of degrees," "Our feet shall stand within thy gates, O Jerusalem!" Green booths and snowy tents dotted all the valleys and slopes around the city, and three million worshipers made ready for the morrow. Over two hundred thousand lambs had been purchased and marked for sacrifice, and all the details of the joyous festival were being attended to.

Jesus tarried yet in the sweet and restful seclusion of Bethany; but His disciples knew very well that He Who had said: "Thus it becometh Me to fulfil all righteousness," would not ignore the great Pascha. The question was not if He would eat it, but where He would do so. Two of the disciples are at once commissioned to make the necessary preparations. They are sent with sealed orders, no doubt, to keep the traitor off their track. Not one of the remaining ten could possibly divine the place until they arrived there in the evening. A man doing a woman's work (carrying water) would be novelty enough to serve them as a sign. Jesus bade the messengers to ask for a lowly place in some hallway. He will fain make the circuit. As He spent His first night on earth in "a lodging," so He would fain spend His last one. He knows beforehand, however, that His nameless but well-to-do disciple, John Mark's father, perhaps, will give Him the best his stately manor affords.

The disciples are off at once upon their errand. They find it as Jesus has said. The proprietor of the house gladly places at their disposal a spacious room, capable of holding a hundred or more.

But they will not be asked to share it with other paschal parties. They shall have it in complete privacy. It is in the second story, which will add to their seclusion. Its walls have been freshly whitened, and the tile floor scoured for this very occasion. The low, gaily-painted table is already in position, with the couches forming three sides of a hollow square about it. The hanging-lamps, dishes, basins and water-jars are all in position. The disciples view the place with grateful satisfaction, and then hurry out to make the necessary purchases—the wine, and cakes of unleavened bread; the vinegar, salt and bitter herbs; the nuts, raisins, apples and almonds to make the compost of, reminder of the clay in the brickyards of Egypt; and, most important of all, the year-old lamb. One of them carries the lamb on his shoulders, the sacrificial knife sticking in its fleece or tied to its horns. At two o'clock in the afternoon, at sound of trumpet blast, with all others who had been similarly commissioned, they went into the inner court of the temple. At three blasts, they, with thousands of others, struck the death-blow to their victim while the priest caught the blood in a golden vessel, and passed it up to the high altar. As the disciples held the lamb upon a stick that rested upon their shoulders, it was quickly flayed. The parts devoted to God were separated; then, wrapping the victim in its own skin, they started for the house where they were to celebrate the feast. The carcass, trussed upon skewers of pomegranate in shape of a cross, was baked in the household oven.

At sundown, Jesus, with the ten, approached the city, knowing well where He would find the waiting disciples and the supper room. They enter, and the Master views the preparations with evident satisfaction. The three first stars are shining now, and the silver trumpets signal the feast to begin. Shame, shame! The unseemly dispute as to precedence breaks out once more as the disciples scramble for the most eligible places. Jesus rebukes them in an acted parable, performing for them the menial task of a scullery drudge. Now the paschal banquet begins. The ritual is used, the rubrics observed. The cup is passed with thanksgiving. Bitter herbs, dipped in vinegar, are eaten as a remembrance of Egypt. The unleavened bread with a bit of the roasted lamb upon it, is taken by each. Another cup is passed. There is the customary hand washing. Jesus, as the symposiarch, discourses upon the significance of the feast. They break out in the joyous singing of the first part of the Hallel. (Psa. cxii-cxiv.) The third and last cup goes from hand to hand, and then they sing the second part of the Hallel. (Psa. cxv-cxviii.)

At times through the feast, Jesus gives intimations, increasingly distinct, of His betrayal and betrayer. He suffers not His manner toward Judas to change. He probably let him take the chief place at the table. He certainly washed his feet, and gave him his portion with His own hand. But the devil was in his heart, and the thirty pieces in his scrip. An incubus was lifted when the apostate left the table. All that remained of the paschal ritual was the blessing of praise with which it was always closed. They were all expecting it. The innovation could not but be noticed by those who had followed one program annually from the time they were ten years old. Instead of lifting His hand in benediction, Jesus reached over to the dish of unleavened bread upon the table, and, taking a piece, He rose from the mat, and blessed it, and, as He passed from one to another, He broke it, giving each a morsel, saying: "Take, eat; this is My body." Then He filled a cup, and, again giving thanks, and passing it from one to another, He said: "This is My blood of the new covenant, which is shed for many for the remission of sins." Then followed His words of institution: "This do in remembrance of Me."

Analysis and Key.

I. Jesus' fidelity to form of religion. Question not "Would He eat the Pass-over?" but only where He would eat it.

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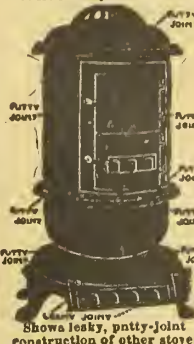
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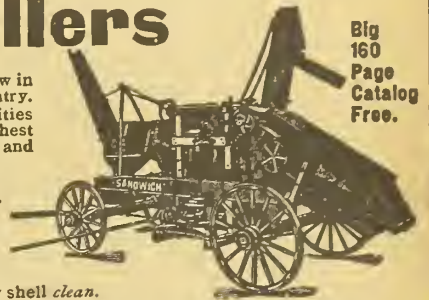
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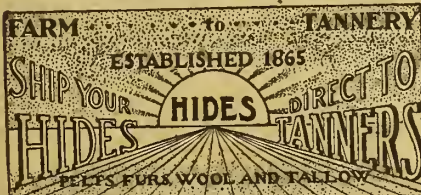
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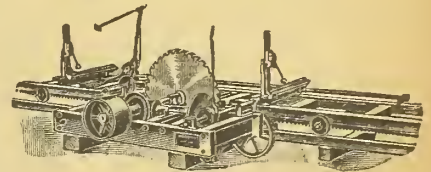
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significant. It is the Eucharist, meaning our "good thanks" for the lamb that was slain; it is the sacrament (sacramentum), our holy pledge of fealty to our Divine Leader; it is the communion (communis), sign of the intercourse and agreement we have with God and each other.

The believer should be always ready to commune, as he is supposed to be always ready to pray. But this does not render special preparation undesirable; for the communicant finds in the sacrament what he brings to it, no more and no less. Jesus is present in the ordinance only to the thought and feeling of the communicant; present only as His suffering and death are realized by faith.

To ask and to take the solemn tokens of redemption is to confess before the world and before the Church faith in the great fact.

At the table of the Lord's Supper man and God meet—man with his highest aspirations, God with His richest gifts.

Incidentally the communion is a pledge of the reunion of Jesus and all His disciples. He said He would eat no more of the bread nor drink of the cup until the kingdom should come. Then He will visibly banquet with us all in the kingdom of His father, according to His promise.

Example for present day. Face and form of religion to be maintained.

II. Passover scene and ceremony described. Use and significance.

III. Evolution of the sacrament of the Lord's Supper. Circumstance, use and significance.

The Teacher's Lantern.

The anachronism of Leonardo di Vinci's lovely and justly famous fresco of the Last Supper is obvious. He represents Jesus and the twelve sitting, in occidental style, at a modern extension table. They did not sit at all, but reclined. It was this reclining, which made it easy and natural for John to lay his head in Jesus' bosom, and for Peter and John to hold their sotto voce conversation without the traitor's observing them.

Perhaps we emphasize disproportionately the sadness of the Last Supper. Jesus, as host, would not allow the occasion to wholly lose its festive character. It was a goodly scene that the well-trimmed lamps shone down upon. The fresh turbans of blue, crimson and yellow, the animated faces, the table covered with damask and well supplied, make a study to delight a painter. The feast extended over several hours, and only the somber incidents are recorded. There must have been much joyous converse as well.

The presence of Judas was the one ugly spot on the feast of love. Jesus, without openly criminating him before the company, plainly announced that one of the twelve would betray Him. He did this for their sakes, that they might know He was perfectly aware of His impending fate, and, not being at all surprised, voluntarily submitted to it. He did it for Judas' sake. It was His last appeal to the traitor. He gave Judas the chief place at the table, washed His feet, gave him his portion with His own hand, lovingly let him know he read his wicked heart, and only when it was clearly of no avail, He bade him do quickly his wicked deed.

No question but that this upper room, forever endeared to the hearts of the apostles (and probably the property of a disciple), witnessed the appearance of the risen Christ in their midst, and of the Pentecostal effusions of the Holy Spirit. If so, it was the very cradle of the infant Church.

The various names by which the Lord's supper is known are in themselves very

SOME ALFALFA PROBLEMS.

BY WM. ERNST, NEBRASKA.

Up to the last three or four years spring seeding of alfalfa was regarded the only safe way and seeding with a nurse crop was but very little practiced. Since that time fall seeding did very well, but I attribute this change only to the increased precipitation. The following table taken at North Platte, Neb., may explain the change. The rainfall at North Platte was in 1893, 13.16 in.; 1894, 11.21 in.; 1895, 14.58 in.; 1896, 16.52 in.; 1897, 17.89 in.; 1898, 15.54 in.; 1899, 13.99 in.; 1900, 12.29 in.; 1901, 16.44 in.—nine years average, 14.51 inches. In 1902 it was 26.27 in.; 1903, 18.36 in.; 1904, 23.17 in.; 1905, 26.81 in.—four years average, 23.65 inches.

Better preparation of the soil may also have something to do with success in fall sowing. Alfalfa sown in the fall will not have to battle with the weeds like spring sowing. Corn-stalk ground well-pastured out is without doubt the best ground obtainable for spring seeding, because the ground is well packed, and a firm seed-bed is absolutely necessary for a perfect alfalfa field.

The ground should be disked as early as possible in the spring, then left alone until seeding time in last half of April, when it should be disked again, then sown broadcast and harrowed three or four times after seeding, with harrow teeth slanted back to firm the ground down. The clipping of the weeds should only be done when the plants are dry, during middle of the day, and the young alfalfa plant should not be cut close to the ground. The seed should be home grown or grown as near home as possible, and if possible, grown near the same altitude as where it is to be planted. Fall sowing should not be done later than August 15. If stubble ground is to be used, oat ground is the least desirable and should be avoided because of the physical condition of oats stubble. We all know it is the hardest to plow unless excessive rain loosens up the soil.

A very nice way to sow alfalfa, and for at madder, pasture grasses and clover, is as follows: Sow rye the fall before on deeply-plowed ground. The rye may be, or rather should be, pastured all winter and spring, then the disk should be used to practically kill all the rye. After disking, would sow and proceed the same as advised in spring sowing. No weeds will bother and what little rye survives will serve nicely as mulching for the alfalfa. Not less than twenty pounds of the best seed obtainable should be sown per acre. As to the leaf-spot disease, will say that we were bothered only once and we attributed the trouble to the fact that the alfalfa was not cut at the proper time. The second growth was well started when we cut first time and when the second crop started the leaves were badly spotted and crop very inferior, but was taken off the ground when bloom started. The third crop was all right.

Alfalfa should be cut when bloom first shows up. In this way it makes four cuttings, and the last cutting will be found the most valuable in quality, making the best of feed for poultry and brood sows during the winter. Seed growing is uncertain at an elevation of less than 1,800 feet above the sea level. The second crop is ordinarily the best for seed. This year was an exception. The first cutting made seed in some sections as well as the third, the second crop being a failure almost everywhere. Thin soil produces seed more regularly than rich, fertile soil on which the stalk generally lodges or kinks, after which but little seed sets. Thin sowing has been recommended for seed growing, but in a field of that sort fox-tail and other weeds will usually come on with the seed. The seed fills best on places where there is an excess of alkali and hard pan. An acid condition of the soil is

not only detrimental to alfalfa for hay, but it will prohibit the setting of seed. Alfalfa is said to be an insect fertilizer, but what insects do the work I do not know. One of the frauds perpetrated upon the farmer is the selling of so-called Turkistan alfalfa seed. I saw what was without question the genuine article, which came from Washington direct to our university. This alfalfa was less vigorous, with considerable less foliage in proportion to the stem than the native alfalfa, when both were grown side by side under precisely the same conditions in the same field. As a rule, seed growing is uncertain, but very profitable at times. Our largest seed crop made \$53 per acre, but all told we got only three paying crops in twenty-five years, during which time we tried for seed. A good many times, too, we found that the seed was not forming at a time when that particular cutting was almost worthless for hay and only three cuttings, all told, were harvested in the field in question.

Incubator Instructions.

To the Editor of The Homestead:

The temperature of a laying hen's body is 98 degrees. The temperature of a sitting hen's body is 103 to 105, and I have known them to register 106. A sitting hen has a fever of from five to seven degrees. It is this fever that makes them want to set. This fever stays with them to a greater or less degree until the chicks are weaned or her sitting notions have been broken up. Little chicks discover the lower temperature days before the hen quits them and become uneasy. This can be verified by any experienced poultry raiser.

In operating incubators, the tendency is towards warming the eggs up too fast. It should take two days instead of two hours. The rule when operating incubators is to run the heat up to 105 in the empty machine, set the regulator and let her "go gallagher." The cool eggs run the temperature down, it also holds the damper down and the heat of tank gets greater and greater. It would be foolish to surmise that the hen gets hotter and hotter.

The contents of an egg is one of the best-known non-conductors of heat or cold, and in order to warm eggs clear through to 103 degrees without injury to the side next the heat, it should take two days instead of two hours. As stated it is my conviction that it is the rule to warm the eggs up too fast.

My convictions drawn from experience are that 102 for the first week, 103 for the second week and 104 for the third week are the correct temperatures, and if occasionally the heat gets a little too high, that it is the proper time to turn and air the eggs. A little too high would mean 105 degrees, which sometimes occurs with the very best regulators.

The sitting hen turns and airs the eggs more than we credit her for. We draw our conclusions too much from casual notice. When we enter the room where she sits, she settles down on the eggs and gets mad. The entrance of a cat or dog has the same effect. Any unusual noise will cause her to settle down and stay that way as long as she is uneasy, but when everything is safe she is an entirely different hen. She is continually working with the eggs, has a number of motions to move, stir and turn them.

She turns them with her beak, with her feet and hocks, and very often she settles down on them and shakes her whole body. She not only does this during the day, but through the night. To verify this all you need to do is to mark the eggs late in the evening and look at the marks early in the morning. The hen not only goes through all these motions mentioned, but she settles down with her head in different directions—her whole aim seems to be to keep the eggs warm and moving.

Reader, no matter the kind of incubator, the mere turning the eggs half over once each day would be a weak mimicry of the hen. The sooner the old superstitions about eggs are put in the background and we get right down to aping the hen in dealing with the artificial method, the sooner incubators will

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The Ideal Hired Man.

That there is such a person as the ideal hired man will not admit of a doubt, although there may be some who will question the fact. Now there being such a person, the question is raised, must he be found or can he be made, and, if so, how? He is a person who has already been found and as a rule is found stopping for a considerable length of time in one and the same place. As a rule he is not a very migrating sort of person, but, on the contrary is one who is seldom out of a job, and one whose help is much sought after. In the first place, the hired man has much to do in making himself, so if the hired hand is not an ideal one, he has himself mostly to blame. Many opportunities present themselves, which if he is watchful, careful and on the alert to improve, will contribute much to his benefit.

The ideal hired man will be considerate of the rights of his employer. He will be honest and never idle away the time that belongs to his employer, for it is just as wrong to steal his time as it would be to steal his cash, and he will be just as careful of the property of his employer as though it belonged to himself. The ideal hired man must possess all the virtues and some of the vices of the average human being. He must be watchful and careful of his speech and manner, for our best and dearest are often entrusted to his care. Oftentimes he must be the "Master" and assume all the responsibility for the time being, and he must awake to all the farm's best interest, not to the farm's detriment. There should be inculcated a love for his work, not simply a love for the results obtained from the labor done, but a love for the growing things, for the wide out-of-doors, for the animals that claim our attention, and with it, care for the best results possible, for in them are our dollars and cents.

The hired man must be a born farmer to reach ideal conditions. We often say of them who succeed in certain lines, that they are a born machinist or a specialist to whatever their calling may be, so why not say born farmers? Unpleasant surroundings have driven many an ideal farm hand to less lucrative occupation and one for which he has no liking, consequently he never attains success.

But at the same time the duty of the employer must not be lost sight of. The employer must be just with his help, he should treat them as he would like to be treated were he in their places. While particular and observant he should avoid being too exacting. If ever out of patience concerning their way of doing anything, or on account of some mistake made, it is best to think twice before speaking once. Always be prompt in payment of dues for labor performed. Strive as hard to please the hired man as you would have him strive to please you. Better consult one another in regard to work rather than be overbearing in your commands. In planning your work treat the hired man as though you had confidence in his judgment. By pursuing this course it will do much toward making the ideal hired man. It is a good place to exemplify the principle of reciprocity. The employment of farming is the most honorable in the world, and one in which pride and pleasure should be taken for more than it is today. But the world moves, and the day will come when to be a farmer will be to have reached the heights of earthly possibilities. Then learn, ideal hired man, to labor and to wait.—(H. P. Nicholson, in Iowa Year Book.)

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of eggs. One pound of cut bone for a dozen hens once a day, which should not cost over a cent a pound, will produce more eggs than five times as much grain. Cut bone is complete in egg-making substances. The fall eggs are now advancing in prices and will continue to do so. Do not feed too much fresh meat and bone. Remember that a hen would have to run a long way to catch enough bugs to supply two ounces of fresh meat. Cut bone lessens the grain bill, cheapens cost of food and gives larger profits on fowls and eggs.

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THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

WHAT AILS THE SHEEP?

The man who learned the sheep business forty years ago and then went into a Rip Van Winkle sleep knows nothing about the later and most serious disorders common to flocks. Then the list of diseases sheep was heir to began with "snuffles" and ended with "grub in the head." This was about the extent of sheep disorders and most sheep died afflicted with one or the other of these well known and ancient disorders. Years ago we never heard of anthrax which has become quite common in some districts and has proven disastrous. The flocks of Wyoming were recently stricken with what was supposed to be poison but when veterinarians were consulted it proved to be anthrax.

Worms have been more or less common in flocks for years but it has been only in recent years that the twisted variety has come into prominence. The worm that causes knotty guts is also getting to be quite prevalent in some localities. The scab has become somewhat scarcer as the years go by owing to a united warfare against it on the range

and in states where it was once most prevalent.

There is now a disease, recently brought to light, known as the so-called Texas itch which is caused by a louse which infests dogs and all the canine race, such as wolves, foxes and all related animals which range over the west and the southwest, causing a watery eruption of the skin and it also forms scabs. This special louse does not affect cattle.

The way to prevent many sheep troubles is to dip them at least once, and it will be better to dip twice, annually. The dipping should be thorough so as to be effectual. A partial dipping, even with the best dips will be inadequate and will result in a failure.

The White-Metzger Sale.

The recent sale of Messrs. Geo. H. White and E. M. Metzger, at Council Bluffs, brought out a fair crowd, and a good fair average was maintained. Thirty-one head sold at an average of \$43.20, and Mr. White made an average of over \$50 on what he sold. Perfection I Know 2d, winner of third prize at Des Moines, went to Messrs. Prouty & Keeline at \$125, and Mr. E. D. Keasy, of Wlota, Iowa, bought the boar, Contractor, at \$121. The top of the Metzger offering was \$60 for the first-prize sow at the Nebraska and Interstate fair and she was purchased by Mr. F. M. Harney, of Julian, Neb. Below is a report of a few of those sold in the sale:

Lot.	Price.
1. Contractor, E. D. Keasy, Wlota, Iowa.	\$121
2. Standard Perfection, J. M. Frazeur & Sons, Fort Crook, Neb.	100
3. Boar, W. L. Geise, Underwood, Iowa	33
4. Boar, F. M. Harney, Julian, Neb.	33
5. Lady Tecumseh, Prouty & Keeline, Council Bluffs, Iowa.	101
6. Sow, Frank Owens, Weston, Iowa.	51
7. Boar, J. C. Hardman, Brayton, Iowa.	40
8. Boar, H. H. Penny, Council Bluffs, Iowa.	27
9. Sow, F. W. McIntyre, Red Oak, Iowa	36
10. Sow, same	25
11. Perfection I Know 2d, W. S. Keeline, Council Bluffs, Iowa.	125
12. Boar, Otis Allis, Council Bluffs, Ia.	25
13. Boar	18
14. Boar, L. C. Stevenson, Malvern, Ia.	22
15. Dude's Fashion, Frank Owens, West-ton, Iowa.	52
16. Dude's Gem, Frank Owens.	45
17. Dude's King, J. H. Watson, Madrid, Iowa.	42
18. Sow, Frank Owens	35
19. Sow, same	26
20. Sow, same	26
21. Sow, G. H. White, Emerson, Iowa.	28
22. Boar, Fred Martel, Hubbard, Neb.	35
23. Boar, Stageman Bros., Council Bluffs,	

Now or Never

same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, F. C. THACKABERRY.

NO. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Ewe lambs at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same Ram for sale, 130 to 175 lbs. weight. Herd Boar 81697, by Chief Perf. 2d 42559, also took 2d at same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, FAIRVIEW STOCK FARM, TAMPIO, ILL.

Iowa	35
40. Boar, J. H. Watson, Madrid, Iowa.	42
41. Boar	22
42. Sow, first-prize gilt at Nebraska State Fair, F. M. Harney, Julian, Neb.	60
43. Second-prize gilt at Nebraska State Fair, same	29

Mahr Bros.' Hog Sale

Messrs. Mahr Bros. held their second annual pure-bred Poland China hog sale at Corning, Iowa, October 20, 1906. The offering was a good one and the bidding was good from start to finish and everything brought good prices. The hogs offered were characterized by their size combined with quality and finish. The average price paid per head on the entire forty sold was \$24. The following is a list of the purchasers who paid more than \$25 per head:

Lot.	Price.
50. Fred Ruben, Brooks, Iowa.	\$26
51. Andrew Nelson, Corning, Iowa.	35
52. B. H. Hakes & Son, Williamsburg, Iowa.	37
53. G. W. Cotter, Corning, Iowa.	38
54. Thomas Bros., Corning, Iowa.	26
55. S. C. Scott, Corning, Iowa.	29
56. Jas. Herbst, Corning, Iowa.	30
57. A. G. O'Dell, Brooks, Iowa.	27
58. E. Bugg, Corning, Iowa.	27
59. W. C. Rogers, Brooks, Iowa.	26
60. L. K. Hogan, Corning, Iowa.	28
61. L. D. Smith, Corning, Iowa.	34
62. L. A. Bixler, Corning, Iowa.	36
63. Moon & Brown, Cromwell, Iowa.	33
64. H. B. Moats & Son, Villisca, Iowa.	25
65. H. Colgan, Corning, Iowa.	31
66. F. L. Clark, Corning, Iowa.	40

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO, GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneida and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Glover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy ram and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs., champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros. Kellerton, Ia.

GOTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgians stallions at \$1,000 each.

A. LATIMER WILSON, CRESTON, IA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.

GEORGE ALLEN, LEXINGTON, NEB.

FOR SALE

Six very fine Angora does and one Billy; also a very fine Scotch Collie dog six months old.

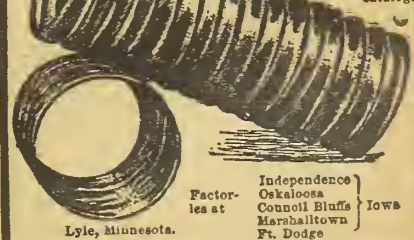
B. F. RICHARDSON, DUBUQUE, IOWA.

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

Ia. State Metal Corrugated Culvert Co.

Manufacturers of corrugated metal culverts. Most practical and durable culvert made. Bears any weight, will not break or rust, not affected by freezing. Send for catalog.



When writing please mention this paper.

AKIN HUSKER

Now, husk corn in comfort. Send 25c for the Akin Husker that fits the hand snug and solid. New adjustable peg is made of cold drawn steel and mounted with a spring.

NO BLISTERED HANDS

and fingers. Relieves strain on wrist and hand. You can husk rapidly and easily. If your dealer hasn't, it send 25c right off and learn how to enjoy husking more. Sent postpaid.

SMITH AND DAVIS
Box 2 Ames, Ia.

ADDITIONAL VETERINARY.

DROPSICAL SWELLING.

I purchased a few days ago at public sale a very fine five-year-old three-fourths blood Percheron mare and colt, dark brown color, weight 1,550 pounds. Before foaling she became much swollen under the stomach; her udder was very large, hard and inflamed, and she was stiff to some extent. She had no trouble in foaling; got along fine, the inflammation soon giving way, etc. Now to the point in question, her udder has gone forward toward the navel, four or six inches, and the mare being slightly sway-backed, the udder shows quite plain. I might say that while she has a large, full hip, they are very close together, no space, but rubbing up against each other. In feeling the udder it is not hard or lumpy and as I remember is about normal. She will likely have a colt in the spring and this is what I feel uneasy about. If it is colt founder, as some think it may be much worse next year, may it not? Have never had a veterinarian see her, preferring to first consult your department. I might also add that she has a very large stomach, dropping down well, though rounding back and front nicely, etc. She has fine action for her size and there is not the slightest enlargement of those veins under the stomach. She is a good milker and will soon want to wean the colt. Please consider this also in your answer.

There is not a single symptom of so-called "colt founder" mentioned in your description. The mare simply has had dropsical swelling of the udder and glands of abdomen and such are common where a pregnant mare is not given a roomy box stall in stable and is afraid to lie down in stall. Prevent the condition by exercising the mare thoroughly every day during pregnancy, giving her a roomy box stall and feeding succulent food and mashes during last three months of pregnancy. The position of udder cannot be changed.

WARTS.

I have four head of calves that have warts on their bodies, mostly on their necks. One of them has bunches hanging on its neck about as large as cups. Please tell me what to do for them; if they can be cured, and what caused them.

Warts are due to some abnormal condition of the skin, but exact cause never can be discovered. The warts having narrow necks may be caused to fall off by putting several small rubber bands tightly around them ligating tightly with a small cord. It is better, however, to cut out the warts and cauterize the bleeding bases with a red hot iron. Masses of small warts may be removed by rubbing with castor oil or goose grease once daily. Caustics such as nitrate of silver, caustic potash, formaldehyde and terchlorid of antimony or nitric acid may be used in place of the knife, but the operative plan is the best.

WEAK JOINTS.

I should like to know what is the matter with my colt. He is about four months old, a nice, blocky fellow, and has been growing fine so far, but there seems to be something wrong with the lower joints of his hind legs. He doesn't step through as he should. Sometimes when he walks the joints slip ahead—almost over. Perhaps I grained him a little too heavy a while ago; I fed him corn and oats mixed about half and half. I quit the corn and am feeding him a half gallon of oats three times a day; two bundles of sheaf oats for mare and colt per day, with hay, and he runs on pasture and is suckling the mare yet. Will he grow out of it and is there anything I could do for him?

We take it from your description that the fetlock joints "knuckle" forward now and then showing a weakness of the

muscles and ligaments. Such conditions are likely to be outgrown but you may greatly help matters by rubbing the tendons and joints once daily with drug-gist's soap liniment and applying a bandage when parts have dried. Remove the bandages twice a day and thoroughly hand rub the parts.

DEATH OF COLT.

I wish your opinion of the disease that caused the death of a bay horse colt four and a half months old. The colt was sick four days and would lie down most of the time. Would suckle a little when not lying down. Water leaked from its sheath a little all the time, but it did not seem to have much pain. It would make water naturally and its stools were somewhat soft. It seemed to have more pain the last day than before. What was the trouble?

There is nothing in your description to enable one to definitely conclude what disease caused death of colt. A post mortem examination always should be made in such cases. It is probable, however, that indigestion led to inflammation of the bowels and death. In that case the intestines would have been found highly inflamed and dark purple in color.

WART.

One of my two-year-old colts has what I think is a wart growing on his hind leg behind the knee joint. It is about the size of a large walnut and looks red and inflamed, and has been there about a year. It may be a little larger now than when it first started. Several of my neighbors have looked at it and all agree it is a wart, but do not know what is the best way to remove it. Kindly give me your opinion of what it is and the best way to remove it.

Cleanse part, clip hair away if long and smear lard around growth; then rub in a little powdered yellow sulphuret of arsenic. Remove scab when possible and again use the powder until the growth is cut down level with skin at which time complete the cure by applying oxid of zinc ointment twice daily.

COLIC.

I have a six-year-old mare that has repeated attacks of the colic. What can I do for her?

When colic attacks repeatedly there usually is some incurable cause, such as the presence of a calculus or aneurism or some such cause. All that can be done in such a case will be to have her teeth put in order by a veterinary dentist; then feed more carefully, giving the drinking water always before feeding, and seeing to it that the bowels are kept regulated by feeding bran mashes or carrots. At time of attack give at one dose two ounces of turpentine and half an ounce of fluid extract of cannabis indica in a pint of raw linseed oil.

BULL NOSE.

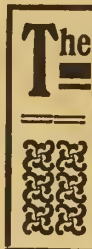
I have some pigs that do not do very well. Their noses become enlarged. Some call it "big nose," some call it "bull nose." What is the best thing to do with them?

The disease is considered incurable, and is a form of rickets, so that the tendency to it is hereditary. Badly-affected pigs should be destroyed and burned, and next season you should breed from new stock. Treat the less affected pigs by feeding tankage or blood meal along with milk, middlings, flaxseed meal, or a combination of such nitrogenous foods and mix limewater freely with all food and drink. Indeed, at first we would even give the pigs some of the lime from which the limewater was made. Scrape the sores thoroughly for removal of all dead tissue; then cauterize lightly with nitrate of silver or lunar caustic pencil. Afterward apply camphor-phenique to sores once daily. Clean up, disinfect and whitewash pens. Pigs should live an outdoor life so far as possible.

ACTINOMYCOSIS.

Please tell me through your paper what is the matter with my bull. He is a thoroughbred Short-horn, two years old, and has a very hard lump on his left jaw about as large as my fist. I first noticed it about two weeks ago. Then it was small, but it is growing fast. I think it is the big jaw. Am I correct? Is there any cure for it and if so, what is it? Should I fail to get it cured will it hurt him for breeding purposes?

The disease is actinomycosis (lumpy jaw) and will not in any way be transmitted to the offspring of the bull, but in time may lead to emaciation and weakness unless treated properly. Clip hair from part and cut into center of lump; then press up into wound some corrosive sublimate powder rolled in wet cotton batting to form a mass as big as a hazelnut. Keep this in place by pressing in cotton or oakum after it. It will cause center of tumor to slough out and this may lead to disappearance or rest of the lump. If despite this treatment it continues to increase in size, repeat the treatment and give the bull a dram of iodid of potash in water twice daily for ten days; then stop for a week and repeat. It may be neces-



Initial Watch

IS THE VERY LATEST THING IN WATCHES FOR BOYS AND GIRLS OR MEN AND WOMEN.



Your own Initial on your own Watch

That is a bright idea and a good one. The wonder is that nobody ever thought of it before. It is really the most fetching novelty of the season, the most popular fad of the moment, and a fad that has come to stay, because it is really not a fad at all, but a sensible idea. Nothing is more distinctively your own than

The Watch You Carry.

Nothing, therefore, deserves a more distinctive mark. What better mark than your own initial engraved in beautiful German text on the case? Of course you want one—you would like to be up with the fashion—but there's your old one. No initial on that, and it cost a lot more than the one we are offering.

That's just the point! This watch

Costs You Nothing.

No money—just a few minutes of your spare time, a few neighborhood calls on your friends and the watch is yours. People change watches now as often as they change hats. Have you had a new one this year with your initial on the case? If not, write us for particulars how to earn one. The chances are good that you will earn it the same day you receive our letter. It is as easy as that.

What Kind of a Watch?

To be sure, we had forgotten that, but thereby hangs a tale!

Not many years ago a young hardware merchant on a down town street in New York took up a line of small

metal clocks and made a specialty of them. They went well. He sold barrels of them; but the demand was all for smaller and still smaller clocks—smaller than anything then made, so he took a trip up into New England, among the Connecticut clock makers, in search of smaller sizes. He found one manufacturer who was willing to make the clocks as small as he wanted them—"pocket size," in fact, if he wanted them as small as that.

With that expression, "pocket size," came a new idea into the hardware dealer's brain, for a pocket size time piece is a watch of course, and this idea revolutionized the watch business of the country. He contracted for half a million pocket time pieces on the spot, the factory's entire output for a year, and this gave him temporary control of the lowest price watch ever put on the market. From this first venture he advanced to the head of the greatest watch manufacturing company in the world. His product now is

2,000,000 Watches a Year

and it scarcely equals the demand. He rolls in wealth and his name is a household word throughout America and England. You know it of course, and when we tell you that this watch is of his company's make and is fully guaranteed by the most successful watchmaker in the world, we have said enough to convince you that the watch is all right.

For full particulars, style and size and method of earning a guaranteed watch with your own initial on the case, address,

THE IOWA HOMESTEAD

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NEVER FAILS

to bring down game if skill is behind it. There are no better, safer, stronger arms than

STEVENS

the shotguns and rifles that have ever been regarded as the highest example of gun-making the world over.

Our Catalog Free

We issue a book of 140 pages, telling all you want to know about guns, rifles and pistols. How to pick out a rifle or a gun, how to take care of it. All about cartridges, targets, and similar things. Send two 2-cent stamps and we will mail it free. For 6c. in stamps we send you artistic ten-color lithograph of hunting scene.

J. STEVENS ARMS AND TOOL CO.
115 Pine Street
Chicopee Falls, Mass., U. S. A.

sary to use the latter medicine for three equal periods of time.

LAMENESS.

I have a black six-year-old mare, weighing about 1,050 pounds. She is lame in the left hind leg at knee joint and has been lame at times for one year. I notice it more after working her or driving her hard. The joint is just a shade enlarged. Would you advise blistering and how should I go at it?

It would be well to blister the joint if you are positive that is the seat of the lameness. In that case, clip hair from joint; tie mare so she cannot bite part or lie down in stall; then rub cerate of cantharides into skin a little at a time for fifteen minutes. Wash blister off in forty-eight hours; then apply lard daily. Afterward, turn her into a box stall for a week or two. It may be necessary to have the joint fired and blistered if the lameness is due to a bone spavin.

YEAST TREATMENT.

There was an article in the August 30th issue of your paper concerning the yeast treatment for barrenness, which I did not understand and as I did not get the paper in which it was explained, will you kindly explain it?

The yeast treatment is still in the experimental stage, but it is high time our correspondents should be telling us results from its use so that we might know whether or not to go on recommending it in practice. The mixture is made by stirring up a cake of compressed yeast in a little warm water to form

a paste, which should be allowed to stand in a warm room for twelve hours, at end of which time stir in a pint of lukewarm, freshly-boiled water and allow to stand, as before, when it will be ready for use. Use it by injecting into vagina after flushing out that passage with warm water. It is best used just at time when period of heat is noticed and animal should then be bred when period of heat is about over. In all cases, mouth of womb should be opened before service if there has been trouble in getting the animal to conceive. In obstinate cases, the mixture should also be used during the intervals between periods of heat, and the treatment is to be kept up in this way until the animal conceives. We will take it as a favor if readers of this paper will at once report what experience they have had with the yeast treatment. We want to know what it has done, one way or the other, and from the information so gained will be able to judge of the merits of the treatment which to date has given, so far as we are aware, both good and poor results.

KANSAS CITY ONE FARE PLUS \$2.00 ROUND TRIP.

On November 18th to 21st The Chicago Great Western Railway will sell round trip tickets to Kansas City and return at rate of one fare plus two dollars. Three trains every day and best of everything. For further information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

A WOMAN'S PHILOSOPHY.

BY A HOUSEKEEPER.

Disappointment—His appointment.
Whose? The Lord's who loves me best.
Understands and knows me fully.
Who my faith and love would test.
For like loving earthly parents,
He rejoices when he knows
That his child accepts unquestioned
All that from his wisdom flows.

Disappointment—His appointment;
Change this letter, then, dear friend.
Take in cheerful acquiescence
All thy Father's love may send.
Soon will faith be lost in vision,
Then in glory thou shalt see
"His appointment," and that only,
Was the right way home, for thee.
—Selected.

Just at this time, when the whole country is filled with disgust and loathing over the revelations of the Chicago packing house scandal, the following remarkable statement clipped from an editorial in July What to Eat will doubtless be read with much interest by thousands of farm people in the middle West:

"Compared to methods of preparing food products often practiced in the rural districts, the Chicago packing houses are even now models of cleanliness. In the country, diseased cattle and hogs are killed and marketed by some farmers just as soon as the disease is discovered, to save the farmer loss by the death of his stock. The methods of slaughtering and preparation of meats are repugnant and filthy compared to those of the big packing houses. With due reverence for the traditionally honored farmer's housewife, the truth remains that butter and milk prepared by her for the market is often more dangerous than wholesome. The vilest renovated butter turned out at the packing houses is clean and healthful compared to much of the dyed products placed on the market by the farmer's wife. Let anyone take a specimen of this bright yellow country butter to the city chemist and it will be found foul and poisonous with aniline dyes. The milk from the country home will often be found poisonous with formaldehyde, which is used as a substitute for cleanliness. Swarms of flies hover about the work-places of the country home, carrying germs from the sores on cattle to the milk pail; from the carcasses of disease-slain hogs and chickens to the butter bins; from the filth of the barnyard and garbage heap to the preserve pantry."

No doubt it will be hard for intelligent and progressive farm people, who read this statement of the editor of What to Eat, to comprehend his motive for

sending forth through the columns of his magazine such a senseless, scandalous and disgraceful libel upon conditions of life and methods of work in farm homes.

The statement that the methods of slaughter and the preparation of meats in the farm home are repugnant and filthy compared with those of the big packing houses, and that the vilest of renovated butter is healthful and clean compared with much that is placed on the market by the farmer's wife is utterly false and unfounded.

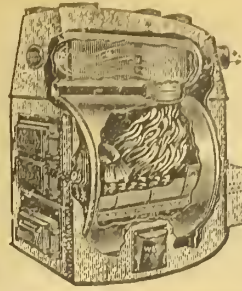
For twenty years it has been the business of the editor to investigate and understand the methods of all kinds of work in farm homes, and we are willing to state that the conditions described in the above clipping do not exist in one farm home in a thousand, and that as a rule the meat, butter and milk and all other products put on the market by farm people are clean, wholesome and healthful, far beyond those produced from factories and packing houses.

On the farm premises of not one farmer in a thousand will be found the unburied, dead carcasses of animals, on not one farm in a thousand will be found sores on the horses and cattle, and in not one farm home in a thousand do swarms of flies infest the work rooms, the butter bins, whatever they may be, or the preserve pantry of the farmer's wife.

The average farm home is as well screened, as cleanly and as wholesome as any other home in the land. The canned fruit, the preserves, jams and jellies are sealed in glass cans and kept in cool, sanitary closets or cellars that are free from flies and vermin, and many city people procure these luxuries directly from the farm home as being more wholesome and healthful than the factory made.

Further than this, we are willing to assert that not one farm woman in a thousand has ever used formaldehyde in any of her products whatsoever, and that it is an exception, rather than the rule, for farm people to color the butter they put on the market. Furthermore, the average farmer puts up his own ice, and the butter made in the farm home is kept in clean, sanitary refrigerators, and a butter bin is something we have never yet seen in any farm home and a thing which probably does not exist except in the imagination of the editor of What to Eat. We have always been in sympathy with the strenuous warfare of the editor of What to Eat on impure food stuffs and have acted as his ally in every possible way, and in view of the facts we have stated it seems to us that it is now up to him either to qualify his statements concerning sanitary conditions in the average farm home, and the quality of products put upon the market, or to state when and where he has found such conditions to exist, that such a scandalous charge may not rest upon the great majority of prosperous and intelligent farm people of the middle West.

The people worth knowing are not always those who have the finest houses and the largest bank accounts; who can



HEAT YOUR HOUSE STORE, CHURCH or SCHOOL HOUSE WITH
Bovee's Compound Horizontal Furnace Radiator 11 YEARS on the MARKET.
THOUSANDS IN USE. BURNS ANY KIND OF FUEL.

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Manufactured and Sold by the
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help you to enjoy yourself by inviting you to a house party or a yacht ride. But they are those who radiate helpfulness and good will, who make you ambitious for the highest things, who put you at your best. These are the people really worth knowing, the friends best worth having.

"HE CROWNETH THE YEAR WITH HIS GOODNESS."

"He crowneth the year with his goodness!"
The grain
Crowded storehouse and bin:
The fruit, fully ripened, lies blushing, the
cattle
Are safe gathered in.
While chill are the days of November, with
skies
That are somber and drear,
Wide, wide o'er the land he bestoweth his
bountiful
Kindness and cheer.

"He crowneth the year with his goodness!"
Far, far
O'er land and o'er main,
With longing the wayfaring pilgrim shall
turn
To the homestead again.
Joy! joy! to the happy home-coming, where
loved ones
Await his return:
The table with dainties is crowded, and festal
fires
Merrily burn.
"He crowneth the year with his goodness!"
Our Father,
A song we would raise,
A tribute of love and thanksgiving, a psalm
Of jubilant praise:
For health, peace and life, with its blessings,
the care
That hath guarded our ways;
And, oh! for thine own loving favor, the
goodness
That crowneth our days.
—Mrs. A. M. Tomlinson.

We often hear the complaint from women that their white underwear is spoiled by washing in winter, getting a dingy gray look from the coal soot in the water and in the air. Many have adopted colored petticoats for this reason, so why not use colored corset covers, thus saving the dainty white ones for summer wear? Where the family washing is done at home it will be found quite a help to lay aside the white corset covers with the white petticoats until summer comes with the clear water and sunshine. Black corset covers can be made quite ornamental. If one cannot afford the black silk a good quality of mercerized lining looks almost as well, and can be laundered easily. With a sharp steel crochet hook and a ball of yellow Silko, crochet an edge around the armholes and neck, just on the raw edge of the goods. This single crochet edge looks like a good buttonhole edge, and is much easier to do. Briar stitch with the Silko a half-inch from your crocheted edge around neck and armholes. Have the front cut full and square in the neck, and crochet a beading across the top in which to run narrow black satin ribbon to draw up the fullness. When this is completed you will have a corset cover that is not

only serviceable, but beautiful as well. Covers made in the same way from pink or blue gingham, edged and briar stitched with white Silko are quite pretty, and can be used in summer with gingham waists. Try the colored corset covers for comfort and labor-saving.—Selected.

I think the reason why married life so often has too little romance in it is because the engaged life has nothing else," writes Helen Watterson Moody in the Ladies' Home Journal. "I know of no preservation of romance in married life so sure as good housekeeping, and I know of no profession so serious, so absorbing, so demanding preparation and skill as the profession of the housewife. When a young woman marries, she really enters upon the practice of a life profession, as does a young man when he is admitted to the bar or puts out a little sign with M. D. upon it after three or four years spent in preparation. The man, you see, is willing to equip himself fully for his part of the partnership. Does it seem businesslike and in good faith for a woman to take the place of the second partner with a more indifferent training, or even none at all? I would have the young girl who has committed herself to an engagement to undertake at once a course in practical housekeeping."

For a good furniture polish, take one-half pound of beeswax, one-fourth ounce of alkanet root. Melt together in a vessel until wax is thoroughly colored, then add two ounces each of boiled linseed oil and spirits of turpentine and strain through a piece of coarse muslin.

A very good preparation to try when the hands have become rough is made of two ounces of spermaceti, two ounces of white wax and two ounces of sweet almond oil. Melt the three ingredients together over a gentle fire and add one ounce of camphor in shavings. Remove it from the fire when the camphor is dissolved and stir until the mass hardens.

Put a metal spoon or fork in a glass before pouring hot water into it. The dish will not crack so readily.

Dip your brooms in a kettle of strong suds every week or two; they will last longer and be easier on the carpets.

Hard soap is better than grease to quiet squeaking doors or to make unwilling bureau drawers submissive.

A tablespoonful of powdered alum sprinkled in a barrel of water will precipitate all impurities to the bottom.

Keep a small scrubbing brush for the sink, another for vegetables, a larger one for the floors and a wire dish cloth for ironware.

Mrs. Nellie Kedzie Jones, in discussing housekeeping before the domestic science class at the Illinois State Farmers' Institute, declared that



Buildings at Truman's Pioneer Stud Farm, Bushnell, Ill., in which are housed the champion Shires, and Hackneys, shown by Messrs. Truman, at the leading shows throughout the United States and Canada.

not one-third of the married women of our country are good housekeepers, or know how to instruct their daughters in the science of housekeeping and home-making.

It does make one tired—slang is excusable here—to read the census reports giving the number of women “engaged in self-supporting occupations,” said list including clerks, typewriters, school teachers, etc., but not one wife and mother. As if the woman who darns her husband's stockings, keeps the children's faces clean, cooks for a family of a dozen, more or less, keeps a house in order, washes, irons, bakes, mends, sews, sweeps, nurses the sick, spansks the erring and keeps an eye on a thousand and one things from early morning till late at night, and then sleeps with one eye open lest Tommy kick the bed clothes off his sturdy little limbs or badly shows signs of croup, were not “self-supporting.” But come to think of it she isn't. She supports all the rest of the family, and in nine cases out of ten has neither time nor strength left to look out for herself.—Lewiston (Me.) Journal.

It wasn't a smoking compartment, but they were using it for that purpose all the same, and she was too modest to object. By and by the two men got into discussion over the woman question, and at last one of them, an unregenerate bachelor, appealed to the lady thus: “Do you think there will be men in heaven, miss?”

She blushed. “No!” she said. “They will want to go somewhere where they

Free! Free!

To the Sick and Ailing Everywhere

THE CURE FOR YOUR DISEASE

Delivered Free---Free for the Asking---Free to You.

To the sick—the suffering—every man and woman victim of organic disease, local trouble or broken general health.



Dr. Kidd's offer of free treatment is given in the absolute faith and sincere belief that they can and will stop disease, cure it and lift you up again to health and vigor. There is no reason why you should not get well if you will only bring yourself to take the free treatment of these wonderful remedies no matter what your doubts may be.

I Want the Doubters

I want to give them the proof, the evidence and the glory of new life in their own bodies, and I want to pay the cost of this proof, all of it to the very last cent, myself. I have put my life into this work. I hold the record of thousands of cures; not “some better,” but thousands of desperate sufferers, hearty and strong, and big and well; and their letters are in my hands to prove every word I say. Rheumatism, kidney troubles, heart disease, partial paralysis, bladder troubles, stomach and bowel troubles, piles, catarrh, bronchitis, weak lungs, asthma, chronic coughs, nervousness, all female troubles, lumbago, skin diseases, scrofula, impure blood, general debility, organic vital ailments, etc., are cured to remain and continue cured. No matter how you are, no matter what your disease, I will have the remedies sent to you and given into your own hands free, paid for by me and delivered at my own cost.

These Remedies Will Cure

They have cured thousands of cases, nearly every disease, and they do cure, and there is no reason why they should not cure you—make you well, and bring you back to health and the joy of living.

Will you let me do this for you; will you let me prove it, brother and sister sufferers? Are you willing to trust a master physician, who not only makes this offer, but publishes it and then sends the test and proof of his remedies without a penny of cost to anyone except himself?

Send your name, your postoffice address and a description of your condition, and I will do my utmost to satisfy every doubt you have or can have that these remedies will save your life and make it all that nature meant to make it.

Let me make you well. Give me your name and tell me how you feel, and the proof treatment is yours at my cost. No bills of any kind, no papers, nothing, but my absolute good will and good faith.

DR. JAMES W. KIDD,

Box 104, Fort Wayne, Ind.

NOTE—Dr. Kidd, his methods and his offer are exactly as represented in every respect.

can smoke.” The discussion stopped; so did the smoking.

It is from a recollection of his own afflictions as a child that a college professor makes a plea for dirt. Children, he avers, are tortured by the madness of mothers. They are not only scrubbed with cruel frequency, but are restrained from wholesome play by the threat of punishment for soiled clothes. Nature, he maintains, has had a good purpose in implanting in every normal child a fondness for dirt, and the constant efforts to defeat this purpose must have a deleterious influence on the character.

He considers it a grave invasion of the right of childhood to insist that the human young, who are in a state of barbarism, should look like angels on parade. “The laws of nature,” he declares, “cannot be constantly violated with impunity; children who have the possibilities of a fine manhood are perverted into vain and finical peacocks by the diseased desire of mothers for unnatural cleanliness.”

Don't think because you have good eyes that they will bear all kinds of abuse.

Don't use the eyes continuously at close work, without occasionally resting them by looking off in the distance.

Don't hold the book nearer than is necessary for clear, sharp vision.

Don't make a practice of reading type too small to be seen readily at eighteen inches.

Don't attempt to read in a car or other jolting vehicle. It is a strain on the directing muscles of the eye.

Don't read while lying down. It causes an unusual strain on some of the external or directing muscles.

Don't read when very sleepy, as the accommodation and convergence are naturally relaxed, and the extra effort necessary to force the unruly members to work may be shown by a congestion of the blood vessels of the eyeball.

Don't read facing the light.

Don't read in the twilight or in badly lighted rooms.—Pacific Health Journal.

A safe way to wash colored fabrics, is to add to the water in which you intend to wash goods, from two to four quarts of cooked starch. Wash with soap in the usual way; rinse in two clear waters. Have water through whole process tepid. Hang to dry in a shady place, or better still, dry indoors. By this method, goods will look almost like new. The rule applies to cotton or woolen goods, plain or mixed colors. The starch does not stiffen goods, simply holds the colors.—Mary G. Fitch.

A delicate fancy abroad is a “sleep curtain” to hang on the wall at the head of the bed. This curtain sometimes shows a design of drooping poppies embroidered in low tones of red with gray-greens and silver-greens in the stems and leaves. Interwoven with the swaying stalks of blossoms runs a suitable legend, such as one of the following:

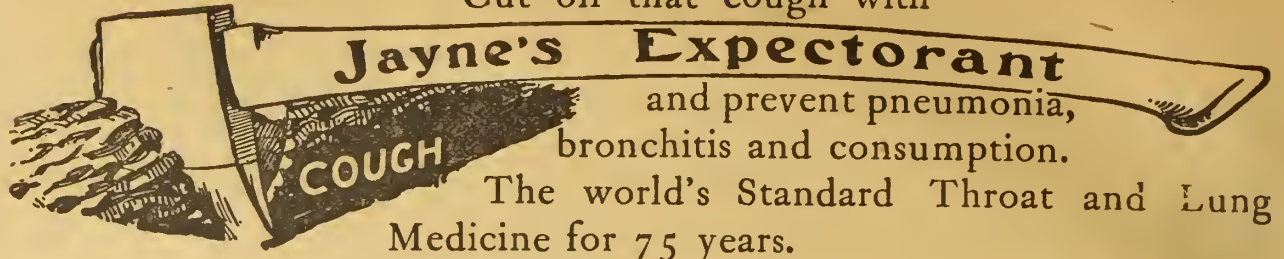
Happy be thy dreams.
Come, gentle sleep, with poppies crowned.
He shall give His angels charge concerning thee.

A curtain of this sort would make a pleasant and unusual gift to a friend.

Don't shut out the sunshine from your houses. Never mind if the curtains and carpets do become a little faded, for sunlight means health, and therefore should be allowed an entrance. It is especially important to admit sunshine into our bedrooms, if we would have our sleep as resting and invigorating as it ought to be.

A pretty ornament for gateposts or piazza rails is made of a tiny nail keg. Have holes bored in the sides. As the soil is filled in and patted firmly down (using a potato masher for the purpose) plant the seeds of various vines at the holes. If the soil isn't well pounded down as you fill the barrel,

Cut off that cough with



The world's Standard Throat and Lung Medicine for 75 years.

Get it of your druggist and keep it always ready in the house.

THE NORTH-WESTERN LINE

First-class daily through service from Des Moines to Council Bluffs, Omaha, the Black Hills, Wyoming, Colorado, Utah and the Pacific Coast on the west; to Sioux City, Mankato, St. Paul, Minneapolis, Superior and Duluth and all points in North and South Dakota, Minnesota, Northern Wisconsin and Michigan on the north, and to Chicago, Milwaukee, Peoria and the east, over

The Only Double-Track Railway Between The Missouri River and Chicago

This complete service includes electric-lighted trains of the most modern type with all provisions for safety, comfort and speed.

The Best of Everything

For booklets, maps, train schedules and full information apply to any ticket agent of The North-Western Line or address

L. F. BERRY,

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401 Walnut St., DES MOINES, IOWA.



NW665

when it settles after watering, the seeds will be buried below the holes, sinking with the dirt. Use coarse-leaved vines sparingly, for the nail keg should be a mass of living green. At the top plant vines and plants and set the whole where it will show off to advantage. A large barrel could be utilized for beautifying the stump of a tree, if treated in the same way, but I have seen only the small ones.—R.

Keep a brush at hand for cleaning lettuce, spinach, celery and similar vegetables. It does the work a great deal better than the hands alone.

Don't cook in iron vessels what can be cooked in earthenware. The heat is more uniform, the flavor better preserved and there is less liability to burn in an earthenware than in an iron vessel.

THE FARMERS.

They are building good homes and improving their lands:

They are using their brains as well as their hands:

And with modern machinery that lessens their toil

They are making good profits tilling the soil.

Since rural delivery, the telephone and the trolley have come

Their children are contented, they now stay at home:

City life for the farmers no longer has charms,

They are healthier and happier living on farms.

—Henry N. Montgomery.

Underwood, Ind.

A book is good company. Except the great out-of-doors, nothing that has so much life of its own gives so much life to us.—Beecher.

It is what we give the world, and not what we get, that determines the measure of our success.

Be thankful if you have been especial-

\$10.00 AN ACRE PROFIT.

I HAVE \$50,000 worth of central Nebraska land, in one crop county, that will sell for \$10 an acre less than same land can be duplicated for in the county. Have all sizes and kinds of farms, finely improved and unimproved, upland and bottom that does not overflow. All finely located. Am going into other business and must have the money. For full descriptions, plans, photos of buildings and farms, write the owner,

H. J. HILL, 1802 B. St., Lincoln, Neb.

ly favored this year, so that you may be able to meet your obligations.

Be thankful for all small favors, and reach out for greater, for “sad will be the day for any man when he is absolutely contented.” Press forward, and be grateful for all helps on the way. Any new method that may be introduced or offered to lighten life's cares and burdens, grasp and accept gratefully.

Many a good man has got freckles on his reputation by carrying molasses home in a demijohn.—Rural New Yorker.

Is there someone to whose happiness you are necessary? Are there those to whom your face is like a ray of the sunshine, and whose hearts grow light at the sound of your voice? You are being cheated out of the best of life unless you are making yourself indispensable to some of those about you.

It is gratifying to know that in the best country homes in our land the occupants are never worrying over their social position in the community.

Mr. H. J. Hill, of 1802 B. St., Lincoln, Neb., has \$50,000 worth of central Nebraska land that he will sell for \$10 per acre less than the same land can be duplicated for in that country. He has all sizes and kinds of farms, finely improved, and unimproved, upland and bottom lands. For full description and further information, write him at the above address. His advertisement appears on this page.

The Packer and the Producer.

Anything that promotes normal prosperity in any branch of the meat industry benefits the packer, and he is certainly glad to offer any suggestions and encourage any legitimate movement which may be of service in meeting the demands of trade.

The real dictator is the consumer, and we must as nearly as may be perfect our product so as to exactly meet his wants. This cannot be done by any one of us; there must be understanding and intelligent effort, beginning with the first step, and continuing throughout, improving the breeding, feeding, handling, displaying and selling. Quality and economy are the keynotes. Failure in any step affects the profits of all. As in other lines of business, conditions are seldom at any given time favorable for everybody. If range cattle sell high, the feeder who buys them is at a disadvantage. If they sell low, it is hard for the ranchman to feel that the feeder has not had the best of it, and if the feeder pays a high price for corn, the farmer complains. The retail market man is apt to consider that he pays too much and gets too little for his meats, while the packer and the shipper from whom he buys regard the ruling wholesale price as low, and the margin unfairly small.

We can readily agree that supply and demand determine prices, but the thousand and one underlying causes directly or indirectly affecting supply and demand and business conditions generally are not always easy to recite.

The visible supply and cost of production cannot be computed in advance, as in the coal and lumber industries. At the best there will be fluctuations due to unforeseen causes.

The price the consumer pays at retail is largely a matter of trade between himself and the market man. Prices vary as neighborhoods vary, just as one consumer habitually pays \$50 or \$60 for a suit of clothes without grumbling, because he wants the product of a fashionable tailor, when he could get probably as good a suit ready made for half the price or less, if it were not for the satisfaction he takes in flattering his pride.

The predilection of the American consumer for the cuts of beef known as rib and loin has much to do with the price of cattle. Roughly speaking, 50 per cent of the steer is edible, and of this 50 per cent only one-fourth can be classed as choice cuts; that is, as rib and loin. People are slow to learn that all cuts from a choice animal are choice. The market man often has to make his profit for the carcass out of the rib and loin. Natural conditions thus limiting the supply on the one hand and prejudice the demand on the other, it will be readily seen that there is room for improvement in the dressed meat business before all will enjoy the legitimate fruits of toil and enterprise.

It is chiefly to the edible portion of the carcass that the producer must look for improved prices. There is no such difference between the non-edible parts of one animal and those of another. The difference in value is in the beef, pork and mutton, and what the packer pays depends upon what he gets. No one can make good beef out of poor cattle. The quality of the beef is fixed before the steer reaches the slaughter house. The attention paid to the production of the better qualities has resulted in good prices for a constantly increasing number. (Address before the National Live Stock Association by Robt. C. McManus.)

Rotation in Oklahoma.

To the Editor of The Homestead:

One of the most important evils that confront the agricultural and live stock interests of Oklahoma is the land specu-

BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.

BERT RY, Plainfield, Bremer Co., Iowa

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Churner. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp.

A. J. GRAVES & SON, Ames, Iowa

ALLEN BROS.

40 O. I. C. Boars--March and April Farrow

THESE long, heavy-boned prolific kind, from litters that averaged twelve pigs. Call or address,

ALLEN BROS., Russell, Ia.

40 POLLED DURHAMS

At Auction Nov. 14, 1906, Mazon, Ill.

30 FEMALES--10 BULLS

Catalogs ready. Write—

FRED HARFORD or F. A. MURRAY, Mazon, Ill.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

latter as well as the farmer who is anxious to make a large crop record and then sell out. This class of land speculation is a danger to the agricultural and live stock interests of any new country.

Nature has adapted Oklahoma to a wide diversity of crops, and as an agricultural and general farming state it will be among the leaders when the resources are fully developed and the people understand the proper rotation of crops and the methods of improving the soil. At present most of the farmers pay no attention to the rotation of crops or the growing of tame grasses to replace the prairies that are now mostly broken out. This abuse of the soil is more to be noticed in the cotton and wheat growing counties than elsewhere. There are numberless fields that have been raising wheat and cotton ever since the country was opened for settlement. This land has produced fair crops with no attention toward rotation of crops or increasing the yield of future crops. Everything not sold is burned in time to plow for the next crop.

It is only a question of time when land worked in this way will deteriorate and fail to grow profitable crops of any kind. Farmers will then find out their mistakes and learn the value of understanding rotation of crops, value of clovers, legumes and manure in improving the soil for future crops, and the value of tame grasses to the live stock interests. One thing is certain that unless it is checked by the use of grasses many of the fields will be washed so badly that it will be impossible to work them with modern farm machinery.

I have seen some eighty and 160-acre fields that were practically ruined from soil washing. Blue grass is very well suited for upland soils in Oklahoma, and properly used will prevent soil washing the best of any grass that will thrive under the same conditions.

Alfalfa, of course, solves a great problem on some kinds of soil, but the cost of the seed and chances of failure prevent its becoming very popular as a soil builder in the near future. Clover and timothy are out of the question at present on most kinds of the soil. English blue grass is a success and will become a great factor in the development of the cattle interests and the rotation of crops. The plowing of too much natural grass and not finding tame grasses to replace the prairie grass has had a bad effect on the cattle interests; but with blue grass and some alfalfa Oklahoma will soon come to the front as a cattle producing state.

One thing noticeable at present is the class of people coming to the country and buying homes. These people are coming to stay, to build homes, improve the land, buildings, fences and improving the appearance of their homes. The people are the ones who will prove of greatest value to the state and become interested in good roads, schools and all public improvements. The present high price of land is having a good effect on the farmers in regard to improving the soil and investigating the various kinds of tame grasses.

The average crop man fails to make good on \$50 and \$60 land in Oklahoma as well as in any other country, and I think this will work a great improvement in the development of the land. Taken as a state I think the new Oklahoma has a great prospect as an agricultural and live stock producing state.

SECOND ANNUAL SALE

CHOICE POLAND CHINAS

19
BOARS

Tuesday, Nov. 13, 1906, to be held
at Stock Pavilion, Waterloo, Iowa

35
SOWS

The boars represent the best Poland breeding. Fall boars by C's Perfection 95893 will make herd headers. Those sired by Max 95039, the herd boar, are strong individuals in merit and breeding. Sows are by Model R. 24 79187, an 800-pound hog with worlds of bone, size and quality. Sows by Improver 24679 that are tried breeders. Also some by C's Perfection as good as you will find. They will grace any herd. A grand lot of gilts by Max that will be well worth the money. Don't miss this chance to get first-class young boars at your own price. Sows are open and arrangements can be made for having them bred. All stock guaranteed. Send for catalog and come and have a good time.

WM. CROWNOVER,

PARAMOUNT STOCK FARM,

WM. HOLLAND,
Auctioneer.

HUDSON, IOWA.

JNO. H. HARVEY & SON SELL POLAND CHINAS

At Maryville, Mo., Saturday, Nov. 17.

33 Boars = 28 Sows

THREE spring boars got by the great Nemo L's Dude and out of a Corwin bred sow should go to head good herds. They weigh 275 lbs. each, have the bone and are smooth fancy fellows. We also sell a few fall males, 25 strong spring boars and 28 extra good spring gilts. Tecumseh strains predominate. All are the big kind. Write for catalog.

JOHN H. HARVEY & SON,

MARYVILLE, MO.

TOO LATE TO CLASSIFY.

100 EXCELLENT, LARGE-BONED POLAND CHINA SPRING PIGS

FOR SALE—A number of one and two-year-old sows and one fall yearling boar. Also my herd boar, Ideal Perfection 37754, farrowed May 2, 1904. Most of my pigs are sired by him. He was a prize winner at Iowa State Fair in 1905. I will warrant him right in every way. I will ship him on approval east or west. This is the way I ship all my stock. You don't buy a pig in a sack when you buy from me. M. P. LYDON, Cresco, Howard County, Iowa.

30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address,

JOHN WEIGHTON,

Audubon, Iowa.

WILLOWDALE POLAND CHINAS.

MODERATE prices for the best blood of the breed. Herd headed by Master Sunshine 72227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S. best sow outside of Perfection family. M. S. is assisted by Eldorado 104425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Meddler, Corrector 2d, Spellbinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockerels, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

POLAND CHINA HERD BOAR

FOR SALE—A. L. Keep On 102883, a son of Perfect Keep On, has good length, fine head, is in good condition. Also some good spring boars of March and April farrow out of old dams. A few yearling Aberdeen Angus bulls from matured dams. F. T. Wells, Bristow, Iowa.

BOARS! BOARS! BOARS!

WILL offer special prices on extra good Duroc pigs if taken at once. Pigs by ten leading sires including Ohio Chief, Higgin's Model, Morrison's Bell Top and others. Write me at once. Boar sale Nov. 10th. Frank Alldritt, Friend, Neb.

Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Bevington, Kingsley, Ia.

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. run lambs. Wish to make room for new importation. D. M. NORTON, Sanborn, Iowa.

40 TOPPY DUROC JERSEY BOARS 40

SIRE by Junior Jim, 2d prize winner at Des Moines, Glendine Critic, 2d prize boar at Nebraska state fair, and Long Alex, little brother to the sweetest sow Alex H. Good ones. AUSTIN RENSIAW, Blair, Neb.

30 CHOICE

Single Comb Brown Leghorn Cockerels

All good ones and from the very best of stock. Address, JNO. C. MILLER, Harlan, Iowa

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

POLAND CHINAS

Over 100 Head.

AUGUST POST, Moulton, Iowa

GROWTHY POLAND CHINA BOARS AND GILTS

OUT of mature parents. Best breeding, good bone. Write for breeding and show winnings.

IDEAL STOCK FARM.

W. C. WENDT & SONS, R. 2, Donnellson, Iowa

CYCLONE HERD OF DUROC JERSEYS

YOUNG hogs, both sexes, for sale. Good color, heavy bone and good length. Strong and vigorous, from prolific families. Prices reasonable. F. M. JENKINS, Pomeroy, Iowa.

40 HEAD of unbranded sucking colts from mares weighing 1050 to 1500 lbs., \$40. 20 head of broke horses and mares. A. Y. Hauge, Bovine, S. Dak.

LAND FOR STALLIONS.

320 ACRES of nice, smooth, black, productive land, 100 miles southwest of Kansas City; fair improvements; close to town; will raise corn, wheat or alfalfa. Price, \$35 an acre, clear. Will trade part or all for sound, young stallions.

BOX A, EUREKA, KANSAS.

BOARS AND GILTS

THE Iowa State College offers for sale some choice early boars of the following breeds: Chester White, Duroc Jersey, Tamworth and Yorkshire; also a good lot of young gilts of the various breeds, including Poland Chinas and Tamworths, and six young bulls, three Holstein and three Red Polled. Address,

DIVISION OF AGRICULTURE,
Iowa State College, Ames, Iowa

Buddy K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhoads Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,

PAWNEE, ILLINOIS

DOUBLE STANDARD POLLED DURHAMS.

FOR SALE

TO reduce my herd of 80 head and to make room, will sell a car load or any number to suit, of cows and heifers; also 10 young bulls and my herd bull Stormlake Hamilton S. H. 23232 P. D. 2708 three years old, a son of the famous show bull Young Hamilton S. H. 114169 P. D. 49. For full information write or come and see.

L. L. Henningsen, R. F. D. 1, Dike, Grundy Co., Ia.

On the C. & N. W. R. R., 48 miles N.W. of Belle Plain, Iowa.

9 Short-horn BULLS FOR SALE

A T Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, BELMONT, IA.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

CHESTER Whites. I have a few choice boars of April farrow yet to sell. Prices right, quality guaranteed. Call or write. Minton L. Chulberg, Ogden, Ia.

THE Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

Horse Owners! Use GOMBAULT'S Caustic Balsam

The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE-WILLIAMS CO., Cleveland, O.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Nov. 1, Mt. Pleasant, Iowa, D. R. Mills, Mgr.
Nov. 1, Jno. Rasmussen, Lake City, Iowa.
Nov. 6, S. E. Prather Co., at Springfield, Ill.
Nov. 13, The Shelby County Breeders' Ass'n, at Harlan, Iowa.
Nov. 14, S. H. Thompson's Sons and Wm. Smith & Sons, West Liberty, Iowa.
Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
Nov. 20, J. W. Leeper, Auburn, Neb.
Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
Nov. 24, W. M. McLemore, Seward, Neb.
Nov. 27, 28, Parsons, Turner & Stewart, Newton, Iowa.
Nov. 27, Delmar McCann, Kennard, Neb.
Nov. 30, Wayne County Short-horn Breeders' Ass'n, J. S. Crosby, Secy., Corydon, Iowa.
Dec. 7, H. S. Duncan & Sons, Clearfield, Ia.
Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
Dec. 12, Combination sale at Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
Dec. 12, J. W. Hanna & A. Robertson, Garrison, Iowa.
Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
Dec. 18, G. W. Harrison, Washta, Iowa.
Dec. 18, Joint Breeders' Sale, Marysville, Kan., F. P. Healy, Mgr.
Dec. 19, J. R. Mills & Son, Perry, Iowa.
Dec. 19, C. A. Saunders, Manilla, Iowa.
Dec. 20, James Burk, Stanwood, Iowa.
Dec. 20, J. C. Hardman, Brayton, Iowa.
Jan. 26, John Black, Randolph, Neb.
Feb. 6, Geo. H. Miller, Harlan, Iowa.
Mar. 12, 13, C. R. Steele, Ireton, Iowa.
March 20, James Stack, Harvard, Neb.

ABERDEEN ANGUS.

Nov. 8, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.
Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
Nov. 23, J. Nielsen, Meservey, Iowa.
Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
Jan. 16, H. J. Hess, Waterloo, Iowa.
Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
Mar. 7, C. H. Seibel, Paton, Iowa.
Mar. 20-31, Combination sale, Kanana City, Mo., M. A. Judy, Mgr.
May 1-2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
May 28, C. J. Martin, Churdan, Iowa.
June 4-5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

HEREFORDS.

Nov. 7, Steward & Hutcheon, at Bolckow, Mo.
Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
Dec. 11-12, Armour-Funkhouser, Kansas City, Mo.
Dec. 19, E. R. Morgan, Blue Rapids, Kan.
June 18, Hood & Baker, Dunlap, Iowa.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

GALLOWAYS.

Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
Dec. 6, American Galloway Breeders' Ass'n Combination Sale, Chicago, Ill.

SHORT-HORNS AND POLAND CHINAS.

Nov. 21, Saddler Bros., Hastings, Neb.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Gillsman, South Omaha, Neb.
Feb. 25, W. C. Cameron, Herman, Neb.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Charlton, Iowa, C. W. Huntley, Secy.

POLAND CHINAS.

Nov. 7, W. J. Crow, Webb, Iowa.
Nov. 8, A. W. Holland, New London, Iowa.
Nov. 13, H. Read, Frankfort, Kan.
Nov. 15, A. L. Meith, Cairo, Neb.
Nov. 17, J. H. Harvey & Son, Maryville, Mo.
Nov. 26, G. B. Lobb & Son, Clay Center, Neb.
Jan. 22, Roy Rockwell, Paullina, Iowa.
Jan. 31, W. F. Garrett & Sons and John H. Harvey & Son, Maryville, Mo.
Feb. 5, Henry Dorr, Remsen, Iowa.
Feb. 6, J. L. Miller & Sons, Brooklyn, Iowa.
Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
Feb. 9, Wm. Ray & Son, Defiance, Iowa.
Feb. 11, Dan Needham, Woodward, Iowa.
Feb. 12, Jas. Watson, Madrid, Iowa.
Feb. 13, E. D. Keasey, Wlotka, Iowa.
Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.
Feb. 19, C. F. Hood, Battle Creek, Iowa.
Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
Feb. 20, A. C. Lanham, Battle Creek, Iowa.
Feb. 20, W. J. Crow, Webb, Iowa.
Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
Feb. 20, C. W. Phillips, New Sharon, Iowa.
Feb. 21, W. N. Booth, Danbury, Iowa.
Feb. 22, Chas. Cook, Danbury, Iowa.
Feb. 27, W. W. Wheeler, Harlan, Iowa.

PERCHERONS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.
Jan. 25, M. S. Moats & Son, Randolph, Neb.
SHORT-HORNS AND ABERDEEN ANGUS.
Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

JACKS AND JENNETS.

March 6, L. M. Monsees & Sons, Smithton, Mo.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Nov. 1, Ed. A. Baxter, Pawnee, Ill.
Nov. 2, Fred Kraschel & Son, Macon, Ill.
Nov. 2, Welch, Skinner & Son, Bedford, Ia.
Nov. 3, Ernest Humbert, Corning, Iowa.
Nov. 7, Thos. Johnson, Columbus, Ohio.
Nov. 8, S. S. Puckett, Lynchburg, Ohio.
Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
Nov. 9, Whitehall Farm, Yellow Springs, O.
Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
Nov. 14, Stansell & Matern, McNabb, Ill.
Nov. 20, Hood & Baker, Dunlap, Iowa.
Nov. 27, E. A. Olive, Scranton, Iowa.
Nov. 27, Closing out sale, boars and sows, J. F. Lentz, Earlham, Iowa.
Dec. 26, W. D. Pittman, Lake City, Iowa.
Jan. 12, Hood & Baker, Dunlap, Iowa.
Jan. 15, A. L. Bergsten, Mount Union, Iowa.
Jan. 16, W. W. Wheeler, Harlan, Iowa.
Jan. 16, S. G. Collicott, Lake City, Iowa.
Jan. 17, McNeil Bros., Bowen, Ill.
Jan. 19, August Voge, Portsmouth, Iowa.
Jan. 21, Grant Hockett, Manning, Iowa.
Jan. 22, Hanks & Bishop, New London, Iowa.
Jan. 22, Jno. Weighton, Audubon, Iowa.
Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
Jan. 23, C. A. Smith, Sciota, Ill.
Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
Jan. 24, Stansell & Matern, McNabb, Ill.
Jan. 24, J. E. Wehr, Portsmouth, Iowa.
Jan. 24, Reil & Cooper, Ferris, Ill.
Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
Jan. 25, E. M. Castle & Son, Joy, Ill.
Jan. 25, F. E. Garrett, Lohrville, Iowa.
Jan. 25, N. B. Cutler, Carthage, Ill.
Jan. 28, O. L. Mossman, Polk City, Iowa.
Jan. 29, A. L. Mossman, Radcliffe, Iowa.
Jan. 29, H. B. Griffiths, Bowen, Ill.
Jan. 29, Claude Huffman, Scranton, Iowa.
Jan. 30, O. E. Osborn, Weston, Iowa.
Jan. 31, R. J. Harding, Carson, Iowa.
Jan. 31, Norrish & Bevington, Kingsley, Iowa.
Jan. 31, Thomas & Hogsett, Golden, Ill.
Feb. 1, W. A. Rankin, Carson, Iowa.
Feb. 1, H. R. Bell, Lawton, Iowa.
Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
Feb. 4, Roy West, Bondurant, Iowa.
Feb. 5, Manley & Co., Lyons, Neb.
Feb. 5, M. W. Greer & Son, Rushville, Ill.
Feb. 5, Sundburg & Olson, Madrid, Iowa.
Feb. 6, E. Z. Russell, Blair, Neb.
Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
Feb. 6, W. R. Bennethum, Madrid, Iowa.
Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
Feb. 7, Ed. A. Baxter, Pawnee, Ill.
Feb. 7, H. S. Allen, Russell, Iowa.
Feb. 7, A. F. Sundell, Paton, Iowa.
Feb. 8, Fred Kraschel & Son, Macon, Ill.
Feb. 8, E. R. Wood, Jefferson, Iowa.
Feb. 8, O. Osborn, Maxwell, Iowa.
Feb. 9, T. W. Stoner & Son, Henry, Ill.
Feb. 9, W. J. Hartung, Maxwell, Iowa.
Feb. 10, J. A. Teter, Remington, Ind.
Feb. 10, Arch Brown, Waterloo, Neb.
Feb. 11, S. P. Freed, Ames, Iowa.
Feb. 12, H. Riggins and C. T. Rodgers, Petersburg, Ill.
Feb. 12, A. P. Alsins, Boone, Iowa.
Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
Feb. 13, T. E. Laurie, Jacksonsville, Ill.
Feb. 13, B. C. Marts, Polk City, Iowa.
Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
Feb. 14, B. W. Hale, Laddonia, Mo.
Feb. 14, White Hall, Yellow Springs, Ohio.
Feb. 15, A. W. Harris & Son, Waverly, Ky., at Louisville, Ky.
Feb. 15, Carl Hansen, Herman, Neb.
Feb. 15, Maupin & Applegate, Shelbyna, Mo.
Feb. 15, John Justice, Ankeny, Iowa.
Feb. 15, Watt & Foust, Cedarville and Xenia, Ohio.
Feb. 16, H. A. Sherwood, Hartwick, Iowa.
Feb. 16, Clark & Tryon, Wausau, Neb.
Feb. 18, John Lyden, Beldon, Neb.
Feb. 18, A. E. Poush, Charlton, Iowa.
Feb. 19, J. H. Habenicht, Clare, Iowa.
Feb. 19, M. S. Moats & Son, Randolph, Neb.
Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
Feb. 20, White & Dewey, Shannon City, Ia.
Feb. 20, John Black, Randolph, Neb.
Feb. 21, B. R. Miller, Randolph, Neb.
Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
Feb. 21, M. A. Cromwell, Gilbert, Iowa.
Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
Feb. 22, W. C. Holmes, Osmond, Neb.
Feb. 22, R. A. Tawney, Pierce, Neb.
Feb. 22, W. L. Addy & Son, Parnell, Mo.
Feb. 23, S. R. Murphy, Savannah, Mo.
Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
Feb. 26, Geo. C. Blessing, Homer, Neb.

THE ONLY WAY DUCRO CIRCUIT.

Feb. 19, E. H. Deal, Fred Schwellert & J. H. Norton, Elwood, Ill.
Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
Feb. 21, Frank M. Erschen, Odell, Ill.

SHROPSHIRE SHEEP.

Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

POLAND CHINAS AND HEREFORDS.

Feb. 14, Peter Mouw, Orange City, Iowa.

REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hart, Arrowsmith, Ill., Mgr.

O. I. C. HOGS.

Nov. 2, O. L. Kerr, Independence, Mo.
Jan. 18, J. L. Barber, Harlan, Iowa.

SHORT-HORNS, POLLED DURHAMS AND POLAND CHINAS.

Nov. 15, J. C. Glaser, Avon, Ill.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

THOROUGHbred HOGS AND CATTLE.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

HEREFORDS AND SHORT-HORNS.
Nov. 1-2, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.
Nov. 27-30, South St. Paul, Minn., D. R. Mills, Mgr.
SHORT-HORNS AND POLLED DURHAMS.
Nov. 15, L. W. Barnhart, South English, Iowa.

FIELD NOTES.

Ohio Chief, boars are offered for sale by Mr. W. D. Pittman, of Lake City, Iowa.

Mr. M. M. Elmendorf, of Lacona, Iowa, has twenty-five Duroc Jersey boars for sale.

Good Duroc Jersey boars are offered for sale by Messrs. Clark & Tryon, of Wausa, Neb.

Tamworth boars are offered for sale by Messrs. Norrish & Bevington, of Kingsley, Iowa.

Good Duroc Jerseys boars are offered for sale by Messrs. Sheldon Bros., of Shannon City, Iowa.

Read the advertisement of Messrs. A. B. Easter & Son, of Fremont, Neb., if you want Duroc Jerseys.

Mr. Gus A. Pederson, of Ocheyedan, Iowa, is offering some extra good bargains in Duroc Jersey boars.

Some good Orion boars are offered for sale by Messrs. Manley & Co., of Lyons, Neb. They can also spare a few choice gilts and brood sows.

Mr. Austin Renshaw, of Blair, Neb., is offering some good Duroc Jersey boars for sale sired by the noted prize-winning boar, Junior Jim.

Mr. William Malcolm, of Brewster, Minn., is offering some splendid young boars for sale sired by his sweepstakes boar at the Minnesota State Fair.

Mr. August Post, of Moulton, Iowa, has over 100 head of Poland Chinas for sale. See his advertisement on page 31 and write him for prices and descriptions.

In our date claim columns this week, Mr. J. L. Barber, of Harlan, Iowa, claims January 18, 1907, as a date on which to hold a public sale of Chester White bred sows.

If any of our readers want a good Duroc Jersey boar at a reduced price they can get him of Mr. J. F. Lentz, of Earlham, Iowa. He has sold his farm and most close them out.

Mr. John C. Miller, of Harlan, Iowa, advertises thirty choice Single Comb Brown Leghorn cockerels for sale. Read his advertisement and write him at once if you are wanting this popular fowl.

Mr. F. M. Jenkins, of Pomeroy, Iowa, is offering young Duroc Jerseys of both sexes for sale. They have good color, heavy bone and good length. See his advertisement which appears on page 31 of this issue.

Mr. Albert Bell, of Lake City, Iowa, writes: "Just say to Homestead readers that I have forty good Duroc Jersey boars and they must go soon. Consequently the price will be right. Who is the first man to be pleased with both quality and price?"

Mr. J. C. Jay, of Mt. Pleasant, Iowa, is offering special prices on Duroc Jersey hogs for thirty days. He writes that he shipped 105 head last season and had only one dissatisfied customer, and that old customers buy every year, as he breeds five different strains. Try one.

In our date claim columns this week there is announced to take place at Dunlap, Iowa, on November 20th, a Duroc Jersey boar and bred sow sale; on January 12, 1907, a bred sow sale by Messrs. Hood & Baker, of Dunlap, Iowa. They also claim June 18, 1907, for a Hereford cattle sale.

Mr. O. R. Phelps, of New Sharon, Iowa, writes in regard to his recent sale of Poland China swine: "I had a very good sale, selling fifty-five head for \$970.25, including some very small late pigs. The highest price was paid by Mr. R. A. Fritz, of Grinnell, Iowa, for a sow, she selling for \$37, and eighteen head of my best brought \$454."

Messrs. W. F. Garrett & Sons and John H. Harvey & Son, of Maryville, Mo., claim January 31st for a sale of Poland China bred sows. That great son of Expansion that these gentlemen purchased at a long price will be used on many of the sows. Breeders who want the big kind that have quality should take warning. They will find them here.

Bessrs. Wm. Ray & Son, of Defiance, Iowa, write: "We have several good Poland China boars for sale sired by Dakota Chief 2d, a few by Perfection Grand and a few good Meddler boars. We also have a good yearling for sale by J.'s Perfection 37361. We are making special prices on these boars for the next thirty days and we know we can please our customers."

Four topdy yearling Shropshire rams are offered for sale by Mr. Willard Miller, of Anita, Iowa. He also has thirty or forty good ewes for sale. He is one of the best Shropshire breeders in the state and he will send out just the kind he says he will. Any of our readers who want a Shropshire ram or a few good ewes can get them of Mr. Miller if they write him at once.

Mr. F. M. Erschen, of O'Dell, Ill., breeder of Duroc Jersey hogs, in remitting for advertising, writes: "I still have some good young boars left, sired by Comet 25965, Frank's Choice 25801 and my yearling boar, Long Duke 44289, and a few by Roland 37255, for sale. Long Duke has proven to be a very good breeder." Mr. Erschen's advertisement appears on page 46 of this issue.

The coupon at the foot of our last page this week will be worth a large amount of money to you if you will fill it out and send for the 500-page catalog No. 500 of the Chicago House Wrecking Company offered free to Homestead readers. Read the full-page advertisement of this reliable house on our last page this week and send them one order and you will be sure to become a permanent customer. They buy bankrupt stocks, purchase exposition buildings and furniture, merchandise at sheriff's sales, etc., and give the farmer the benefit. Be sure and mention The Homestead when writing them.

Mr. A. Latimer Wilson, importer, of Creston, Iowa, writes us that he has sold eleven horses for \$11,000 since he came home from Europe, besides the home-bred horses sold. He claims the business is much better than last year up to date. Mr. John Larson, of Fairfield, Iowa, a director in the English Shire Record Association of America, bought one of Mr. Wilson's best two-year-old imported Shire colts, Fordy Spark 8446 (23320). Mr. Larson had been all around through the principal shows of Iowa, including the Iowa State Fair, and then went to Creston, Iowa, and bought of Mr. Wilson this colt, which is considered one of the heaviest-boned Shire

colts in the state. Mr. Wilson expects to hear from this colt in the show ring in the future.

Read the advertisement of Mr. F. H. Her-ring, of Kalona, Iowa, on page 31, if wanting to buy Duroc Jersey swine.

Mr. F. E. Garrett, breeder of Duroc Jersey swine, of Lohrville, Iowa, writes: "In your field note appearing in The Homestead October 25th, you made a mistake. I am a Wonder is a litter brother to Mr. H. A. Allen's sweepstakes hog, instead of a half brother as you have it. My show sow, Ruberta, is suckling a nice litter sired by I Am a Wonder." Mr. Garrett's advertisement appears on page 47.

Mr. W. J. S. Taylor, of Humeston, Iowa, breeder of Duroc Jersey swine, writes: "I have twenty young Duroc males of spring farrow that are of good choice color, with plenty of bone. Twelve of these are sired by Proud Advance 2d, a choice son of Proud Advance; five by Duke of Ohio 29529, and three by Geo. Hur 40851. These will be priced right. I only have a few gilts for sale." See advertisement on page 46.

Cut out the coupon in the large advertisement of the Chicago House Wrecking Company, fill it out and send for the 500-page catalog No. 500 of this reliable firm. Some of the bargains they offer this week are remarkable—furniture, machinery, roofing, gasoline engines, scales, rope, fire-proof safes, nails and many kinds of merchandise are offered to Homestead readers at remarkably low prices. Be sure and write today!

Mr. I. J. Lorton, of Union City, Ind., breeder of Duroc Jerseys, in remitting for advertising, writes: "My herd is doing fine and trade is fair. I have four extra good boars, two by I. J.'s Chief and two by Col. Perfection, that are fit to go into any company and head any herd. I will guarantee them in every respect. They have good color and bone and are very smooth, all round good ones and will be priced worth the money." See advertisement on page 46.

Mr. D. M. Norton, of Sanborn, Iowa, in renewing his advertisement for Shropshire sheep, which will be found on page 31 of this issue, writes: "We only have a very few yearling rams left, two of which we have used lightly, they being our best. In order to be able to supply our old customers rams in the future, we have concluded to offer a car load of nice young ewes for sale that we may fill their place with new blood. We do not expect to import better ones, but a change of blood is our object."

Mr. H. Fessenmeyer, of Clarinda, Iowa, known as one of the growers of the biggest Poland Chinas in southern Iowa, writes: "I have just returned from a trip to Mr. Harvey Johnson's, where I bought a half interest in Chief Tecumseh 4th, he by Chief Tecumseh 3d and out of Columbia 2d. This boar won third at Des Moines, fifth at Lincoln and second at the Interstate fair. He will be used on my brood sows for next year and I expect to show the boys some of the best stuff ever sold in southern Iowa."

In order to reduce his herd of eighty head of Double Standard Polled Durham cattle, Mr. L. L. Henningsen, of Dike, Iowa, is placing an advertisement in The Homestead this week, which will be found on page 31. Mr. Henningsen will sell a car load or any number to suit purchaser. His offering consists of cows and heifers, ten young bulls and his herd bull, Storm Lake Hamilton 232932 (2706). He is three years old and a son of the famous show bull, Young Hamilton 114169 (49). For full information see his advertisement and write, or go and visit Mr. Henningsen.

Messrs. White Bros., of Perry, Iowa, offer to trade their well-bred Pride bull for a good Blackbird bull. He is a five-year-old and is a son of the \$2,000 bull, Cranewood Black Knight, and his dam is Centerville Pride, one of the best cows in the Wm. Miller herd. Any Angus breeder who has a good Blackbird bull can make a good trade here if they write at once. He is an excellent breeder and is all right. They also have a splendid young Pride, a Trojan Erica and a Queen Mother that they wish to sell. Anyone wanting one of these should write to Messrs. White Bros. without delay.

Messrs. W. C. Wendt & Sons, of Donnellson, Iowa, breeders of Short-horn cattle, Poland China hogs and thoroughbred chickens, write: "We have some very large, growthy February and March boars and gilts which we will sell at farmers' prices if taken soon. They are large and thrifty, with good length and plenty of bone. Anyone wanting a boar or gilt will do well to write us stating what type of hog they want. We will give prices and answer any questions asked. We took every first in the Poland China division at the Lee County Fair, 1906, also sweepstakes on aged boar. Our herd is headed by Butler Perfection 83221 and Ideal U. S. 106561. Satisfaction guaranteed."

In his advertisement appearing on page 31 of this issue, Mr. Bert Fry, of Plainfield, Iowa, breeder of Poland China swine, is offering for sale thirty-five spring boars and ten fall yearlings that are high class. In writing in regard to his stock, Mr. Fry says: "They have long, deep bodies, broad backs, square, heavy quarters, fancy heads and ears, black, slick coats, with no curls, swirls or spots, and are heavy boned with short legs. They are from large litters, fifteen gilts having farrowed 110 pigs and raised 108. My old sows averaged nine pigs each. It will pay you to come and see them. Free livery to the farm. If you cannot come, write me and I will give you a close description of what you want with a price in reach of anyone."

Messrs. Norrish & Bevington, of Kingsley, Iowa, breeders of Duroc Jersey and Tamworth hogs, write as follows: "We have a number of pigs of either breed to sell at moderate prices. In aged Tamworths we have the St. Louis champion and reserve champion boar that we would let go after December 1st or an extra good yearling (Tamworth) that we could spare after November 15th. We would be glad to have anyone wanting one or more of either breed write or visit us and we will give careful description of anything wanted and guarantee pigs to fill our description. Any that do not can be returned at our expense." We can recommend the above firm to readers of The Homestead, and anyone wanting a good Duroc or a Tamworth boar will be able to get what they

want from the Cedar Lawn herd. Write them today before the best are sold and you will be pleased both with the price and the quality of the boar ordered.

On account of sickness in his family Mr. W. A. Forsyth, of Greencow, Mo., has been forced to postpone his Short-horn cattle sale to some future date.

Forty head of unbranded suckling colts from mares weighing 1,050 to 1,500 pounds, are offered for sale by Mr. A. Y. Haug, of Borine, S. D. The advertisement appears on page 31.

A public sale of Hereford cattle is announced to take place at Sioux City, Iowa, April 3, 1907, by the Stanton Breeding Farm Company, of Madison, Neb., and Messrs. Edmonds, Shade & Co., of Kingsley, Iowa.

On December 18th, at Marysville, Kan., will be held a joint breeders' sale of Short-horn cattle, with Mr. Frank P. Healy as manager. He could use a few more cattle in this sale, but wants good ones. Any breeder having a few of this kind that he wants to put into a sale will do well to write Mr. Healy at Bedford, Iowa.

Three hundred and twenty acres of nice, smooth, black, productive land, 100 miles southwest of Kansas City, is offered for sale in an advertisement on page 31 of this issue, the address of which is Box A, Eureka, Kan. It is close to town and will raise corn, wheat or alfalfa and will be traded in part or all for sound, young stallions.

Messrs. A. J. Graves & Son, of Ames, Iowa, proprietors of the College View herd of Short-horns, are offering fifteen head of cows and heifers for sale as per advertisement on page 31 of this issue. These animals either have calves at foot or are bred to the great Scotch bull, Imp. Charmer. They also have twelve young bulls ranging in age from eight to twenty months old by Imp. Kinellar Stamp for sale.

There was an announcement in last week's Homestead (October 25th, on page 4) of Dr. O. A. Johnson, 1233 Grand Ave., Kansas City, Mo. (Suite 327). Dr. Johnson is a cancer specialist and offers to send a free book, "Cancer and Its Cure," to those suffering from this most dreaded of all diseases. Dr. Johnson does not resort to the knife, but uses a mild combination treatment which, he claims, destroys the growth and drives it out of the system. Send for his booklet.

Messrs. Allen Bros., of Russell, Iowa, in sending copy for advertisement on page 31, write: "We have the finest bunch of O. I. C. boars ever raised. They are big, growly fellows, out of big litters. Alice 14539 farrowed forty-eight pigs in three litters. She has a fine bunch of September farrow that will be heard from next year. Snow Ball farrowed twelve and raised ten—six boars and four sows. Snow Ball was a winner at the state fair last year. Other sows did as well, but we can't tell about all of them." If you need a boar this fall go to Russell and inspect their stock or write them.

Why pay high prices for merchandise when the Chicago House Wrecking Company will sell you equally good goods for 30 to 50 per cent lower prices? The large advertisement of this reliable house should be read from beginning to end by every reader of The Homestead. Don't miss any part of it, for all the bargains are remarkable. You should also, by all means, write for their 500-page catalog No. 500 and study it thoroughly, as it will save you a lot of money in a year. This firm buy out exposition buildings and furniture, merchandise at sheriffs' sales, etc., and give the farmer the benefit. Be sure and mention The Homestead when writing.

The Elliott Telephone & Electric Co., of Indianapolis, Ind., are entering upon their nineteenth year as manufacturers of high-grade telephones. From 1887 to 1897 they manufactured and sold a private line 'phone, but since the Bell patents expired they have devoted their whole efforts towards perfecting a powerful 'phone, especially adapted to long distance party line work, and they furnish convincing evidence that they are putting out a most satisfactory party line instrument. We have no connection or interest in the company whatever, but to anyone expecting to purchase one or more 'phones, our advice would be to get their catalog and special introductory offer on first order. You will see their advertisement on page 2 of this issue.

Mr. H. S. Allen, of Russell, Iowa, the owner of the noted Duroc Jersey sweepstakes boar, Crimson Wonder Again, writes as follows: "I still have some big, growly, heavy-boned hogs for sale. We have a corking good boar by Top Nother Again that should go in some good herd. He will be priced well worth the money. We have some big, heavy-boned March and April boars by the third-prize boar of 1905, Leather Stockings 2d. There are boars among these for both breeder and farmer and the price will interest you. We also have three boars left sired by this year's champion, Crimson Wonder Again. One of them has for dam the old sweepstakes sow, Nell A. We will make it interesting for the man that wants one of these, as we want to clean up our boars in the next thirty days."

Mr. F. A. Murray, breeder of Polled Durham cattle, of Mazon, Ill., in furnishing copy for his advertisement found on page 31 of this issue, writes: "I wish to call the attention of your readers to the public sale of Polled Durhams and Short-horns to be held at the new fair grounds at Mazon, Ill., Wednesday, November 14th, by myself and Mr. Fred Hartford, of this place. There will be some as good pedigrees as can be found among the Short-horn families and in many cases from three to four crosses of Polled blood manifest in the Polled Durhams. The females of breeding age are mostly in calf to Brookside Knight, a bull bred on our farm and one that gets 'no horns' and several of the younger ones in the offering are by him. The cattle are principally red in color and comprise Scotch Victorias, Secrets, Violets, Orange Blossoms and other noted families. This is a draft sale of forty head and are to be sold to the highest bidder with a guarantee as breeders, so that you take no chances." The gentlemen making this sale are reliable and intend to give their customers a square deal. Address Mr. F. A. Murray, Mazon, Ill., for catalogs and arrange to attend the sale. Mazon is located about 120 miles due east of Davenport and seventy miles southwest of

Chicago on the main line of the Santa Fe railroad and branch of the Big Four. Ten passenger trains daily stop at Mazon. Good connections with all western lines. The sale will be held at 1:30, November 14th, under cover. Cols. Carey M. Jones, of Chicago, and W. V. Isham, of Mazon, auctioneers.

Mr. F. T. Wells, of Bristol, Iowa, breeder of Poland China hogs and Aberdeen Angus cattle, writes: "I have sold the boar, Midwood Perfection, and now have another herd boar, A. L. Keep On 102663, a son of Perfect Keep On, for sale. He has good length, fine head and ears, good coat of hair and stands on good feet and legs. He is in fine condition to go in a herd and do someone good. He will be priced right. The first check for \$50 gets him, and whoever does get him will get a snap, as he is a good litter getter. I also have for sale some good spring boars of March and April farrow from old dams. They are good, lengthy fellows, weighing 200 pounds. I would be pleased to hear from those wanting Poland China hogs or Aberdeen Angus hogs and will guarantee satisfaction." See advertisement on page 31.

Messrs. Hanks & Bishop, proprietors of the Pleasant Grove herd of Duroc Jersey swine, of New London, Iowa, writes: "We have three growly boar pigs sired by Top Nother Again, and out of a dam sired by Indicator that will make good herd headers for some one. These boars are as smooth as a potato, with good feet and will be priced right. We also have two by Mayor Jr., which won first in class at the Illinois State Fair last fall. The dam of these last two was by Buddy K. IV., first and sweepstakes at the Illinois State Fair in 1905 and second in class in 1906. Say, boys, these are good ones; hard to beat. We also have one by Indiana Boy and Beauty Bishop that we took first with at the Columbus Junction District Fair, with Professor Kennedy as judge, and there were over 100 red hogs on the grounds. He will go to the first man that sends \$40. We guarantee all stock as represented." See advertisement on page 47.

Mr. J. C. Webber, proprietor of the Westview Poultry and Stock Farm, of Montezuma, Iowa, writes us as follows: "I wish to remind Homestead readers that I have some of the very best yearling and spring Chester White boars for sale that they can get, and my prices are right for the quality I am offering. My yearlings will crate 350 pounds and my spring pigs 250 pounds. They have not been fed for the show ring, but have been kept in good, thrifty and healthy condition which is sure to make them more prolific and fit for service. My sale stock are all sired by old stock, both sires and dams, which is another good feature for breeding stock. I will ship C. O. D. with bank references. The following is one of the many letters I receive from my customers: 'We enclose herewith a draft for \$25 which is for the credit of John J. Wolber for the boar pig which he received today. Mr. Wolber requests me to advise you that he is well pleased with the animal.—W. S. Arthurs, Cash, Dillenbeck Banking Company, Bouton, Iowa, Oct. 9, 1906.' See advertisement on page 44."

Mr. A. L. Mossman, of Radcliffe, Iowa, breeder of Duroc Jersey swine, whose advertisement will be found on page 47 of this issue of The Homestead, writes: "I desire to call the attention of the breeders of Duroc Jerseys to the fact that I have at this date (the 25th of October) forty spring boars, weighing from 150 to 250 pounds and, without fear of contradiction, I believe they are the equal of any in the state of Iowa, or any other state, for quality, size, bone, neatness of head and ears, spring of rib, arched backs, good feet, and all points making a good all round hog. I have quite a number sired by Tientsin 17261, the sire of Ruberta, the first-prize junior yearling at the Iowa State Fair, 1906. I have others sired by A. L.'s Chief 43327, the great, big 700-pound yearling. These pigs are smooth and mellow. I still have two Ohio Chief dandies, both recorded, dam Queen Beatrice 80658, one of the best daughters of old Crimson Wonder. Now I stand by any description or statement made about my hogs by myself. Homestead readers are invited to come and see and be convinced, or write for guaranteed description. Prices within the reach of all."

Mr. A. C. Lanham, of Battle Creek, Iowa, the hustling young Poland China breeder, writes: "We have decided to sell Onward 106001 by Keep On, dam Joyful by Frazier's U. S. He was in the second-prize litter that Mr. Carey exhibited at Des Moines two years ago. He is one of the biggest and heaviest-boned ones of the bunch. He will weigh now in thin flesh 500 pounds and could carry 150 pounds more with ease. He is a breeder of large litters and I would like to see the Keep On hog that puts more bone on his pigs than Onward does. We had five sows that farrowed fifty pigs this fall (all by Onward) and a heavier-boned, better-colored lot I never saw. We will guarantee him in every way and will sell him outright or sell half interest and buyer can have him now. Our pigs are doing nicely and we have some very good gilts for sale. They are sired by several different boars, but the best are by L.'s Sunshine. He is coming down in fine shape and I never saw a more active hog for his size. Parties that wrote us last year for sows bred to him but got in too late are having us book their orders now. To show you our stuff sells on sight, we haven't missed selling to hut one party that came to buy. We have sold twenty-five so far."

Messrs. Taylor & Jones, importers and breeders of Percheron, Shire, Belgian and Coach horses and Short-horn cattle, at Williamsville, Ill., write: "We are pleased to say that since we began doing a 'strictly barn business' our sales have been more numerous than ever. Recently we have sold two two-year-old imported Percheron stallions to Mr. D. A. Robinson, Jr., of Hamilton, Ill., an aged Shire stallion to Messrs. Henry H. Miller & Son, of Huntington, Ind.; two Percheron fillies and an imported Percheron stallion to Mr. Melvin Workman, of Loami, Ill.; a span of imported Shire mares to Mr. Curtis C. Neal, of Allerton, Ill.; an American-bred two-year-old Percheron stallion to Mr. John P. Pershio, of Kansas, Ill.; another one to Mr. Mark Cone, of Galesburg, Ill.; an imported Shire stallion to Messrs. Tendick Bros., of Mt. Pulaski, Ill.; two imported Shire stallions to Messrs. Albert Zwicker & Sons, of Preemption, Ill.; one span of Percheron mares to Prof. F. B. Mumford, of Columbia, Mo., for the state university

at that place, to be used as a sample team; one Percheron stallion to Mr. Joe Myers, of Croft, Ill.; one imported Percheron stallion to Mr. Wiley Jones, of Lincoln, Ill., and one Percheron stallion to the Tremont Horse Company, of Tremont, Ill."

A very desirable stock and grain farm consisting of 380 acres in Montgomery county, Mo., near the new town of Bellflower on the Burlington road, and eighty-five miles from St. Louis, is offered for sale in the advertisement of Mr. L. D. Mudd, of Montgomery City, Mo., which appears on page 14 of this issue. Eighty acres of this land are in bluegrass pasture, sixty acres in new meadow, seventy acres sown to wheat, and all is fenced except forty acres of timber and coal land. Three hundred and twenty acres of this farm are good prairie land in a high state of cultivation. For information as to other improvements see the advertisement. Mr. Mudd also has a 308-acre, first-class stock farm which he is offering for sale in the same advertisement, located in Audrain county, Mo., about ten miles from the Wabash and Chicago & Alton railroads, and eight miles from the Burlington railroad. Two hundred and eight acres of this farm are prairie land, sixty acres being somewhat broken and in blue grass pasture, with some timber. Forty acres is good bottom land, mostly in blue grass pasture. It is all first class and subdivided into seven fields. The prices per acre on these farms is considered very low and made for quick sale, and will not hold good after the first day of February, 1907. Mr. Mudd is the owner of these farms and in dealing with him the purchaser will save the agent's commission.

On December 20th, at Audubon, Iowa, Messrs. J. C. Hardman, Braxton, Iowa; J. A. Harris & Son, Atlantic, Iowa; W. D. Pratt, Braxton, Iowa; John Jenkins, Braxton, Iowa, and H. P. Bonnesen, Audubon, Iowa, will make a public sale of Short-horn cattle at the above place. This will be a strictly breeders' sale, and only the best cattle have been picked for the event. Mr. Hardman will sell his Scotch herd bull, Improver 192264, a son of Imp. Golden Drop Victor and out of Imp. Countess of Aberdeen. He is a grandly-bred Scotch bull and an excellent breeder. He also sells two young Scotch bulls and an imported cow. The latter is Mayflower of Pine Grove and is a daughter of Scottish Minstrel and out of Mayflower 15th by Royal Gloster. She is a grand good Scotch cow, a splendid individual and an excellent breeder. Messrs. J. A. Harris & Son will sell about ten head from their herd, among which will be an excellent Queen of Beauty bull. Mr. W. D. Pratt will sell two splendid yearling Scotch bulls sired by Victoria Prince 3d, the sire of his \$500 bull calf at the Thurman closing out sale. Mr. H. P. Bonnesen, of Audubon, Iowa, will contribute about twenty head from his herd and Mr. John Jenkins will sell three young Scotch bulls and two well-bred cows, one of which will have bull calf at foot. Those who may want Scotch bulls to head their herd had better mark down the sale as one of the places where they can be had. Notice of the entire offering will appear in The Homestead in due time.

CARL HANSEN'S DUROC JERSEY BOARS. Anyone wanting a good Duroc Jersey boar at a reasonable price should correspond with Mr. Carl Hansen, of Herman, Neb., at once. He offers for sale a choice lot of boars sired by Bar None, Bar None 2d and Critic's Echo, out of Gold Dust Jim, Surprise and Glendale Chief sows, and they are good ones.

CORRECTION.

In an item under the illustration of David Harum that appeared on page 12 of The Homestead in our issue of October 25th, we stated that the forthcoming sale of Mr. Geo. A. Heyl, of Washington, Ill., would be on Wednesday, November 7th. In this we were in error. It should be on Thursday, November 8th.

NORTON'S CRUICKSHANK BULLS.

We desire to call the attention of Short-horn men to the advertisement of Mr. C. C. Norton, of Corning, Iowa. Without fear of contradiction we unhesitatingly say that he has three of the best young Cruickshank bulls in America. If any of our readers are looking for a bull of this kind to head their herd it will pay them to go and see the two-year-old bull, Sultan, or several others that he has for sale.

A DUROC JERSEY HERD HEADER.

On page 31 will be found the Duroc Jersey advertisement of Mr. John Weighton, of Audubon, Iowa, who offers to sell a spring boar sired by the great Proud Advance and out of the noted sow, S. E.'s Model. This was the sow that topped the greatest sows sold \$1,075 and was one of the greatest sows sold last year. He is a herd header for some body. He also has a number of boar pigs by Proud Advance, the sire of the first-prize gilt and the second-prize litter at the last Iowa State Fair. Write Mr. Weighton at once, as he has some good ones.

HERD OF RED POLLED CATTLE FOR SALE.

Mr. W. D. McTavish, of Coggon, Iowa, in order to make room for his very large herd of English Berkshires, is offering for sale his entire herd of Red Polled cattle, numbering some fifty head, including twenty or more cows now giving milk, his herd bull, together with all younger stock of this famous dairy breed that is now on his Chapel Hill farm. Mr. McTavish is in a position to make very attractive prices, quality of stock considered, on this entire herd or any portion thereof. His announcement appears in The Homestead on page 44.

THE YOUTH'S COMPANION.

No doubt most of our readers keep this paper on file for a few weeks at least. We desire to call attention to an advertisement which appeared on page 20 of the October 18th issue. Reference is made to the advertisement of the Youth's Companion, of Boston, Mass. In addition to the editorial page of the Companion, the children's page, the notes on science, the weekly articles on hygiene and emergency treatment, there are 250 excellent stories published during the year and 2,000—what is called—one-minute stories. There is as much good reading in the Youth's Companion in one year as could be put in twenty volumes of 400 pages each. An exceedingly liberal proposition is made in the

Any lamp—no matter how good—is handicapped if it hasn't the proper chimney.

My business is manufacturing lamp-chimneys that fit perfectly—of clean, clear glass that won't break from heat.

My name—MACBETH—goes on every one.

My Index tells of lamps and their chimneys, fully and interestingly. Let me send it to you—it's free.

Address, MACBETH, Pittsburgh.

advertisement referred to. It will be noticed that for \$1.75 the Youth's Companion will be sent for fifty-two weeks during 1907 and also during the remaining weeks of 1906. If your subscription starts now you will receive the Thanksgiving, Christmas and New Year's double number and the Companion's twelve-color, four-leaf, hanging calendar for 1907. This is an unusually liberal offer and those who are now planning out their reading for another year should send for a sample copy and the illustrated announcement for 1907. Address The Youth's Companion, Boston, Mass.

THE LUMBER TRUST BURSTED.

The above caption is not absolutely literal, but serves as a reminder to farmers who have any cottonwood trees, maple or natural timber that they can get from under the clutches of the lumber trust and avoid paying \$35 a thousand feet by writing the Cedar Rapids Manufacturing & Supply Co., at Cedar Rapids, Iowa, and getting their low price on an American saw mill, which can be operated with any ordinary traction engine such as is found in every farming community in the commonwealth. Usually the native lumber can be sawed at a cost of \$5 per thousand feet when the logs are delivered at the mill. This is the solution of the present tremendous high prices for lumber.

A FEW CATTLE NEEDED FOR SALE.

On December 11th, at Omaha, Neb., Mr. O. M. Healy, of Bedford, Iowa, will sell a draft of fifty head of Short-horns from his well-known herd. His offering will be composed of a strictly pure Bates lot of cattle of Oxford Duchess, Airdrie Duchess, Barrington and other noted Bates tribes. Those who are looking for the dual-purpose and milking strains of Short-horns will find what they want in his sale. Mr. Healy would be glad to hear from some good breeder who desires to sell a good bunch of cattle, as he would rather not sell quite so many from his herd. If some good reliable breeder would like to consign some cattle to this sale they should write Mr. Healy at once. His offering will be made up of a splendid lot of milking Short-horns and he is contributing some of the very best cattle he has to this sale.

LARGE-BONED POLAND CHINAS FOR SALE.

An advertisement that will appeal to those readers of The Homestead who are in search of good Poland Chinas will be found on page 31 of this issue in which Mr. M. T. Lydon, of Cresco, Iowa, is offering 100 excellent spring pigs for sale. He has also a number of one and two-year-old sows and one fall yearling boar that he wishes to dispose of. Most of the spring pigs are sired by his herd boar, Ideal Perfection 37754, farrowed May 2, 1904, which is also for sale. Ideal Perfection was a prize winner at the Iowa State Fair in 1905 and Mr. Lydon will warrant him right in every way. As an evidence that he is offering to our readers first-class stock he will ship his herd boar on approval, either east or west; in fact this is the manner in which he ships all his stock, and parties buying of him need not fear that they will not get just what they pay for.

HEAVY-WEIGHT BERKSHIRES.

All farmers who are in the business of pork production realize that the more weight that can be attained in their hogs at the earliest possible age of maturity yields to them the greatest amount of profit. There is probably no hog of the Martin breeds that yields so great a margin of profit as the Large English Berkshire where he has been bred on common sense lines and passed through the hands of such careful, methodical and judicious breeders as Mr. W. D. McTavish, of Coggon, Iowa. Mr. McTavish has the Gentry strain of Berkshires. In fact, he has the table-back sort with great depth of body, good hams, excellent feet and legs, possessed of great length and carrying short, broad, dish faces. Mr. McTavish has been having an exceptional trade on his Berkshire boar pigs this season to Homestead readers. He still has a goodly number of the later pigs, such as April, May and June farrow, for sale.

GLASER'S POLLED DURHAM AND POLAND CHINA SALE.

On Thursday, November 15th, Mr. J. C. Glaser, of Avon, Ill., will offer for sale forty-five head of Double Standard Polled Durhams and forty head of Poland China hogs of rich breeding and individuality. The Polled Durhams represent the best families of the breed. Eleven of the cows are well along in calf, seven cows with calf at foot, one of the cows having twin heifer calves, and the majority of the cows are bred again. There are a number of choice bulls consigned to the sale, including the herd bull, Bell Boy, sired by Golden Hero, the champion Polled Durham bull at the World's Fair at St. Louis. Mr. Glaser is also offering his farm for sale and we quote from catalog regarding it as follows: "I will also offer my farms for sale if not sold before. One hundred and twenty acres in a high state of cultivation, three barns, two double corn cribs with driveways, granary that will hold 3,000 bushels of grain, stock sheds and fair-banks scales, concrete floor 16x24 for feed-

ing hogs, water piped to all the yards and in the barns from large storage tank, also concrete hydrant boxes. One hundred acres one-fourth mile east of the 120 acres. This 100 acres is fenced in five twenty-acre fields. Three of these fields are in blue grass with running water that never freezes or goes dry; forty acres in corn this year. This 220 acres is an ideal stock and grain farm. Terms made known on day of sale." See advertisement on page 36 of this issue and write for catalog, mentioning The Homestead.

H. R. SMITH'S POLAND CHINAS.

Mr. Harry R. Smith, of Maynard, Iowa, starts a new Poland China advertisement in this issue. He can show as nice a lot of Polands as the best of them. His four-year-old herd boar, Master Sunshine 72227, is one of the best outcrosses of the Perfection family. At eighteen months he fitted to 600 pounds. He has a fancy head and ear, a strong, wide back and a splendid ham, and is as vigorous as a two-year-old. His dam produced E. L. Perfection, which Mr. J. C. Hanna has just sold a half interest in for \$2,500. Eldorado is the second herd boar. He was fitted for the Iowa State Fair, but stable room could not be procured. However, he was first at Fayette County Fair over the fourth prize at Des Moines this fall. His pigs are young, but very promising, as is all of the young stock. The herd sows are exceptional individuals and have fancy, vigorous litters that will pay investigation. Write for prices. You can be assured of excellent treatment. Look up the advertisement on page 31 and please mention The Homestead.

CROWNOVER'S POLAND CHINA SALE.

A noteworthy sale of Poland Chinas will be held by Mr. Wm. Crownover, at Waterloo, Iowa, November 13, 1906. While the farm is located at Hudson near by, the unexcelled advantages for railroad and hotel accommodations at Waterloo will be appreciated by all. Those who attended the sale last year will need no urging to return. The offering is still better this time. Max 99039, the herd boar, sired by Maximum 83037, he by Perfect Chief by Chief Perfection 2d 42459, is a strong individual. His extra strong back, deep full hams and nice bone is well pronounced in his offspring, which consists of a grand lot of young boars and gilts. The smaller part of the male offering is sired by C's Perfection. A few of the boars are ready for service now. Some in the sale are June pigs, but are growthy fellows, both plain and fancy patterns, so that no one need be afraid of not being able to make a selection. The female offering is excellent. Some have proven their breeding qualities with two strong litters, so that they may not be in high condition for the sale. They will make excellent producers for anyone and should be taken as fast as offered. They are sired by Model R. 2d 70187. Some by Improver 84079, grandson of Nemo L's Dude, also by C's Perfection, a grandson of Chief Perfection 2d, a prize winner at Des Moines in 1904. The young sows are of late farrow, but there are only a few that will not be ready for January breeding. They are good stuff for show or breeding purposes. Every-

thing is guaranteed right. All sows are open and arrangements can be made with Mr. Crownover to have them bred to either of his two boars for a small consideration, shipped when safe. Send for a catalog and be sure and attend. There will be something for everyone. Please mention The Homestead when you write.

OF VALUE TO HORSEMEN.

Do you turn your horses out for the winter? If so, we want to call your attention to a very important matter. Horses which have been used steadily at work, either on the farm or road, have quite likely had some strains whereby lameness or enlargements have been caused. Or perhaps new life is needed to be infused into their legs. Gombault's Caustic Balsam applied as per directions, just as you are turning the horse out, will be of great benefit, and this is the time when it can be used very successfully. One great advantage in using this remedy is that after it is applied it needs no care nor attention, but does its work well and at a time when the horse is having a rest. Of course it can be used with equal success while horses are in the stable, but many people in turning their horses out would use Caustic Balsam if they were reminded of it, and this article is given as a reminder.

LAST CALL FOR THE STEWARD & HUTCHISON SALE OF HEREFORDS.

The sale of Herefords to be held at the farm of Messrs. Steward & Hutchison near Bolckow, Mo., next Wednesday, November 7th, should not be forgotten by all lovers of the "whiteface," as this is practically a dispersion, and the best that the late John Steward and William Hutchison have spent years in breeding will go to the highest bidder. Few, if any, herds were better thought of, had produced more good things, or used more fashionable blood lines in producing them than did Messrs. Steward & Hutchison. Their years of experience before embarking in the business placed them in position to know what was necessary in founding such a herd, and they bought the best only. To these they added from time to time, bred many good ones and improved their herd to such a point that it became known wherever Hereford cattle were known. Their record in the show rings of America made their cattle famous, and the cattle that did the winning are to be sold. In last week's field notes mention was made of several, and we now call attention to a few more plums that go in the sale. Mapleton Bell, listed as Lot 47, is a double Beau Brummell, and a full sister to Mapleton, the first-prize bull calf and junior champion at the St. Louis World's Fair. She is a promising yearling and will make a great cow. My Queen, listed as Lot 26, is a two-year-old daughter of Beaumont and Tempter's Queen that should be appreciated. She promises much and should make a show cow. The three-year-old cow, Mayflower, listed as Lot 46, is a daughter of Beaumont that was shown for three years, never standing lower than third. She should please some critical buyer. Pris-

cilla 5th, a Lamplighter cow and the dam of the yearling show bull, Parsifal, that goes in the sale, will be found a valuable breeding cow. She sells with helper calf at foot by Beaumont and is again well along in calf to his service. There are many other good things that much might be said about and the man who wants a high-class cow or heifer to add to his herd or to fill in his show herd should not miss the sale. In bulls the offering is very strong. The show bull, Parsifal, should go to head some good herd; the yearling, Beaumont Jr., a double Beau Brummell, will be found a high-class fellow. Then there comes from the herd of Messrs. Van Natta & Son seven sons of that great sire, Prime Lad, all good ones. The advertising will be found on page 40. Send for a catalog and arrange to attend the sale.

PROMINENT SALE OF SHORT-HORNS IN SOUTHERN IOWA.

On November 15th, at the town of Milton, Iowa, will occur a prominent sale of Short-horn cattle. The sale will be held on the Hon. E. C. Holland's farm, within the corporate limits of the town. Mr. Holland finds himself somewhat long on his cattle interests and has associated with him in a sale Dr. Guernsey and Messrs. Sample & Sample, all three being well-known breeders who have been using some of the most approved Short-horn blood known to the breed. For many years Mr. Holland has been one of the wheel horses in Short-horn circles. In fact, some of the best imported Scotch bulls that have ever done service in Iowa have worked for Mr. Holland. It has been but a few years since Dr. Sample made a very important public sale of Short-horns, which attracted the attention of breeders from a half dozen states. So good a judge as the later Martin Flynn was a purchaser at Dr. Guernsey's sale and paid him the compliment of saying that some of the best cows in all of his acquaintance were sold at this time. In this forthcoming sale Messrs. Sample & Sample are contributing their present herd bull, which is conceded one of the choice breeding bulls of the country. They also list five splendid, tried cows, all safe in calf. Mr. Holland sells twelve females and eight bulls. The offering all told is one that should attract farmers and breeders of southern Iowa and northern Missouri for a considerable distance. We have not the catalog at hand from which to enter into detail, but would have a word concerning Mr. Holland's present herd bull, Prince Charles 166137. He is a massive Scotch bull and looks to be a very impressive sire. He was sired by Imp. Prince Louis. His breeding is not only royal, but individually he is a bull that commands attention from any lover of Short-horns. A splendid young roan bull will be offered, called Royal Fame, sired by Secret Scotchman. This is a Scotch Orange Blossom bull that will bear the closest inspection. Another good Scotch bull is Orange Count, a beautiful red, sired by Golden Crown. So enterprising has been Mr. Holland in the Short-horn business that

he sent some of his best imported cows to Professor Curtiss at the Iowa Agricultural College and had them mated with Imp. Scotland's Crown, as long as that great bull was in service at Ames. The fifteen head of cattle offered by Dr. Guernsey are practically all young things with their future ahead of them. Nine, at least, are long, two-year-old heifers, bred. In future issue we hope to be able to enter more into detail concerning the high quality of breeding that we know to exist in these cattle, but at present writing the catalog has not reached us. However, by the time this article is read by Homestead readers the catalogs will be ready for distribution and can be had by applying to Mr. E. C. Holland, of Milton, Iowa.

STANSELL & MATERN'S DUROC SALE.

The writer representing The Homestead has had an opportunity during recent weeks to inspect the Duroc Jersey herds of Messrs. Stansell & Matern, of McNabb, Ill. For uniformity in type, color and conformation it would be hard to find a better bunch of pigs. These herds have been kept up by the addition of the best blood to be found and in their herd boars, Chief of All and Kan't Bee, are two of as good breeding hogs as are seldom found in any one herd. Chief of All was got by Ohio Boy, he by Ohio Chief. He is large, smooth, with nicely-tipped ear and very strong arched back and stands on the best of feet and legs. He is an excellent sire, as the bulk of the offering is made up of his progeny. Kan't Bee is a very fine yearling boar. He was sired by the noted show and breeding boar, Kan't Be Beat, and his dam was Queen Ruby by Top Notcher. He has proven himself a good breeder and a number of his get have been included in the sale. A yearling gilt farrowed October 12, 1905, by Dandy Joe, he by None Such, the sire of Hanley, dam Daisy Muller by Pathfinder, is a show sow in every particular and should be looked after by some breeder in need of a gilt to top his brood sow sale with, or who wishes to make a valuable addition to his herd. Three yearling boars sired by Tom Wilkes, he by Exchange, are fit to head good herds and the breeder in search of a herd boar should not fail to be present sale day. The spring pigs are a very uniform, growthy bunch and will certainly please those in the market for good breeding stock. In our next issue we will have more to say regarding this offering, but would advise our readers to write for catalog at once, kindly mentioning The Homestead, as per advertisement on page 35 of this issue. Bids sent to Mr. D. M. Pierce representing this paper will be properly handled.

IOWA MONUMENT DEDICATION.

On certain dates in November the Chicago Great Western Railway will sell round trip tickets to Vicksburg, Miss., Chattanooga, Tenn., Andersonville, Ga., Johnsonville, Tenn., Perryville, Tenn., Selmer, Tenn., Danville, Tenn., Corinth, Miss., and Shiloh Battlefield at very reduced rates. For complete information call on or address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



Prize Winning Group of Five Shire Stallions, winning first at Illinois State Fair, 1906, owned by Robert Burgess & Son, Wenona, Ill.

Whitehall Combination Duroc Sale.

One of the most noted Duroc Jersey sales of the year will be that of the Whitehall Combination Sale Company, of Yellow Springs, Ohio, which will be held at the breeding farm of Mr. E. S. Kelley. This company is composed of the following well-known Duroc breeders from Ohio: Mr. S. E. Morton, and Stewart Bros., of Camden, Ohio; E. S. Kelley, C. E. Speaks, G. H. Fogg, and G. D. Black, of Yellow Springs, Ohio. On the day of sale there will be on exhibition at Whitehall farm eleven herd boars, the property of the above-named consignors. They are C. E.'s Col., a grandson of Ohio Chief; Whitehall Model, son of C. E.'s Col.; King of Cols., son of Prince of Cols.; Buckeye Red, son of C. E.'s Col.; Bellville's Model, sire Winchester Chief; Star Chief, son of Ohio Chief; Whitehall King, son of King of Kings; Sound Money, son of Sundell's Fancy; Advancer 2d, son of Advancer. It is doubtful if such an array of herd boars, representing as they do, some of the most fashionable families of the breed were ever seen on one farm. They are individually of the same good type and show-yard conformation which have made the Durocs of the East in such strong demand throughout the middle West. At this time it is well to call attention to the noted herd boars that have come from Ohio to Iowa, Nebraska, Illinois, Missouri and Kansas. Ohio Chief has been one of the best sires the breed has ever produced and his present owners, Messrs. Harding & Osborne, would not part with him. Kan't Be Beat now heads the herd of Messrs. Morrison & Sons, and the recent record-breaking average on fall sales proves the worth of this good sire. Tip Top Notcher, grand champion boar at World's Fair, was farrowed in Ohio, and has long ago established his right to be counted among the foremost Duroc boars of the breed, many of his get having won at the more important fairs of this country. Messrs. Thomas & Hogsett, of Golden, Ill., and Fagan, Brown, Hess & McCabe, of Hersman, Ill., were fortunate in securing this wonderful herd header at \$5,000. Model Chief, son of Ohio Chief, was owned by Mr. J. Coy Roach, who secured him from Ohio and later sold him to Messrs. C. W. and William Reed, of Rose Hill, Iowa. For them he sired the first-prize boar pig under six months at the Iowa State Fair this year. Model Chief Again, a son of Model Chief, heads the good herd of Mr. Grant Chapin, of Greene, Kan. Winchester Chief went to head the herd of Mr. Weedin, of Missouri. Fogg's Col. was selected by Mr. Roberts, of Paton, Iowa, to head his good herd. There are other boars in the West that have come from the Ohio herds that are proving valuable sires. The get of the first boars mentioned makes up the sale consignment to be offered at this time. Two April gilts by Whitehall King and out of Whitehall Pearl by C. E.'s Col. are of the best sows ever owned by Mr. Speaks, will attract the attention of the progressive breeder who is looking for something to top the winter brood sow sale. A March 15th gilt by The Chief by Ohio Chief is consigned by Mr. Morton, who says: "This is as fine a gilt as will enter any sale ring this year and her breeding is right." An April 23d boar by Ohio Chief is one of the sort which make herd headers. These should not be overlooked by anyone in search of an Ohio Chief boar. Five fall gilts from the herd of Messrs. Stewart Bros., of Camden, Ohio, are of October 9th farrow. They are sired by King Allison by Forty Kings and are out of Nellie S. by Ohio Chief. Three boars and one sow by Model Chief Again by Model Chief are considered the best litter ever farrowed at Whitehall, and will suit the most discriminating buyers. Three sows by Whitehall Model and out of Emma B. by Ohio Chief are certainly very fancy gilts that will do to go in any company. Four fall sows (Dewdrop Maid II., III., IV., V.), should suit the breeder who expects to hold a brood sow sale. They are by C. E.'s Col. and out of Dewdrop Girl by Model Chief. Two Model Chief Again boars will suit those looking for herd headers. They are Nos. 34 and 35 of the catalog. A choice boar pig is included by Messrs. Stewart Bros. in No. 38. This boar is sired by The Chief by Ohio Chief, and will make a herd boar for someone. A boar by King of Cols. and out of O. C.'s Variety, she by Ohio Chief, will make someone an extra good herd header. Nellie M. II., by Model Chief Again, is one of the best gilts the writer has seen this year. She should go to some good herd. Augusta II. by Beat Him If You Can, he by Kan't Be Beat, is another of the five gilts. Golden Model by Golden Rule and out of Cedar Vale Model by Model Chief is another of show-yard type and conformation. Ruby II., III., IV., are three extra good spring sows by Model Chief Again. Their dam was by C. E.'s Col. and they are very fine in every way. Pauline, a March gilt by Yellow Springs Best, is one of the toppest gilts of the sale. She should go with some good herd. The catalogs are now out and should be in the hands of every breeder. This is one of the richest-bred and most-uniform lot of Durocs to go under the hammer this season, and western breeders who want something extra fine will do well to be present sale day. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Send all bids to him in care of Whitehall farm, Yellow Springs, Ohio. Look up advertisement on page 42 of this issue.

The Prather Dispersion.

In our issue of last week we called attention to some of the bulls included in the closing out sale of the Short-horn herd owned by the S. E. Prather Company, at the Illinois State Fair grounds, Springfield, Ill., on Monday of next week. This is one of the most important sales of the year, as breeders will have an opportunity to secure at their own figures Short-horns that have been selected and kept with a view to permanent service. The herd bulls have always been the best money could buy, while the females represent the best families the breed affords, both as producers and for their milking qualities. We wish to direct the attention of our readers to the females included in the offering. Among the attractions of the offering is the Cruickshank Secret cow, Sibyl by Imp.

Banker. In both breeding and individuality this cow would suit the most discriminating buyer. She has been a wonderful producer, three of her calves being included in the offering—Pride of Riverdale, a yearling bull of unusual merit; Sibyl of Riverdale, a fine two-year-old heifer of show-yard quality, and Highlander 2d, a very good son of Highland Champion. Those two bulls and the heifer out of Sibyl are ample proof of her producing qualities. She is safe in calf since July to service of Highland Champion. Imp. Vanity is another of the attractive individuals of the sale. She has been a good producer and a show heifer as well, having been shown throughout the season of 1901 by Mr. E. W. Bowen and was placed above Queen of Beauty that season. A bull and a heifer calf out of Vanity are included in the offering and Vanity is safe in calf to Highland Champion. Orange Blossom Queen 2d is a daughter of Imp. Sovereign and is a typical Short-horn cow in every respect. A very fine heifer calf out of this cow sold in the June sale. Miss Ramsden 14th is by Knight of the Thistle and has proven herself both a good producer and a good mother. A remarkably good bull calf out of this cow is included in the offering. He is called Highlander and is a son of Highland Champion. A nicely-made Scotch heifer is found in Rustic Maid. She is by Baron Goldmuck 3d, the son of Baron Gloster that did much good in the herd of Mr. J. W. Dawdy. Anoka Strathallan A. is a daughter of the noted son of Whitehall Sultan, Whitehall King. This heifer is an exceptionally good one and will do well in some good herd. Princess of Riverdale 2d is a good Scotch heifer, the daughter of Imp. Archer's Prince. Roan Lady of Riverdale is a fine Scotch heifer by Pride of the Realm, the only daughter of this noted bull in the sale. Verona 4th is another richly-bred Scotch cow and sells with heifer at foot. Mildred 12th is a richly-bred Scotch cow, the same breeding as Pine Grove Mildred 3d, which topped the Short-horn sale of Col. F. O. Loudon at \$1,050. There are a number of very useful cattle in the sale, many of them bred to Highland Champion. Every animal cataloged will be sold, not a single animal having been offered for sale which had not been cataloged. Write for catalog, kindly mentioning The Homestead as per advertisement on page 39.

Johnson's Duroc Jersey Sale.

One of the best Duroc herds in America is owned by Mr. Thos. Johnson, of Columbus, Ohio. The foundation stock was selected from such well-known herds as that of Messrs. Watt & Foust, S. E. Morton, E. S. Kelley, C. E. Speaks, Puckett & Grinnell, J. D. Nidlinger and others of equal note. The offering consists of fifty-five head of richly-bred Durocs. Among the special features are pigs from Wilda 36584 by prize-winner Corrector 9739 (A.), 15653 (N.). She is a great show and prize-winning sow bought of Mr. J. D. Nidlinger, October, 1905. Speaks' Pearl 37848, the fine sow which topped the sale at Yellow Springs, Ohio, February, 1906. Bred to Whitehall King 15977 (A.), 42939 (N.). Useful Lady F. 33942, a great sow sired by Top Notcher 8803, dam Useful Queen 24270, bred to Proud Fancy 11331. Also pigs from other fine bred sows sired by boars of best individuality and breeding, as follows: Sensation Top Notcher 15629 (A.), 42937 (N.), Such Goods 15093, Challenger 12893, Ben Franklin 15095. As a special attraction will be fifteen young sows, farrowed October, November and December, 1905, bred and guaranteed to be safe in pig to King Fall 17221, first in class and champion at Carthage, Ohio; first in class at Ohio State Fair, no champion ribbon offered; first in class, champion and grand champion at Syracuse, N. Y.; first in class and champion at Lexington, Ky. All in 1906. A representative of The Homestead recently inspected this offering and is pleased to recommend it to our readers who are in the market for extra breeding stock. Bids sent to Mr. D. M. Pierce, representing The Homestead, in care of Mr. Thomas Johnson, Spahr Building, Columbus, Ohio, will be properly handled. This sale will be held at the farm one and one-half miles west of Columbus, Ohio, on the London and Springfield interurban line. Plan to be present if in search of good breeding stock. Kindly mention The Homestead when writing, as per the announcement on page 42 of this issue.

Herd Boars in J. H. Harvey & Son's Poland China Sale.

On November 17th, at Maryville, Mo., Messrs. J. H. Harvey & Son, of Maryville, Mo., will make a sale of sixty head of Poland China boars and sows. Messrs. Harvey & Son have bred Poland Chinas for a number of years, raising the practical kind that have size and quality. In blood lines Messrs. Harvey & Son have been careful to select only such breeding as is noted for the production of good hogs and for this sale they have selected such a lot of siff as should meet with approval at the hands of both breeders and farmers. Of the sixty-one head listed for the sale thirty-three are boars, twenty-eight are big, growthy spring gilts. Tecumseh strains predominate, but these gentlemen have never gone in for fancies and fads. They have bought the individual if backed by ancestors that were known to be good, no matter what the family might be. Among the herd header propositions they will sell are three sons of the great show and breeding boar, Nemo L's Dude, that has made such a great record in the northern shows at Des Moines, Iowa, and Lincoln, Neb. The dam of these three boars is Lady Perfection, bred by Mr. Jno. Bollin, of Leavenworth, Kan. She was got by Mr. Bollin's great boar, Black Perfection, he by Sydnor's Chief by Mo's Black Chief. Her dam, Lady Corwin 2d, was got by the great Corwin I Know by Chief I Know. A better-bred sow would be hard to find. She is one of the great brood sows of the breed and her three sons that go in the sale should be appreciated. Eight yearling, five fall boars and twenty-two spring boars of other breeding are listed. These are of different breeding, some being by G's Perfection, others by Lee's Improver. The sows are all of spring farrow and are well grown and the man hunting Poland Chinas that will prove money makers should not fail to attend Messrs. Harvey & Son's sale. See page 31 for advertisement and write them at once for a catalog.

STANSELL & MATERN'S

DUROC

SALE

AT McNABB, ILLINOIS
On Wednesday, Nov. 14th.

..... FORTY-FIVE HEAD

Of spring boars and gilts, two excellent yearling sows, the get of Dandy Joe, a half brother to Hanley; Chief of All, a grandson of Ohio Chief; Kant Bee by the noted Kant Be Beat; Perfection Chief by Ideal Perfection, and other noted sires. The offering is a strictly choice one and is in good growing condition. Write for catalog to

STANSELL & MATERN, - - McNABB, ILL.
COLS. FRED REPPERT, C. C. KEIL, C. C. PLUMLEY, AUCTS.,
Send bids to D. M. Pierce representing this paper.

OLTMANN'S BROS.

LEER, GERMANY, - - - WATSEKA, ILLINOIS.

WE ARE THE PIONEER IMPORTERS OF THE
German Coach Horse.

...We are also Extensive Importers and Dealers in...

Percheron and Belgian
Stallions.

Our Buying Facilities Unsurpassed.

The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

We buy better horses at less expenses than any other importer can possibly do and for that reason can give you a better horse for less money than you can buy elsewhere.

WRITE US FOR FULL PARTICULARS OR CALL AT OUR BARN.

OLTMANN'S BROS., - - - WATSEKA, ILLINOIS.



Sale of Short-horn and Polled Durham Cattle

ALSO POLAND CHINA HOGS.

TO BE SOLD AT SCOTLAND VALE STOCK FARM, NOVEMBER 15, 1904. SIX MILES SOUTHEAST OF SOUTH ENGLISH AND SEVEN MILES NORTHWEST OF KEOTA, IOWA.

The offering consists of 26 Short-horns, 8 bulls and 18 cows and heifers, and 25 Polled Durhams, 5 bulls and 20 cows and heifers, of as well-bred a lot of stuff as will go into any sale. Animals of high individual merit, including 5 head of the well-known Short-horn show herd of L. W. Barnhart. In the Short-horn offering is included Imp. Dora 3d and other pure Scotch cattle, such as Golden Rule and Golden Rule 2d, sired by Imp. Golden Fame and out of Imp. Ruby 32d, and Scottish Myrtle out of imported sire and dam, and other nicely Scotch-topped cattle. Many of the cows have calf at foot, others safe in calf. The Short-horns are contributed by L. W. Barnhart, South English, Iowa, and M. Yoakim, Webster, Iowa. In the Polled Durham offering are two as well-bred Scotch bulls as the breed contains, Scottish Areher by Prince of Pallas and out of Imp. Ruby 32d. Claudius by Ottawa Gauntlet and out of Imp. Claudia 4th. Dora of Sittytown by Prince of Pallas and out of Imp. Dora 3d, and others of high individual merit and good breeding. Polled Durhams contributed by S. B. Wenger, South English, Iowa; T. S. Gore, South English, Iowa, and M. Yoakim, Webster, Iowa. The Poland China offering is a dispersion of the herd of S. B. Wenger, 45 in number. Eleven sows and one herd boar by Perfection I Know. Three sows by L's Tecumseh and others equally well bred. Perfection I Know's get have taken more premiums at Iowa State Fair the last three years than the get of any other hog, at any state fair. For catalog of hogs address S. B. Wenger, South English, Iowa. Hog sale 10 a. m. sharp. No catalog sent without application. Cattle sale 1 p. m. Sale in big tent. For catalog of cattle sale address L. W. Barnhart, South English, Iowa.

When writing to Advertisers please mention this Paper

Second Call for the Donohoe-Cash Sale of Aberdeen Angus Cattle.

In our issue of October 25th, mention was made of the very superior lot of sixty-five head of Aberdeen Angus cattle that would pass through the auction ring at Holbrook, Iowa, on November 13th. We wish to remind our readers that the auctioneers, Colonels Woods and Igo, will find much to talk about concerning the real merit and value of this superior offering. The consignors to this sale are all well and favorably known breeders of Aberdeen Angus cattle. We refer to Messrs. Wm., John and Mike Cash, P. J., M. H. and Mike Donohoe and Patrick Leahy. These breeders have associated themselves together and own two of the best Aberdeen Angus herd bulls in America, respectively the great show and breeding bulls, Woodlawn Blackbird Lad 35103 and Black Woodlawn, the sire of a part of Mr. P. J. Donohoe's champion show herd of 1906. In our initial mention of this very important sale, we dwelt briefly on the general character of the offering, and unfortunately at this writing, as we have not received the catalog we can do little more than to remind our readers, after a careful inspection of the herd, that from an individual standpoint, as well as from the standpoint of rich breeding in Angus lines, the like of this offering is seldom made. It is altogether probable that the twenty odd head of Blackbirds listed in this sale would not have been contributed at this time were it not for the fact that these breeders propose to make Holbrook, Iowa, a sale point or center where the Aberdeen Angus breeders of America can come and secure as good and as well-bred doddies as are to be found on earth. These enterprising breeders are always alert and awake to any business proposition that will promote the interests of Angus cattle, and they fully recognize that with the great show record made this year by the Holbrook doddies they cannot afford to offer a cheap or inferior consignment. Inasmuch as this sale occurs the day before the Baker & Smith dispersion sale, these breeders have decided to list some of the best cattle in their herd. It means a practical dispersion of Mr. Wm. Cash's prominent herd, including Woodlawn Blackbird Lad. There will be twenty bulls listed in the sale all told and forty-five females; twenty head of the famous Blackbird family, with a liberal consignment of Trojan Ericas, Prides and Queen Mothers. A more aristocratic galaxy of rich breeding would be difficult to find. Among Mr. Cash's good cows is Blackbird Favorite and hull calf at foot, sired by Woodlawn Blackbird Lad. This is a grand cow and would be an attraction any place where Angus cattle are in favor. The dam of this famous cow was a member of the P. J. Donohoe famous show herd. Another attraction is Blackbird Lassie 5th, with cow calf, the calf being by a Blackbird bull also. Another beautiful Blackbird cow is Blackbird Eclipse, a daughter of Bell's Eclipse, her dam selling in the Pierce sale last June for \$925. This splendid cow is now carrying a calf to the service of Woodlawn Blackbird Lad. A neat Queen Mother cow is Brookside Pansy. The great producing doddie cow, Pride of Dennison 23d, by Heather Blackbird, will calve about sale time or soon after. She is the dam of Pride of Clover Leaf, shown so successfully this season by Mr. P. J. Donohoe. The beautiful Trojan Erica heifer, Eileen, a daughter of Edward R., is surely one of the sweet things to be sold. Blackbird Lassie 10th is another of the good things that will calve by sale day. Queen Valentine and cow calf is one of the thick, roly-poly sort that pleases the lover of Angus cattle. Another good one is Pride of Cherokee 16th, as is Blackbird of Clover Leaf 2d by Brookside Star. Mr. Cash is loath to part with these choice females and with the herd bull, Woodlawn Blackbird Lad, but he is making some land changes which necessitates a change in his cattle operations for the present. The great show and breeding bull, Woodlawn Blackbird Lad, never looked more fit for hard service than at the present time, and Mr. Cash assures us that he is the surest bull that he has ever used. The old fellow with a very little fitting could re-enter the show rings and probably duplicate some of his past successes in hot competition. Mr. Mike Donohoe contributes seven head, two bulls and five long yearling heifers. The bulls are both big, stocky fellows, one of them a Miss Copeland, being exceptionally fancy. Among his offering of females is Coquette McHenry 35th, Glenfold Barbara 3d by Black Woodlawn, two Clover Pride heifers and one Miss Copeland, one Trojan Erica by Prileno. Mr. P. J. Donohoe, who won four championships and six first prizes on his Angus herd at the American Royal at Kansas City, will sell ten head, eight females and two bulls. In his offering will be consigned such beautiful heifers as Brookside Pride 3d, Queen of Dennison 33d, Pride of Dennison 6th and cow calf, Erona D., a Trojan Erica and bull calf, the cow herself being by Imp. Prileno, while she is in calf at this time to Black Woodlawn. Another good one consigned by Mr. P. J. Donohoe is Long Branch Crocus 3d by Lord Woodlawn. This is certainly a great cow and one worthy of consideration on sale day. Mr. Donohoe sells two fancy Blackbirds. Mr. M. H. Donohoe consigns a small offering, among which will be the beautiful heifer calf by Blackbird Royal out of Eileen Lass. This is strictly choice, as is also the Blackbird heifer calf by Black Woodlawn. Mr. M. H. Donohoe can always be depended upon to send forth something select. Numerically he is not a heavy contributor to the sale, but he is not ashamed of his offering. Messrs. Mike and John Cash each make small contributions of some of their best things. Mr. John Cash is selling some very useful cows and heifers bred, cattle that he can ill afford to spare, while Mr. Mike Cash consigns the Queen Mother heifer and a Blackbird cow that will look well in any herd in America. He also lists one K. Pride and a calf. However, the calf will in all probability be sold separately. Mr. Patrick Leahy, of Parnell, furnishes the last of the consignment consisting of six head from his famous Glenmere herd. Perhaps the choicest young Blackbird female in the entire sale is Glenmere Blackbird by Black Woodlawn. As the German would say, "she is big enough every way and sticks out all over." This famous little Blackbird heifer has quality to spare, as do the major portion of Black Woodlawn's get.

In this connection we might say that if there is an Aberdeen Angus bull in America that is the equal of Black Woodlawn in individual merit from a show yard standpoint, or from the standpoint of being a great sire, we do not know where he is located. Mr. Leahy also consigns one splendid Queen Mother cow and bull calf by Black Woodlawn, and one splendid Blackbird cow bred to Woodlawn Blackbird Lad. He also lists two splendid bulls, including the splendid bull, Black Monarch of Homedale 2d. This is one of the best Aberdeen Angus bulls to go through a sale ring this year. He is very true and level in his lines, possesses a typical doddie head, is chuck full of breed character and next to Mr. P. J. Donohoe's show bull, Glenfold Thickset 2d, he is the best hull among the younger fellows in the sale. Earl of Glenmere by Black Woodlawn is a Queen Mother bull that Mr. Leahy has been considering as fit timber for a herd bull. However, as Black Woodlawn is still in active service and he has access to him, he has decided to sell Earl of Glenmere in order to make the bull offering more attractive. As this will be one of the most important sales of Aberdeen Angus cattle during the season, we trust that all our readers will find it to their interest to write Mr. P. J. Donohoe, of Holbrook, Iowa, or Mr. Wm. Cash, of Williamsburg, Iowa, for sale catalog. As this sale is held on November 13th, the day prior to the Baker & Smith dispersion sale at Mt. Vernon, it will justify Aberdeen Angus men in coming a long distance to see these two great herds sold. Fifty-five blackbirds will be sold in the two days' sale. The greatest amount of Blackbird blood ever offered at public auction in the world in two days' sale. Parties attending the Donohoe-Cash sale on the 13th can leave after supper for Cedar Rapids, stay all night and leave during the forenoon for Mt. Vernon, which is but thirteen miles east of Cedar Rapids on the main line of the C. & N. W. railroad. Everyone contemplating the purchase of Angus cattle should arrange to attend these two sales.

Cookson Bros.' Scotch Short-Horns.

On page 34 will be found the announcement of Messrs. Cookson Bros., of West Branch, Iowa, who are again in position to furnish some strictly first-class herd bulls. This firm have probably furnished more herd bulls and more Scotch females from which good herds were established than any other breeders in the central West. Mr. Daniel Cookson, the father of Messrs. Cookson Bros., was the first man in America to breed Cruickshank cattle extensively. The senior Cookson in a very early day went to Canada and purchased at low prices the very pick of Mr. Jas. I. Davidson's first importation from Mr. Amos Cruickshank's herd. Hence, Messrs. Cookson Bros., who are the present owners of the herd, have been brought up in the business from their infancy. In fact they were rocked in a Short-horn cradle and have known little other of the cattle business than the famous Sittytton family. Their famous herd bull, Young Commodore, is unquestionably the greatest marvel of the modern type of Short-horns that is today living in the United States. There is no other Short-horn bull in all our acquaintance possessed of that great heart girth, wonderful spring of rib and great roundity that can be found in Young Commodore. He comes by this by inheritance. His sire, Commodore, was of this same type and he acquired this by inheritance. His sire was Imp. Bandmaster, the best forward ribbed bull ever purchased in Scotland by the late Mr. Wm. Miller, of Storm Lake, Iowa. Commodore's dam was Clementine Queen 3d, she by Imp. Master of the Mint, also a bull very strong in this respect, while her dam was Imp. Clementina Queen by Gravesend, conceded to be the best-ribbed Short-horn cow ever imported, unless it was Imp. Princess Alice. Messrs. Cookson Bros. have on hand at this time several herd headers sired by Young Commodore and out of imported cows or American-bred Scotch cows that are suitable to head the best herds in the land. They have a red bull calf by Young Commodore and out of Imp. Beauty 17th by King Cup that is in all probability the greatest production in all their years of experience. They are expecting to use this bull a very little and put him on the market this winter. Messrs. Cookson Bros. concede this fellow to be a better bull at the same age than his illustrious sire, Young Commodore. Certainly he is one of the thickest and best-developed bulls in all our acquaintance. It would be useless, however, for anyone to attempt to buy this bull short of \$1,000, and inasmuch as \$5,000 has been refused for his sire, this price would be very conservative. The other four young bulls now ready to place on the market are as follows: One Orange Blossom, one Heather Mayflower, one out of Imp. Winsome and one Narcissus. Messrs. Cookson Bros. are located two miles from West Branch, Iowa, two miles from Downey, one and one-half miles from Center Dale and six miles from West Liberty. All the above are railroad towns on the C., R. I. & P. system.

Addy & Son Offers Good Summer and Fall Duroc Boars.

Under date of October 19th Messrs. W. L. Addy & Son, of Parnell, Mo., breeders of Duroc Jerseys, write us that they have a number of summer and fall males got by their royally-bred herd boar, W. L. A's Choice Goods, a boar that carries more of the combined blood of America's great prize winners than does any boar of the breed excepting his litter brothers. A pig got by this boar was recently sold at four months of age for \$125. Last spring at their bred sow sale a number of sows bred to W. L. A's Choice Goods were sold. Pigs from these have gone through some good sales. In one instance the top boar and the top sow were both by this boar. At another sale the second and third tops were by this boar. Mr. S. D. Bolles, of Box Elder, Neb., the purchaser of the \$125 boar, writes as follows: "Something Choice is doing well. He is a good pig sure. Suits me good. Have you any gilts to spare?"—S. D. B." Mr. Addy is pricing these Good Choice pigs worth the money and would be pleased to give descriptions.

ALL SCOTCH Short-horn Sale

The only sale of absolutely all Scotch Short-horn Cattle to be held this Fall will be the sale of S. H. Thompson's Sons and W. M. Smith at West Liberty, Ia., Nov. 14.

S. H. Thompson's Sons sell twenty-seven head; W. M. Smith & Sons, 18 head, the Smith contingent being a dispersion, all of the Scotch Rosemary family. Thompson sells 17 females, all but three with calves at foot, or are bred, ranging from one to five years of age—all but one bred by themselves. Ten Scotch bulls are listed, of the Lavender, Alexandrina, Lovely, Mysie, Princess Royal, Duchess of Gloster and Rosemarys. Wm. Smith & Sons sell their herd bull, Ringmaster, a son of Young Commodore. Fifteen of the 18 contributed by Smith & Sons are females. Some showyard material, as well as some great breeding stock, is listed. The sale will be held at West Liberty in the heated pavilion.

Address for Catalogs either

**S. H. THOMPSON'S or WM. SMITH
SONS & SONS**

IOWA CITY, IOWA. WEST BRANCH, IOWA.

Col. F. M. Woods, Auctioneer.

PUBLIC SALE

DOUBLE STANDARD POLLED DURHAM & SHORT-HORN CATTLE
...AND POLAND CHINA HOGS TO BE SOLD AT PUBLIC SALE...

THURSDAY, NOV. 15TH

Sale to take place at Walnut Row Stock Farm, six miles east of Avon, Ill., eight miles southwest of London Mills, Ill. Sale will be held under cover. Hog sale to begin at 10:30 o'clock, cattle at 1 o'clock.

CATTLE

11 cows well along in calf and 7 cows with calf at foot, one of these cows has twin heifers; most of these cows are bred again, 2 two-year-old heifers, 9 yearlings, all bred. Bell Boy my herd bull sired by Golden Hero, the champion Polled Durham bull at the World's Fair, St. Louis; 4 yearling Polled Durham bulls, 2 yearling Short-horn bulls, 3 spring Polled Durham bull calves, 3 spring Polled Durham heifer calves, 2 spring Short-horn heifers. These cattle are all recorded but this year's crop of calves and they are all eligible for record.

HOGS

40 Poland China hogs, 8 yearling sows, recorded; 16 spring gilts, 16 spring boars and 1 yearling boar. All females open.

LAND SALE

I will also offer my farms for sale if not sold before. 120 acres in a high state of cultivation, three barns, two double corn cribs with driveways, granary that will hold 3,000 bushels of grain, stock sheds, and Fairbanks scales, concrete floor 16x24 for feeding hogs, water piped to all the yards and in the barns from large storage tank, also concrete hydrant boxes. 100 acres one-fourth of a mile east of the 120 acres; this 100 acres is fenced in 5 twenty acre fields, three of these fields are in blue grass with running water that never freezes or goes dry, 40 acres in corn this year; 220 acres is an ideal stock and grain farm. Terms made known on day of sale. For catalogs address,

J. C. GLASER, - AVON, ILL.

Cols. F. M. Woods and John Hartough, Auctioneers.
Messrs. F. A. Murray and Fred Harford sell Polled Durhams at Mazon, Ill., Nov. 14th.
Mention Homestead When Writing.

The Shelby County Short-horn Sale.

The first annual sale of the Shelby County Short-horn Breeders' Association will be held at Harlan, Iowa, on November 13th, and after an inspection of nearly all the cattle that will go into the sale we can truthfully say to prospective buyers that here will be one of the best opportunities of the year to buy a few choice cattle of either sex. The sale is under the management of Mr. C. W. Daws, one of the best-known breeders in the West, and he has personally inspected all the cattle that will be offered in the sale. Included in the sale will be sons and daughters of such noted Scotch bulls as Imp. Scotch Pride, the sire of the great Clark cow that has been winning at all the leading shows this fall, and he is also the sire of another good heifer that was a leading winner at the Portland Exposition; Imp. Lord of the Manor, Banner Chief, Gloster Bud, Sirocco, Baron Victor, Bonnie Scot 2d, Golden Steadfast, Master Cupbearer, Royal Gloster and other well-known Scotch bulls will have representatives in this sale. There will be a liberal number of Scotch cattle in the sale, among which will be some good Scotch bulls. Messrs. C. W. Daws & Son will contribute four head, two bulls, one nice heifer and a cow with calf at foot. The bulls are both sired by his former Cruickshank herd bull, Banner Chief. The best of these is named Chief and is No. 37 of catalog. He is a dark red in color, a very toppy fellow, with lots of style, good in his lines and will make a good herd bull. The other one is an October calf and is a very growthy fellow. The heifer that he puts in is named Golden Bracelet 2d, is two years old, and is a daughter of Imp. Lord of the Manor. Her dam is by the Duthie-bred bull, Scottish Minstrel, then comes the two noted bulls, Admiral and Grand Victor. She is a splendid individual and is one of the best heifers in the sale. Frantic of Ardmore is a three-year-old daughter of Imp. Scottish Pride and has a bull calf at foot by the Cruickshank bull, Banner Chief. This is one of the few opportunities Short-horn men will have of getting a daughter of this great bulls, as they are not being offered for sale. Mr. John C. Nyrup is putting in five head. One of these is a nice yearling heifer. She is a Rose of Sharon and is a daughter of his herd bull, Royal Lavender. He also sells two cows, Nos. 1 and 16 of the catalog. One of these is an especially good milk cow and has a calf at foot. The other will have calf at foot by sale time. He puts in two nice young bulls, both sired by Royal Lavender. Mr. H. W. Littleton sells one cow with calf at foot and one two-year-old heifer. The latter is a daughter of a bull called Gordon, bred by Mr. G. H. Miller and she is one of the good things in the heifer line in the sale. The cow with calf at foot is No. 9 of catalog, is five years old and a daughter of Frederick Hero 3d. Mr. George H. Miller sells one bull, one cow with calf at foot and one heifer. The bull is a yearling son of his Scotch bull, Gloster Bud, is a red in color, a sappy, low-down fellow, and is one of the best young bulls in the sale. The heifer is Mildred, a two-year-old double Scotch-topped Young Mary, and is the making of a most excellent cow. She is in calf to the Scotch bull, Idleside, that now heads the herd of Mr. John Cox. She is also a daughter of Gloster Bud. Jennie Lavender is a three-year-old cow, a daughter of Lavender 2d, with calf at foot by Gloster Bud. Mr. John Abrecht, consigns three head, two females and one bull. The latter is Pansy Prince, a son of the Scotch bull, Master Cupbearer, was a year old last February, and is a strong, vigorous fellow. He is right to go out now and do good service, and the man that gets him will get a good bull. Pansy Princess 2d is a three-year-old daughter of the Cookson bull, Bismark, that headed the herd of Mr. J. D. Peterson, at Anita, Iowa. She is due to calve about sale time to his Scotch bull, King Glamis. Miss Mary S. is a nice two-year-old heifer, a Scotch-topped Young Mary, a daughter of the Scotch bull, Sirocco, and has a calf at foot by a Scotch bull. Mr. J. G. Westrop, one of the best-known Short-horn breeders in Iowa, contributes four bulls and four females. He has selected some of his very best bulls for this sale, and they will meet the expectations of the most exacting buyers. No. 31 is Tidy Boy 252612, a son of his former herd bull, Sirocco. His dam is a daughter of Victoria Bud and his dam is a daughter of Imp. Gay Monarch. He has about as much of the very best Scotch blood tied up in his pedigree as will be generally found anywhere. He is a two-year-old, a roan in color and weighs 1,750 pounds. He was first prize winner in his class at Harlan and headed the first prize young herd at the same show. He belongs to the Frantic family that produced so many of the Robbins show cattle. Sweet Violet Lad is another son of Sirocco; was a year old in April and is out of Sweet Violet 4th by Prime Scot. He is a Marsh Violet, red in color and a very likely young bull. Sir Abbottsburn is another Sirocco bull, an April calf, a low-down, thick fellow, with four or five Scotch tops, and is one of those good Rubys. Another Sirocco bull and a great big, lusty, dark red fellow is two years old, and he belongs to the Flora tribe. These bulls are among the best he has and those who are after bulls will find them all we represent them to be. In females he puts in two good Sirocco heifers, one of these is Ruby, out of a daughter of Young Abbottsburn 2d, and has a nice red heifer, calf at foot by Royal Prince 7th, a son of Victor Mysie 2d, and the bull that stood at the head of the Westrop herd for some time. The other is out of a daughter of the great St. Valentine; is a Scotch-topped Young Mary and is bred to Sir Faithful. Drilla G. is a four-year-old daughter of Baron Taylor 2d, and has a bull calf at foot. Fairy Queen 3d is a good four-year-old; a daughter of Cleveland Boy, and out of Fairy Queen 2d by Royal Gloster. She will have calf at foot by sale time. Messrs. J. A. and W. F. Kilpatrick sell three head, one bull and two heifers. One heifer and the bull are all sired by Baron Greenfield, a Funke-bred bull. The bull is Griswold 246447, a nice red fellow and has been used some on their herd. One of the heifers is named Lovely and is a daughter of Mr. Charles Neff's well-known Scotch bull, Captain Lovely. The other is Red Bird, a nice smooth heifer, and

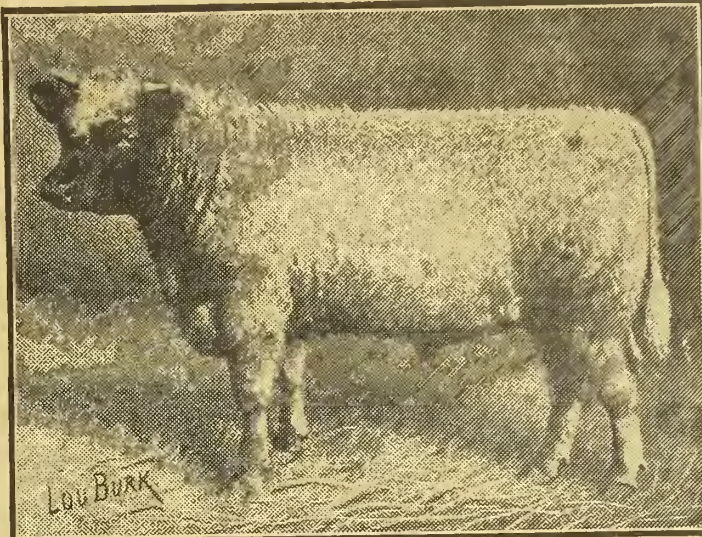
45
HEAD

BIG SOUTHERN IOWA SALE OF

SHORT-HORNS

45
HEAD

On Nov. 15, at E. C. Holland's farm adjoining the town of Milton, Ia., will be sold 45 head of select Short-horn cattle from the well known herds of E. C. Holland, Dr. Guernsey, Sample & Sample. E. C. Holland contributes 24 head, Dr. Guernsey 15 and Sample & Sample 6 head, including their herd bull.



A goodly number of cows with calves at foot or well forward in calf are offered. Dr. Guernsey sells 9 beautiful 2-year-old heifers all bred. Sample & Sample sell 5 cows well forward in calf and 12 of the Holland consignment are all bred to the splendid Scotch bull Prince Charles 166137.

For particulars concerning this sale and for catalog application should be made to

E. C. HOLLAND, COL. R. W. BARCLAY, MILTON, IOWA
Auctioneer.

REMEMBER THE THOMPSON & SMITH SALE AT WEST LIBERTY, IA., NOV. 14.

is safe in calf to the Scotch bull, Royal Hero. Mr. V. L. Dayton sells two Scotch bull. One of these is his herd bull, Golden Steadfast, a son of Imp. Steadfast. He is a richly-bred Scotch bull, a splendid individual, and a good breeder. Here is a bull that the breeders should not pass up, because he is good enough to go anywhere. He also sells one of his sons out of a daughter of Imp. Scottish Pride; and two good Cypress heifers and one Matilda. Mr. August Sonneland sells two heifers, both daughters of Baron Victor, a well-known Scotch bull of the Victoria family. He also sells an April bull calf sired by Baron Victor, and he is a Scotch-topped Young Mary. The cattle that go into this sale have been selected with considerable care, and there will be some exceptionally good things offered for sale. We suggest to prospective buyers that they send at once for a catalog and then be sure to attend the sale. Address C. W. Daws, Mgr., when writing and kindly mention The Homestead.

Lakewood Percherons.

The achievements of Lakewood Farm-bred Percheron stallions and mares has attained success in American show yards this and last season never before approached by any other American breeder. The great show stallions Calypso and Olbert, both imported, and International winners, head this magnificent stud. Lakewood Farm is owned by Mr. H. G. McMillan, of Rock Rapids, Iowa. At Minnesota State Fair Lakewood Percherons won championship on stallion and mare, grand championship open to all breeds on stallion showing four of his get, and grand champion mare showing two of her produce. The Percheron Society of America's gold medal for champion stallion, champion mare, champion three mares and champion display of five American-bred Percherons were all won by Lakewood Farm. More prizes were won by Lakewood horses at Iowa and Minnesota State Fairs in 1906 than all other exhibitors of this famous breed. At Iowa sweepstakes prize on stallion and get went to Lakewood. Percheron society's special for champion stallion any age, champion mare and champion group of five American-bred Percherons all fell to Lakewood. On December 12th and 13th, at Sioux City, Iowa, Mr. McMillan will sell eighty registered Percheron stallions, mares and fillies. The young stallions are clean and sound. The mares and fillies are largely bred to the International first-prize winners, Calypso and Olbert. We are informed that Mr. McMillan is seriously considering the consignment to this sale of practically all his prize winners. If he does this will be the choicest offering of Percherons ever made in this country. It will be the Percheron event of the year.

Some Good Cruickshank Bulls.

On page 39 of this week's Homestead will be found a change of copy for Messrs. C. W. Daws & Son, of Harlan, Iowa. They are offering four splendid Scotch bulls for sale, three of which are pure Cruickshank. One of these is Commodore 2d, a son of Grand Prince and out of Sittyton Lass, one of the greatest cows in the Cookson herd. She is also the dam of Commodore, the noted bull that has been used with so much success in the Cookson herd. Here is a splendid young Scotch bull, good enough to head any herd. His breeding is absolutely all right, and he is a good individual, and some man that is looking for a herd bull

LAKEWOOD FARM

LAKEWOOD FARM PERCHERONS MADE A RECORD NEVER BEFORE EQUALED IN AMERICA.

At Minnesota

We won championship on stallion, championship on mare, and the grand sweepstakes prize open to all draft breeds on stallion showing four of his get, and grand sweepstakes on mare showing two of her produce. In addition we won the Percheron Society of America gold medals for champion stallion, champion mare, champion 3 mares and champion display of 5 American-bred Percherons.



At Iowa

We won sweepstakes on stallion and his get; grand display bred by exhibitor; Percheron Society of America Special for champion stallion any age; champion mare and champion group of 5 American-bred Percherons. In addition to the foregoing specially mentioned prizes the Lakewood Stud won twenty-two other class and special premiums at these two greatest state fairs ever held—more prizes than fell to the lot of all other Percheron exhibitors combined.

230 PERCHERONS ON HAND; 100 STALLIONS, many of them show horses. Special prices during the fall months. Every stallion fully guaranteed. Send for new handsomely illustrated catalog.

ANNUAL PERCHERON SALE AT SIOUX CITY, DECEMBER 12 and 13, 1906

80 HEAD of high-class Percherons at auction, consisting of young stallions ready for service, mares and fillies. The mares and fillies are nearly all bred to the great show stallions, CALYPSO and OLBERT, both first-prize winners at the International, Iowa and Minnesota State Fairs.

H. G. McMILLAN, Prop.

Lakewood Farm, ROCK RAPIDS, IA.

C. M. DENT, Manager.

will find in this fellow about what he wants. Another splendid young bull is Nonpareil Prince, a son of the noted Parson's bull, Nonpareil King, and his dam is Susan Lady 2d by Field Marshal. He is a September calf and a wonderfully thick fellow. They also offer for sale a young Secret bull

by Imp. Lavender Champion, and a Queen of Beauty by the Cruickshank bull, Banner Chief. The latter is a straight Cruickshank and a double bred Queen of Beauty. If any of our readers are on the market for a herd header, the thing to do is to go and see these bulls, but do it right away.

A Letter from Havre.

Mr. S. J. Miller, of Kirksville, Mo., one of the importers of draft horses who deals in quality, more than in great numbers, was much pleased to receive from Perche, France, a copy of one of the leading papers in which appeared the following notice of his last importation of Percheron stallions and mares: "Nos chevaux en Amerique. On nous écrit du Havre: Les expéditions des chevaux percherons en Amerique continuent régulièrement dans notre port. Lasemaine dernière, un convoi de 70 étalons et juments, dont plusieurs primes aux concours de Paris et de Marnes, a quitté le Havre a destination de New-York via Londres. Dans ce nombre, on a particulièrement remarqué un lot d'étalons et juments qui, par leur excellente conformation et leur parfaite conditions, ont fait l'admiration des connaisseurs. Des mellieuses origines, ces chevaux sortent des écuries les plus renommées du Perche. Ces remarquables sujets, nous a-t-on dit, appartiennent à M. S. J. Miller, de Kirksville, Missouri, l'éleveur bien connu en Amerique. Avec un tel lot, M. Miller soutiendra certainement la réputation de notre élevage dans le nouveau continent. Espérons qu'il en aura la récompense et que nous aurons le plaisir de l'avoir parmi nous l'année prochaine.—Un Spectateur." Printed at Nogent-Le-Rotrou, France. The following is an exact translation by J. Davies, Interpreter: "The shipments of our Percheron horses to America continue regularly to our port. Last week a lot of seventy stallions and mares, amongst which were many prize winners at Paris and Marnes great shows, left Havre for New York, via London. Amongst that number, were particularly remarked a lot of young stallions and mares, which by their excellent conformation and perfect condition, were greatly admired by connoisseurs or judges. Of the best origins, these stallions and mares are from the best stables and breeders in the Perche district. These remarkable subjects, we were told, belonged to Mr. S. J. Miller, of Kirksville, Missouri, the so well known breeder in America. M. Miller will certainly be able to retain the reputation of our breeding in the new continent. We hope that he will have his recompense and that we shall have the pleasure of seeing him against next year amongst us.—A Spectator." A representative of this paper recently inspected Mr. Miller's horses referred to in the above article. They are indeed a grand lot of stallions and mares. Several two-year-old Percherons will tip the scales at close to 1,900 pounds. Some prize winners in Paris are in the lot. Mr. Miller was never better prepared to furnish stallions to the farmers of the corn belt. He will continue to sell at the barn door and the buyers of stallions should see his horses, get his prices and see if he cannot save them money. In future issues we shall have more to say of Mr. Miller's horses, but the best thing for those who want stallions is to go to Kirksville now. Mr. Miller's advertisement appears on this page.

Sale of Short-Horn and Polled Durham Cattle.

On November 15th, at Scotland Vale Stock Farm, six miles southeast of South English and seven miles northwest of Keota, Iowa, will be sold a choice lot of Short-horn and Polled Durham cattle, also forty-five registered Poland China swine, the property of Mr. S. B. Wenger. The offering in detail is as follows: Twenty-six Short-horn cattle, eighteen bulls and eighteen cows and heifers from the herd of Mr. L. W. Barnhardt, of South English. Also twenty-five head of Double Standard Polled Durham cattle, five bulls and twenty cows and heifers. Mr. L. W. Barnhardt contributes five head, including Imp. Dora 3d and other pure-bred Scotch cattle, such as Golden Rule and Golden Rule 2d by Imp. Golden Fame and out of Imp. Ruby 32d by Scottish Myrtle. Many of these cows offered have calves at foot. Mr. S. Yoakim is the other contributor of Short-horns. The Polled Durham cattle are contributed by Mr. S. P. Wenger, of South English, T. S. Gore, of South English, and Mr. M. Yoakim, of Webster. In the Polled Durham offering will be found two as well-bred Scotch Polled Durham bulls as the breed has to offer. One is Scottish Arcader by Prince of Pallas and out of Imp. Ruby 22d. The other is Claudius by Ottawa Gauntlet and out of the imported Scotch cow, Claudia 4th. Dora of Sittytton by Prince of Pallas and out of Imp. Dora 3d. In addition to the above cattle, Mr. S. B. Wenger, the well-known Poland China breeder, will disperse his entire herd of forty-five head of choicely-bred Poland Chinas, including eleven tried brood sows and his herd boar by Perfection I Know, and three sows by L. Tecumseh and other prominent sires. It is said on good authority that Perfection I Know's get have won more prizes at the Iowa State Fair during the past three years than the get of any other hog. For catalogs of this hog sale address Mr. S. B. Wenger, of South English, Iowa. For catalog of the Short-horn and Polled Durham cattle sale, address Mr. L. W. Barnhardt, South English, Iowa.

The All Scotch Short-Horn Sale.

We now call attention for the second time to the all Scotch sale of Short-horn cattle to be sold at West Liberty, Iowa, Wednesday, November 14th, at which time Messrs. S. H. Thompson's Sons, of Iowa City, Iowa, and Messrs. Wm. M. Smith & Sons, of West Branch, Iowa, will sell forty-three head of Scotch Short-horn cattle, all Scotch and all choicely bred in the best Scotch families known to the breed. Not only is this offering Scotch, but Cruickshank blood predominates. These parties have arranged to make this sale in the heated pavilion on the fair ground at West Liberty on account of the better accommodations to be had at this place. They have made free entertainment at the leading hotel at West Liberty, the Hise House, one of the attractions. This free entertainment is for all their guests from a distance who care to avail themselves of this home-like place during their stay in West Liberty. It is a pleasure to write up an offering of cattle of this character, because every animal in the Thompson herd, save one, was bred by themselves, and aside from Messrs. Smith & Sons' herd bull, which will be sold, the same can be said of their offering, so that the parties who attend this sale

and buy cattle can rest assured that they are buying them direct from responsible breeders who have given up their life to the work and are in no sense speculators or hucksters in the cattle business. One of the pleasant features in connection with this sale is that only a few families are represented and they being the old reliable, well-tried (and proven faithful) ones. Many years ago Mr. S. H. Thompson founded his herd of Pleasant View Short-horns, now conducted by his sons, on stock purchased of Mr. Daniel Cookson, one of the pioneers of America in breeding Scotch Short-horns. The Mysles, Alexandrinas and Rosemarys were favorites with the elder Thompson. All of his Mysles are founded on Imp. Mysie 36th, a cow bred by Mr. Amos Cruickshank in 1871, and imported in 1873 by the Hon. James I. Davidson. Mr. Davidson, up to 1887, had a practical monopoly on the handling of Mr. Cruickshank's annual crop of calves, and he imported many of the best cattle ever brought to America, Imp. Mysie 36th being one of this number. Mr. Thompson's Alexandrina's all come through Imp. Alexandrina 6th, a splendid cow bred by the late W. S. Marr. The foundation of these is the same as the famous Cruickshank Cicely tribe. Imp. Cicely was of this family. Robbins' great show and breeding bull, Gay Monarch, as was also the dam of Cupbearer. The Rosemary was a family that Mr. S. H. Thompson held in very high esteem. His Rosemarys all descended from Imp. Rosemary, bred by Mr. Amos Cruickshank, sired by Breadalbane, also bred by Mr. Cruickshank. The imported cow was brought out in 1874 by the Hon. James I. Davidson. The Rosemarys descend from Mr. Cruickshank's celebrated Jessie tribe, the same as the Orange Blossom foundation. Mr. Smith's herd is entirely of this Rosemary family. A number of years ago Mr. Smith selected of the elder Mr. Thompson the Rosemary cow, Rosy Gem 4th by Blue Valley Duke 3d, and from this one cow has descended their entire herd, their breeding being practically the same as the Thompson cattle, for the reason that until recently they have always used a Thompson-bred bull. Blue Valley Duke 3d may have had a misleading name. However, he was a pure Cruickshank bull of the famous Lovely family. He was sired by Imp. Double Gloster and out of Imp. Lovely 41st by Cumberland. This cow on which Messrs. Smith's herd is founded was out of Rosy Gem 3d, a daughter of Imp. Spartan Hero. What Messrs. Smith & Sons have achieved in a few years patient breeding, serves as an object lesson to the young breeders of today of the possibilities in the pure-bred cattle business, if the breeder will only buy right and then stick to his text. Messrs. Smith purchased the single cow and now have eighteen of her descendants in the sale. It is a practical dispersion of the Smith & Sons herd, some four old cows only remaining on the farm. Messrs. Smith & Son will sell their present herd bull, Scotch Ringmaster. This is a Cookson-bred bull, sired by Young Commodore. He, without question, is the best Short-horn bull in Iowa. Young Commodore was got by Commodore, he by Imp. Bandmaster, while his dam was Clementina Queen 3d by Imp. Master of the Mine, her dam being Imp. Clementina Queen by Gravesend. Young Commodore's dam was Imp. Gay Lad, she by Grand Old Turk and out of Lady Fragrance 9th by Sergeant-At-Arms. Scotch Ringmaster's dam was by Banner Bearer; her dam by Home Secret, a son of Imp. Spartan Hero. Scotch Ringmaster belongs to the celebrated Orange Blossom family, conceded to be the best milking strain of Cruickshank cattle. The imported cow to which this bull traces, Imp. Orange Blossom 18th, was sold in 1876 for \$3,500. Here is an opportunity for someone to secure a good herd bull that has been tried and proven worthy of a place at the head of a herd. The offering from both these parties is desirable in every way, as there are no old cows offered; six years old being the limit. It is not a culling out sale, so far as Messrs. Thompson's Sons are concerned, but is simply an offering of the surplus young stock that they have bred on the farm for the purpose of selling to breeders. So far as Messrs. Smith's contingent is concerned, it is practically a dispersion, as has been before stated, and will give the breeders an opportunity to get his reserved stock that has hitherto been priceless. Catalogs can be had at this writing by addressing Messrs. S. H. Thompson's Sons, Iowa City, or Messrs. Wm. M. Smith & Sons, at West Branch, Iowa. In the next issue of The Homestead will be found some sample pedigrees of this famous offering of Short-horn cattle. We trust that they will be carefully looked up by those who contemplate the purchase of Scotch Short-horns in the near future, as this sale will in all probability offer the greatest opportunity for Scotch cattle that will present itself this year. In fact it is the only offering of all Scotch Short-horns that has been announced for more than a year.

Blatchford's Calf Meal.

No doubt thousands of our readers know something about the wonderful results that can be produced by the feeding of Blatchford's Calf Meal as a substitute for skim milk. To those who have not had experience with this product it may be said that it is almost identical in composition with skim milk. It is not a by-product made up of mill feeds, but is composed entirely of selected materials obtained from leguminous seeds, flax seed, bean meal, blood and flour. It contains all the elements necessary for symmetrical bodily growth of young animals, and these are in a most desirable form. In the corn belt where there are so many dual-purpose animals the use of Blatchford's Calf Meal is almost an absolute necessity. The milk may be skimmed and the cream sent to the creamery, or all the milk may be sent to the cheese factory and still the calves be brought up to full weights at an early age. Calves of good breeding fed on Blatchford's meal can be finished as baby beefs and may easily be brought to the weight of 1,200 or 1,300 pounds by the time they are eighteen months old. You then have a steer worth \$50 or \$60, and the total cost of all the feed he has eaten will not be more than half the selling price. Blatchford's Meal is manufactured by Mr. J. W. Barwell, of Waukegon, Ill. An illustrated booklet will be sent upon application, giving full information and directions about the use of this wonderful meal. Please mention The Homestead when you write, and look up the advertisement on page 7 of this issue.

SHORT-HORN



CATTLE

ON WEDNESDAY, NOV. 14TH

59

Head of Short-horn Cattle

Will be offered for sale by J. & I. J. Godden, Fair-lawn Farm, Bradgate, Ia. At our fourth sale we will sell 48 cows, heifers and calves—11 bulls.

59

THE females are of the good reliable kind, Duchess of Gloster Orange Blossom, Duchess 10, Sanspareils and good American families. It will consist mostly of young cows two, three and four years old. All shy and doubtful breeders have been sent to market and we are keeping the old cattle on the farm. It is an offering of well bred and good individuals. The cows are bred to Prince Malcolm 201060 by Malcolm 171375, bred by C. E. Gerlaugh. Ohio Malcolm is out of Imp. Missie May of the celebrated Missie Family. There will be eleven cows with calf at foot. The bulls are a smooth, even lot with color, breeding and quality from nine to eighteen months old from good milking cattle. Your presence is kindly invited if you wish to buy or not. Lunch at noon. Parties from a distance will stay at the hotel as our guests. A postal card will bring you a catalog. Send for and arrange to be with us. Bradgate is on the Eagle Grove and Hawarden branch of the C. & N. W. Railway. Bids can be sent to the auctioneer and will be well protected.

J. & I. J. GODDEN, BRADGATE, IA.

A. P. Mason, Auctioneer—R. J. Johnson, Clerk.

COMBINATION SALE OF

SHORT-HORN CATTLE

At UNION, IA., THURSDAY, NOV. 8th.

Mason's sale pavilion at 12:30 p. m. Hog sale at 10 a. m. No postponement on account of weather.

45 COWS AND HEIFERS

Fifteen calves at foot; fifteen bulls of serviceable age. Five head of the cattle are straight Scotch.

30 DUROC JERSEY HOGS

20 gilts and ten young boars. Good ones.

20 POLAND CHINA HOGS

3 old sows, 5 gilts and 12 spring boars.

Free Lunch at 12 o'clock.
Send for Catalog

A. P. MASON, Manager



S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

My importation this year was composed of young stallions and mares that attracted the attention of all importers and lovers of fine horses. Prize winners in Paris are among the Percherons. Two coaches, one a two-time winner, are also in my barns. I have two-year-olds that weigh right at 1,900 pounds. No better strains are found in France. All are young, blacks, dark grays and bays. They are quartered at my barns at Kirksville, Mo., where I would be pleased to show them. If you need a stallion this year I am better prepared than ever before to sell you something extra and at a price that will save you money. By making my own selections in France, selling them myself and at the barn door enables me to do this. I can also sell you some fine mares. To the man wanting an absolutely first-class jack I will say that I have him well marked and big. Come to my barns and let me show you. I will treat you right every way. I can also sell you smooth-coated Fox Terriers, the rats' enemy. Priced at \$3 to \$7.50 each.

Kirksville is on the Wabash and Burlington railroads.

When writing to Advertisers please mention this Paper

The Last Call for the Lucas County Short-Horn Sale.

The second annual sale of the Lucas County Short-horn Breeders' Association will be held at Chariton, Iowa, on November 8-9, 1906, and it promises to be one of the most attractive sales held in southern Iowa this year. They are offering 102 head for sale and about thirty of these are bulls, including the noted Scotch bull, Imp. Avalanche 154294. The number and the quality of the bull offering is such as will and should commend the attention of breeders, and especially those who want bulls in numbers. The man who wants a car load of bulls can easily get what he wants at this sale. We desire to call attention to three excellent Scotch bulls, Nos. 1, 61 and 65 of catalog. No. 1 is Imp. Avalanche 154294, a seven-year-old son of Spicy Monarch. This splendid bull was bred by Wm. Duthie, of Collynie, Scotland, and is a bull of plenty of size and quality. He is a good breeder and will weigh about 2,300 pounds. Mr. J. E. McCorkle consigns him to the sale because he has used him a number of years and has retained nearly all his helpers. He should be looked after by some breeder who wants a herd bull. Another well-bred Scotch bull is Clan Stewart 167300. He is also red in color and was bred by Messrs. Cargill & Son, of Ontario, Canada. He is a son of Imp. Clan McKay by the celebrated bull, Clan Alpine. His dam is Imp. Sappho 2d by Prince of Archers, a son of the noted bull, Scottish Archer, sold by Mr. Duthie to be the best stock bull he ever owned. The other good Scotch bull is Arabella's Crescent Knight, consigned by Mr. R. L. Bott, of Humeston, Iowa. He is a son of Imp. Crescent Knight and he is out of Imp. Arabella by Watchman (71823). He is a little thin in flesh, but is bred right and he is right, and any breeder who owns a good herd can use him. Among the good Scotch-topped bulls are Lots 21, 26, 27, 62, 63, 76, 79, 94 and 99. There are other bulls in the sale that are good individuals and these are Nos. 89, 90, 91, 92, 93, 98 and 102. The bull offering is an especially meritorious one and there will be some good bargains in the sale. A perusal of the catalog will show some rich Scotch and Scotch-topped blood among the females, together with a lot of heavy-milking Bates cattle. One of the best Scotch cows is Narcissus Flora, a four-year-old daughter of Field Marshal. Her dam is Narcissus Queen by Commodore; second dam by Home Secret and third dam, Imp. Narcissus by Bampton. This cow has eighteen Cruickshank crosses and is as richly bred a Cruickshank cow as can be found in the herd books. She is safe in calf to Imp. Avalanche. A good Scotch heifer that will be sold in this sale is Avern Victoria, a year old in April and a daughter of Imp. Avalanche. She is out of a daughter of Victor Mysie 2d and is a richly-bred Cruickshank Victoria. Avern Rosabella is another good yearling daughter of Imp. Avalanche, and Gaiety's Manhattan is a three-year-old daughter of the Scotch bull, Roseleaf Duke. This heifer was second in the Lucas county show in 1905 and in good company. Mr. C. W. Ramsey is putting in some good, useful cattle, all regular breeders, good milkers and are bred to Sunny Blink Knight, a pure Scotch bull. Mr. F. H. Tinker, of Russell, Iowa, is also selling some good cattle in this sale. The Myrtle strain in the Tinker herd are great milkers and as most of them are suckling calves will be a little thin. He is selling a good Scotch-topped Young Phyllis bull in Scotch Knight 207284. This bull is now four years old, is a good individual and a good breeder and he will have a number of his calves in the sale. Mr. R. L. Bott is closing out his herd and is offering some good cattle in this sale. Mr. C. W. Huntley is selling three good heifers, and the rest of the cows and heifers are selected as good business cows that will make the buyer money. Here is going to be a good place to buy cattle and we sincerely hope they will have a good attendance at the sale. They have issued an excellent catalog which should be in the hands of every breeder and lover of Short-horn cattle. Write to Mr. C. W. Huntley, secretary, Chariton, Iowa, and it will be sent you. Kindly mention The Homestead when doing so.

A Combination Sale of Short-horn Cattle.

We have the pleasure this week of calling the attention of our readers to an important Short-horn cattle sale to be held at Union, Iowa, November 8th, at Moran's sale pavilion. Sixty-one head, forty-five cows and heifers and sixteen bulls, will be sold. Mr. Henry Schwarck, of Eldora, Iowa, consigns twenty-five head; Mr. A. P. Moran, sixteen head; Mr. Nelson Fiscus, of Liscomb, Iowa, five head; Mr. F. P. Clappitt, of New Providence, Iowa, five head; Mr. R. H. Hadley, of New Providence, Iowa, five head, and Mr. C. R. Stubbs, of Conrad, Iowa, one head. The offering is first class in every particular. Many of the cows are first-class milkers. Three straight Scotch bulls, good enough for herd headers, will be sold. Scottish Milkmaid 4th, No. 1 of the catalog, is one of the good Scotch heifers to be sold in Iowa this year. If you want to try good practical Short-horns, be sure and attend this sale. Union is on the Iowa Central railroad, eighteen miles north of Marshalltown and seventy miles south of Mason City, Iowa. Thirty Duroc Jersey gilts and boars and twenty Poland China sows and boars will be sold at 10 o'clock a. m.; cattle sale at 1 o'clock p. m. Send to Mr. A. P. Mason, of Union, Iowa, for catalog. See advertisement on page 38.

Crow's Big-Boned Poland Chinas.

November 7th is the day for Mr. Crow's annual boar sale at Maclay, Iowa. There will be forty-five head offered, all bred by him and farrowed as follows: Two, January 24th, March 12th, April 7th, May 17th; sired by Crow's Model 30729, a hog that has few equals for size, strong frame and heavy bone; could be made to weigh 1,000 pounds easy, and has a good, strong ten-inch bone; is sire and grandsire of many good ones. Sixteen by Up To Date 36007, the best-finished big hog I ever saw; weighed 665 pounds when twelve months old, and 800 when twenty-four. He has a ten-inch bone; is hard to fault. His get are proving him a great sire. They are of the kind

that mature early; grow into large hogs. His color and coat are all that could be asked for. Eight are sired by Look Here 37768, a good, strong yearling, weighing 500 pounds at twelve months in every-day suit. His pigs are a credit to him as a sire. Tako the offering all through they surely ought to suit any person looking for large, growthy heavy-boned stock that have finish. The sales in the past have proven that Mr. Crow's hogs are of the type very much sought for by breeders and farmers who make a success of raising hogs. Mr. Crow has been in the business for sixteen years and never showed a hog at my fair. The only way the public can see there is at the farm in breeding condition. They are kept for breeding only, and have access to plenty of grass. No trouble at farrowing time, and plenty to the litter. The dams of the offering are as good a lot of useful sows as one could wish to see in many a day. They have ample size and lots of quality, extra heavy bone. The sale will be held in a tent. Free entertainment to all. Send for catalog explaining all and attend the sale. It will pay you. See advertisement on page 46 and address W. J. Crow, Webb, Iowa, and mention The Homestead.

The Last Call for the Staples Duroc Jersey Sale.

One of the most important Duroc Jersey sales that is now to be held this fall is that of Messrs. W. A. Staples & Son, at Glidden, Iowa, on November 8th. We predict a good sale for this veteran breeder and his son, and they deserve it. They are putting up a good offering, composed of thirty-five very toppy boars and fifteen good gilts. Among the choice things in the boar line are two splendid sons of old Orion out of the \$605 sweepstakes sow, Nancy VIII. Here is a proposition for the breeder that wants a herd header, and especially the man that wants an Orion boar. Either one of these is a good proposition and will not go begging on sale day. Then there will be three boars by the noted prize-winning boar, Critic's Echo, and as that well-known sire is now dead it will pay breeders to hustle and get one of his sons. This blood has been breeding on and on and it has never hurt any man's herd. The time to buy it, however, is when you can get it and there never was a better opportunity than in the Staples sale. Other boars in the sale will be sired by Junior Jim, the second-prize boar at the Iowa State Fair this year, and still others by I Am a Wonder, a half brother to the sweepstakes boar at Des Moines this year. A few other boars will be sired by Proud Advance Again and O. Pig, a son of Orion. They are also selling a choice lot of gilts in this sale. Any of our best breeders can well afford to buy one of these and should they care to put it into a spring sale can double their money. There will not be another sale this fall that can boast of as much good blood as will go through the ring on November 8th. Arrange by all means to attend the sale. Write for catalog and be kind enough to mention The Homestead when doing so.

Sale of a Prominent Berkshire Boar.

There is probably no Berkshire breeder in the West doing more to keep up the size and bone, as well as the great length of the large English Berkshire hog, than is Mr. W. D. McTavish, of Coggon, Iowa. Very recently Mr. McTavish has sold one of his herd boars, Royal Premier 67448, this boar going to Mr. J. R. Elliott, of Woodward, Iowa. Royal Premier was bred by Mr. N. H. Gentry, sired by Lord Premier and out of Duchess 193d. Both Lord Premier and Duchess 193d were sired by Baron Lee 4th. This boar was the best son of the great and lamented Wooddale boar, Longfellow 16835. In this fellow we find a concentration of the blood of Longfellow, with all the good points of that famous old sire brought to the surface through Royal Premier. Most of Mr. McTavish's pigs for this season are sired by this boar, and as recently seen by a representative of The Homestead, they are an unusual lot of very long-bodied, heavy-boned pigs, usually having fine strong arches in their backs showing great strength of back, with an evenness from head to ham. Great depth of sides has been another potent factor in bringing to the front the Chapel Hill herd of Berkshires. As recently inspected by a Homestead representative, we have found thirty-five very choice April, May and June boar pigs, now being shipped out to Homestead readers throughout the length and breadth of the country. To our more than 80,000 readers each week we can say that no breeding establishment offers better inducements nor better pigs at the uniform price of \$25 each than can be sold by Mr. McTavish. His announcement appears in The Homestead at all times and he will be found a thoroughly reliable and honorable gentleman with whom to do business.

Alldritt's Durocs.

One of Nebraska's prominent breeders who is gaining a foothold in the Duroc business is Mr. Frank Alldritt, of Friend, Neb. Although young in business, Mr. Alldritt has shown great judgment in choosing and mating his herd and now has to offer the public a bunch of youngsters that are right in every respect. Among the good things that Mr. Alldritt has to offer are three sons of the great Ohio Chief. They are growthy fellows for their age and are pigs with quality enough to head any herd. There are also some choice youngsters by old Higgins' Model, the great boar that has made himself so prominent among hog breeders. Mr. Alldritt has pigs from ten of the best sires in the business and if you are in the market for a good boar pig or gilt write him at once or arrange to attend his fall sale, which will be held November 10th, at Friend, Neb. In this sale will be sold daughters of Ohio Chief with the breeding privilege to Alex Air, the only living son of the great sow, Alex II., the \$740 sow belonging to Mr. John M. Morrison, of College View, Neb. This great young boar is owned by Messrs. Frank Alldritt, Geo. Briggs & Son and Henry Warren. He was bought by these breeders at Mr. John Morrison's sale at the neat little sum of \$415. Remember this great offering and arrange to attend the sale and get an Ohio Chief gilt bred to Alex Air.

THE DISPERSION OF THE RIVERDALE HERD OF Short-horns

WILL TAKE PLACE AT THE STATE FAIR GROUNDS
... SPRINGFIELD, ILL., MONDAY, NOV. 5TH ...

42 HEAD---10 BULLS

The entire herd goes in order to settle a partnership. Nothing will be reserved or protected and a herd of matrons that were selected with care and an idea of long service at Riverdale go at such figures as you see fit to give. They are a strong lot. Good individuals, choicely-bred and producers of worth. Imported and home-bred Scotch are listed, including the leading Cruickshank and other leading Scotch tribes with a number of good American sorts with the best of Scotch tops. The bull list is a strong one, including the Duthie-bred bull Highland Champion, one of the best sons ever imported of the celebrated sire Lovat Champion. This bull is an exceptional individual, a getter of stock of unusual merit, some of which are winning in the leading shows of this season. This is an opportunity to secure a sire regarding whose worth there is absolutely no question. Pride of Riverdale is the pick of the last year crop by Highland Champion and he was reserved for service in the herd. He is a Cruickshank Secret with five imported sires at the top of his pedigree followed by the best of Cruickshank productions. With all this he is an extra individual and it is an opportunity that does not often come to secure a high-class herd sire. Good selections can be made from among the others too. This sale should attract widespread attention. Get the catalog. It will interest you and will be mailed to all who write for it, mentioning The Homestead, to

S. E. Prather Co., - - Sherman, Ill.
Col. Geo. P. Bellows, Auctioneer.

..FIRST ANNUAL SALE.. OF THE SHELBY COUNTY

SHORT-HORN

BREEDERS' ASSOCIAT'N

TO BE HELD AT THE SALE PAVILION

HARLAN, IOWA, TUESDAY, NOV. 13, 1906.

A Choice Lot of Scotch and Scotch Topped Cattle From the Herds of

J. C. NYRUP, J. A. OBRECHT, H. W. LITTLETON,
J. G. WESTROPE, G. H. MILLER, OLE OLSON, V. L.
DAYTON, AUG. SONNELAND, W. F. KILPATRICK,
G. E. MILLER, C. W. DAWS & SON, R. C. RASMUSSEN.

...30 Cows and Heifers and 15 Bulls...

The cattle that go into this sale have all been inspected by a committee selected to pass upon them and nothing but the very best was allowed to be cataloged. There are some particularly high class herd bulls in the offering, some of which are straight Scotch. The cows and heifers are also a very high class lot of the beefy, early maturing, and well bred lot of cattle and many of these will have calf at foot. When writing for catalog, address

C. W. DAWS, MGR., - HARLAN, IA.
Col. Geo. P. Bellows, Auctioneer.

More Concerning the Great Dispersion of Blackbird Aberdeen Angus Cattle of Baker & Smith.

As per previous announcement the Cloverdale herd of Aberdeen Angus cattle, 85 per cent of which are of the famous Blackbird family, the property of Messrs. Baker & Smith, of Mt. Vernon, Iowa, will be dispersed at Mt. Vernon, on November 14th. This marks one of the greatest epochs in Aberdeen Angus history. Perhaps no event of the kind, aside from the great Turlington dispersion, the W. M. D. Lee dispersion, the J. Evans, Jr., & Sons' dispersion, Wallace Estill's dispersion, and M. A. Judy's dispersion, has ever attracted so much attention from Angus breeders throughout the length and breadth of the country as this sale, and at none of these other dispersions, not even the celebrated closing out sale of Messrs. Charles Escher, Sr., & Son, was anything like the number of Blackbirds offered that will go under the auctioneer's hammer at this time. The Homestead representative who has been familiar with Angus cattle and has had something to do with writing up and handling all of the dispersion sales previously mentioned, can vouch for the fact that this will be the opportunity of a lifetime for the breeders of the land to strengthen their herd in Blackbird blood, as well as for the new beginner to buy the foundation stock and start aright, so that he will never have to start over again. Among the nine bulls offered, aside from the two great herd bulls, Black Keillor 3d and Black Man, are several fine young bulls of splendid conformation and of breeding that could scarcely be improved upon, as every one of them are Blackbirds, making an offering of the sum total of nine Blackbird bulls. A word concerning Black Keillor 3d. This bull has been in service for a number of years. He was calved Dec. 29, 1899; bred by Mr. Robert Craik; his sire was the great Clyde bull, Clyde of Albion, he by Benevento by Young Hero, he by young Viscount. Benevento was a Blackbird bull, coming through Blackbird of Corskie 685, while his son, Pride of Albion, was a Mulben Pride. Black Keillor 3d's dam was Blackbird of Craikstone. She, too, comes through the famous Blackbird of Corskie tribe and is only four removes from Blackbird of Corskie 685. The disposition of this grand bull is perfection itself. So much so that Mrs. Baker can and does lead him anywhere. He is a bull of superior individual merit and in ordinary flesh has won sweepstakes prize at all fairs wherever shown, defeating the grand champion of the Pan-American Exposition. Black Keillor 3d is a half brother to the great Chansman Chief, his dam being bred at the greatest of all Aberdeen Angus breeding establishments, Sir George's herd at Ballindaloch. The first calf from this great bull was a prize winner in 1903 at the International at Chicago. As he is a sure breeder and active in every way, he will be a valuable acquisition to any breeder's herd who may be wise enough to lay hold of this fellow on sale day. It is only on occasions of this kind that such bulls are placed on the market. Much the same may be said of Blackbird Man, stable companion to and assistant as lords of the harem. Blackbird Man was calved Dec. 2, 1903. He is a double Blackbird, being sired by Heather Blackbird, he out of Blackbird of Turlington 6th, she by Black Knight, one of the richest-bred Blackbird bulls that ever lived, while her dam Blackcap of Linn was by Benevento and her dam, Blackcap of Keillor Lodge, she by Knight of St. Patrick. He is the greatest Pride bull ever imported to America. Blackbird Man has for his dam the celebrated cow, Blackbird of Emerson 2d, a granddaughter of Gay Lad and out of Blackbird of Wellington by Young Wellington, the show bull of International fame. This bull was secured for use on the daughters of Black Keillor 3d. He is one of the thickest, as well as one of the smoothest, two-year-old Angus bulls in the land. He is chock full of breed character, style and finish. He is unquestionably a show bull and would be a troublesome contestant in the show ring, were he exhibited. His dam was a first-prize winner at many of the leading state fairs, while her sire was a prize winner as well, while her second sire, Young Wellington, was the Columbian Exposition champion that has not been lost sight of by the breeders of Aberdeen Angus cattle of America. The good business judgment of Mr. Matt Baker in selecting these two bulls to be used on this herd, has certainly been verified by their produce. It now remains to be seen who will be wise enough to buy these bulls at whatever price they may go at and continue the good work. There has not been an opportunity in many years to secure the high character of Aberdeen Angus bulls that has been mentioned above. Among the younger Blackbird bulls are some equally promising, but are, of course, younger and not so well developed. Of the cows and heifers we shall have something to say later. Suffice it to say at this time that they are a superior lot from a standpoint of rich breeding and individual merit; the only criticism that could be given on any of the offering is that in deference to their future usefulness Mr. Baker has not clothed them with that thickness of flesh that would bring many more dollars to his pocket on sale day. He has preferred that the cattle sell for less money on account of not loading them with flesh so that their reproductive powers might be retained to the fullest extent. As evidence that this is the right course, in order to secure rapid breeders, we will hark back to the records of the Baker & Smith herd which show that in five years there has been a living calf each year produced for every female on the farm of breeding age. Thus the fecundity of the herd has been preserved to that extent that at least in Mr. Baker's hands he has had the assurance of knowing that his herd was doubled in numbers each year. There has never been an abortion in the herd since Mr. Barker became identified with it. This is certainly a remarkable record and is due largely to the common sense methods of Mr. Baker, who is one of the most practical men that has ever engaged in the business. His record as a breeder, fitter and exhibitor of high-class show cattle is an enviable one. He has not only been successful against all comers with the famous black-skins, but was equally success-

ful when exhibiting Short-horns, for it was he that brought out and exhibited so successfully the Missouri-bred cow, Red Bird, that repeatedly defeated at the greatest shows in America all the imported cows that met her in battle array. The sale will be held on the farm adjoining the depot ground of the C. & N. W. railroad at Mt. Vernon, Iowa. Every preparation has been made for the comfort and entertainment of those who may attend this sale. Inasmuch as this sale will be held the day following that of Mr. William Cash and others, of Williamsburg and Holbrook, Iowa, a large attendance may be expected. When thirty-five Blackbirds are offered in one sale it surely means that the Angus world should be stirred from center to circumference. To those who are contemplating the purchase of Angus cattle, we would certainly urge that they send to Messrs. Baker & Smith, Mt. Vernon, Iowa, for the sale catalog which is now out and ready for distribution, and in doing so kindly mention the fact that you were induced to do so by seeing this notice in The Homestead.

Godden's Short-horn Sale.

On Wednesday, November 14th, Messrs. J. & I. J. Godden will sell a draft of fifty head from their well-known herd of Short-horns at their farm, near Bradgate, Iowa. In their announcement they have the following to say regarding their offering: "In making the offering herewith cataloged, we desire to say that we have taken great pains to get the best cattle, and it is a very attractive offering we are now making—nearly all young cattle. It will be seen the breeding is of the best, in well-established families, having had three first-class Scotch bulls. The cattle show the Scotch type, the low-down, blocky type that are so much sought after, and they will be in breeding condition, not overloaded with fat." The Scotch bulls referred to in the announcement are Malcolm 171375, a son of Royal Favorite 140612 and out of Imp. Missie May by Pride of Morning 120551; Lord Mar 116306, a son of King James 103902 and out of Lady Hawthorne by Imp. Royal Ranger, and Prince Malcolm 201060, a son of old Malcolm and out of Brewster Beauty 3d by Prince Victor. The latter bull is a straight Scotch bull of the Marr Beauty family. All the cows with calves at foot, or bred and safe in calf, will be by this richly-bred Scotch bull. He is now four years old and because they are retaining his heifers they therefore decided to put him into the sale. He is a good breeding bull and will be a bargain for some breeder who wants a herd bull. The offering is made up of Orange Blossom, Duchess of Gloster and Beauty tribes among the Scotch, and of the Arabella, Duchess, Sanspareil, Ruby, Agatha and Rosabella among the Scotch-topped cattle. They are selling fifty head, ten of which are young bulls from twelve to eighteen months old. About twelve to fifteen cows will have calves to Prince Malcolm, the Scotch bull referred to above. One of the best families in the herd is the Duchess tribe, and they have quite a number of these in the sale. They are all well topped out with excellent Scotch bulls, are invariably good milkers and have been excellent producers in their hands. In fact the calves at foot and those well along in calf will demonstrate the fact that they are a practical and money-making lot of Short-horns. Blossom Princess is a nice two-year-old heifer, a daughter of Gloster Prince and is one of those good Orange Blossoms. Gloster Lady is a yearling daughter of Prince Malcolm and is a richly-bred Duchess of Gloster. Sunbeam is one of the good cows in the sale. She is six years old, has had four calves and is safe in calf again to Prince Malcolm. There are a number of good cows in the sale, all sired by Scotch bulls. There are eleven bulls in the sale, including the herd bull. Six of these are sons of Prince Malcolm and four are sired by Gloster Prince, a richly-bred Duchess of Gloster bull. The sale will be held at the farm near town, and those attending will be well cared for. When writing for catalog kindly mention The Homestead.

The Great Herd and Show Boar, Pericles H., for Sale.

Very rarely does the public have a chance to buy, and at a reasonable price, a herd boar of admitted power and breeding, strong individuality and a high show record. Yet that is what Messrs. Norrish & Bevington, of Kingsley, Iowa, are now offering for sale. You can buy their great herd boar, Pericles H., for a very reasonable price if you do it quick. Pericles H. is a hog of exceptional worth in all three regards mentioned above. Now three years old he has won the much-coveted honor of second prize at Sioux City at the big interstate fair for the past three years and barely missing first once or twice. He is a boar of medium scale, excellent back, breadth, depth, good underpinning, nice head and finish. He is sired by old Pericles. As a breeder there are few better. Owing to their herd being stocked up entirely with his get they want to sell this boar. If you are a wise Duroc man and can use such a hog you will not delay writing Messrs. Norrish & Bevington at once. Please mention The Homestead when doing so.

Model Boy for Sale.

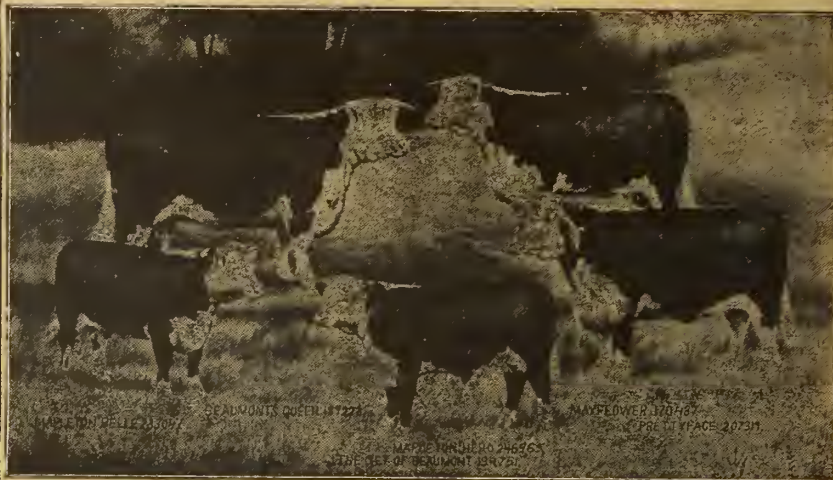
On page 44 of this issue Mr. W. F. Hemmerling, of Dike, Iowa, breeder of Chester White swine, is advertising a choice young boar for sale. He was sired by the second-prize hog at the Iowa State Fair in 1906, W. F.'s Model 12101, and out of the great brood sow, Silver Leaf 20624. In writing about this hog, Mr. Hemmerling says: "Model Boy was farrowed March 12, 1906. He has extra good length, with good, broad back, carrying width from end to end, with well-sprung ribs, good full shoulders, extra heavy in ham, neat head and ears, very heavy body, legs on the short order, but extra good and strong and stands well up on his feet. This pig received first in the under-six months class at our county fair in September, also first in pair under six months, with litter sister. This hog should head some good herd. The first \$50 order gets him."

Steward
AND
Hutcheon

HEREFORDS

AT AUCTION, WEDNESDAY, NOVEMBER 7, 1906.

At the Farm near Bolckow, Mo.



THE GET OF BEAUMONT 134751

50 HEAD 40 FEMALES, 10 BULLS 50 HEAD

Among the cows and heifers are several daughters and granddaughters of Fowler Queen, the greatest show and breeding cow ever got by Van Natta & Son's great breeding bull, Fowler. The females of the 1905 show herd are included. Ten heifers are by Beaumont. Others by such sires as Beau Brummel, Lamplighter and Paladin. Among the bulls is Parsifal, the second prize junior yearling at the American Royal. A double Beau Brummel just a year old. Seven sons of the famous Prime Lad. These are consigned by W. S. Van Natta & Son, of Fowler, Ind.

This sale is brought about to settle the estate of the late Jno. Steward and the only things reserved are a few old cows and the herd bull, Beaumont. These are reserved by Mr. Hutcheon as a nucleus for a herd. All trains stop at Bolckow on the Burlington, and Guilford on the Great Western.

Send for catalog, mentioning The Homestead.

STEWART & HUTCHEON,

BOLCKOW, MO.

SECOND ANNUAL COMBINATION SALE

OF PURE BRED

Short-horns

AT CHARITON, IOWA,

NOVEMBER 8 AND 9, 1906

BY LUCAS COUNTY SHORT-HORN BREEDERS ASS'T'N

70
Cows

30
Bulls

They include Imp. Avalanche and several richly bred pure Scotch and Scotch Topped bulls and a choice lot of younger ones. The cows are a well bred, useful lot, raised under natural conditions and are all regular breeders. Send for catalog.

C. W. HUNTLEY, Sec.

Cols. Geo. P. Bellows, I. A. McMains, Auctioneers.

DISPERSION SALE OF THE CLOVERLAND HERD

OF

Aberdeen

ANGUS CATTLE

WEDNESDAY, NOVEMBER 14, 1906.

On November 14th, in order to dissolve the partnership existing between Baker & Smith, the entire herd of Cloverland doddies will be sold at auction. The most remarkable offering of Aberdeen Angus Cattle ever placed before American breeders. Forty-eight head of first-class, highly-bred doddies of the market-topping sort. Thirty-five head of the world's most famous family, the BLACKBIRDS. No such an aggregation of the famous Blackbird family has ever yet been offered on either side the water. The two Blackbird herd bulls, Black Keillor 3d 41587 and Blackbird Man 72244.

Nine bulls are included in the sale, the remainder all being females. Show yard material as well as great foundation stock will here be found in abundance. Auctioneers, Cols. Silas Igo and Geo. P. Bellows, with assistants. Mt. Vernon, the place at which the sale will be held, is thirteen miles east of Cedar Rapids on the main line of the C. & N. W. Ry. Attention is called to the choice offering of Angus cattle by Wm. Cash and others at Holbrook, Iowa, on November 13th. Parties can attend both sales.

For Catalogs, address

MATT BAKER,

MT. VERNON, IA.

PLEASE MENTION HOMESTEAD WHEN WRITING

Combination
Sale

ABERDEEN ANGUS CATTLE

THURSDAY, NOV. 8th, 1906.

AT

**SOTHAM
PAVILION, Kankakee, Ill.**



HE equal of this consignment has not been offered the public for years. More high class cattle than ever was offered in one sale before. More show cattle than ever was offered before, Blackbird Prides, Ericas, Heather Blooms and other fashionable families. No breeder need stay away because the cattle are not good enough. We are selling cattle that cannot be duplicated. The man who would like to start a herd can do it now and do it proper. Come see for yourself, and if you don't find them good I pay the expense. Send for a catalog and see the finest bunch of pedigrees you ever looked at. We are selling a great bunch of bulls. Biondel is, without doubt, the greatest bull ever sold at public auction, except Prince Ito.

M. A. JUDY, Sale Manager.

Cols. Igo and Wood,
Auctioneers

BEECHER, ILL.

GRAND SALE OF

65
HEAD

Aberdeen Angus Cattle.

65
HEAD

THE DONOHUE & CASH SALE

OF

65 Aberdeen Angus Cattle

Will be held at the sale pavilion in

HOLBROOK, IA., NOV. 13, 1906.



WE will sell twenty Blackbirds, a number of Prides, Queen Mothers and Ericas. Twelve bulls will be listed including the champion show bull of 1906, Glenfoil Thickset 2d, first at Des Moines; first and junior champion, Kansas City. Fifty-three head of females, mostly bred to Black Woodlawn, or Woodlawn Blackbird Lad. Two of the best Angus bulls in America. Woodlawn Blackbird Lad is included in the sale. The consignors to this sale are P. J., Mike and M. H. Donohoe, William, John and Mike Cash, and Patrick Lahey. Cols. Woods and Igo, Auctioneers. Free conveyance from Parnell, Williamsburg and other surrounding railroad points. Mention this paper when writing. Address for catalogs,

P. J. DONOHUE,
Holbrook, Ia.

WM. CASH,
Williamsburg, Ia.

Noted

OHIO DUROC

Sales

WED., NOVEMBER 7, 1906.

55 **SELECTED** Duroc-Jersey Hogs 55

Will be sold on Farm, 1½ miles west of Columbus, Ohio.

This offering comprises the finest breeding and highest individual excellence, money and breeding can produce. Among the special features are pigs from Wilda 36584, by prize-winner Corrector 9739 (A.), 15653 (N.). She is the great show and prize-winning sow bought of J. D. Neldinger, October, 1905. Speaks Pearl 37848, the fine sow which topped the sale at Yellow Springs, Ohio, February, 1906. Bred to Whitehall King 15977 (A.), 42939 (N.). Useful Lady F. 33942, a great sow sired by Top Notcher 8803. Dam Useful Queen 24270. Bred to Proud Fancy 11331. Also pigs from other fine bred sows, sired by boars of best individuality and breeding as follows: Sensation Top Notcher 15629 (A.), 42937 (N.), Such Goods 15093, Challenger 12895, Ben Franklin 15095. *Specials: As a special attraction will be fifteen young sows, farrowed October, November and December, 1905, bred and guaranteed to be safe in pig to KING PALL 17221, first in class and champion at Carthage, Ohio; first in class at Ohio State Fair, no champion ribbon offered; first in class champion and grand champion at Syracuse, N. Y.; first in class and champion at Lexington, Ky. All in 1906. Auctioneer: Cols. H. L. Iglehart and Vinnedge. Farm lies one and one-half miles west of Columbus, Ohio, on West Broad Street. Columbus, London & Springfield Interurban cars pass farm every hour.*

Thomas Johnson

Spahr Bldg., COLUMBUS, OHIO.

Send bids to Mr. D. M. Pierce, care of Thomas Johnson, Spahr Bldg., Columbus, O.

NOVEMBER 9, 1906.

60 **HEAD OF DUROCS** 60

The Whitehall Farm Combination Sale Co. will offer to the breeders at Public Sale, draft of 60 HEAD OF DUROCS.

From the herds of S. E. Morton & Stewart Bros., Camden, Ohio; Geo. D. Black, C. E. Speaks, Whitehall Farm, G. H. Fogg, Yellow Springs, Ohio.

Consisting of 45 Head of Yearling and Fall Sows and Spring Gilts and 18 Head of Fall and Spring Boars of the most fashionable breeding. They are individually as good as their breeding. Sale to be held at Whitehall Farm, which is easily accessible by steam and traction roads. Write for catalogue and come to the sale. Vinnedge, Iglehart and Isenhower, Auctioneers. Address,

WHITEHALL FARM

YELLOW SPRINGS, OHIO.

Send bids to Mr. D. M. Pierce, care of Whitehall Farm, Yellow Springs, O.

...HERD HEADING DUROC JERSEYS...

STAPLES & SONS' GREAT OFFERING

GLIDDEN, IOWA, NOVEMBER 8, 1906.

50 **HEAD OF HIS TOPS---35 BOARS**
15 CHOICE GILTS.

A few of the attractions: Two great boars by Orion out of the \$605 sweepstakes sow Nancy VIII. Three by the prize-winning boar, Critic's Echo out of a Nancy sow. Others by JUNIOR JIM, PROUD ADVANCE AGAIN, I AM A WONDER and O PIG BY ORION. Write for catalog at once. Address,

W. A. STAPLES & SONS, - - GLIDDEN, IOWA.
Col. F. F. Luther, Auctioneer.

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Cull or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evert, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Lind county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schroterberger.

Red Polled Cattle

ETHICAL sex for sale. Have show stock. Duroc Jersey sires. Equal to the best. Kestel & Schroterberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. I wish \$253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Ry.

Red Polled Bulls For Sale
Wm. K. Ferguson, Algonia, Iowa

When writing please mention this paper.

RED POLLED CATTLE.

50 Head of Red Polled Cattle 50
FOR SALE.

I WILL sell my entire herd of 50 registered Red Polled cattle, or any part thereof. These cattle have a large per cent of imported blood and include some imp. cows. Twenty head are now giving milk while the remainder is as follows: 4 three-year-olds, 6 two-year-olds, 13 yearlings and 10 calves. It is practically a female offering aside from the herd bull Forester 13265. Address for particulars, W. D. McTAVISH, Coggon, Linn Co., Ia.

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GEO. P. BELLAWS

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REGISTERED HEREFORDS!
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Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

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WILLOW GROVE
HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxely 4th The Grove 3d, Hestled and other great bulls predominate in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



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I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

JERSEY CATTLE.

JERSEY
CATTLE.

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HUNTER & SMITH,

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HIGH CLASS ANGUS
BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABBELOUR, 41201, BELL'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

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Address all communications to

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FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

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...HERD...

OF Aberdeen Angus, 175 head in herd—Herd bulls, Maple Hurst Proterus 47351, Hale Lad 2d and Gardner's Pearl Rosegny 52637. Females represent Queen Mothers, Prides, Heather Belis, Ericas, Easter Tulloch, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

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FOR SALE.
ONE HERD OF 55 HEAD OF
Hereford Thoroughbred Cattle.

Not Registered.
12 MALES and the balance females of different ages. Now I have bought thoroughbred registered bulls and cows and have raised the above herd. On account of my age and sickness I would like to dispose of the above herd for cash. All in good flesh and are said to be a very choice herd by parties looking at them.

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4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Wray & Son, New Sharon, Ia.

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At the GREAT KANSAS CITY ROYAL SHOW our horses won

Champion Hackney Stallion, first and third aged Hackney Stallion, first and third three-year-old Hackney Stallion, Champion Hackney mare, first and third aged Shire Stallion, second, third and fourth three-year-old Shire Stallion, second, third and fourth two-year-old Shire Stallion, Gold Medal Shire mare, Champion Shire mare.

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Good American Bred Stallions, \$800 to \$1000.

First Class imported Stallions, \$1200 to \$1600. Choicest Stallions a Little Higher.

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Percherons, Shires, Suffolks, Belgians and German Coachers.

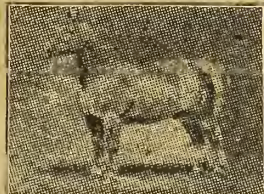
The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

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71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

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IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

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Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

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WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No old, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more top horses than any other place in America. Write,

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25 or 30
BERKSHIRE BOARS

Sired by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

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Ardmore Stock Co., Holstein, Ia

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50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and grow with plenty of quality and finish, of April and May farrow.

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Heavy Weight
Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dish face. I will do it at farmers' prices. W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charming Duke 20th, by Baron Lee 8th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

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I HAVE winter and spring boars of this breed for sale. Write your wants. I can suit you. JOHN C. MILLER, - Harlan, Iowa

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HAVING sold my farm, I will sell 100 choice English Berkshires pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you. E. H. DANCER, Lamoni, Iowa

BERKSHIRES—35 spring boars, 4 fall yearlings, 4 matured boars. Some herd headers, 40 spring gilts, 5 fall yearlings, and 6 tried brood sows. Write for what you want, and prices. Sires and dams winners at state and county fairs. Sale November 27th. Send for cat. Address, Houghton & Braman, 1411 South Center Street, Marshalltown, Iowa.

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LARGE growthy boars, big bone and best of breeding. Prices low. Address C. T. AYRES, Osceola, Clark Co., Iowa.

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I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge Minaret 8th 1855 and O. L. Fusilier 6433, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

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WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at Iowa, Minnesota, North and South Dakota state fairs in 1906. Address, Thomas H. Canfield, Lake Park, Minn.

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DOUBLE STANDARD
Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1874-189582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and State Fairs this fall, including 21 firsts and 22 best prizes.

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BREKDS Polled Durhams. Stock that will please you at prices you can afford to pay. Scotch-Topped Bulls and Females for Sale.

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WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you. JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

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Chester Whites

PIONEER HERD OF CHESTER WHITES. 100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.

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KESWICK, IOWA.

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I HAVE 120 spring pigs sired by Prince O. K., a prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. ERNEST L. MEAR, R. R. NO. 1, NEPONSET, ILLINOIS.

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O. I. C. 'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,

O. L. KERR.

INDEPENDENCE, MO.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair, St. Louis City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Gao. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

Bluff Road Herd Chester Whites

FALL boars all sold, but I still have a few spring boars for sale, also an extra good lot of gilts ready to ship. Write for description and prices. Farm two miles east of town. D. H. LEWIS, R. F. D. 6, GENESEO, ILL.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the set of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our price on the set of O. I. C. Chief, King, and Fisher Live Stock Co., P. O. BOX X, HASTINGS, NEB.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address, W. M. MERCER, AURORA, ILL.

Mack Stevens & Sons, Iowa City, Ia.

BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices. N. A. RANCK, - NOTA ILLINOIS

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

GROWTHY Chester White pigs, by Long John 14151. Heavy bone, with smoothness. Up on their toes. Write me. E. W. Richardson, Ogden, Ia

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy. V. A. LATIROP, MARION, IOWA.

EVERGREEN CHESTER WHITES. BRED right and fed right. Prices will surprise you. Try me. E. J. Trumbauer, Patterson, Ia.

KING B. HERD CHESTER WHITES. 70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

HAMPSHIRE HOGS.

HAMPSHIRE
HOGS

30 SPRING BOARS by Stone's Duke. 1st prize boar Illinois State Fair 1906. I am breeding for early maturity, prolific families, quiet dispositions, purity of color and muscular action. 30 bred gilts ready Dec. 1st. Write for prices and descriptions.

Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

STEERS.

25 STEERS

THAT must be sold soon. Four-fifths of these steers will top the market. Their average weight is near 1200; gentle. Come quick if you want a snap. U. H. PALMER & CO. Cedar Lawn Farm, Route 6, St. James, Minn.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

When writing please mention this paper.

GALLOWAY CATTLE.



Pure Bred Galloway Cattle.

FOR SALE, 8 Bulls, 60 Cows and Heifers, at prices that will make them move. Write to S. D. Miller, Wellman, Ia.

STOCK HOGS.

Stock Hogs For Sale.

150 Registered Lincoln Sheep. 100 hogs, 20 ewes and 10 Rams. Address B. F. CLARK, ALBIA, IOWA.

SHORT-HORN CATTLE.

4 Good Young Short-horn
Bulls For Sale.

Sired by Victor Maple 203379 he by Grand Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

BLUFFVIEW
SHORT-HORNS

A FINE BRAWN BUD BULL FOR SALE. A and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Wildwood Short - Horns

ALL REDS AND DEHORND

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN,

MARION, IOWA.

SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 258045 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address,

HENRY MATERN, - LOSTANT, ILL.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, - ILL.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

30 Scotch and Scotch-Topped
Cows and Heifers

FOR SALE AT A BARGAIN.

THE heifers are by Imp. Mutineer. Also eight Scotch and nine Scotch-topped bulls. Scarcity of feed on account of drought forces me to sell. Write me at once if looking for a bargain in desirable well bred cattle. The lot will be priced right.

A. C. BERRY, Unionville, Mo.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4 ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chinas. Clear the Way 231432, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

CHOICE SHORT-HORN BULLS FOR SALE.

I will sell my red bull, Nonpareil Courtier Jr., two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address, J. H. ROYER, NEWTON, IOWA.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordon & Dunn, Central City, Ia. Maine Valley Stock Farm.

When writing please mention this paper.

HARDIN BROS.'
CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 180 spring pigs to select from. Address, mentioning this paper,

F. P. & J. J. Hardin, R. 6, Lima, O.

HUMBERT & WHITE'S
"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,

F. D. HUMBERT, Nashua, Iowa. E. P. WHITE, New Hampton, Iowa.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices. JNO. CHAMER, HEATRICE, NEB.

30 CHESTER WHITE BOARS 30

A extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Luwond, Lyon County, Iowa. A. A. ROGERS, Owner.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest up-to-date herds in the north-west. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment. W. R. WEBB, Spencer, Iowa

BONE'S CHESTER WHITES

THE oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference: Montezuma Savings Bank, 1. Box 85. Samuel Bone, Montezuma, Ia.

SOME CHESTER WHITE BARGAINS. WE have a few Chester White April males that are good ones, and 32 spring gilts that can't be beat that we will sell open or bred. People looking for this kind had better write us. Have 35 of Sept. 1906, farrow that we will sell and ship as soon as weaned. E. L. NAGLE & SON, Deep River, Iowa.

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free. B. M. BOYER, Farmington, Van Buren Co., Iowa

SHADY LAWN HERD

OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEFKOW, FAIRFAX, IA.

CHOICE Chester White Boars, sired by Hobson 11939, and King Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. J. C. Webber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

ORIO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruelush, Sciota, Ill.

When writing please mention this paper.

SHORT-HORN CATTLE.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd headed by a specialty. Baron Kear 2d, heads the herd of 280 head. We have Brinwith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysle and other Cruickshank families.

GEO. BONEWELL,
GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns. 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one. 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 21553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA. or LISCOMB, IOWA.

WALNUT HILL HERD
REGISTERED SHORT-HORN CATTLE

At the head of our herd stands the noted Imp. Lov. at Champion (187617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

Bargains in
Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIAL'S PRESIDENT 208986. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd leaders of the best of Scotch families by the imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
Davenport, Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred
Scotch Bull for sale.

Also Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,
E. R. SILLIMAN,
COLO., IOWA

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 2 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Wimple Royal 24140, heads the herd. Would exchange him for a suitable bull to head herd. Address,
M. D. YARD, CRAWFORDSVILLE, IA.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.
Jno. E. Stephenson, Alburnett, Iowa
Otter Creek Stock Farm.

JONES CO. HERD OF Herd {Stuyton Sort 173649
SHORT-HORN CATTLE Bulls {Wardun of Way-
side 243046
WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.
J. D. McDERTOTT, ANITA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.
C. F. Robe, Jesup, Iowa.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 16 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, Fairfax, Ia.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missile with two crosses of William of Orange. Price right. Also one other 1 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

When writing please mention this paper.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Roy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE THE STANDARD." LYNDAL SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1908 sale and Champion of Lyndale head Short-horn herd. Females are Victorina, Secreta, Butterflies, Lavender, also a few Young Marys and Rose of Sharon. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

A. F. GRAVES.

Visitors always welcome.

KING CITY, MO.

LANAGHAN BROS.,
CHARLOTTE, IOWA

BREEDERS of Short-horn cattle. Seventy-five head in the herd, Scotch and Scotch-topped. Special offering for the fall trade fifteen bulls from twelve to eighteen months old sired by such bulls as Imp. Royal Archer 144755 and Sentinel 127262. Cattle are right; prices are right. Address as above mentioning The Homestead.

WILLIAM REED
PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

CRUICKSHANK
BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for herd headers, come and see me. Address,

C. C. NORTON, CORNING, IOWA

Scotch and Scotch-topped Short-horn Bulls

TWO sired by the International champion, Nonpareil King. Others by noted Scotch bulls. These must be seen to be appreciated. Write us at once if you want a herd header. Address,

C. W. DAVIS & SON, HARRIS, IOWA

POLAND CHINA HOGS.

14 BIG STRONG, GROWTHY
March Poland China Boars
FOR SALE.

TWELVE of them by Gay Perfection 2d 97251. One by Radium (a sow of Perfection E. L.) and one by Impudence 97557. These boars are of the most aristocratic blood known to the breed. Will sell them at \$25 each while they last, except the Impudence boar which I hold at \$35. Impudence was the sweepstakes boar at Des Moines last year. The greatest hog show on earth. The dam of the fellow cost me \$157.50. For further particulars address the owner Joe Steward, Ames, Iowa. Also two yearling scotch bulls, one by Revenue, the other by Golden Diamond.

...ONLY A FEW LEFT....
But They're Good Ones.

OUR boars have been selling like hot cakes; only have 20 boars and 10 spring pigs left. Some of these by the double sweepstakes boar Matchless Jr. 75 fall and spring gilts will be bred and ready to ship Nov. 1st. These by matchless Per., Matchless Jr., B's Chief Tecumseh 2d and Correct I know.

HENRY BROS., - LE MARS, IOWA.



WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief II 37628, and Winsome Dude II 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, MANNING, IOWA

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of much size and finish. Write me for price on our herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence #7557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE, IOWA.

DAWSON'S BIG OF THE BIG POLANDS.

OUR hogs won most of the ribbons at Hutchinson, Kan., St. Joe, Mo., and their share at Nebraska. The Poland with size and quality combined. We have sons of the great Expansion. His get have won or sired as many winners as any hog living today. We also own the champion yearling, sired by King Look. If you want good hogs, address us, and mention The Homestead.

H. C. DAWSON & SONS, ENDICOTT, NEBRASKA

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unrelated. Write for breeding, description and prices.

BRIDGEMAN & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.

PAPILLION HERD POLAND CHINAS. WE offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 28439. Write for price and catalog.
Wm. Uhe & Sons, R. 1, South Omaha, Neb.

POLAND CHINA BOARS (BLACK). 8 FALL boars, 2 yearling boars, 50 spring boars, sired by Klever's Gay Lad.
J. W. Knowles & Son, Craig, Neb.

When writing please mention this paper.

POLAND CHINA HOGS.

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by On Exhibition a grand son of G's Perfection and Terrell's Wilkes 2d and out of matured sows. These pigs have good heavy bone, good length and are very growing fellows with lots of quality and will be priced worth the money. Write at once. Address

C. W. PHILLIPS, NEW SHARON, IA.
Bred Sow Sale, Feb. 20th.

WALNUT Grove Herd Polands. I have 75 spring pigs to select from. Large, growthy, royally bred, good bone, neat head and ears. Sired by such boars as King Do Do by Expansion and Longfellow by Johnson's Chief (show hog). My sows are the prolific sort. Will price to sell. Write today. H. S. Chapman, Pawnee City, Nebraska.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Medler. These are Al boars.
J. C. Hoag, Manson Ia.

HAMAKER's large, roomy Poland pigs sired by Brilliant Chief and J's Chief, by Johnson's Chief. Can sell pigs not taken. If you want size and finish with the blood lines, have it. The farmer's cry is for size. Sows represent the blood of part of the best families. Pigs not ready for shipment. Write today. G. S. Hamaker, Pawnee City, Nebraska.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfect E. L. dams. Also have pigs by Perfect E. L. and G's Perfection.
H. B. MOATS, VILISCA, IOWA.

LONG, heavy-boned fall boars by Tec. Keep On O by Big Tec. by Blain's Tec. and Indiana King. They weigh from 280 to 380 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dorris's Tec. and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. Henry Dorris, Remsen, Plymouth county, Iowa.

CORRECT I KNOW JR. 111629. FALL males of 100 and over, breeding weight 300 to 450 lbs. Spring boars by Hustle On 105337, he by On and On. Serviceable S.H. bulls, S.L. Wyndotte and R. C.B.L. Leghorn cks. Inter-State 'phone F. Ebendorf, Strawberry Point, Ia.

POLAND CHINAS FOR SALE.

THE great show and breeding boar, Onward 102447. Also a few extra good, large boars of fall and spring farrow. They will be priced right. Call on or write
OSBORNE BROS., OSBORNE, IOWA.

Sandquist Bros.,
OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

MY herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec., is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Do Do, and Blain's Tec. Everything guaranteed a breeder.
Robt. J. Peckham, Pawnee City, Neb.

GROWTHY POLAND CHINA BOARS

OUT of mature parents; best breeding; good bone \$20 and \$25. Two year herd boar \$40. Spring boars and Polled Durham. Cows, heifers and bulls at low prices. Special price on our lot, 2 miles N. E. of city P. S. & S. Barr, Bx 11, R. R. 4, Davenport, Ia.

POLAND CHINA BOARS FOR SALE.

I HAVE several large, early, heavy boned boars of very best blood lines which I will sell very cheap to quick buyers. I will stand return express and refund price paid if pig is not as described.
C. H. DRAKE, Stockport, Iowa

LARGE POLAND CHINA BOARS.

THE get of All Dude 106413, the 800-lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's ring), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars for sale by him. Win. Pedrick & Son, Ottumwa, Ia.

...PRAIRIE VIEW HERD POLAND CHINAS...

25 BOARS and gilts for the trade. Sired by S. B's 25 Choice (108489). Gilts bred or open as desired. A few yearling sows and herd boar. Satisfaction guaranteed. Long distance 'phone.

J. D. Vorhees, R. R. 5, Charles City, Iowa

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneedn Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall.
Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection 105015 and Keep On Third 105267. Big boned, growthy fellows. Address,
Jno. Schneider, Remsen, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,
GEO. E. PATCH, Blandinville, Illinois.

POLAND China Boar Pigs, March and April farrow sired by Black Perfection, dam by Sallor Sunshine. Heavy boned growthy fellows. Price \$15 to \$20. Write your wants. Henry Schlatte & Sons, Lawler, Iowa.

15 GOOD Poland China spring boars for sale at once. Prices \$15 to \$20. Correspondence solicited. Wm. Barr, Kirkman, Iowa.

POLAND CHINA HOGS.

THE FEEDER'S FAVORITE

Crow's Big Poland Chinas

...45 HEAD...

WILL SELL 45 BOARS

Wednesday, Nov. 7, 1906

At Maclay, Clay County, Iowa.

TWO Jan. farrow, 24 March, 12 April, 7 May, mostly sired by Crow's Model 30729. A hog of 1,000 pound caliber, with 10-inch bone, and Up-To-Date 38007, the best finished big hog we ever saw, 10-inch bone. If you want bone and stretch with finish you will find it here. It is the kind we always have kept. Sale held in town. Send for catalog explaining all. Address,

W. J. CROW, Webb, Iowa
W. R. Ritchie, Auct., Murfreesboro, Ia.

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by 1t's Keep On 92219, half brother to Prince Albert and Impudence, sweepstakes boars Iowa State Fair '04 and '05, and Iowa Chief by Ida Klever's Thicket. The best Thicket boar in the west. These pigs are from mature dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn Bulls, 12 to 14 months old, cheap. Bred Sow Sale, Feb. 12, '07.

RUEHEL BROS., ROCKWELL CITY, IA.

CHOICE

POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

POLAND CHINA BOARS

A T Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. Davenport, Belmont, Iowa



Pioneer Herd Poland China Swine.

W. Z. Swallow, Booneville, Mo., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Albert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Eberbeck, Zeatrice, Neb.

Hamilton's Royally Bred Polands. MY last sale averaged over \$50. My type is the hogmen's type, size, finish and quality with fancy blood lines. Herd embraces the blood of Chief Per. 2d, Impudence, Grand Chief, Moss Chief, Pawnee Chief, etc. Will price worth the money.

L. W. Hamilton, Kearney, Neb.

CLOVER LAWN POLANDS.

If you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.

JOHN R. TRIGGS, Dawson, Neb.

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low.

E. O. WOLCOTT, Gilmore City, Ia.

Males and Gilts for Sale.

FALL males weigh 250 to 300, early spring pigs weigh 130 to 150, they are in good breeding condition and healthy. They are bred right and priced right. Farm sold. Write us. Will please our trade.

C. C. Drake & Son, Terra Haute, Ill.

100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Wisner Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. PRITCHARD, Wisner, Neb.

DUROC JERSEY HOGS.

I. J. LORTON, Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented.

I. J. Lorton, R. R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address

ALBERT BRILL, LAKE CITY, IOWA.

DUROC JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra line fall yearling by Gilbert's King. We're offering these pigs at reasonable prices.

M. A. McWilliams, Wall Lake, Iowa.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHEL & SON, MACON, ILL.

DUROC JERSEY HOGS.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 11. Boars are sired by Double Track 42317, Sensation 7393, Big King 11057, Fashion Boy 33029, Advance Col. 42011, Roland 37255 and Red Express 39519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, CEDARVILLE and XENIA, OHIO

Special Prices on Duroc Jersey Boars for Next 30 Days

18 Choice spring boars, sired by Lentz Red 16903, Addy's Top Notcher, and Gold Bud 43791 for sale. I am making special prices for next 30 days in order to close out my herd. Having sold my farm. These pigs must be sold. Write me at once. Address, J. F. LENTZ, EARLEHAM, IOWA.

STONER'S DUROC JERSEYS

200 SPRING pigs sired by Stoner's Improver, Advance Col (one of the best sons of Proud Advance), Ohio Ben, he by Chief Surprise and other noted boars of the breed. Write your wants. Description guaranteed.

T. W. STONER & SON, HENRY, ILLINOIS

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topmy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. My April boars will weigh 170 lbs. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

HARMON GRUVER, Brewster, Minn.

The "Nancy Herd" Durocs } Boar sale November 8. } Pigs by Orion, Junior Jim, Critic's Echo, }
Sow sale February 25. } Inspection invited. 125 pigs. Write us.
W. A. STAPLES & SONS, - - - - - GLIDDEN, IOWA.

WANETA DUROCS. 35 Choice Boars now for sale, both fall yearlings and spring boars. The "tops" at moderate prices. SANBORN, IOWA.

Iowa Banner Herd Durocs. Headed by W. L. A.'s Choice Goods, has for dam the \$1,060 S. W.'s Model 9th; the \$2,000 Ohio Chief for grand sire; Bishop's Choice for grand dam and the great Nebraska Belle for great-granddam. Write your wants. W. L. Addy & Son, Parnell, Mo.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address,

W. A. RANKIN, CARSON, IA.

Greene County Herd Durocs. OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.

F. A. STRONG, ORIENT, IA.

DUROC JERSEY

SPRING boars and gilts for sale sired by Red Prince 8915, B. S. Hero 21827, Orion Lad 23573. All stock guaranteed as represented.

W. L. Bannett, Birmingham, Iowa.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by him and Elm Lawn Top Notcher are offered at prices that should move them.

Chas. Sobotta, Chilesville, Mo.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Itenben and others.

CHAS. VAN PATTEN, SUTTON, NEB.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,

SMITH BROWN, Waterloo, Neb.

Clover Leaf Herd of Duroc Jerseys. HERD headed by Pine 37993, winner of 2d in class at Minnesota state fair, 1905; he by Granger 28587. Also have pigs sired by a son of Improver 2d and by King Prince. 75 head for sale. Prices right and quality second to none. Clyde H. Smith, Riceville, Mitchell county, Iowa.

200 CHOICE DUROC JERSEY PIGS.

Sired by Wonder C. 32393 (half brother to Crimson Wonder), Lott's Top Notcher, Wendt M. and Wendt's Choice. A grand lot of boars and sows for sale. Prices always right.

W. J. WENDT, MARCUS, IOWA.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Rood Bros., (Swine Specialists), Lake Park, Ia.

35 DUROC JERSEY BOARS, sired by Bar None 30241, Bar None 2d, Grant Hero, and Critic's Echo, out of Gold Dust Jim, Surprise and Glendale Chief sows. I only ship the best. Carl Hansen, Herman, Neb.

CHOICE DUROC JERSEY Spring pigs of March and April farrow, either sex. Good weight, bone and color.

Frank Warwey, Mt. Pleasant, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address

W. J. S. Taylor, Hameston, Iowa.

SETTING SUN herd of Duroc Jerseys, 20 head of Feb. and March boars at prices that will sell them. Address, I. C. Welsh, Bedford, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEYO & SON, Mason City, Iowa.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fattened, prolific, pedigreed, 5 strains. J. C. Jay, Mt. Pleasant, Iowa.

DUROC JERSEY HOGS.

Walker's Durocs.

12 HEAD of March Boars. Now ready for sale. Tops of 78 spring boar pigs. They are sired by Our Chief by Ohio Chief; Highland Chief by High Chief by Ohio Chief; Pilot Wonder 42707, a grand son of Pilot Wonder 4017; Illinois Chief by Sensation Chief by Sensation. No better blood lines in any herd. Pigs equally as good as breeding. Write for prices.

O. WALKER & SON, PALESTINE, ILL.

Reduction Prices On Best Breeding.

350 Durocs, 150 Shropshires, 100 Short-horns and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind

A Few Choice Duroc Males For Sale. ALL gilts are reserved for my February sale, but I have a few choice males that I will price reasonable. One by Keep On 2d; another by Manley Orion. Also one extra good fall yearling boar. Every hog guaranteed to be as represented.

W. J. HARTUNG, MAXWELL, IOWA.

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address

Arch Brown & Sons, Waterloo, Nebraska.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, BLAIR, NEB.

THREE GOOD DUROC JERSEY BOARS FOR SALE.

WE will sell our splendid show and breeding boar, Pericles H., also one good yearling and one good fall boar. These are bargains if taken soon. Address,

Norris & Bevington, Kingsley, Ia.

NOTHING FOR SALE UNTIL OCT. 26,

WHEN I will sell 40 head sired by Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am and other noted sires. Send for catalog.

H. B. GRIFFITHS, BOWEN, ILLINOIS.

State Road Herd Duroc Jerseys

NEW choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, Duke of Ohio 29529, George 11nr 40851 and Alfonso 40849. Write for prices. Address,

M. M. ELMENDORF, LAONA, IOWA.

ALFALFA MEADOW HERD OF DUROCS.

I HAVE some nice full gilts by Van's Perfection, 11571; some tried sows bred to Royal Prince 41911; that raised good litters last spring, and a few fall boars by Van's Perfection and Jumbo Chief 19399, for sale.

F. ALDRITT, FRIEND, NEBRASKA.

40 Duroc Jersey Boars 40

Sired by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address,

J. W. Reynolds & Son, Defiance, Iowa.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.

Edmonds, Shade & Co., Kingsley, Ia.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles H. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver 11, etc. Have a few fall pigs that I will price right. Write me.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings Billy K. Jr., and Frank's Choice by Belle's Echo Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

LAMONT herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Tenle, R. 4, Lamoni, Iowa.

GRAND VIEW DUROC JERSEYS.

BOARS by Crimson Wonder Jr. 41103 and Chief I Am Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.

F. M. HUFF, R. 2, AFTON, IOWA.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

Boars! Boars! Boars! Duroc Jerseys, \$25. Address, Roycroft Stock Farms, Des Moines, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of 80w Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

November 1, 1906.]

DUROC JERSEY HOGS.

Thos. Bennett,
Rossville, Ill.

Home again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full hours for sale, tired glits all sold. Write for prices, mentioning Homestead.

Spring Sale Feb. 6, 1907.

HOME OF

THE Lad For Me 10733A and his daughter, Helen Hines 84502, the dam of the \$1,000 gilt and the \$1,910 litter, and Lib C. 67204, dam of the first prize litter at Illinois State Fair, 1905. Choice pigs of fancy breeding. Prices in keeping with quality. A great variety of the very best breeding. We guarantee satisfaction. Visitors welcome. Farm three-fourths mile from depot, Fagan, Browning, Hens & McCabe, Hersman, Ill. Sale Average \$116.48.

DUROC BOARS.

Do you want a big, heavy-boned, wide-backed pig with plenty of length and quality, sired by a son of Proud Advance, a son of Orion and by Adjuster 25251. Will give accurate description, exact measurements and weight. My pigs are very large for age and have been grown for service, not fattened on corn.

ROY E. WEST,
Route 1, Box 6, Churdan, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II., 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young glits as well. Write today. F. A. Kruse, Waco, Neb.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crim-won Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

ATHLETIC 28669 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," it J. Harding. "He should have borne fine ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address, J. E. WEHR, PORTSMOUTH, IOWA

WALNUT GROVE DUROCS.

I HAVE about 75 pigs for the full trade. They are of the large, roomy type, representing the blood of Improver II, Higgin's Model, Jumbo Perfection, Bell's Model, Bell's Top, and others. HENRY G. WARREN, INLAND, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 41051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

WELCH'S POPULAR PRICED DUROC JERSEYS I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, In.

EDGEWOOD HERD DUROCS. FOR SALE, 75 good spring pigs, by Arion, Jun for Jim, Walter G. and others, out of sows by Golden Perfection, Alx Advance, carrying the blood of Proud Advance, Ben Hnr H. and others. Edgewood Chief, an Orion hog by Arion, heads herd. What do you want? Write H. C. Poston, Corydon, Iowa.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar. F. E. Garrett, Lohrville, Iowa.

Minnesota's Sweepstakes Duroc Jerseys. I WON 1st and sweepstakes on boar at Minnesota State fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimson Wonder I Am blood. Good boars for sale. Wm. Malcolm, Blagelov, Minn.

Prairieview Herd of Duroc Jerseys. SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell bred Duroc glits for one-half last winter's public sale prices. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

EVERYDALE HERDS AND FLOCKS

SHORT-HORNS, DUROCS, SHROPSHIRE, BULLS, boars and bucks for sale. Good ones and priced right. Our Mar Mile herd bull Meteor 174278 for sale or exchange. A. M. Avery & Sons, Mason City, Iowa

FAIRVIEW HERDS. RED Polled cattle, Duroc swine. Will sell my herd full expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

DUROC JERSEY HOGS.

FORTY SPRING BOARS

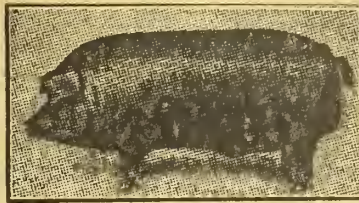
sired by ORION CHIEF and KRUGER and out of dams by KANT BE BEAT, ORION CHIEF, CHIEF SURPRISE, COL. FINCH and other noted sires.

\$50 Buys boar related to Iowa and Illinois State Fair winner bred as above \$50

If you want an extra good spring boar, write
IRA JACKSON, TIPPECANOE CITY, OHIO.
Mention Homestead when writing.

40 DUROC-JERSEY BOARS 40

SIRE BY JUNIOR JIM, 1st prize yearling boar at the Nebraska State Fair. Litter brother to the great sweepstakes sow Alx 20, that sold for \$740. 2d prize yearling boar at the Iowa-Nebraska State Fair, and sire of 1st prize litter at Iowa-Nebraska State Fair. Pigs by other well-known boars. If you want a herd-leader, write me. AUSTIN RENSIAW, BLAIR, NEB.



TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs. I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd leader write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN LAKE CITY IOWA.

125 Duroc Spring Pigs For Sale Cheap

I AM making very reasonable prices on our crop of spring pigs. The pigs are very thrifty and represent the blood of the great Gold Dust Jim, Belle's Echo and out of the great Nebraska Belle. Others sired by Red Knight, first and sweepstakes boar at Neb. '05. The pigs will be sold at prices to suit the purchaser. We have the blood lines as well as the strong individual points. Our aim has always been toward the best obtainable. We will hold our sale of brood sows in February. Remember we are advertising to sell. Write us your wants and we will do the rest.

O. E. MICKEY, - - OSCEOLA, NEB.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 4327 N 13723 A, he by J. J.'s Chief 12445 A; first at Indiana State Fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientsin 17261, Imp. Wonder 4351, A. L. Advance 4331, Odeult Chief 38271, a son of Perfection, Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 83-3, RADCLIFFE, IA.

CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd leader, come and see me. Choice glits also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address, U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

SIPES in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 10930 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 4417 by Duroc Paragon 2618, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times. STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address, GRANT WHITE, AFTON, IOWA.

CLAREMONT.

HOME of S. E.'s Model IX 30998A, 114526N. The highest priced aged Duroc Jersey Sow ever sold at Public Sale. 300 pigs to select from this year. Twenty-five head of February boars, grandsons of Proud Advance and Old Orion. Bred Sow Sale January 22. Correspondence solicited. Inspection cordially invited. Address, JOHN WRIGHTON, AUDUBON, IOWA.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices. HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367A heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address, G. T. ROGERS, PETERSBURG, ILL.

70 HEAD OF PRIZE WINNING DUROC JERSEYS

ONE of the best sons of Proud Advance at head of herd. A choice lot of boars for sale out of Orion, Crimson Wonder, Dandelion and American Royal sows. Write me for prices. I can furnish you a boar from the best known strains. Address, T. A. McMAHON, - - CRAIG, NEBRASKA

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907. HANKS & BISHOP, PROPS., NEW LONDON, IOWA.

25 TOPPY DUROC JERSEY BOARS SIRE BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once. A. W. LAMB, - - MONROE, NEB.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

ROYAL RUBY

I NOW have a line of spring boars for your inspection. They are sired by Onecola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free literary and entertainment. Telephone connections. Rural Route No. 2. GUS A. PEDERSON, OCHEYEDAN, IOWA.

MAPLE AND LAWNSDALE DUROC JERSEYS.

AS we have canceled our full sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907. Manlove Bros. & J. H. Norris, Bowen, Ill.

SHELDON BROS., A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS., Shannan City, Successors to H. C. Sheldon & Sons. Iowa.

GOLDEN DUROCS HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Amblition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Suddell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strout boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

HANLEY 42345.

HEADS herd. We have the blood of such sires as Tip Top Notcher 20729, Keep On II 37331, Gem's Top Notcher 34039, A Top Notcher 28723, Chief No. 1, a grandson of Ohio Chief 8727a, Cock Robin 12345a, Choice Goods 2281, J. I. C. 3833, Buddy K. IV 20801, Indiana 20763, Manley Orion 30925, Cantine Boy 16319, The Great Conqueror 32561, Queen's Pride 40733, Suburban Chief 21847, out of The Lad for Me 10733a, Denver 11689, J. B. J. Big I Am 29895. We have some of the choicest females of the breed; also a few choice fall glits at reasonable prices; also some bred to Hanley 42345 and safe in pig. Write for prices. McNEIL BROTHERS, BOWEN, ILL.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

2d prize boar in 18 months class Iowa Fair, 1905. 2 Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tientsin, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

40 HEAD FALL & SPRING DUROC JERSEY BOARS. The most popular strains sired by C. T. Orion, Duroc Challenger's Releemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausa, Neb.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis), Others represented, Higgin's Model, Jumbo Ferl, Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right. W. J. East & Son, Clay Center, Neb.

MAY & PORTER, REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

PEEK & PUTMAN'S DUROCS, TECUMSEH, NEBRASKA.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Fdd's Improver, Gliford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

PLATTE View Herd of Duroc Hogs. We have 20 good spring boars for sale, sired by Gold Dust Pig 106846, he by Gold Dust Jim 15169 and by the Auditor 34097, he by Orion 5293. We also have one yearling boar got by Russell's Surprise 12539 out of a Gold Dust Jim sow. We will price these boars right as we must sell them. A. B. Easter & Sons, Fremont, Neb.

CRIMSON Wonder fall boars. A few very strong fall boars sired by Crimson Wonder (now dead). Boars are from best sows and pronounced herd leaders. Prices right. W. A. Kirkpatrick, Lincoln, Neb.

CHOICELY-BRED Duroc Jersey pigs, sired by Billie B. 45813. The long, deep-bodied, growthy kind. Write me. W. W. Richardson, Ogden, Iowa.

Merchandise from Sheriffs' and Receivers' Sales

SAVE 30 TO 50 PER CENT. ON YOUR PURCHASES.

THE CHICAGO HOUSE WRECKING COMPANY is the largest concern in the world devoted to the purchase and sale of general stocks of merchandise of every kind from Sheriffs', Receiver's and other sales. Our aim is to save you money. The wonderful opportunity that is now offered you to secure staple articles in every line at extremely low prices deserves your closest attention. The way to make money is to save it. Our whole business is one of quick action. We have these goods to-day and tomorrow they may be sold. Don't delay. Bargains wait for no man. Send us your order today. Absolute satisfaction guaranteed.

Felt Roofing 60c per Sq.
Sply "Eagle" Brand, 108 sq. ft. 60c
8-ply 80c

NEW FELT ROOFING
Vulcanite Roofing with nails caps and cement, easy to put on; requires no coating; 108 square feet \$1.75

Galvanized Rubber Roofing, guaranteed for 20 to 30 years. No coating required. Price per 107 sq. ft. including nails, caps and cement for laps: 1 ply \$1.50, 2-ply 1.90, 3-ply 2.15. Samples furnished FREE.

PAINTS 30 CENTS Per Gal.
Write for Color Card, Free
Warm Paint in barrel lots per gal. 30c

Cold Water Paints
per pound 50c
"Perfection" Mixed Paints per gal. 75c
"Promisor" Brand, 3-year guaranteed, per gal. 95c.
Varnishes, Veneer and Red, Oils, stains and everything in the paint and oil line.
Orders Filled Promptly.

GASOLINE ENGINES \$55
This price for our high grade National Engine B & S, manufactured. Simple. Other gasoline engines from \$25 to \$250

Small Steam Outfits
engines and boilers combined and separate, from 2 H.P. to 10 H.P.

Locomotive Outfits
on skids, up to 35 H.P.

Saw Mill Outfits, etc.
Machinery of every kind.

CHAIRS 50 CENTS
This is our price for strong, substantial, bow-back, hollow-seat chairs. 1000 box-seat like cut. Per set \$9.00

700 handsome library and dining chairs, each seat and cane seat. Prices from \$5.00 to \$2.50

Hardwood folding chairs. Per dozen \$8.00

A complete stock of everything in the line of chairs.

Handsome Tufted Couch \$4.50
Has carved legs, hardwood frame, open spring work construction, also furnished in plain tops.

Other couches \$4.50, \$7, \$9.50.

Beautiful genuine leather couches, renovated and overhauled. Good as new for further service. Worth \$20.00 to \$30.00. Our Price \$8.25 to \$16.00.

100 Pounds Horse Shoes \$3.25
The best shoe on the market. 100 pounds in a keg, all sizes, weights and kinds. per lb.

Horse Shoe Nails, all sizes 50c
Wrought Iron Anvils, all wt. 50c to 70c
Blacksmith Handled Hammers best steel, each 50c
Blacksmith Sledges, unhandled, lb. 50c
Hot and Cold Chisels, lb. 50c
Bolt Cutter, best made 50c
Everything in the line of blacksmith supplies. We can save you 80 to 90 per cent.

Portable Forge \$4.75
Has 18 in. round hearth; good for general work; lever motion; extra heavy pipe legs; stands 30 in. high; 8 in. fan. Larger forges, like illustration from \$5.35 to \$14.60. We guarantee our forges, equal or superior to anything on the market. Write for our full list.

JACK SCREWS, 80 CTS.
Brand new, cast iron stands with tight iron screws, deep cut thread, the best made.

12 ton, 80 cents
16 ton, 81.33 24 ton, 82.00
20 ton, 1.45 28 ton, 2.50
House raising Jacks, 1.40
Iron chains and house moving apparatus of all kinds.

Good Quality Linoleum, 32c sq. yd.
We have 5 car loads. Handsome designs, practically indestructible, finest made. 2 yds. wide, comes in 50 different designs. Price, per square yard, 75c and up. Also 200 rolls of handsome printed Linoleum in an elaborate assortment of designs, 20 patterns, sq. yard 17c up. Free Sample.

Field Fencing 20c per rod
The best galvanized graduated Diamond Mesh fencing manufactured. Will turn anything from pigs to cattle. All heights from 24 in. to 72 in. Our price on the 24 in. height, per rod 20 cents.

Also square mesh galvanized fencing. Galvanized Poultry Netting, per 100 sq. ft., 40 cents.

Indestructible Steel Fence Posts. The simplest made; suitable for fencing of any kind, each, 35 cents.

Stump Pullers. Most powerful built: will do as much work in one day as 15 men can do by hand. Price from \$14.25 up.

Tubular Lanterns 45c
Steel shovels, strongly made, 30c
Steel single bit axes, 45c; Double bit axes, 40c; Large size steel hammers, 25c; Manure forks, 45c; Hay forks, 30c; Axe handles, 5c; Hack saws with frame, 15c; Hand saws, 25c; Compass saws, 12c; Files, 6c; Hatchets, 30c.

Four Post Angle Steel Tank Towers \$15.00
150 of the strongest towers built. Galvanized after completion. Braced in a most thorough manner. Easy to put together and erect. Not the cheap kind. Guaranteed to give a life of satisfaction. Each complete with platform, anchor posts and anchor plate, worth \$21.00. Our price, \$15.00.

All kinds of steel storage tanks from 30-gallon to 10,000 gallon. Send for complete list.

HEAVY CLOVER FIDRE RUGS, 85 CENTS
Size 36x72, worth \$2.75, beautiful design, fringed both ends, reversible.

100 27x50 at 70c
Japanese Rugs 75c
Smyrna Rugs, 65c
2,000 rugs that have been limited amount of service \$1.25 up. Tapestry Brussels Carpets, 50c per yard. Velvet Carpets, 72c per yard. Heavy Ingrains, 22c per yard. Reversible Bath Rugs, 95c each. Write for free samples.

PIPE, ALL KINDS AND SIZES
Special Prices. See List.

1 1/2 in. with couplings, per foot, 3.20
2 in. 4.20
3 in. casing with couplings, per ft. 1.00
1,000,000 feet of piping for water, gas, oil, etc. Re-threaded and in excellent condition. Boiler tubes at low figures from the World's Fair.

AIR TIGHT HEATERS, EACH 65c
Larger sizes at \$1.00 and \$2.00. 50 Hot Blast stoves, like illustration; will burn hard or soft coal or wood. Were used at the World's Fair, overhauled and first class. Prices from \$7 to \$10.

Cannon Heaters, 64.80
Kitchen Ranges, 5.00
Steel Ranges, 16.00
All kinds of stoves and heaters.

THE WORLD'S BARGAIN CENTER
That's what we are known as everywhere and there is reason for it. Our prices as a rule do not represent the original manufacturers cost. Our goods are the best. We do not sell anything but what is in first class condition. Satisfied customers all over this land will confirm this. We guarantee absolute satisfaction.

WE BOUGHT EVERY EXPOSITION
Including the Great \$50,000,000 St. Louis World's Fair, the World's Fair of Chicago, the Pan-American Exposition, Trans-Mississippi Exposition. This has added enormously to our large stock. We have for sale all kinds of building material including lumber, sash doors, windows, and in fact, everything needed in construction of a building for any purpose.

In purchasing the St. Louis Exposition, we secured over \$300,000.00 worth of furniture and household goods, as good as new for further use. It is all overhauled and renovated. Here is a chance for you to get some extremely handsome and fine furniture at half what it would cost you otherwise.

WE SAVE YOU MONEY
You are bound to save big money on your purchases of any kind, from us. There isn't an article that we handle, but what we can sell you at a lower price than you can purchase it for elsewhere. You will appreciate this more and more as you get to know us better. No Sheriff's or Receiver's sales complete without the presence of our alert representatives. We get all the good things in sight. Because we offer goods at lower prices than manufacturers cost has earned for us the good will of thousands of families everywhere.

OUR GUARANTEE
We guarantee absolutely that all purchases of every kind made from us will prove entirely satisfactory and that the material will be exactly as represented. Thus you know that you will receive what you buy and pay for. If the goods received from us are not as represented, return them to us and your money will be immediately refunded. Our method of satisfying customers. There will be no argument about the return of your money. All you need to say is, the goods are not satisfactory and that you cannot use them. You will promptly receive your money back. Send us your orders at once.

OUR REFERENCES
Our Capital Stock and Surplus is over \$1,000,000.00. We cheerfully invite investigation as to our responsibility. Look us up in Dun's or Bradstreet's or any other responsible mercantile agency. Ask any Express Company; write to the Editor of this or any other paper; ask any Banker, or refer direct to our depository—The Drovers' Deposit National Bank, Chicago.

SHREWD BUYERS ACT QUICKLY
Now is the time to buy your needed supplies. This advertisement may never be repeated. The larger portion of these bargains will be sold in quick order. Buy to-day so that tomorrow, you will not have to blame yourself for being too slow. All these bargains are offered you subject to quick sale. Action and quick action is the keynote of business success. Send us your order to-day.

Steel Roofing per 100 Sq. Feet \$1.50
Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care, will last many years. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering buildings of any kind. Also used for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not stain rainwater. Makes your building cooler in summer and warmer in winter. Brand new, painted in our price for our Flat Semi-Hardened siding, each sheet 24 in. wide and 24 in. long. Our price 1 lb. 1.60; and 24 in. long 1.60. At 25 cents per sq. furnish sheets 6

Steel Pressed Brick Siding per square, \$2.00
Also furnish standing seam or crimped Roofing to all points East of Colorado except Oklahoma, Texas and Indian Territory. Quotations on other points on application. This freight prepaid proposition only refers to the steel roofing offered in this advertisement. Satisfaction guaranteed or money refunded. We will send this roofing to any one answering this advertisement C. O. D., with privilege of examination if you will send us 25 per cent of the amount you order in cash; balance to be paid after material reaches your Station. If not found as represented, refuse the shipment and we will cheerfully refund your deposit. All kinds of roofing supplies, galvanized conductor pipe, eave trough, steel snipe, fittings, etc.

100 lb. Fence Wire \$1.25
At this price, No. 14 gauge painted Wire Shorts. Our prices proportionate prices. Heavily galvanized wire shorts, put up 100 lbs. to the coil, good for fencing and other purposes, new 14 gauge, per 100 lbs. \$1.40.

Galvanized Barbed Wire, 2 and 4 point, per 100 lbs. \$2.50
B B Phone wire, galvanized, per 100 lbs. 2.40
Annealed wire, No. 17 gauge, 1.90
Wire of all kinds and for every purpose.

Steel Enamelled Bath Tubs \$6.00
At this price, our 4 1/2 ft hard wood rim, enamel and steel tub, with nickel plated waste and overflow. Other lengths at proportionate prices. Handsome porcelain bath tub with full 8 inch roll rim, white enamel on the inside, seamless, cast iron, with all fine nickel-plated fittings at \$14.00. Other tubs ranging in price to \$25.00.

\$60.00 for Complete Water Works System
Even though you live on a farm, you can have just as much comfort as the city folks. Our modern book on water works Systems shows you how you can do it.

We offer you a complete outfit consisting of pressure tank, brass lined pump, all valves and fittings necessary for \$60.00.

Other outfits at prices ranging up to \$200.00. At \$21.50 we furnish a complete bath room outfit, consisting of tub, toilet and wash stand. Send us diagram of your home. We will make you a liberal proposition.

Galvanized Steel Tanks \$2
Brand new galvanized strong and durable, extra well riveted. Weigh less and twice as practical as wooden tanks. Best manufactured.

82 gallon tank \$2.00 78 gallon tank \$2.75
47 gallon tank 2.50 6 barrel tank 5.50

Larger sizes in proportion.
Feed Cokers \$9.20 Steel Wagon Tanks \$7.00
Galv Troughs 80 Tank Heaters 2.50

IRON BEDS \$1.40
Full size, strongly built, finely on led \$1.40
100 single iron beds, complete with woven wire spring \$2.25

Handsome brass lined beds, like picture, twice as heavy as any ordinary bed of this style. Head 65 in. high; brass tubing 3/4 in. diam. 1 1/2 in. x 1 1/2 in. finished in bronze; good enough for any one. Retail \$1.75

200 Wooden beds, nicely carved, good as new each 1.50
Full size cotton top mattresses from \$1.00 up
Felt mattresses 85c
Beds and bedding of every kind

DRESSERS \$7.50
600 unique designs in dressers from the World's Fair, overhauled and first class. Prices from \$7.00 to \$20.00, easily worth \$15.00 to \$45.00. Com-modes, dressing tables, hall racks and fine furniture for every purpose.

ROPE BARGAINS
Good Manila Rope, slightly used, all sizes, 3/4 in. to 100 ft. \$2.75
New Manila Rope slightly shop worn, per lb. 10c
Wrapping Twine lb. 6c
Galvanized Guy Wire, 100 ft. \$1.60
Wire Rope and Cable at way down prices. Derrick, Tackle Blocks, etc. Write for prices

6000 Strong Doors from St. Louis World's Fair in all sizes \$1.00
6000 Windows at half price. 10,000,000 feet of lumber, short lengths, mixed, as it comes, to close out, per M \$8.00

If you want lumber of specified sizes, send us your lumber bill for our estimate. Now is your opportunity to save money while we are still engaged in dismantling the World's Fair Exposition. Everything in the line of Building material.

MEAT CUTTERS, 75 CTS.
We purchased at Receiver's sale 2,000 of the finest Meat Cutters manufactured. Absolutely guaranteed first-class in every particular. Used in preparing salads, mince, hamburger steak, sausages, etc. 200 extra large size, capacity 3 pounds per minute, each \$1.25. Good household supplies at low prices. Oletches Wringers \$1.50. Clothes Forks, 6c. Washing Machines, \$2.00.

Fancy Sewing Rockers \$1.25
600 like illustration, golden oak finish, full polish, continuous post strongly braced arm, 80 inch high; screwed together. Built for wear. Worth \$2.50.

Our price \$1.25
75 cts. to \$1.00
Handsome genuine leather rockers at \$12.00. 50 beautiful davenport from the Pennsylvania building and other State Buildings at the Worlds Fair, overhauled and as good as new. Worth \$75.00. Our price \$15.00 and up.

KITCHEN SINKS 75c
At this price, an 18 x 36 in. steel seamless painted kitchen sink, with strainer. Cast iron white enamel kitchen sinks, \$1.25 up.

White Enamelled Lavatories at \$6.00
Complete Water Closets \$7.00
pipe, Soil lead pipe, valves, fittings and everything needed in the plumbing line.

HEATING PLANTS
A complete steam or hot water heating outfit, suitable for 7 room house, any ordinary mechanic can install \$125.00

Send for our special heating catalogue. Give us specifications of your building.

Wind Mill Lift Pump \$3.65
Double acting, anti-freezing force pumps \$3.00
Drive well force pumps 5.10
Pitcher spout pumps .95
Double acting thresher tank pumps 5.50
Double acting force pumps 8.00

We can supply anything needed in hand, wind-mill, steam and other pumps. Pump cylinders and pump repairs, well tools and equipment.

Wire Nails \$1.50 per keg
An exceptional opportunity to buy a keg of nails containing mixed sizes all kinds together, from about 3d to 80d at \$1.50 per keg. We do not guarantee the assortment.

Also nails, one size only to a keg at 25 per cent below the market. Wire Spikes, per 100 lbs \$1.90
Iron Bolts, per 100 lbs \$3.00

Farm & Platform Scales
Three ton Steel Wagon Scale with 8x14 foot platform, \$23.75
Other Wagon Scales up to 5 . 5.00
400 lb. capacity Portable Platform Scale, guaranteed Brand - new Counter Platform Scales, weighs from 1/2 oz. 240 pounds \$2.25
Brand new Family Scale weighs from one ounce 24 lb. 90c

Our New 500 Page Catalog No. 500 Free
This book is one that every shrewd buyer must send for. It is full of bargains from cover to cover, and quotes the very lowest prices on everything needed on the farm and in the home. You will save money by referring to it often. The list above shows only a few articles out of thousands described, but the prices give you an idea of what you can save by sending your orders to us. Cut out this ad. Make a cross mark on those items that most interest you, and we will send you much valuable information. Also fill in the coupon to your right. Our new catalog will be sent you absolutely free and prepaid. Or send us your name and address, where you have seen this ad. and what items interest you.

CHICAGO HOUSE WRECKING COMPANY, 35th and Iron Streets, CHICAGO, ILL.

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I am a reader of The Homestead. Send me one of your large 500 page catalogue as advertised in this paper.

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The Publishers of The Iowa Homestead are personally acquainted with the Chicago House Wrecking Co. and know that any representations that they make will be faithfully lived up to. These bargains are worthy of your closest attention and you can purchase with perfect confidence of getting exactly what you order.



VOL. LI. NO. 45.

DES MOINES, IOWA, NOVEMBER 8, 1906.

WHOLE NO. 2573

REGULATIONS AFFECTING DENATURED ALCOHOL.

The present tax on alcohol, 180 degrees proof, is \$2 per wine gallon. After January 1, 1907, this tax will be entirely removed on alcohol mixed with denaturing materials.

The commissioner of internal revenue, Mr. J. W. Yerkes, has recently published the regulations controlling the making of denatured alcohol, these to take effect January 1st, next.

According to Mr. Yerkes, there will be two classes of denatured alcohol. First, that styled "completely denatured," which will pass into general use for general consumption, and can be purchased at stores without limiting regulations as against the private consumer; and, second, "especially denatured," in which the material demanded by the needs of manufacturing interests will be regarded. As to this latter there are limitations confining it to the special manufacturing industry for which it is prepared.

This especially denatured alcohol will be kept under strict surveillance and governmental supervision.

For the completely denatured article ten parts of wood or ethyl alcohol and one-half part of benzine will be added to 100 parts of ethyl alcohol. In other words, to every 100 gallons of ethyl alcohol will be added ten gallons of wood alcohol and one-half gallon of benzine.

The denaturing process will be accomplished on the distillery premises where the alcohol is produced, in special bonded warehouses designated and used alone for denaturing purposes and for the storage of denaturing materials. These buildings and the operation itself will be under closest governmental inspection and control. Denatured alcohol will supplant very largely the consumption of wood alcohol for both domestic and manufacturing purposes, as it will be cheaper.

While the price of the completely denatured product cannot now be definitely stated, it is believed it will not be more than thirty-five cents a gallon. The price of the specially denatured alcohol will naturally vary according to the cost of the denaturing ingredients selected to meet the necessities of the manufacturing industries. These special formulas will only be used where it is made perfectly apparent to the department that the industrial interests involved cannot use completely denatured alcohol by reason of the presence of wood alcohol or benzine. In that case some other denaturing agent or agents, which will accomplish the purpose of destroying as far as possible, the notable or beverage qualities of the alcohol, and at the same time adapt the denatured article to the special ends desired, will be determined upon. It is

generally conceded that alcohol can be made and sold at a profit at from twenty to twenty-five cents per gallon. This brings it down very near to the present selling price of gasoline. At present, gasoline for power purposes may be said to be without a competitor, but this will not be the case after January 1st. Of course much remains to be done by manufacturers by way of adapting constructive methods to the use of alcohol. However, we have full confidence in American genius to cope with this problem. It is conceded that the passage of the denatured alcohol bill was brought about by the support given the bill by farmers. The keen interest on the part of farmers was due to the fact that the passage of this bill would create a new market for certain classes of farm products, notably corn and potatoes. Incidentally, however, farmers will reap another benefit from the passage of this bill, in the reduction that will eventually be brought about in the price of heating and lighting materials.

PURE-BREDS IN THE FEED LOT.

We have not yet come to the time when pure-bred cattle are so plentiful that they are put into the feed lot to be fitted for the block in any considerable numbers. Not but what a considerable percentage of animals that are now used for breeding purposes should be utilized to that end. Many an ordinary kind of a bull will make rather an extra good steer, and this doctrine is particularly true as applied to hogs. Indeed, there are those who go so far as to say that a barrow show can never be very successful in this country for the reason that even a mean individual, if properly finished, will so cover up as to practically hide his defects, and because of this men will not be

disposed to unsex their good animals.

Two years ago at the Iowa State Farmers' Institute, Mr. R. S. Johnson, in speaking on beef production, said:

At the present prices of all pure-bred cattle, we think it advisable for the farmer to purchase in a small way a few good registered cows, as anyone starting in a small way can in a few years have quite a herd of registered cattle. They eat no more, cost but little more and are surely a joy and satisfaction to any lover of good cattle. After getting a start in registered cattle, the best females should be kept for breeding purposes. The best males may be sold for breeding purposes, but by all odds the majority should go towards supplying the ever growing demands for baby beef. Where the males and females go into the feed lot, the males should be castrated at as early an age as possible and the heifers spayed, and you will find them selling at the same good price in the markets.

This is just as applicable today as when it was spoken. Reasonably good pure-bred beef cows are selling at moderate prices today, and there are few men in the corn belt who own their land who cannot afford from time to time to substitute a few pure-breds for their grades. Let the herd gradually increase until it consists entirely of pure-breds. By doing a little advertising and by selling to neighbors one can, usually dispose of the best ones for breeding purposes at prices considerably higher than the same animals would bring for meat. But the poorer half of the young males and females can usually be fed out, finished at an early age and marketed at a good profit.

There are too many men in the pure-bred business who expect to dispose of everything they raise, good, bad and indifferent, for breeding purposes at pure-bred prices. This very thing keeps the pure-bred business on a much lower plane than would be the case if more of them went to the block.

There is only one thing that will cut

off the sales of inferior pure-bred males and females, and that is when the average farmer realizes that such animals are practically worth no more than grades and refuse to pay more than simply market price at so much per pound. Of course the argument may be brought up that because an animal is pure-bred it may be more prepotent, and while we make allowance for this, at the same time the average man cannot do better than to look well to the individuality of the stuff he buys. He will get enough poor ones even from the very best, and because of this one's foundation stock should be about right in two respects, namely, in blood lines and in individuality.

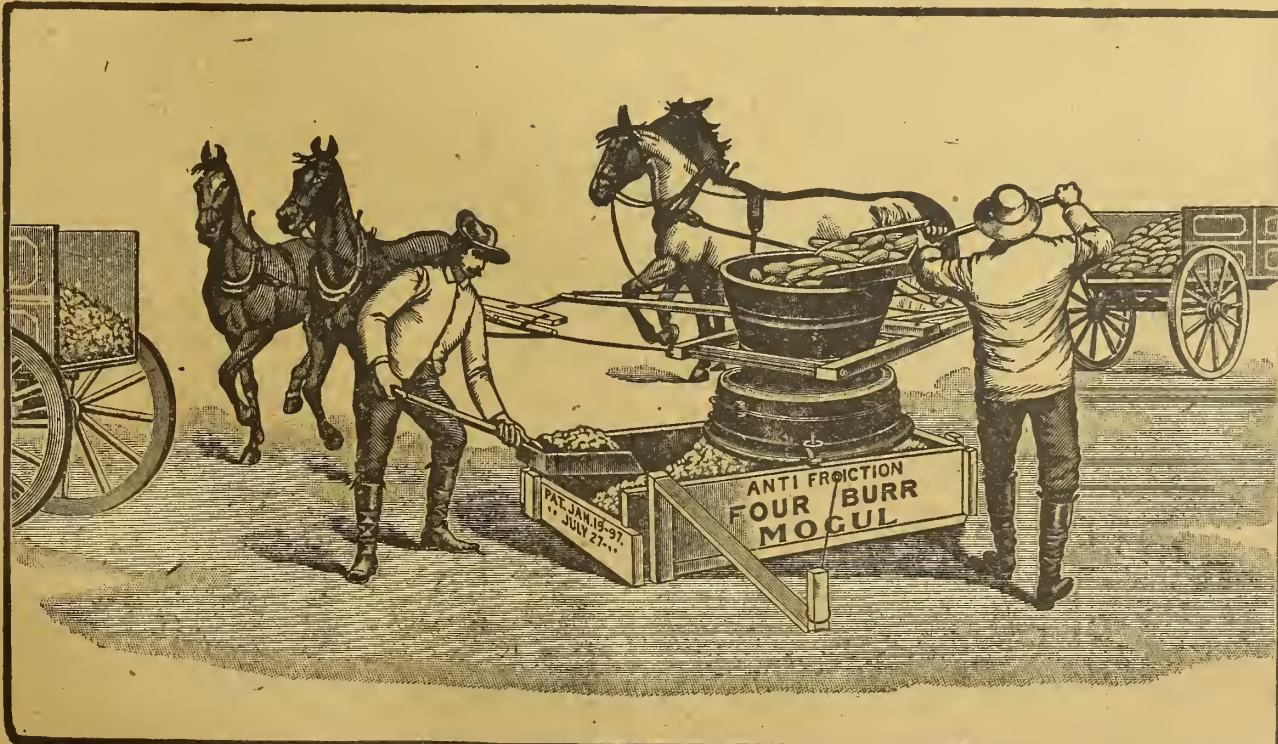
A SUBJECT FOR DISCUSSION.

The mortality among March and April pigs was greater in the spring of 1906 than has been the case in recent years. An inquiry made among men who handle pure-bred hogs revealed the fact that about 50 per cent of the hogs farrowed in March were lost, and the cause of this loss could scarcely in a single instance be given. Men claimed in many cases that their sows were fed no corn but were brought through the winter on fall grain, mill feeds, together with such by-products as oil meal and tankage. Every condition of successful hog raising seemed to be complied with and yet loss resulted.

This brings up a most important subject and one that ought to be discussed thoroughly in these columns. We invite our readers to participate in this discussion, taking for a subject, "The Best Time for Sows to Farrow."

We realize, of course, that men who raise hogs for the market, that is for the meat market,

will not agree with those who are raising foundation stock to be sold for breeding purposes. Men as they look around in the fall of the year for breeding animals, and especially males, always demand size, and there is only one way to get this and that is by having pigs come early in the spring and by feeding them well. We would be pleased to hear from those who believe in having hogs farrowed in March, and also from those who prefer that they should come in April and May. It should be kept in mind that hogs are kept for one purpose, and one purpose only, namely, to give the owner the largest returns for a given amount of food consumed. We have clearly defined ideas on this subject, but shall reserve our judgment until others have taken part in this discussion.



"I have used a Mogul No. 1 mill for four years and ground with one set of burrs more than 30,000 bushels of corn and the burrs are still in good condition.—F. F. Craig, Mt. Carroll, Ill." Owing to the hard, dry condition of corn this season we believe much more than the ordinary amount of grinding will be done and we wish to call our readers' attention to the above illustration of the four-horse, four-burr Mogul mill, that the manufacturers claim will grind from sixty to eighty bushels per hour when operated by two men. This mill has been on the market a number of years and is used by a large number of the best feeders in the West. The size and capacity of these mills for crushing large ears of corn and having two sets of burrs for grinding at once, makes them, we believe, the cheapest method of grinding corn for large bunches of cattle. This company also manufacture several sizes of smaller mills and will furnish free a finely-illustrated catalog and all information. Write to the Bovee Grinder & Furnace Works, Waterloo, Iowa.

THANKSGIVING PROCLAMATION.

The president of the United States, Theodore Roosevelt, has proclaimed Thursday, the twenty-ninth of November, a day of special thanksgiving. His message to the people of the United States is as follows:

The time of year has come when, in accordance with the wise custom of our forefathers, it becomes my duty to set aside a special day of thanksgiving and praise to the Almighty because of the blessings we have received, and of prayer that these blessings may be continued.

Yet another year of wide-spread well-being has passed. Never before in our history or in the history of any other nation has a people enjoyed more abounding material prosperity than has ours; a prosperity so great that it should arouse in us no spirit of reckless pride, and least of all a spirit of heedless disregard of our responsibilities; but rather a sober sense of our many blessings, and a resolute purpose, under providence, not to forfeit them by any action of our own.

Material well-being, indispensable though it is, can never be anything but the foundation of true national greatness and happiness. If we build nothing upon this foundation, then our national life will be meaningless and empty as a house where only the foundation has been laid. Upon our material well-being must be built a superstructure of individual and national life lived in accordance with the laws of the highest morality, or else our prosperity itself will in the long run turn out a curse instead of a blessing. We should be both reverently thankful for what we have received, and earnestly bent upon turning it into a means of grace and not of destruction.

Accordingly, I hereby set apart Thursday, the twenty-ninth day of November, next, as the day of thanksgiving and supplication, on which the people shall meet at their homes or their churches, devoutly acknowledge all that has been given them, and to pray that they may in addition receive the power to use these gifts aright.

In witness whereof I have, hereunto set my hand and caused the seal of the United States to be affixed.

Done at the city of Washington, this twenty-second day of October, in the year of our Lord one thousand nine hundred and six, and of the Independence of the United States the one hundred and thirty-first.

Speaking for the people of the corn belt, it can be frankly stated that there never has been a time in their history when such a degree of substantial prosperity has been enjoyed as during the year 1906. The sunshine and the rains have combined to literally make the prairies blossom as the rose, and there will be stored during the next few weeks in the granaries and cribs of the central West the most valuable crop that has ever been harvested.

Prices of almost every product that is raised on the farms of the central West afford a reasonable margin of profit over and above the cost of production, and this, together with the universally large yields, brings to the farmer an unusual degree of independence.

In addition to the satisfaction we enjoy over our own prosperity, it is gratifying to know that this extends throughout the nation, and the reading of the president's message alone should be sufficient to create within the heart of every American a feeling of devout thanksgiving.

PAN-HANDLE FEED FOR BEEF PRODUCTION.

On the twentieth of January last an experiment was undertaken by the Texas station, the object being to ascertain the value of milo maize and kafir corn when these are made the basis of a ration for fattening cattle. On the date mentioned, twenty steers were started on a grain ration composed of 8½ per cent of weight of cottonseed cake and a mixture of ground milo maize and kafir corn. The roughage used was sorghum hay, kafir corn and milo maize fodder and for a short time some millet hay. Another lot of twenty steers was given a similar ration, with the exception that they were allowed a larger portion of cottonseed cake.

The steers in both cases were started

"The Homestead is certainly the best advertising medium in the country," writes Mr. F. H. Long, proprietor of the Plain View herd of Poland China hogs, Manning Iowa; "99 per cent of my inquiries come through The Homestead." Such expressions are coming to us every day from breeders of horses, cattle, swine, poultry and all kinds and classes of live stock, including pet animals and fowls. No weekly agricultural paper in the world carries so large a number or volume of live stock advertisements as are now regularly appearing in the columns of The Homestead. The pages of this paper devoted to the permanent cards of live stock men, field notes regarding their herds and flocks, and reports of their sales and other operations are not only the most correct and comprehensive attainable information on the current history of this great industry in the corn belt, but constitute an unequaled educational force for the up-building of the live stock interest.

That other advertisers are just as well pleased as the stockmen with results of Homestead advertising is apparent from scores of letters from manufacturers of implements, seedsmen, dealers in farm lands and other general advertisers. "I wish to say," writes Mr. Wm. Lampman, of Omaha, land and immigration agent of the Oregon Short-Line Railroad Company, "that my advertisement in The Homestead has brought the very best results, and for that reason I wish to have it continued for another month." Like results are indicated by the following letter from a well-known St. Louis firm:

St. Louis, Oct. 24, 1906.

Homestead Company,
Des Moines, Iowa.

Gentlemen:—We take pleasure in advising you that the returns from our advertising in The Iowa Homestead this season were phenomenal. In fact, the number of inquiries were almost beyond belief. We were compelled to discontinue our advertising in mid-season because we were unable to take care of our numerous replies. Your paper is certainly "O. K."

Yours very truly,
St. Louis Seed Company.

One of the great advantages of advertising in The Homestead is that the advertiser invariably gets more than he bargains for in the way of circulation and service, for the reason that The Homestead is constantly and rapidly

on six and a half pounds of grain daily and gradually worked up during the next seven weeks, at the end of which time they were on full feed. At no time did they consume more than fifteen pounds each daily. During the six months of the feeding period the steers in Lot 1 made an average daily gain of 2.47 pounds, while those in Lot 2 gained 2.42 pounds. Hogs were allowed to follow the cattle. Practically 500 pounds of pork and beef were made from an acre of milo maize. The twenty steers in Lot 1 were fed for six months and made a profit of \$263.52, while those in Lot 2 realized a profit over and above the value of the feed and the first cost of the steers of \$252.56. In reckoning this profit, no account was taken of the roughage.

HANDLING RIDGLING HOGS.

The following communication has been received from one of our subscribers, Mr. J. W. McColl, of Guthrie county, Iowa:

I have a number of ridgling hogs in my bunch and would like to ask your advice as to how to handle them. Some of my neighbors say that these hogs will not breed, while others claim that they are just as satisfactory for breeding purposes as an animal that is fully sexed. Would you consider it a safe practice to allow the young ridglings to run with one's fattening bunch of hogs? I will not be marketing my fattening hogs for three or four months yet, and, of course, could not afford to turn ridgling hogs in if I thought they were breeders. I would like to hear your opinion and also the opinion of others as to what should be done under circumstances like these.

Ridgling hogs are generally breeders, though no reliable swine man would ever send one out in response to an order for a male pig. We have had some rather costly experience with ridgling hogs, and that experience has resulted in bringing us down to the adoption of but one plan, namely, that of unsexing such a pig com-

pletely, or killing him outright when he is young. After a little experience one will not find it difficult to discover the hidden sexual organ. It means more cutting of course than is ordinarily the case and is an instance where drastic treatment is necessary. From the pig's standpoint, it is simply a matter of giving up the hidden organ or his life, and with hogs around the six-cent mark one can well afford to do a little exploring with the knife in a case of this kind.

A ridgling hog is an all-round nuisance when turned with a bunch of fattening hogs. He will tear around almost day and night and keep everything stirred up generally. Usually he will not take on flesh himself so as to make a marketable pig, so that the owner has to feed him, and in the end you have nothing but a big frame. If you turn him in with your fattening hogs two or three months before they are sent to market, you will find that many of the sows will be piggy and consequently will be docked. We would advise no man to take the chances that would necessarily be involved over the use of a ridgling pig for breeding purposes. He may go back on you after it is too late and as

The busy season of The Homestead's subscription department is now approaching. Soon, subscriptions will be coming in by thousands, taxing the working powers of a large force of clerks to the uttermost and compelling us to employ temporarily scores of additional helpers. These "raw recruits" have to be trained in the art of handling subscriptions, and at best their work is attended with delays and is not entirely free from errors. If, therefore, you feel disposed to co-operate with us in promptly taking care

of all subscriptions, whether new or renewals, the sooner you send in your own and your neighbors' subscriptions, the more effectually you will assist us. Do not wait till the busiest of the busy season and send your subscription when everybody else is subscribing; but do it now, while our regular, trained force is amply able to handle the subscriptions as fast as they arrive. Subscribe today!

The demand among our subscribers for an extension of our "Red Letter Combination" offer through another season has been very strong, and has prompted us to open negotiations with the several publishers interested. The rate of \$1.25 a year for five first-class publications is a very low one and the publishers accepting so large a reduction must content themselves with an exceedingly low rate of profit; but we have succeeded in inducing those interested to renew the deal. So, for the present, on receipt of \$1.25, we will send you or your friend or neighbor The Homestead, the Chicago Weekly Inter-Ocean, the Kansas City Weekly Star, the Homemaker and the Farm Gazette all for one year. If you are already a subscriber for any or all of them and will say so in your letter, your time will be extended for one year.

To those of our subscribers who tried the "Red Letter Combination" last season, it is unnecessary to speak of the advantage of this remarkable offer. The Homestead itself is well worth the price of the entire list. In fact, any single issue of the paper, thoroughly studied and its suggestions put into practice, is worth \$1.25 to any farmer of intelligence and energy. We know of hundreds of instances where a single article has proven worth hundreds of dollars to individual farmers or breeders. The Weekly Inter-Ocean is an old favorite in over a hundred thousand western homes. The Kansas City Weekly Star is a splendid newspaper—a public journal recognized by publishers everywhere as a model worthy of their emulation. The Farm Gazette is beautiful, bright, interesting and instructive. The Homemaker is leaping to the front as a most delightful monthly magazine for farmers' wives. All these for \$1.25 a year is certainly a marvel of cheapness and value combined. We advise our friends to subscribe at once.

a result you will possibly use your next year's crop of pigs.

COPYRIGHTING NAMES OF ANIMALS

The board of directors of the National Duroc Jersey Association at its last meeting made a ruling to the effect that any breeder may, copyright the name of a hog. The copyright fee is to be \$5, but a full page in the Herd Book will be given to the pedigree of a copyrighted name.

This ruling has been made to prevent the misuse of notable names. There are many instances on record where very plain individuals with the blood of a noted sire or grandsire in their veins have fallen heir to the name of the sire, or grandsire, with of course a changed number. According to the recent ruling the owner of a notable animal can protect himself from the misuse of his animal's name.

There is a great difference in machinery, between "improvements" and experimental "alterations." "Improvements" mean changes which make a machine better and increase its usefulness. This is made plain by the Litchfield Spreader story on page 5 this week.



The "New Way" Air Cooled Engine.

"AN EXPERT DAIRYMAN TALKS"

Coopersville, Mich., May 24, 1906.

THE "NEW WAY" MOTOR COMPANY.

Gentlemen:—I am perfectly satisfied with the engine. I cannot find one single fault with it. We start the engine when we get ready to milk and never have to look at it or pay any attention to it until we are through.

Yours very truly, COLON C. LILLIE, Deputy Dairy & Food Commissioner.

Write for Catalog "L" and Prices.

The "New Way" Motor Company
LANSING, MICHIGAN, U.S.A.

Farm Furrows

Turned by a Practical Farmer.

Figuratively speaking, the fields of corn are grinning from ear to ear.

If an apple is to go into cold storage, the sooner it gets there after it has been picked the better.

Nothing causes the rise of righteous indignation more than to see a ninety-nine cent man jerking a \$150 horse.

One of the inducements held out for a hired girl in an advertisement is that there are four good-looking sons in the family.

The labor of the dairyman is a never-ending one. He feeds the cow to make the calf and then feeds the calf to make a cow, and thus it goes on forever.

After all the fuss made about growing ginseng there now comes a new danger in the way of a blight which kills the foliage and therefore heads off the seed crop.

It is about time for some faker to bob up with some new variety of alfalfa with wonderful qualities. A variety that will do well anywhere and live on anything.

A marriage license was recently issued in Chicago for Wojciech Raymniak and Waldyslaw Kaczkoska. There is certainly some room for revised spelling somewhere on the earth.

From now on until next June there will be need of a great deal of sunlight in all the stables. Can it be provided? There is something in sunlight that cannot be provided in any other way.

But little of this year's corn will spoil in the crib. It is too ripe and sound to spoil readily. As a precaution, however, it may be well to scatter the first few loads over a great deal of floor space.

The first permanent settlers of a new country are known in the West as "tender-feet." The first pioneers get into ruts and are pushed out by the enterprising newcomer. This is the history of all new countries.

In the early settlement of Iowa all the straw was burned as soon as the thrashing was completed and Iowa millers then ran all the surplus bran through the "tail race." Both practices have been stopped. These by-products are too valuable now to throw away.

The everlasting foundation of a farm is its fertility. Poor land grows poor crops. Poor crops are a loss to the farmer and a disappointment to the feeder. Putting manure back on land is only giving to the land what belongs to it and the obligation is on the shoulders of the farmer.

An enterprising farmer in one of the New England states unloads hay with a machine run by a gas engine instead of a horse. He says he can unload a load while a man is unhitching the team from a wagon. It pulls up the load, returns the fork and takes the place of a horse and a boy.

When the orchard trees begin to look horns one is at a loss to know what to do. It is hard work to cut out trees where there are too many; and yet that seems to be the cure. There are several ways of cutting them out. The rows may run regularly, diagonally or any way to keep them from "locking horns."

In New York good roads are to be made by "bad men." It is proposed there to set the convicts to making good roads. In some localities they will work out on the roads. In others they will be employed in pounding stone for roads and it is thought that in this way they will compete the least against free labor.

A friend of mine suggests that when it is necessary to give notes to strangers they be made non-negotiable, that is, that they be made payable only to some person, and not to "bearer" or "to order." It will never appear in some "innocent purchaser's" hands. The note can't be disposed of at all. It is not salable. A trickster will not take a note

of that kind, and it may cure the note habit.

A live fly got into a pint of sterile milk in New York recently and in one minute one drop of the milk contained forty-two bacteria—in twenty-four hours the same quantity contained 765,000 bacteria.

A thorough farmer can get more out of the scrub than a scrub farmer can. As a rule that kind of a farmer does not keep the scrub any longer than he can help. A scrub farmer will soon make a scrub out of a pure-bred animal.

From an American standpoint the wages of an agricultural laborer in Russia appears incredible. According to official investigations embracing a decade from 1882 to 1891, the average yearly wages of a male laborer were less than \$32. The cost of his living, \$24 added to it would make the munificent sum of \$56 the average year's wages for a man. The average daily wages in that country for the past five years have run from

eighteen to thirty-six cents per day during plowing time and from twenty-six to forty-four cents in harvest.

A schoolboy living in Wisconsin writes the Furrows man in regard to the pig-scratching business suggesting that it would be better to have a board or a plank on hinges so arranged as to come a little above the pigs' backs and across their runway when they go to and from their swill, and they will scratch their own backs in this manner.

When a farmer sells a horse he must give a guarantee. When the same farmer buys nursery stock he has to wait until the trees come into bearing to see whether he has what he bought. I wonder if in some way the "pure-food law" can be made to operate on the nurseryman, so he will realize the necessity of selling trees true to name.

A bank failure is certainly deplorable at any time and results in shaking confidence that is difficult to restore, but in farming communities these crashes

sometimes bring about good results. In the case of many failures the losers have refused real estate investments because banks have offered a better rate of interest. Land is a safe investment.

A nephew has just completed his circuit around the world. For many years he has been in China, Japan, the Philippines and the island of Guam in the employ of the government. He says telephones have just been introduced in China and that it gives the electrical current about all it can do to carry the Chinese lingo. He is impressed with the idea that America is a very good country in which to dwell.

Evidently there are some people who believe that it is impossible to keep up the fertility of the soil and still keep on raising crops. It can be done by growing leguminous crops and by keeping enough stock on the farm to consume all the forage produced. By following this practice, about as much fertility will be returned to the soil as was removed.

I am familiar with Ridpath's History of the World, and commend it to the scholar as well as to the plain people.
Wm. McKinley

THE Publishers Failure IS Your Opportunity

Dr. Ridpath's labors are deserving of the highest praise. I most heartily recommend his history of the World for study and for convenient reference.
Benj. Harrison.

HOMESTEAD Readers are Offered an Exceptional Opportunity
To place in your homes The World-Famed Publication

Ridpath's History of the World

The publishers' failure places the entire unsold edition in our hands. Brand new, down to 1906, including the Peace Treaty of the Russia-Japan War, beautifully bound in half morocco. We shall sell them first come first served.

At LESS than even DAMAGED SETS were ever sold.

We will name our price only in direct letters to those sending the coupon below. Tear off the coupon, write name and address plainly and mail now before you forget it. Don't delay as there are but a few Sets remaining. Dr. Ridpath is dead, his work is done, but his family derive an income from his History, and to print our price broadcast for the sake of more quickly selling these few sets would cause great injury to future sales.

Here is your opportunity to secure Ridpath's History of the World at the lowest price ever offered—and on easy terms. It will cost nothing to inspect the beautiful specimen pages and let us give you full particulars of our offer.



9 Massive royal octavo volumes, encyclopedia size, 11 in. tall, 8 in. wide, 2 in. thick, weighs 55 lbs., 4,000 double-column pages, 2,000 superb illustrations.

RIDPATH takes you back to the dawn of history, long before the Pyramids of Egypt were built; down through the romantic, troubled times of Chaldea's grandeur and Assyria's magnificence; of Babylonia's wealth and luxury; of Greek and Roman splendor; of Mohammedan culture and refinement; of French elegance and British power; to the rise of the Western world, including the complete history of the United States and all other nations down to the close of the Russia-Japan war.

RIDPATH'S enviable position as an historian is due to his wonderfully beautiful style, a style no other historian has ever equaled. He pictures the great historical events as though they were happening before your eyes; he carries you with him to see the battles of old; to meet kings and queens and warriors; to sit in the Roman Senate; to march against Saladin and his dark-skinned followers; to sail the southern seas with Drake; to circumnavigate the globe with Magellan; to watch that thin line of Greek spearmen work havoc with the Persian hordes on the field of Marathon; to know Napoleon as you know Roosevelt. He combines absorbing interest with supreme reliability, and makes the heroes of history real living men and women, and about them he weaves the rise and fall of empires in such a fascinating style that history becomes as absorbingly interesting as the greatest of fiction.

RIDPATH'S History is strongly endorsed by Presidents Harrison, Cleveland, and McKinley, Jefferson Davis, Lew Wallace, John L. Stoddard, Bishop Vincent, Dr. Cuyler, Rabbi Hirsch, Presidents of Ann Arbor, Amherst, Brown, Dartmouth, Tufts, Trinity, Bates, Colby, Smith, Vassar, Yale, and other Colleges, and by the Great American People, 200,000 of whom own and love it.

RIDPATH is conceded the **Greatest History** ever written. It is the only general history recognized as an authority. It is so beautifully written your children will learn to love it. You should know history in these history-making days. This is your chance to buy for less than ever before. You may pay in small sums monthly, if you wish.

SEND COUPON TO-DAY and we will MAIL SAMPLE PAGES FREE

\$1
Brings the Complete Set, Balance Small Sums Monthly.

FREE COUPON
Western Newspaper Association
204 Dearborn St.
Chicago, Ill.
Please mail, without cost to me, sample pages of Ridpath's History containing his famous "Race Chart" in colors, map of China and Japan, diagram of Panama Canal, etc., and write me full particulars of your special offer to The HOMESTEAD readers.
Name
Address

THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

A LASTING POST.

While in conversation recently with one of our subscribers, Mr. Chamberlain, of Iowa City, Iowa, our attention was called to the lasting qualities of a certain post. This oak post was planted by Squire Chamberlain in 1842 and even yet it is sufficiently sound to hold a gate. This means that the post is at least sixty-four years old. We were informed by Mr. Chamberlain that it was his father's practice to cut post material either in February or March, or in August or September. Just the time that this particular post was cut is not definitely known, though it is one of the four months mentioned.

This brings up a subject that is of vital interest to men who are interested in forestry matters. If any of our readers know of cases where timber has lasted unusually well and if there is any data to hand concerning the time that such timber was cut, we shall be pleased to have the matter discussed through these columns.

Fagan, Browning, Hess & McCabe Duroc Sale.

History repeats itself. Messrs. Fagan, Browning, Hess & McCabe, of Hersman, Ill., have again broken Duroc records in the matter of holding fall sales, having made an average of \$102.18. The highest-priced open sow ever sold at public auction is another achievement of this firm, a daughter of Proud Advance selling to Mr. Ed A. Baxter, of Pawnee, Ill., at \$500. The highest-priced Duroc boar ever sold at auction was a fall yearling boar by Tip Top Notcher and out of Helen Blazes, the dam of the \$1,000 sow Helen Blazes III., and went to Messrs. McNeil Bros., of Bowen, Ill. This boar stood third at Illinois State Fair at Springfield, and was a favorite among many of the breeders for a higher place. Messrs. McNeil are to be congratulated upon securing this boar and he should produce something very good crossed with the get of their noted herd boar, Hanley. Mr. O. S. Gilbert, of Conrad, Iowa, was the competing bidder. A litter brother went to Mr. H. B. Griffith at \$20 and was considered a bargain at that figure. There were many bargains in the sale. While several sold at record-breaking figures, there were many that sold for ridiculously low prices, considering their value. As is always the case with a good sale, there are those present who, when the sale is on, fail to grasp the opportunity presented to them in some well-bred, choice individual, and after the sale pay the buyer a premium to secure an animal sold in sale. Messrs. M. W. Greer & Son, of Rushville, Ill., secured a most excellent boar in Lucy's Proud Advance, a son of Proud Advance and out of Lucy Wonder XXI., the only living member of the Lucy Wonder litter, champion sow at World's Fair, Chicago, in 1893. A sow bred to this boar will certainly prove an attraction in Messrs. Greer's brood sow sale. In the February sale last year four sows out of Helen Blazes sold for \$190 and this past week another litter out of this sow sold for \$150. In summing up this sale, we wish to call attention to records broken: First, highest average ever made on fall sale; second, highest boar ever sold at public auc-

tion; third, highest-priced open sow ever sold at auction. Col. F. F. Luther opened the sale with a strong plea for thoroughbred stock, the Duroc Jersey in particular, and was assisted by Colonels McGowan, Reppert and Keil. A list of animals sold follows:

Lot.	Price.
1 McNeil Bros., Bowen, Ill.....	\$1,000.00
2 H. B. Griffith, Bowen, Ill.....	260.00
3 W. S. West, Hanna City, Ill.....	47.50
4 Seckman & Snyder, Mt. Sterling, Ill.....	45.00
5 Ed A. Baxter, Pawnee, Ill.....	197.50
6 A. R. Fry, Mt. Sterling, Ill.....	30.00
7 O. S. Gilbert, Conrad, Iowa.....	70.00
8 M. W. Greer & Son, Rushville, Ill.....	100.00
Extra Sheldon Bros., Shannon City, Iowa.....	25.00
13 A. L. Lynch, Mt. Airy, Iowa.....	40.00
14 McNeil Bros., Bowen, Ill.....	50.00
15 Maupin & Applegate, Shelbina, Mo.....	40.00
16 W. J. Carlin, Bowen, Ill.....	55.00
17 Frank Zimmerman, Versailles, Ill.....	35.00
Extra H. W. Lineweaver, South English, Iowa.....	55.00
20 Day Bros., Perry, Ill.....	32.00
21 W. F. Kendall, Mt. Sterling, Ill.....	31.00
22 Geo. Kerr, Sahetha, Kan.....	50.00
23 Kingston Bros., Avon, Ill.....	47.50
24 Geo. M. McMurry, Maryville, Mo.....	55.00
25 A. L. Lynch.....	42.50
26 D. Buckley, Limewell, Ill.....	27.50
27 Henry Stark, Mt. Sterling, Ill.....	25.00
28 Henry Matern, Lottant, Ill.....	50.00
29 Geo. E. Shannon, Bolckow, Mo.....	30.00
32 B. W. Hale, Laddonia, Mo.....	40.00
33 Hugh Cullivan, Mt. Sterling, Ill.....	25.00
34 R. E. Wood, Jefferson, Iowa.....	30.00
Extra Maupin & Applegate.....	27.50
Extra Proud Advance fall gilt, Ed A. Baxter.....	500.00

The Reese Cattle Sale.

A breeder of Short-horns who has been successful in the progress of his business and who has certainly acquired the confidence of his neighbors within a radius of thirty miles, is Mr. J. L. Reese, of New Providence, Iowa, whose very successful sale of Short-horn cattle was held Friday, November 2, 1906. The crowd was largely a local one, with a few buyers from a distance. Messrs. John Lister, H. D. Parsons and Jim Nicholls followed up Mr. Reese's sale from the very successful sale of Mr. John Rasmussen the day previous. These, with a few other buyers from Hampton, Ellsworth and Zeigler, furnished the outside buyers, yet the sale from every point of view was successful. Mr. Reese presented the cattle with little or no fitting, but they showed to be a good, honest, business lot, and it looked like buyers had good values for their money. The older cows that were sired by Double Victor, Mr. John Lister's present herd bull, who had been used during all his earlier days by Mr. Reese, were the attractions of the sale. Mr. Reese has perhaps never used any other bull with as marked success as Double Victor. The frank, honest statements and fair dealings of Mr. J. L. Reese have certainly established him in a favorable manner with all present at his sale. Many of the cattle sold below \$100. The following summary will show the averages, including everything sold but buyers' names and postoffice addresses are given only where \$100 or more was paid:

FEMALES.

Pleasant Hill Blossom, three years, sire Fearless Victor, and cc., Al. P. Mason, Union, Iowa.....	\$160
Orange Blossom of Forest Lawn, six years, sire Victor Prince of M. V., John Lister, Conrad, Iowa.....	195
Avolera, two years, sire Hampton's Fashion, N. Fiscus, Liscomb, Iowa.....	130
Alaina, two years, sire Hampton's Fashion, N. Fiscus.....	125
Victoria Blossom, six years, sire Double Victor, W. B. Armstrong, New Providence.....	200
Pansy Blossom, sire Red Knight, F. J. Clapp, Providence, Iowa.....	130
Beautiful Faashion, three years, sire Hampton's Fashion, and c. c., H. D. Parsons, Newton, Iowa.....	170
Missie 105th, two years, sire Fearless Victor, E. R. Stillman, Colo, Iowa.....	220
Corita, four years, sire Crown Sandow, J. F. Glenn, New Providence, Iowa.....	100
Crown Princess, five years, sire Crown Sandow, and b. c., Bert Grimes, Zeigler, Iowa.....	100
Theima, six years, sire Double Victor, and c. c., R. E. Russell, New Providence, Iowa.....	135
Princess of Brookside, three years, sire Hampton's Fashion, A. M. Henshaw, Union, Iowa.....	100
Thora, three years, sire Hampton's Fashion, A. C. Thornton, New Providence, Iowa.....	100
Victor Lady Elizabeth, five years, sire Double Victor, Jesse Binford & Sons, Athion, Iowa.....	100
Golden Blossom, seven years, sire Gold Bug, and b. c., J. H. Cordell, Ellsworth, Iowa.....	110
Lorena Leslie, three years, sire Young Sandow, G. W. Mitchell, New Providence, Iowa.....	100
Lenora Leslie, seven years, sire Gold Bug, and c. c., E. G. Sheldon, New Providence, Iowa.....	110
Alvina, eight years, sire Gold Coinage, and c. c., Frank Clappitt, New Providence, Iowa.....	150
Thanet, two years, sire Hampton's Fashion, James Nicholl, Indianola, Iowa.....	115

BULLS.

May Lad, one year, sire Red Trooper, Jacob Thompson, Ellsworth, Iowa.....	110
Hampton's Improver, one year, sire Hampton's Fashion, E. S. Thornton.....	100

SUMMARY.
32 females brought \$3,582.50; average, \$111.95

HELPING THE HUSKERS.



Have you heard how Joel Cagwin, Ames, Iowa, proposes to help you harvest the corn crop? Moreover, he proposes to do it, not for three and a half cents a bushel, but for fifty cents for the whole season. He has made a hit with the men in the corn field with Cagwin's Huskers' Liniment. It is not guaranteed to make the ears slip from the husk to the wagon, but it does help the husker to keep those big cracks and stiff joints from making shucking a misery. If your dealer does not keep it, see the advertisement on page 9. Please mention this paper when you write.

ROOFING

requirements, so far as weather is concerned, are always the same, whether the material is intended for an immense business building or a structure on the farm. The roofing must be sun-proof, water-proof, and fire-resisting. It must be strong and elastic to resist expansion and contraction. There can be no avoiding these issues.

RUBEROID

(REGISTERED U. S. PATENT OFFICE.)

was the first and is today the only roofing made which combines all these qualities. It contains no tar or paper; will not melt or rot. Saturated and coated with Ruberoid Water-proof Compound. Absolutely weather-proof. Burning brands or flying sparks will not ignite it. It has proved its elasticity by enduring torsional strains for years. These are all statements we can prove if you will write to us. Send for samples and Booklet "A."

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QUICK and ECONOMICAL.

SIMPLE and DURABLE.

Look at the cut in the center and notice the construction of the Purinton Cooker.

There is little water just where there is the most heat, right above the coals. That's why the Purinton gets up steam quicker than any other cooker on the market.

Naturally, it's easier to bring a small volume of water to the boiling point than a larger volume. That saves you time and fuel.



There are no unnecessary parts to this cooker. It is absolutely safe, practically indestructible and is sold direct from our factory to you at a low price. Made in various capacities to suit all requirements.

Use wood, cobs, coal or anything burnable for fuel.

Double joint in pipe allows pipe to be put in a number of barrels around boiler without unscrewing.

Send For Catalog Today.

CRESCENT FURNACE & FOUNDRY CO., 604 Madison Street, DES MOINES, IA.

Union, Iowa.....	100
Thora, three years, sire Hampton's Fashion, A. C. Thornton, New Providence, Iowa.....	100

12 bulls brought \$1,050; average.....	\$5.55
44 head brought \$4,612.50; average.....	104.85

The Last Call for the Shelby County Short-horn Sale.

On Tuesday, November 13th, at the commodious sale pavilion in Harlan, Iowa, where the Shelby County Short-horn Breeders' Association will hold their first annual sale. The offering of forty-five head that will be sold in this sale have been personally inspected by that veteran breeder, Mr. C. W. Daws, who is also managing the sale, and he has taken particular pains to secure the very best for this occasion. There will be sixteen or eighteen bulls in the sale, including a number of Scotch bulls. Among these is Golden Steadfast 182418, a son of Imp. Steadfast and out of a daughter of the Parsons-bred bull, Commodore. Then comes Imp. Pro Consul, Imp. Spartan Hero, Imp. Knight of the Rose and Crown Prince of Athelstane 2d, all noted bulls, and bulls that have made their mark both in the show ring and as breeders. This bull is a roan in color, is five years old, is in excellent condition and is put into this sale simply because Mr. Dayton, his owner, is retaining his helpers. He belongs to the Cruickshank Brawth Bud tribe that has produced so many noted show winners, and he is just in his prime. He will tip the scales at an even ton and is a good individual. Another well-bred bull is Tidy Boy, consigned by Mr. J. G. Westrope, of Harlan, Iowa. He is a son of the Cruickshank bull, Sirocco, and is out of Tidy Girl 3d by Victor Bud, and his third dam is by Imp. Gay Monarch. He is a Frantic, the same tribe that has produced many of our most noted show cattle. He is a splendid individual and has a number of winnings to his credit. Mr. Westrope puts in several other good bulls, nearly all sired by Sirocco, and they are growthy and well developed and any one of these will make a good herd bull. Mr. Daws puts in a couple of extra good bulls sired by his former Cruickshank bull, Banner Chief. Altogether there are sixteen bulls in the sale and they are as good a bunch as will be found in any offering this season. The man that wants a car load can easily get what he wants in this sale. The females are also a representative lot of Short-horn cows, nearly all sired by Scotch bulls and many with calf at foot and bred again. These are sired by such well-known bulls as Imp. Scottish Pride, Bonnie Scot 2d, Bismarck, Baron Victor, Sirocco, Royal Gloster and Imp. Lord of the Manor. We could mention the many excellent cows in this sale, but the catalog will do that, and do it better than we can. Suffice it to say, that they will be there, and in goodly numbers, and it will be a good place to buy and we hope for a good attendance at the sale. Write for catalog to Mr. C. W. Daws, manager, Harlan, Iowa, and be kind enough to mention The Homestead when doing so.

The Homestead and The Homemaker
\$1.25 per year.

Let Us Send You Our Book.

about good wheels and good wagons that will save you a lot of work and make you a lot of money—the

ELECTRIC STEEL WHEELS
and the
ELECTRIC HANDY WAGON.

By every test, they are the best. More than one and a quarter millions sold. Spokes united to the hub. Can't work loose. A set of our wheels will make your old wagon new. Catalogue free.

ELECTRIC WHEEL CO., Box 43, Quincy, Ills.



ELECTRIC

IN THE GREAT SOUTHWEST.

News has been given out that prairie fires have been raging in the western portion of the "big pasture" which is soon to be open for settlement. The destruction of vegetation will hinder many from being able to judge the productivity of the soil.

A new ruling in federal quarantine regulations effective only in Indian Territory and Oklahoma is that horses and mules shipped from Texas or any other points for the modified quarantine area of Oklahoma must be dipped the same as cattle. This is done to prevent the spread of fever ticks.

The new interstate commerce law stands in the way of Kansas farmers. The low rates formerly offered by railroads to men looking for work in Kansas cornfields will not be given. Now, huskers will be compelled to pay full fare.

Professor Hanson of South Dakota, now a special agent for the government, has just discovered a new species of potato which will produce more alcohol per acre than any other kind can produce on several times the same area.

There are now in the rural mail delivery service of the country 36,437 carriers. The department has recommended an increase in their salaries.

A railroad in Indiana is testing the value of cement telegraph poles. These are about the same shape and size as the wooden poles and weigh 2,500 pounds each.

A small prairie fire fourteen miles west of Kansas City caused considerable excitement and damage recently. About seventy-five men fought the flames and checked them before they had covered more than a quarter section.

A company has purchased 60,000 acres of land in Presidio county, Texas, which they will devote to the raising of Durum wheat. A large acreage will be put in this fall. While the price of this variety of wheat is several cents below that of other kinds, it will certainly not remain that way long, as every conceivable test has given durum flour the equal of the average run of flour on the market.

A settlement of thrifty Italians are growing wealthy by making wine in Northwest Arkansas. The soil is rocky and can be purchased at low cost, but it seems well adapted for grape culture. In all there are about 150 acres of vineyard. Some 500 men and women are in the work and some yields are as high as 600 gallons per acre.

From work done at the Oklahoma Experiment Station with Bermuda grass, it would indicate that there are remarkable possibilities in this grass for pasture or hay crop. Three cuttings were made this season, June 12th, August 2d, September 18th, respectively, yielding in all five tons of first-class hay, much superior to the wild grasses which produced less than half the amount on adjoining land.

Leading negroes of Oklahoma and Indian Territory have organized a protective organization. The purpose is to prevent crimes which lead to and cause lynching. The company is capitalized at \$25,000.

Fishing Tools for Recovering Lost Tubing and Pumps.

To the Editor of The Homestead:

Having been a user of iron pumps of various kinds for many years necessity has caused me to invent tools to recover pump tubing and rods that had, by accident, been dropped into wells.

At one time I was putting a pump having 4-inch tubing into a seventy-foot drilled well when forty feet of the tubing slipped from the lowering device and

fell to the bottom of the well. Here was a predicament. How to regain that forty feet of four-inch tubing and pull it back to the top of the seventy-foot well was the question, and I solved it in the following manner:

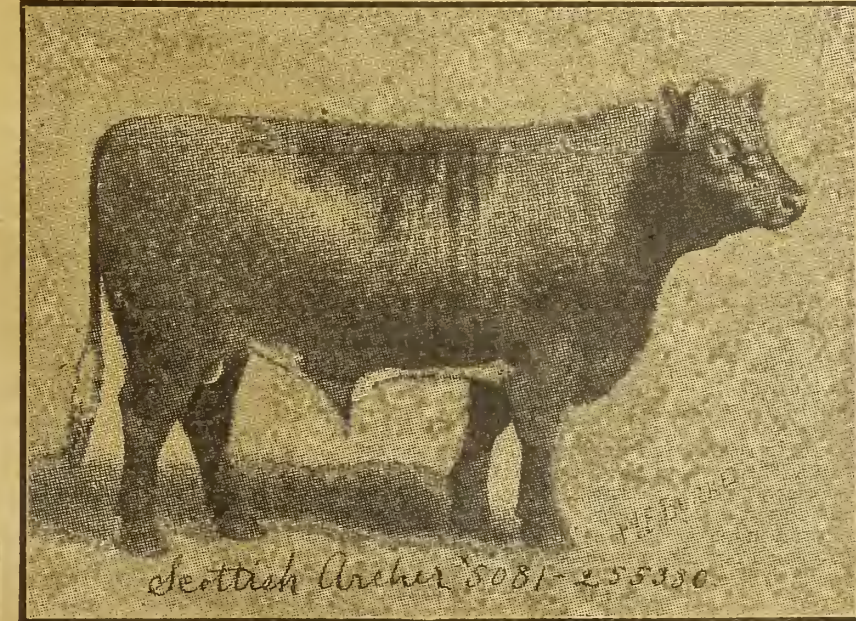
Take about two feet of old wagon tire one and a half inches wide or wider and bend it around until the two ends meet, but leaving an opening at the top in which to fasten the pulling rope or chain; also about two inches from the lower end bend the two sides apart so as to form an opening or sort of slot into which can be inserted two sharp steel jaws, side by side, in this opening and pointing in opposite directions out of this slot. Drill holes through the sides of the slot and also a hole in the broad end of the steel jaws a trifle larger than the rivet that is to be put through the jaws, it being essential that the jaws play loose on the rivet that is to secure them in the slot. These jaws must be made hard and sharp and just such a length that in lowering the tool into the pump pipe they will slide down points upward and yet when the pull upward is made will gouge outward and thereby secure a hold into the sides of the pump pipe and sustain the load until the pipe is brought to the top.

In technical terms this device is known as a "Casing spear." The lower end of the spear should be drawn to somewhat of a point so that it will the more readily enter the pump pipe. In my case I had the windmill tower to which to fasten the pulling tackle; in other cases a tripod could be erected over the well. I hereto attach sketches, Fig. 1, 2 and 3, that will give some idea of what this casing spear looks like.

For smaller pump pipe than three or four inches I made what I will call a pump-pipe grab, which is made by taking a piece of iron about one foot long and three-quarters of an inch square and drawing the ends to sharp points; bend this iron into something like an "S" shape, the distance between points of the "S" and the main stem of the "S" being sufficient to form an opening to admit a two-inch pipe. When the iron is bent into the proper shape weld a loop or iron perpendicular to and at the center of the "S." This loop is to fasten the rope to when the grab is to be lowered into the well.

To secure the lost pump pipe, lower the grab into the well until it is some distance below the top of the lost pipe and then twist the rope so as to start the grab circling around in the well. When, if you have the same luck I have always had, you will soon feel that the tool has a hold around the pipe. When you have secured this hold pull on the rope. The weight of the pump pipe will cause the grab to tilt sideways, thus causing the sharp edges of the square iron to secure a binding hold on the pipe and bring it out.

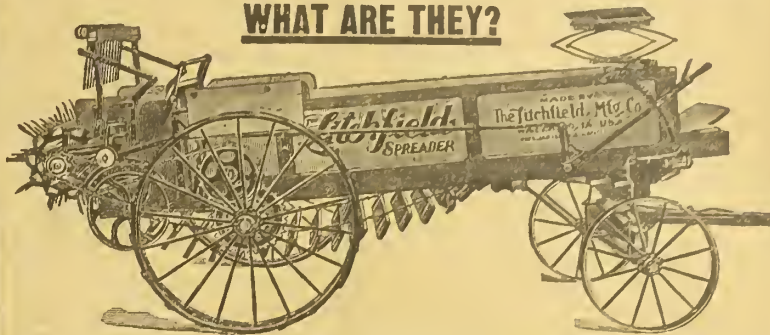
To "pick up" lost pump rods I have



The subject of the above illustration represents the splendid Cruickshank Polled Durham bull, bred and owned by Mr. S. P. Wenger, of South English, Iowa, and is consigned to the big combination sale at Harper, Iowa, November 15th. He is sired by Pirnce of Pallas X, a Double Standard Polled Durham bull bred by J. Miller. He is a dark red and is out of an imported Cruickshank cow, Imp. Ruby 32d by Mountain Archer. She belongs to Mr. Cruickshank's celebrated Brawith Bud family, hence this is an exceptionally well-bred Scotch Polled Durham bull, suitable to head any herd of this growing popular breed. He is a very promising bull, somewhat hunky and of show-yard character. Tempting offers have been refused for this bull because of the fact that he was listed for sale on November 15th, and was held as an attraction.

IMPROVEMENTS

WHAT ARE THEY?



CHANGES in a machine are not necessarily improvements. The popular demand for "improvements" oftentimes leads a manufacturer to "alter" and "change" a machine to fill this demand from the consuming public, for an "improved" article.

The policy of the Litchfield Manufacturing Company is, always has been, and always will be, to make no changes that can be avoided. The principle of maintaining a good thing and sticking right to it when you have it, means success. It means something sure and something you can depend on.

You will find the improvements on the Litchfield Spreader (which, by the way, have been coming quite rapidly of late) are the result of new discoveries and an effort to overcome all the objections that have ever been offered to any manure spreader. It is the policy of this company to make the Litchfield Manure Spreader as near "break proof," "fool proof" and "trouble proof" as modern skill and ingenuity can produce.

Reducing the number of pieces, reducing the complicated mechanism, increasing the strength and where necessary the size of all working parts, is the aim towards durability. Introducing scientific theories that have been worked out along practical lines that will make the work easier on the horses, the distribution better, and the general strain on the machine lighter, are the points aimed at in producing a better machine.

It needs only a careful inspection to convince anyone that this policy has been carefully followed out and that the principle of "improvements" rather than "alterations" has been the guide throughout the entire construction of this modern and we may say, wonderful machine.

The expense to the Litchfield Manufacturing Company connected with one single improvement that will make the machine better is nothing when compared with the saving to thousands of customers on the thousands of machines, all of which are covered by this one improvement.

Will our readers just think this over and try and appreciate how much this thorough care on "the key machine" means to the many thousand customers who are buying and paying for the many thousand duplicate spreaders. Please read this article next week, as it will be interesting.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

made a very simple and efficient device by taking a rope long enough to reach down into the pump pipe or tubing and to where the pump rods are. To the ends of this rope attach six or eight pieces of stout twine one foot long, and to each of these pieces of twine tie a half or three-quarter-inch nut. Lower the rope and nuts into the pump pipe until you are below the lost rod, then twirl the rope between the palms of your hands for some little time. This action causes the short pieces with the attached nuts to tangle about the rod in such a way as to enable you to pull it to the top of the tubing.

A neighbor of mine made a tool with which he picked up a hatchet that had been dropped into a thirty-foot dug well and brought it to the top. To do this he took a wagon rod and twisted the thread end into a flattened spiral and fastening this to an extension pole he lowered it into the well and began



HIGH GRADE HAIR SWITCHES

FIRST QUALITY HUMAN HAIR, none better, (ordinary colors) at the following prices

by mail postpaid:
2oz. 20 inches, \$0.90 3oz. 24 inches, \$2.25
2oz. 22 inches, 1.25 3oz. 26 inches, 3.25
2oz. 24 inches, 1.40 4oz. 28 inches, 4.50
Grays, Blacks, etc., 1/4 to 1/2 more.
Send sample for estimate.

Send sample of hair, we will match perfectly. Remit by post office or express money order, bank draft or registered mail. Money refunded if desired. Illustrated Catalogue of Switches, WIGS, Bangs, Pompadours, Waves, etc., FREE.

ROBERTS SPECIALTY CO.
114 Dearborn Street, CHICAGO.
THE OLD RELIABLE HAIR GOODS HOUSE.
Our faultless fitting WIGS and TOUPES have been the standard for many years.

twisting the spiral about in the bottom and soon he had the hatchet in the grasp of the twisted rod and brought it out.
Z. T. Postlethwaite.

Neosho county, Kan.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for 25 years.

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Five excellent newspapers and magazines for \$1.25 a year—supplying your home with news, literature, agricultural information, market reports, entertainment and general instruction all the year round. If already a subscriber for one or all, your time will be extended for one year. All these for \$1.25:

The Chicago Weekly Inter Ocean, a grand general newspaper for the family—all the week's news, reliable market reports, a wealth of prose and poetical miscellany, departments for women and children, something for each member of the household.

The Kansas City Weekly Star, an able, fearless, independent newspaper, filled with information and entertainment, containing much that you cannot find in any other paper.

The Homestead, the greatest farm paper in the world, reaching more than double the number of paid subscribers taking any other weekly agricultural paper in its field, having departments covering every interest of the farm; edited by actual farmers and numbering among its contributors a larger number of successful farmers, breeders and experiment station workers than any other farm paper.

The Homemaker, a delightful monthly of entertainment and instruction for the women folk of the farm; something to brighten the lives of your wife and children.

The Farm Gazette, the most beautiful farm magazine in the world; elegant illustrations, printed on fine paper; cover in five colors; reading matter both helpful and entertaining.

Send us \$1.25 today, stating whether your subscription is a new one or a renewal. Address, The Homestead Co., Des Moines, Iowa.

\$12.95 Portland-CUTTER



Can furnish cutters for \$12.95 and upward guaranteed equal to those retailed locally for \$10.00 to \$15.00 more than our price. Worth saving. Isn't it? Send for Special Circular. Largest line ever shown. Lowest prices ever known on good work. Many styles built in our own factory. Bob-Sleds at \$9.55. Write today

MONTGOMERY WARD & CO.
Chicago and Kansas City.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

Handling Separator Cream.

The care that the cream receives while it is on the farm plays a very important part as to the quality of the butter. In one sense, under present conditions, we might say that the farmer is the man that ripens the cream; for it is often the case that the cream contains all the acid that is necessary when it reaches the creamery. If acid is what we are working for, all right, but we are after flavor and in order to get that rich, creamy flavor in our butter we must have the cream in good, clean, sweet condition.

The butter makers in our smaller creameries can do a great deal toward getting the farmer to take proper care of his cream, while the butter maker in the larger centralizing plants can do nothing but make butter and plenty of it.

Here are a few things the butter makers should know and explain to the farmer:

Barns should be kept clean.

Milking should be done under the best of conditions.

Milk should be removed from the barn to the milk house as soon as possible after milking is done, and separated while it is warm. The cream should be cooled as soon as it is removed from the milk, and warm cream should never be mixed with cold cream.

The cream should always be delivered while it is sweet, four to six times per week in summer and three times in winter.

The farmer should skim a rich cream, from ten to twelve pounds per hundred pounds of milk. The creamery does not pay anything for the skim milk that is in the cream. A small amount of cream can be handled to better advantage than a larger amount and there is less danger of the richer cream becoming sour. Cream, varying in per cent of fat from 30 to 45 per cent, can be handled to a better advantage by both farmer and creamery man.

One of the reasons why so much poor cream is delivered is because the farmer has not a suitable place to keep it.

The following plan has worked satisfactorily: It requires an oil barrel burned out, placed in the milk house or between the pump and the stock watering tank. Between the first and second hoop drill six or eight one-inch holes at equal

distances. Just below the second hoop drill one one-and-one-half-inch hole. The water pipe from the well should enter at this point. On the inside of the barrel place a wooden trough to carry the water to the bottom of the barrel. In the side of the barrel, next to the water tank, and above the third hoop, drill a two-inch hole and connect this with a pipe to carry the water to the tank. A tight box can be used in place of the barrel. An arrangement of the above description will hold all the cream produced upon an average farm and the cream will be in a fairly good condition for a four-day-per-week delivery, providing that all the water needed for the stock has been passed through this barrel.

We often underestimate the importance of frequent deliveries. The average producer of milk has not the facilities to keep the cream more than three days and even then in a number of cases the cream is not in a fit condition to be made into butter of good quality. It is true that the cost of getting the cream to the creamery must be considered, but it should not be done at the expense of quality.

As a rule, the best results are obtained when the cream is delivered by the producer, or when several patrons in one community take turns in delivering the cream. When this method cannot be followed and the cream cannot be shipped by rail, do the next best thing, that of collecting the cream by means of the regular cream haulers. The man in charge of the wagon should know the grade of cream desired. He should be a man that would treat all farmers alike, and if he found a few of the farmers were not taking proper care of the cream, he should be able to give them a little friendly advice.

The most satisfactory method of handling the cream on the wagon is in the thirty-gallon jacketed cans, fitted up with floats.

The wagon should be covered and fitted up with springs.

The driver should be furnished with a scale with a removable cover, a stirrer, the base being of heavy rubber, to be used to scrape down the cream from the can. The hauler should not rinse out the farmers' cans with water. Have one small dipper, a hook with the patron's name and number, and a sample case to hold enough bottles to have one for each patron. These bottles should be the heavy one-by-five-inch tubes in place of the long nine-inch tubes so frequently used. They hold more, and are easier to fill and empty.

Make regular trips. Call on all the patrons, except when they have told you they would churn. Never fail to call for the cream because the patron has a small amount and thinks he can hold it until the next time. One gallon of off-

Beef Making As a Business

Beef is made very much like any manufactured article. The internal organs of the steer represent the machine and the feed is the raw material. To grow beef the raw material or feed must contain every element of the animal body—but by combining the different grains, fodders, etc. commonly raised on the farm, a perfect ration can be formed—after obtaining the proper ration your ingenuity should be exerted to see that this ration is properly digested and converted into profit.

DR HESS STOCK FOOD

the prescription of Dr. Hess (M.D., D.V.S.) was designed for this particular purpose. Dr. Hess being a doctor of medicine and also veterinary surgery learned from his experience in the practice as well as from such authorities as Professors Winslow, Dun, Quitman and all the most noted writers that bitter tonics would increase digestion, iron would make rich, red blood, and that nitrates of soda and potassium would assist nature in throwing off the poisonous waste material from the system. These ingredients he combined with nature's roots, herbs, barks, seeds, etc. and this formula has become so successfully famous that every pound is **Sold on a Written Guarantee.**

100 lbs. \$5.00

25 lb. pail \$1.60

Smaller quantities at a slight advance.

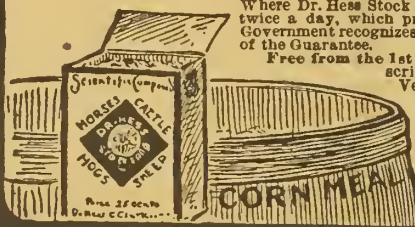
Except in Canada and extreme West and South.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the Guarantee.

Free from the 1st to 10th of each month.—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 96 page Veterinary Book free any time for the asking. Mention this paper.

DR. HESS & CLARK,
Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Pan-a-ce-a and Instant Louse Killer.
Instant Louse Killer Kills Lice.



Free Trial **A Cleveland Cream Separator**

Direct from the Factory on Free Trial. **NO MONEY IN ADVANCE.** We ask no deposit, no note, nothing to bind you. We depend entirely upon the work that the Cleveland will do on your place to make the sale. If you don't want it after giving it a fair trial, send it back. We can afford to make this offer because the Cleveland is **The Only High Grade Separator Sold at a Reasonable Price.** Our guarantee covers these points: **Easiest Running—Easiest to Clean—Most Durable.** Send for Free Catalogue and full particulars.

CLEVELAND CREAM SEPARATOR COMPANY,
Dept. H, 33 Michigan Avenue, N. W., Cleveland, Ohio.

flavored cream will spoil several gallons.

Weigh all of the patron's cream in your own pail.

Do not take out the sample for testing until you have weighed and thoroughly mixed the cream. Fill sample bottle.

Be sure your sample bottles are not mixed, and that each patron is credited with the correct amount of cream.

Start early and do not stop longer than necessary.

One of the essential things that a man in charge of a hand-separator creamery should know thoroughly is the butter-fat determination of cream testing. This is often the cause of a great deal of trouble, especially in neighborhoods where the farmers have not confidence in the butter maker and where unfair competition has been practiced. No one is free from mistakes, but mistakes are more apt to occur when the work is done carelessly.

The system of testing cream every time it is delivered is probably the most satisfactory if plenty of time is taken, but when a man has to crowd in fifty to one hundred samples a day after the other work is done, he cannot give it the time it requires.

I would prefer to see a system for determining the total amount of butter fat delivered by a patron for a week or fifteen days by the use of the composite sample. In that case, only one fat determination would be made, instead of four, or several. Many farmers cannot understand why their cream varies from day to day. They do not consider that there are various causes for variation in test of cream, such as changing the speed of the bowl, temperature not always the same, more milk going into the bowl one time than another and variation in the amount of water or skim milk used in rinsing out the bowl, etc.

By the use of the composite they would not have as many tests to compare. Sufficient work has been done to show that an accurate determination of butter fat delivered can be made by the composite system.—[Address by C. E. Lee, before Illinois Dairy Association.]

Where to Place the Separator.

It is reported that thirty cream separators are sold to Iowa farmers every day in the year. In the last five years

A Cream Separator Without Cost

That is What We Offer You in the

Iowa Dairy Separator

Repeated tests have demonstrated that the "IOWA" is the only Separator that takes out every particle of the cream. Therefore, given a certain amount of milk, for a specified length of time, and the additional amount of cream secured will pay for the machine.

Gold medals at World's Fair and Portland attest the superiority of the "IOWA" over all others.

Made in all sizes from 250 to 750 pounds. Your name and address on a postal card will bring you a handsomely illustrated booklet with full information, price list, etc. Write at once, for every day that finds you without an "IOWA" finds you losing money. Ask for catalog 25. Address,

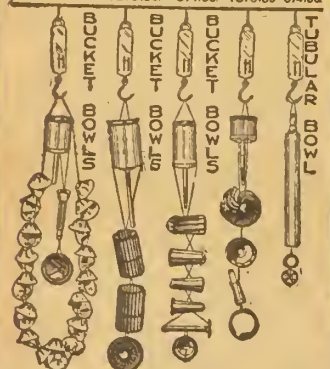
The Iowa Dairy Separator Co.,
Waterloo, Iowa.



Saves Hours of Cleaning

Of course your wife would try to wash even the worst cream separator bowl properly twice every day. But why ask her to slave over a heavy, complicated "bucket bowl," like either

12½ lbs. 12½ lbs. 8½ lbs. 10½ lbs. 6½ lbs.



of the four on the left? Why not save her hours of cleaning every week by getting a Sharples Dairy Tubular Cream Separator with a simple, light, Tubular bowl, easily cleaned in 3 minutes, like that on the right? It holds the world's record for clean skimming.

Sharples Tubular Cream Separators are different—very different—from all others. Every difference is to your advantage. Write for catalog M—121, and valuable free book "Business Dairying."

THE SHARPLES SEPARATOR CO.
West Chester, Pa.
Toronto, Can. Chicago, Ill.

HILLCREST Butter-herd Holstein Bull Calves. The best money maker to head dairy herds. Write to day. No females to sell. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

conclusions of others are often helpful.

The first thought is to set up the separator in the house; in the back kitchen or store-room. There are many things to favor such a location. The environment will be cleaner in all probability than in any other place. It will be handy for the housewife to clean, whenever her time admits. It will not be forgotten as it is sometimes when it must be brought in by the boys from the barn or outbuilding. Besides the aggravation of having the tubes freeze in cold weather will be avoided. On the other hand much dirt will be tracked into the house by the milkers and there is always some slopping when milk is separated. The skimmed milk will all need to be carried back to the barn which lengthens chore time. In warm weather the milk utensils attract flies and altogether there are many disagreeable features of keeping the separator at the house unless there is provided a special room, apart from the kitchen or other rooms, that is kept scrupulously clean, closely screened and well ventilated,—in short a sanitary milk room.

Sometimes the cellar is used, but the location is generally less favorable than above, as light and ventilation are poor as a rule, and unless there is an outside entrance handy from the barn it is very inconvenient to reach.

With these objections in mind, a location in some one of the outbuildings seems to offer more points of advantage. To a few the idea of keeping milk utensils in the barn may at first seem repulsive, but this is done on many farms that have a reputation for first-class dairy products. The advantages of this plan are so many that the farmer who milks only eight or ten cows will find that in the end, it will pay to fit up a good milk room in, or adjoining, the stable, that is if the stable is a good one and permanent. In such a location the milk utensils are always at hand. The skimmed milk is easily handled and can be fed warm to the calves, not over twenty feet away in many barns. The pails can be rinsed out in cold water at least once a day, and all that needs to be taken to the house is the cream and the parts of the separator. In this way the dairywork is concentrated; it can be turned off faster and more efficiently. Thus the disagreeable features that attend the work at the house are avoided, much to the satisfaction of all.

Many ideas can be gained on the construction of the milkroom, by a bit of study and observation. It need not be an expensive affair, but it should be well lighted, frost-proof, ventilated and made so that it may be kept clean. Have it in a corner of the building if convenient so that two windows are possible and a current of air can draw through the room, which need not be over six feet square. To be frost-proof the sheeting should be double with paper between. An economical inside finish is whitewash, which can be applied to rough boards, and if renewed once a month will keep the room clean and free from odors, if the door to the stable is kept closed during the day and air is allowed to circulate through the ventilating windows. A tight floor of ordinary pine will do, though cement is better.

Now these points and suggestions are only a few of the most important ones. There are many details to be worked out, and many little conveniences that can be picked up by observation. A fine way is to build the milk room as a lean-to where splendid ventilation will be assured.

A room such as above described should cost only a few dollars and be within the purse of every farmer. The ideas can be improved upon if a more expensive milk room is desired; however it such a room as we have above described is kept clean and free from odors it will serve its purpose well. Try the separ-

ator at the house and in the meantime pick up ideas and plan for a milk room at the stable as sanitary and convenient as your means will admit.

L. E. Froeger.

DIFFICULT CHURNING.

The following inquiry comes from one of our subscribers at Persia, Iowa:

Will you please inform me through the columns of your paper why we have trouble with our cream in churning? It takes from two to three hours to get butter and after about one hour's churning the butter fat forms into fine particles, which gives it the appearance of being somewhat curdled. Our cows have access to running water, are salted once a week and have an abundance of blue grass and clover pasture. The milk is set in a cold water separator, water and milk mixed.

It is not an uncommon difficulty to have long churnings at this time of the year. Many of the milk cows are being "stripped" and in such milk the fat particles are small and difficult to bring together. It is not unlikely that the manner in which the cream is skimmed will tend to reduce its thickness also. If the cream is too thin a slow churning is sure. With the advent of cool weather the time of ripening must be extended and it is just possible this has not been considered, so that the proper amount of acid has not been formed to cut the film around the fat globules, so that they will unite on contact with each other. No practical improvement could likely be made in the management of the herd so we suggest three remedies that may remove the difficulty.

In skimming do not get any more of the milk than is possible, that the cream may be thicker. Ripen the cream better. If only one churning is done each week, keep each day's skimming separate, then mix all the cream together on the day previous to the one for churning and the ripening will be more uniform. Cream that stands several days in a warm place and gets bitter will come slow also. Try a different temperature of the cream. When about the right amount of acid is present for churning the cream should be what some would call unpleasantly sour; the proper temperature for churning is between 50 and 60 degrees Fahrenheit.

Greer's Duroc Sale.

The initial sale of the Grand Champion Circuit of Duroc Sales in Illinois was that of Messrs. M. W. Greer & Son, of Bushnell, Ill., on Monday, October 22d. Breeders were inclined to wait until later in the circuit before making purchases. Messrs. Manlove Bros., of Bowen, Ill., topped the offering, paying \$500 for Illinois Chief, a son of Tip Top Notcher. This boar was a prize-winner at Illinois State Fair this year in strong competition and will add strength to the good herd of Messrs. Manlove. An average of \$50 was secured on the entire offering. Col. J. C. Keil opened the sale and was assisted by Colonels McGowan and Reppert. A list of animals selling for \$20 or over is given below:

1 Illinois Chief, Manlove Bros., Bowen, Ill.	\$500.00
2 W. L. Persinger, Bushnell, Ill.	66.00
3 Col. Fred. C. B. Allison, Tennessee, Ill.	61.00
4 G. O. Meishner, Walnut, Ill.	52.50
5 W. R. Hainline, Blandinsville, Ill.	72.50
6 Same	68.00
7 A. J. Kissick, Princeton, Ill.	70.00
8 George Long, Bushnell, Ill.	20.00
9 W. T. Moore, Terre Haute, Ill.	47.00
10 R. H. Quick, Fiatt, Ill.	25.00
11 W. T. Moore	26.00
12 Manlove Bros.	27.00
13 R. L. Comer, Carlinville, Ill.	50.00
14 Same	31.00

THE HARVEST THAT NEVER ENDS.

Through fall, winter, spring and summer the harvesting of the "milk crop" continues year in and year out. The ever faithful cow never fails to add a goodly sum to each year's revenue from the farm. Yet how little many do towards making the most of her product. Hundreds of thousands of dollars are lost yearly by cow owners through failure to employ a centrifugal cream separator and thereby secure every particle of cream from the cow's milk. Over 750,000 DE LAVAL users are daily proving that the increased gain in the quantity and quality of the "milk crop" is from \$10 to \$15 per cow each year when the

DE LAVAL CREAM SEPARATOR

is used, to say nothing of the time and labor saved. Isn't it worth your while to investigate such a saving? If you own three or more cows the practice of economy and good business methods in the care of their products demands a DE LAVAL machine. Remember that one will last from fifteen to twenty-five years, and that it can be purchased upon such liberal terms that it will earn its cost and more while you are paying for it. Illustrated catalog and full particulars sent free upon request. Write today.

THE DE LAVAL SEPARATOR CO.

Randolph and Canal Sts.,
CHICAGO

1213 Filbert Street
PHILADELPHIA
9 and 11 Drumm St.
SAN FRANCISCO

General Offices:

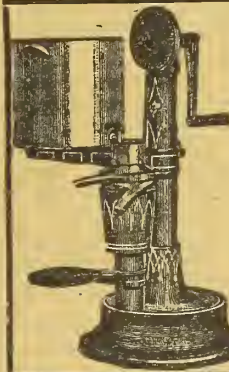
74 CORTLANDT ST.

NEW YORK.

109-113 Youville Square
MONTREAL

75 and 77 York Street
TORONTO

14 and 16 Princess Street
WINNIPEG



THE DAIRY QUEEN

THE CREAM SEPARATOR YOU HAVE BEEN LOOKING FOR

A close skimmer, simple, durable, easy to operate and clean, runs light and has the largest and lowest supply can of any cream separator on the market, really, an ideal separator, filling all the requirements that a farmer can ask for. You have been wanting a simple machine. We sell these machines on their merit, and guarantee them to be first class in every respect. When you buy a cream separator, you can't afford to make a mistake, as you are buying a machine that you use twice every day in the year. You can try a

DAIRY QUEEN

and if it is not as we represent it and satisfactory, it can be returned. Write today for catalog and prices, giving us the number of cows you milk.

BEST CREAM SEPARATOR ON THE MARKET

Address, E. R. Bailey, Clarinda, Iowa, or

DAIRY QUEEN MFG. CO., FLORA, IND.

22 J. I. Baldwin, Ipava, Ill.	25.00
23 J. M. King, Bushnell, Ill.	33.00
24 Henry Miles, Vermont, Ill.	20.00
25 N. G. Castner	32.00
26 F. S. Mason, Industry, Ill.	30.00
27 M. B. Wray, Avon, Ill.	29.00
28 Kingston Bros., Avon, Ill.	36.00
29 Manlove Bros.	27.00
30 N. G. Castner	40.00
31 Same	29.00
32 J. A. Smith, Sciota, Ill.	24.00
33 Wm. Klein, Golden	22.00
34 Robt. Hambleton, Bardolph, Ill.	22.00
35 W. S. West, Hanna City, Ill.	24.00
36 Manlove Bros.	27.00
37 J. D. Runyan, Bushnell, Ill.	20.00
38 N. G. Castner, Bardolph, Ill.	27.50
39 Manlove Bros.	25.00
40 R. L. Comer	21.00
41 W. R. Hainline	25.00
42 N. G. Castner	31.00
43 C. B. Allison	22.00

ONE WAY SETTLERS' RATES.

To points in Nebraska, eastern Colorado,

Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. P. & T. A., Minne-

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer C. T. A. 514 Walnut St., Des Moines, Iowa.

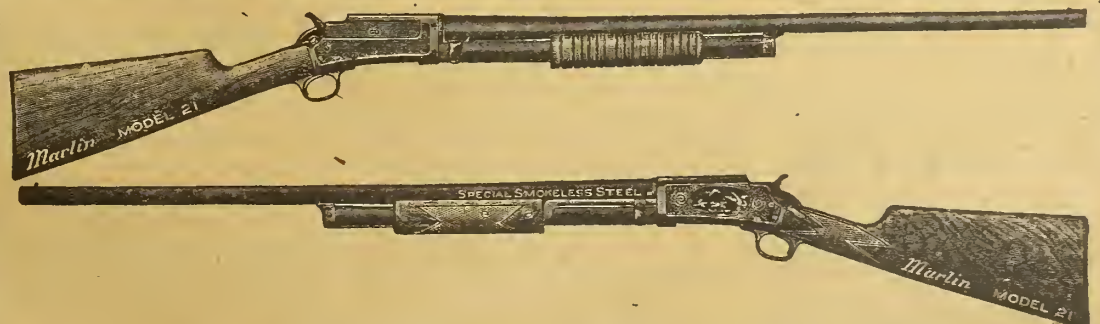
Better Than Ever

No matter what separator you are now using—No matter what separator you are thinking of buying—No matter how you now handle your milk—you ought to examine the

Improved Frictionless

EMPIRE Cream Separator

It won't take you long to see its good points—and it's worth a whole lot to you in good hard money to find the separator that turns easier, is more simple in construction and does better work than any other. All we ask is that you investigate. Send today for catalog and valuable dairy book. Empire Cream Separator Co., Bloomfield, N. J.—Chicago, Ill.



The two rifles illustrated above, Model 21, grade A, and Model 21, grade B, appear in the new catalog of the Marlin Fire Arms Company, of New Haven, Conn. The first one fires six shots with one loading and weighs from six and three-quarters to seven and a quarter pounds. The second one also fires six shots and weighs from six and seven-eighths to seven and a quarter pounds. The prices are \$22.25 and \$38.50, respectively. This company is offering an exceedingly fancy line of fire arms and the prices are right down to the bottom. No father can spring a more happy surprise on his boy than to present him with a Marlin closest margin. Write for catalog so as to secure full description of the fire arms manufactured by this company and compare prices with your local dealer. You will find that you can do much better by dealing directly with the factory instead of with middlemen. The advertisement of this company is found on page 15. For catalog and all other information address the Marlin Fire Arms Company, New Haven, Conn. Please mention The Homestead when writing.

I CURE CANCER

MY MILD COMBINATION TREATMENT IS
NOT A NEW REMEDY.

It has the experience of years back of it and has cured hundreds of cases where the hand of death seemed to forever have closed upon them. Endorsed by physicians, ministers, bankers, business men and others.



Treatment Not Painful

There is no necessity for the patient enduring the intense pain caused by applications of caustics, burning plasters, fiery poultices, etc. Scores of the most advanced cases of cancer have been cured by my Mild Combination Treatment entirely without pain.

BEWARE OF THE KNIFE

No case of Cancer was ever cured by a knife operation. The patient suffers untold agony and shortly finds himself in worse condition than ever. I cure cancer by a combination treatment. Local treatment destroys the deadly cancerous growth; constitutional treatment drives the disease out of the system, thus preventing its return.

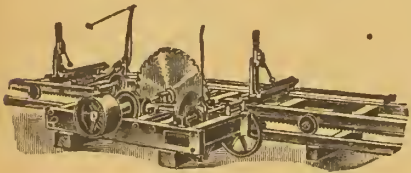
Names of a Few of the Many I have Cured
Mrs. Anna E. Guffy, Arcadia, Kans., Cancer of Breast.
Mrs. Frances Downey, Slidell, La., Cancer of Jaw for 14 years.
Mrs. A. E. Foyt, Rosebud, Texas, Cancer of the Womb after operation failed.
Mrs. D. E. Stone, Harper, S. C., Cancer of Lip after operation failed.
Mrs. J. W. Groshong, Wright City, Mo., Large Cancer in the Forehead.
Mr. N. J. Bell, Newburg, W. Va., R. No. 2, Box 11.
Mr. Peter L. Rice, 1235 14th St., Des Moines, Iowa, Cancer of Stomach.

FREE BOOK—CANCER AND ITS CURE

I send this large book to sufferers free of charge. Tells how and why my treatment cures. If you cannot come to my office for treatment I can cure you at home. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—do not give up hope but write at once.

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American Saw Mill Machinery.



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Engines, Air Cooled
Gasoline Engines, Sepa-
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We Repair Machinery of all Kinds.

CEDAR RAPIDS MACHINERY & SUPPLY CO.,
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CANCER, TUMOR, ULCER,

SORES and all Skin Diseases successfully treated by The McLaughlin Painless remedy. Most cases get well after One Application of the medicine on the disease for one Hour without PAIN, then go about your work. No matter how bad or long standing your case, you should go at once and take this treatment, the most wonderful medicine known in the World for Cancer & Tumors. Abundant proof and advice free. Dr. J. C. McLaughlin, 351 Junction Bldg., Kansas City, Mo.

CORN-HUSKERS

Don't have sore thumbs and fingers and
Don't bother with making stalls. Use our

ALWAYS READY TAPE

and be happy. Always in place, comfortable and wears well. A 50-cent roll will do one man a season. Write, today enclosing 50c. for a roll of Always Ready Tape sent postpaid to any place in the U. S. or Canada. Address

THE ALBERT NOVELTY CO., Mason City, Ill.

FREE TUITION

Ten weeks to the first student to enter the Southern Minnesota Normal College from any post-office, \$1 a week to all others. Board \$1.75, room rent, 50c per week. Study Teacher's, Normal, Business, Shorthand, Law, Music, Art and Common School Branches. Enter at any time. Backward students receive special attention. Don't decide where to go to school until you see our catalog. Address
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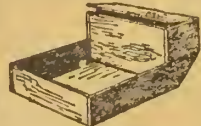
FOR SALE—Several typewriters as good as new. Bargains for those who come first. Address,
Gilmore Co., 303 Locust St., Des Moines, Ia.

INVENT "HOW AND WHAT TO INVENT" and "HOW TO OBTAIN PATENTS" explained FREE. CHESTER W. BROWN, Patent Atty., 906 F St., Washington, D. C.

PATENTS
ORWIG & LANE,
DES MOINES, IA. Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

Mr. Abraham Rank, of Minnesota, writes "Being interested in your hints and devices department I thought to render some assistance.



To all your readers who are interested in feeding horses, and especially those who have horses that are inclined to bolt their feed, let me suggest a trough constructed on the plan of a self feeder. I had a horse that was a very bad bolter and I had devised a trough like the one I herewith enclose, since which time I have had little trouble with him. The feed is placed in the hopper and is fed down in such a manner that the worst bolter can't bolt his feed."

Mr. Henry Brown, of Cass county, Iowa, writes "I was fortunate enough to obtain from the railroad a piece of railroad iron about four feet long for use as an anvil. For several years it rested on the floor of the work shop and whenever it was used I would stoop down and pound various pieces of iron into shape. As I grew older I experienced a difficulty in stooping down to work with the anvil and I devised a bench for it as shown in the enclosed sketch. One end of the piece of iron is allowed to project further from the frame than the other so as to give room to work over the end as will sometimes be necessary. The illustration is the best description of how it is constructed."



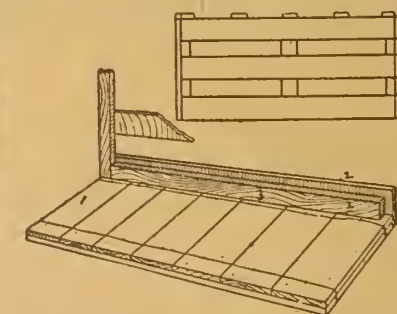
Mr. J. B. Schenk, of Kansas, writes: "I send you a sketch of a sewing horse to be used in repairing harness. To make one first construct a bench about four feet long using 2x4's for the body and 1x4's for the legs. The clamps should be made of oak with a cleat across the top for holding the leather piece in place. To this clamp is attached a small frame projecting out at right angles and the device for holding the clamp shut and opening it consists simply of a piece of broken buggy top hinge. By bending the hinge at the joint the clamp opens and when made rigid again the clamp closes. For operating this device a common stirrup will be found helpful."

Souser Bros., of Iowa, sends us a sketch of a metal pig trough describing it as follows: "A tinner can make a trough like the one we describe and it will be found better than wooden troughs. It is made of an iron frame



and No. 24 galvanized iron. Our troughs are made twenty inches long, ten inches wide and six inches deep. The end frames are made of old wagon tire and the sides of three-eighths inch round iron. We have not only found them better than wood but we have found them to be cheaper. No more wood troughs for us."

Mr. Victor Wiley, of Illinois, writes: "I notice in an issue of your paper a few weeks ago a party asks for a



plan for making a hog crate that will hold a thousand-pound hog. I think I can give the information since I have had a great deal of experience making

Make a Fire-Test Before You Buy

To prove our claims for the fire-resisting properties of Rex Flintkote Roofing, we will mail you on request a sample to test. Lay a red-hot coal on it and see what happens—or rather, see what doesn't happen. The coal dies out, but the roofing doesn't burn. Not only does this roofing successfully resist fire, but it makes an absolutely damp-proof roof, and will wear after other roofs are gone and forgotten. We are not trying experiments. Our firm has been in business since 1837.

Rex Flintkote Roofing affords more kinds of protection to your buildings and their contents than any other roofing. Everything needed in laying comes in the roll. Any laborer can lay it.

Send for Free Sample, nearest dealer's name and booklet on roofing. We make a special red paint for those who want a red Flintkote roof. Enclose with your letter 4c. in stamps and we will send a 32-page book—"Making Poultry Pay."

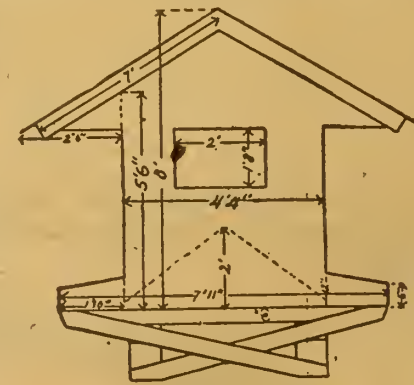
J. A. & W. BIRD & CO.
86 India St., Boston, Mass.
Chicago Office:
222 Lake St.

Rex Flintkote ROOFING

**FARM BUILDINGS
J. L. LAMBERT
OREGON.
COVERED WITH
REX FLINTKOTE ROOFING**

such crates. Take two 1x10 boards eight feet long and nail 1x12 boards crosswise as shown in the bottom of the crate in the illustration, the short boards to be three feet long. For sides use 1x8 eight feet long and there should be three of them. The crate should be forty inches high. At the bottom of the crate it will be better to reinforce the sides by the addition of a piece of 2x4 that comes out to the corner post. A wire should be stapled to the bottom next to sills and passed around underneath the floor. A crate made in this manner will be strong enough to hold a bull."

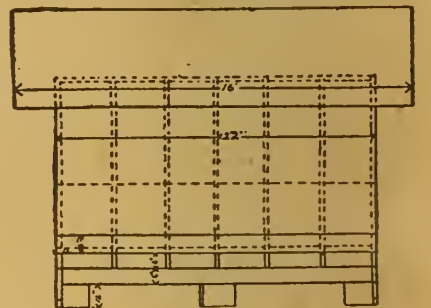
Mr. Mark E. Rankin, of Madison county, Indiana, writes: "I have heard a great deal of the self-feeder in feeding cattle and I would like to have you give me such information through the hints and devices department as you can conveniently, and perhaps it will interest other of your readers." The plan of a self-feeder will depend largely on the character of the feed to be fed to fattening cattle. In the corn belt, and in fact wherever beef cattle are fed for market in the United States, corn in some form is the principal ration used. Corn has been successfully fed to cattle in broken ears, snapped, shelled, crushed, corn and cob meal and corn meal. It will, therefore be necessary to make some minor alterations in the construction of a self feeder to make it "give down" when the various feeds are employed. In making the self feeder it will be necessary to make it of sufficient size for the number to be served and of sufficient storage capacity to last for several days. The follow-



SECTIONAL END VIEW.

ing are the directions for building a self-feeder as given by Professor Mumford: By referring to the sketch it will be seen that the outside dimensions of the box for storage of feed are twelve feet, two inches long, five feet six inches high and four feet four inches broad. This box or storage bin has a capacity of approximately one hundred and eighty bushels. The detailed drawing or sketch will show the construction of the hopper bottom, feed troughs, roof, door, etc. The drawing does not correctly illustrate that the hopper bottom of the storage bin lacks four inches of coming out flush with the wall of the bin and that the opening left for feed to feed out of hopper into feed troughs is two and one half inches wide. This width of the opening and pitch of the bottom of bin should vary with the

kind of feed to be used, that is, if broken corn is used a much wider opening will be required; if shelled corn, a narrower one. The opening left in this case was for feeding meal. Six-inch flooring was used for the sides and floor. A shingle roof is, of course, unnecessary, but was used in this case, the shingles being laid four inches to the weather. The following is a bill of materials necessary to build the feeder as illustrated. Seventeen pieces 2x4, 6 feet; 6 pieces 2x6, 16 feet; 1 piece 2x6, 8 feet; 24 pieces 1x4, 16 feet; 2 pieces 6x6, 12 feet; 30 pieces 1x6, 12 feet; 1 piece 6x8, 18 feet; 1,700 shingles. Nails, paint and



SECTIONAL SIDE VIEW.

labor, together with the materials itemized make this feeder cost from \$30 to \$35, depending upon the grade and price of materials used.

TERRIBLE SCALY ECZEMA.

**Eruptions Appeared on Chest, and Face
and Neck Were All Broken Out
—Cured by Cuticura.**

"I had an eruption appear on my chest and body and extend upwards and downwards, so that my neck and face were all broken out; also my arms and the lower limbs as far as the knees. I at first thought it was prickly heat. But soon scales or crusts formed where the breaking out was. Instead of going to a physician, I purchased a complete treatment of the Cuticura Remedies, in which I had great faith, and all was satisfactory. A year or two later the eruption appeared again, only a little lower; but before it had time to spread I procured another supply of the Cuticura Remedies, and continued their use until the cure was complete. It is now five years since the last attack, and have not seen any signs of a return. I have more faith in Cuticura Remedies for skin diseases than anything I know of. Emma E. Wilson, Lisco, Iowa, October 1, 1905."

KANSAS CITY ONE FARE PLUS \$2.00 ROUND TRIP.

On November 18th to 21st The Chicago Great Western Railway will sell round trip tickets to Kansas City and return at rate of one fare plus two dollars. Three trains every day and best of everything. For further information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseecker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

Kendall's



Spavin Cure

Great Horse Remedy.

The legs and feet need watching and care. Ready for treating the common ailments saves many a valuable animal. Begin in time and Kendall's Spavin Cure is a positive, permanent cure for 99% of all cases of Spavin, Ringbone, Splint, Curb or Lameness. Keep it on the shelf.

USED FOR YEARS.
Northumberland, Pa., Dec. 19, 1904.
Dr. B. J. Kendall Co., Enosburg Falls, Vt.
Gentlemen:—Please send me a copy of your "Treatise on the Horse and his Diseases." I have been a user of your Kendall's Spavin Cure for years and recommend it for man or beast wherever I have an opportunity. I have great confidence in its use; have cured three different cases where a horse doctor failed.
H. J. STANNERT.

Price \$1; 6 for \$5. Greatest liniment known for family use. All druggists sell it. Accept no substitute. The great book, "A Treatise on the Horse," free from druggists or Dr. B. J. KENDALL CO., Enosburg Falls, Vt.

30 DAYS FREE TRIAL OLD HICKORY BUGGIES

We sell these splendid buggies direct to you, at lowest factory price. Saves you one-half.

GUARANTEED 2 YEARS

"Old Hickory" buggies have quality, have style, have finish, and that lasting quality that no other buggy can equal. You will be surprised at the low factory prices. Write for Catalog today.



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FISTULA, POLL EVIL,

and all blemishes on horses cured with

Hamer's Sure Cure.

Removes Lumps of all kinds on either cattle or horses. Cures Ringbone, Spavin, Sweeney, Thoroughpin, Wire Cuts, Curb, Warts, Splints, Collar Boils, Saddle Sores, Sprains or Swellings, Distemper and Lump Jaw.

Guarantee—No Cure No Pay.
Sold by dealers. By mail or express \$1.00.
HAMER'S SURE CURE CO., VERMONT, ILLINOIS.

SHOE BOILS

Are Hard to Cure, yet

ABSORBINE

will remove them and leave no blemish. Does not blister or remove the hair. Cures any puff or swelling. Horse can be worked. \$2.00 per bottle, delivered. Book 6-C Free.

ABSORBINE, JR. for mankind, \$1.00 per bottle. Cures Boils, Bruises, Old Sores, Swellings, Varicose Veins, Varicocoele, Hydrocele. Ailays Pain

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HOG CHOLERA

CURED and prevented, worms run out and hogs made healthy and thrifty in a few days at a small expense. Write for book of reliable information on care and treatment of hogs. Also reports of public tests. Address,

Dr. J. H. Snoddy Remedy Co.,
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BOWSER SWEEP MILLS

Different from all others. 4 or 2 horses. Geared 16 to 1 or 7 to 1. Grind Corn with shucks or without. And all small grains including Oats and Wheat. (Also make 7 sizes belt mills.)

E. N. P. Bowser Co., South Bend, Ind.

Your Wife or Daughter

Can drive your most fractious horse if he wears a Beery Bit. Horse is under perfect control at all times. Can be used on gentlest colt or runaway kickers with equal satisfaction. 10 days free trial. Prof. J. A. Beery, Pleasant Hill, O.

KEEP YOUR CLOTHES ON

A PINLESS clothes-line that has steel springs attached for holding clothes. Just new and not sold by dealers. Sample lines 50c., prepaid.

R. E. MILLER, Iowa City, Iowa

A. S. ALEXANDER, V. S.

MADISON, WIS.,
Veterinary Editor The Homestead.
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

CHOLERINE

Not only prevents, but will cure hog and chicken cholera, roupe, lice, mites, etc. Sold on a positive guarantee. Money returned if not satisfactory. Per box by mail \$1. Agents wanted. Cholerine Co., 301 Junction Bldg., Kansas City, Mo.

LADIES to work on piecework \$3 per dozen. All materials furnished; no canvassing; steady work. Stamped envelopes. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

WARTS ON NOSE.

Please tell me how to remove warts from a horse. I have a five-year-old iron gray mare that has warts on her nose. They seem to be seed warts.

Simply rub the warts and surrounding skin once or twice daily with castor oil or goose grease, and they will in time disappear.

WORMS.

I have a mare that is bothered with worms. I have failed so far to destroy them. What would you advise me to do?

If mare is in foal, medicine cannot safely be given for the destruction of worms. Otherwise, we would treat by administering two ounces of turpentine in a pint of raw linseed oil after fasting her for eighteen hours, and repeat this dose at end of ten days unless bowels at that time happen to be too open. After the oil has acted, mix in feed night and morning for one week a dram of dried sulphate of iron and two drams of powdered gentian root. Then skip ten days and repeat.

INJURED HOCK.

I have a three-year-old black horse that was cut on the barb wire two months ago. The wound was on the inside of the hock joint and was cut clear to the bone. Some joint water escaped, but was checked. No cords seemed to be cut. The wound healed nicely and the horse eats well, but the joint became swollen and tumors appeared on the opposite side of the leg, and blood and matter substance escapes when they are opened. The horse does not try to use this leg. I have used slacked lime, alum and carbolic acid. What can I do to reduce the swelling?


Clip hair from joint and wash thoroughly with a 2-per-cent solution of coal tar disinfectant. When a soft place opens or is cut open, syringe into it twice daily a little of an emulsion of one dram of iodoform in an ounce of sulphuric ether. As soon as healing takes place, blister the joint repeatedly with cerate of cantharides, two ounces; biniodid of mercury, one dram; mix.

CANKER.

Last spring my drove of seventy young pigs commenced, when a few weeks old, to have sore mouths and sore legs. Twenty-nine of them died. They seemed all right until July; then they commenced to die with what was supposed to be cholera, as it was prevalent in the neighborhood. I have only seven left now. My young brood sows since farrowing this fall with their first litters are losing their pigs by their mouths and legs getting sore. The sows are healthy and did not have any cholera, and there have been no cholera hogs in the pasture they stay in. I have kept their pens disinfected and clean. What is the matter with my pigs and would you advise me to keep these brood sows for breeding again?

By all means keep the sows, as this trouble is not to be blamed to them. It apparently is canker of the mouth and nose, and pigs affected are possibly rickety. In the latter case, there would of course be some likelihood that weak parents transmitted the tendency to the trouble. Stop feeding corn to breeding hogs and growing pigs. Feed nitrogenous foods, including combinations of such foods as milk, middlings, tankage, flaxseed meal, and add roots, alfalfa, rape, grass, clover, etc., allowing whenever convenient as much range as possible. Make it a practice to mix lime water freely with the feed and drink two or three times a week. At present, give it daily to all pigs. For the canker, souse the heads of affected pigs over and over

Ring-Bone



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Fleming's Spavin and Ringbone Paste

to remove the lameness and make the horse go sound. Money refunded if it ever fails. Easy to use and one to three 45-minute applications cure. Works just as well on Sidebone and Bone Spavin. Before ordering or buying any kind of a remedy for any kind of a blemish, write for a free copy of

Fleming's Vest-Pocket Veterinary Adviser

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again once daily in a warm solution of an ounce of permanganate of potash in a gallon of water, and in bad cases use a double strength solution of the same medicine. Ulcers should be scraped thoroughly before the first treatment. It will be necessary to clean up, disinfect and white-wash the pens and make it a practice after this to nip off the small sharp teeth found in pigs' mouth at birth, as the lacerations they cause induce the disease.

FISTULA.

What can I do for a fistula? I have a bay mare weighing 1,500 pounds which has a fistula. Our veterinarian opened and drained it and gave medicine to syringe it out with every day. The mare's withers are swollen some yet. Is there not some medicine I can put in the top opening and turn the mare out in the pasture? The swelling was opened four weeks ago and there was no pipe.

You will find this a very difficult case to handle, as the opening is on top and the mare is restless. It will be necessary to more thoroughly open the abscesses to the bottom of each pocket and pipe, after which the cavities should be flushed out once daily with a large quantity of hot 2-per-cent solution of coal tar disinfectant or permanganate of potash and then packed with oakum saturated in a mixture of equal parts turpentine and raw linseed oil. As the wounds heal, remove hair and blister enlargement every two weeks, using cerate of cantharides. Medicine used as you suggest will do no good.

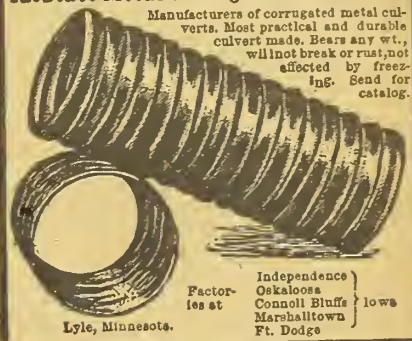
URTICARIA.

I have a dappled gray mare ten years old that has been doing well all summer until one morning when I got her in I noticed she had a lump on each side of her nose about the size of a small hen egg and later on, lumps formed in different places all over her about the size of an egg or larger and her head got a third larger than usual, swelling on each side of nostrils from her eyes to the end of her nose. The swelling in her head has gone down some and the lumps on her body have disappeared. Her right front foot around the top of hoof is swollen and discharging pus. It seems as though her hoof will come off. I cannot find anything in it. I have had three different veterinarians examine her and none of them know anything to do for her. I had her teeth dressed. Please advise me if you can.

The mare had an attack of urticaria (nettlerash), which is akin to "hives" of children, and generally caused by some derangement of the digestive organs induced by change of food. A physic of aloes or a course of glauber salts soon does away with the trouble, the enlargements being treated locally by sponging with a solution of one ounce of hyposulphite in a quart of water. Give her half an ounce of hyposulphite of soda in water or mash twice daily. The swelling and discharge from foot are not apparently associated with the other condition and should be treated as a case of quittor, after determining direction of sinus from which pus discharges. Remove hair from coronet; soak foot in a hot solution of coal tar disinfectant; scrape out sin-

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MAKES CORN PICKING A PLEASURE

BECAUSE its use renders the hands soft, yet firm. It prevents blisters, cracks, sores, swellings, stiffness and roughness. If your dealer hasn't it, send 50c and get the kind that "makes husking easy" (prepaid).

JOEL CAGWIN,
Ames, Iowa.

us; inject a saturated solution of corrosive sublimate, then poultice for a week with hot flaxseed meal, at end of which time inject again and blister well with cerate of cantharides. Alternate these treatments until discharge ceases. This treatment is prescribed on the basis that quittor is present.

WINTER VISITORS. WEEK END RATES.
Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO, GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneida and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

DAY BY DAY

Agricola

"He that by the plow would thrive, himself must either hold or drive," said Ben Franklin, the all-round philosopher. And this was before the labor of our country had been unionized. Farm labor is not now unionized, but Franklin evidently used a farm application to teach a general truth.

Brought down to the latter day application, we must say, "Vicarious farming does not mean much net cash." Let us pray that it never will.

We hear that up on parallel 43 where the merchants, preachers, doctors, storekeepers, office holders, bankers, lawyers, etc., went into growing sugar beets by proxy that wisdom has come to them by their experience.

And as another illustration, look at localities where the owners work their own farms and compare the thrift with farms worked by tenants.

Farming differs from all other professions. It is the workshop, the office and the home. Reducing it to merely a business transaction and eliminating the home element emasculates it of its choicest property.

But why do the boys leave the farm? Because the world needs the farm boy and needs him badly. The city could no more live without the farm blood and brain and brawn than it could without the farm beef and bread and butter. It is a sad day and a proud day when the boy leaves the farm home to wrestle with the activities of the business and industrial world.

Power on the farm is an important matter, and growing more so every day. The factory competes with the farm for labor, and even the farm boys are drawn away. Machinery is necessary, and power to run it.

Ten years ago the improved tread power made itself a place on many farms where the old-fashioned tread power would not be tolerated.

With the old-fashioned tread power, when a belt came off or any similar mishap occurred, the power would "run away with the horse" unless someone was on hand to put on the brake, but the improved power has an automatic regulator and is therefore safe.

But the gasoline engine is superseding the tread power. It is another step up the scale. First human muscle, then animal power, then "natural" or chemical power.

The electric power is, however, far ahead of the gasoline engine, where it can be had, and the trolley roads are invading the farming communities and selling power to farmers along the line. But since not all farmers can avail themselves of electric power, and since gasoline is a little dangerous and becoming high in price, they are looking forward and extending the glad hand to denatured alcohol.

I find that a really good husker cribs about seventy-five bushels of corn a day this fall. This speaks volumes for the kind of corn 1906 gives us. But, by

More Thrift—More Profit.

WE guarantee that Standard Stock Food will put and keep every animal on your place in a vigorous, healthy, thrifty condition at less cost to you than will any other means you could possibly employ.

We sell Standard Stock Food to you on that square-deal guaranty.

The modern domestic animal kept on high feed needs a little help from day to day—not medicine or dope or physic, but something to give variety to the ration and to make it taste better.

The animal needs something of this kind, a condiment, a flavoring, a seasoning, just as you need salt and pepper, mustard and horse radish and various kinds of flavors and seasonings to help you digest your food.

Standard Stock Food makes the ration taste better so that the animal eats it with a greater relish.

The very smell of it makes the animal's "mouth water"—that is, it stimulates the flow of saliva and other fluids which perform the work of digestion so that the animal digests its feed more quickly, more easily and more thoroughly.

Hence it makes the feed you feed go farther because less of it passes through the animal undigested.

Its tonic properties quicken the circulation, aid assimilation and put the entire system in that prime condition which makes for finer finish and bigger profits.

We say Standard Stock Food does this better than any other stock food because it is made of purer, better ingredients, more scientifically compounded.



STANDARD STOCK FOOD
"IT MAKES STOCK THRIVE"

As to its quality, you don't even have to try it to be convinced. If your dealer will open packages of various stock foods and let you compare them, you will find that the Standard looks better, smells better, tastes better and is better than any of them. It is stronger, richer and more concentrated.

That's why you need feed so little

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of it and that's why it costs you less per animal per month than any other stock food made.

Do not be misled by a low price per pound. Examine the directions for feeding on various packages and you can see for yourself that a dollar's worth of Standard Stock Food will last longer and go farther than any other. It is the most economical stock food made.

Our Square-Deal, Money-Back Guaranty.

You buy Standard Stock Food on a money-back guarantee. If it does not do exactly what we say it will do, you get your money back. You know the editor of this paper would not print this advertisement if he did not know that we will do exactly what we agree to do.

Go to Your Dealer

and ask him to supply you; if he cannot, do not take a substitute but send to us direct. We will ship immediately and protect you with our square-deal, money-back guaranty.

Free to You.

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

STANDARD STOCK FOOD CO.,
— OMAHA, NEBRASKA.

the way, it is not the work-by-the-month hand who is cribbing seventy-five bushels per day, but the one husking by the bushel. Three cents a bushel is the ruling price.

I never could see that the color of the corn makes any difference in the yield or in the feeding value, although many have that opinion. But they do not agree as to the relative value, some championing white and some yellow, with here and there a man singing the praise of the red corn. For myself I like yellow corn and white pigs, and find that the two go together nicely, but still it is clearly only a matter of personal taste.

Some writer says that the present tendency is towards the small farm, the eighty-acre farm or the forty-acre farm. I have not noticed it, but it seems to accord with present conditions in one respect. The high price of land makes it impossible for the young man without capital to become the owner of a large farm of his own, and for capitalists to own the soil and the young man be forced to be a hired man or a renter for life is not to be desired from any standpoint.

One thing in favor of the large farm is that enough work is done to warrant investing in machinery. This is

becoming suitable to the small farm. Machinery is cheaper than hired help, and the wife is freed from running a hotel or boarding house for hired men.

Take this for illustration: A small farmer who cuts up all his corn with a corn binder, hauls the shocks up in the fall and tosses the bundles on the self-feed table of a husker which blows the fodder into the barn and delivers the ears into the crib on the other side has the thing down about right. The gasoline engine does all the hard work, and does it better, as the fodder is saved, and the one man who runs the small farm can do the whole work himself, if he must.

When the world's fair was held in Chicago in 1894 the butter in the breed contest made from Guernseys was scored down on account of being too yellow, yet it was the natural color. Later the fashion has called for still paler butter, and ordinary Jersey butter has been too highly colored to suit the fastidious demand. But now it is November, and the butter is paler and Jersey butter is all right, and the butter from "common cows" has to be artificially colored to make it acceptable.

I notice that more of the younger generation of farmers are accepting the teachings of Professor Holden regarding corn than of the older agriculturists. The latter have found out by their own experience what has produced best results, and they cling to that which is good. There is a reason for this, and there is reason for the younger farmers to try what the cornologists teach.

One of the things which the younger farmers did this year was not strictly according to Holden, but incidental to it. He taught to select ears with one size and form of kernel, keeping them separated from all other forms, shelling them separately and planting them separately, so the planter would do more uniform work.

The juniors jumped to a conclusion. They bought seed corn graders, shelled their seed corn together and separated it with the grader. Young America likes machinery. The grader made the different grades of kernels, sorted them into grades, rather, and the result was gratifying.

Those who tried the Holden method of saving seed corn, hanging it up with

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binding twine in strings, will adopt that method hereafter. It is easier than they imagined, and the results are all right.

Hayes Makes Successful Sale.

The public sale of Short-horn cattle held at Hampton, Neb., by Mr. E. J. Hayes was one of the most successful yet held this season. The sale was well advertised and a large crowd of farmers and breeders were in attendance. The top price was \$230, paid by Mr. Anton Tunberg, of Hooper, Neb., for No. 9 in catalog, a Rose of Sharon cow with fine bull calf at foot by Starlight Oederle. Following is a list of sales over \$100:

Lot.	Name	Price.
1.	Starlight Oederle, Carl Deltsch, Shelby, Neb.	\$205.00
2.	Star Queen, Henry Junge, Benedict, Neb.	102.50
4.	Red Victor 2d, Orville Jones, York, Neb.	130.00
5.	Anna Orange 2d, Anton Tunberg, Hooper, Neb.	212.50
6.	2d Seraphina of Hebron, same, Neb.	160.00
7.	Brawith Bud 2d, Pat Hays, Bradshaw, Neb.	225.00
8.	Scottish Prince, W. M. McLemore, Kearney, Neb.	116.00
9.	Glendale Rose, Anton Tunberg, Neb.	230.00
13.	Tullip, S. C. Beaver, Ulysses, Neb.	100.00
14.	Lucy's Maid, W. A. Woodard, Hampton, Neb.	145.00
15.	Ella, J. E. Hookham, Bradshaw, Neb.	100.00
17.	Lily Abbottsburn, Herman Feuster, Hampton, Neb.	135.00
19.	Miss Cupbearer 2d, C. McCarthy, Henderson, Neb.	200.00
21.	Golden Gem, Mat Archer, Aurora, Neb.	160.00
22.	Glendale Beauty, S. C. Beaver, Neb.	192.50
26.	Miss Byron 2d, C. E. Tracey, York, Neb.	102.50
29.	Loretta, G. A. Sykes, Hampton, Neb.	107.50
30.	Red Monarch, Anton Tunberg, Neb.	102.50
31.	Molly, H. P. Madsen, Hampton, Neb.	140.00
32.	Village Rose, Henry Junge, Neb.	125.00
35.	Baron Oederle, John Martin, Hampton, Neb.	101.00
36.	Peri of Hebron, E. H. Henrixson, Hampton, Neb.	155.00
39.	Baron Rosen, Wm. Mueller, Bradshaw, Neb.	132.50
40.	Victor Dudding, W. M. McLemore, Hampton, Neb.	100.00

The average on the entire offering was \$120.

USED TEN YEARS—IT CURES.

Laurel, Md., Feb. 15, 1906.
Dr. J. B. Kendall Co.,
Enosburg Falls, Vt.
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Samuel Brown.

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Made of purest rubber and best sole leather—sewed not pegged—absolutely water-tight and snag-proof—can be resoled—your money back if they do not outwear two pairs of the best quality rubber boots of other makes.

If you work in the wet, you want a boot that will keep your feet perfectly dry—and at the same time not to go to pieces in a few weeks time. Well, here it is:

The Rubberhide Boot

Made of the purest rubber, with heavy leather outsole, and leather innersole, with a rubber welt and middle sole, all joined together (without pegs or nails), and joined to the upper so securely, that a team of horses can't pull them apart.

And not a drop of water can find its way in. The heavy leather sole does not cut or snag when you step on a nail or a sharp stick. It protects your feet from stones and rough surfaces.

It conforms to the shape of your foot, and it can be easily resoled—any cobbler can "tap" or half-sole the Rubberhide. The uppers are so good that they will outwear two or three pairs of soles.

The inner sole of leather prevents excessive perspiration which makes the ordinary rubber boots such a nuisance.

The Rubberhide is the only absolutely water-tight boot made;

It will last longer than two or three pairs of rubber boots;

It will keep your feet comfortable all the time.

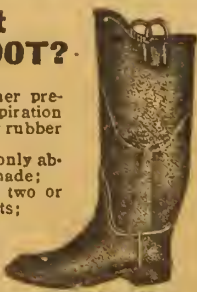
Will You Try a Pair?

Outwears Two Pairs

If your dealer handles the Rubberhide he will sell them to you on a positive guaranty that they will outwear two pairs of even best quality rubber boots of other makes. If they do not, he will refund every cent you paid for them. If he does not, send to us direct (giving dealer's name) and we will send you a pair with the same money-back guaranty. We pay the express charges.

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612 Essex Building, Boston, Mass.





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HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Growing Sugar Beets.

To the Editor of The Homestead:

The sugar beet is only a variety of the sea-shore plant, Beta Maritima, which by careful breeding and selection has been developed along three directions; namely, to give us the many different sorts of mangels, the edible beet of our gardens and the sugar beet. In the appearance and habit, the sugar beet differs but little from the mangel; it is white-fleshed and has more of the shape of the Long Red than of the Globe mangels, but it is smaller, grows more deeply in the ground, with but little of the bulb exposed and develops much more fiber on the bulb and root proper than does the mangel. But the main difference between sugar beet and mangel lies in their composition.

A process of selecting sugar beets for seeds, on the basis of their richness in sugar, has been cautiously going on, until at the present time they contain 20 per cent or more of dry matter and 18 per cent of sugar, while the mangel only contains about 12 per cent of dry matter and 8 per cent of sugar. In growing sug-

ar beets for the manufacture of sugar the composition of the roots is all important. The extraction processes are only economical when the roots contain a high proportion of sugar, and that as free as possible from the non-crystallizable sugars and other soluble bodies. In consequence, most sugar beet factories, not only pay for their roots on a scale varying with the proportion of sugar they contain, but will entirely reject consignments of roots which fall below a certain standard. The necessity of maintaining a high proportion of sugar and of purity means a certain restriction of yield. Heavy crops of big roots, grown by the use of large quantities of manure, mean roots that are deficient in purity. Sugar beets can be grown wherever mangels are found, but on the whole they are more suited to higher and warmer soils than the mangel prefers, dry and warm fall conditions being particularly desirable to ripen the roots off.

Strong, well-worked soils give the best returns and peaty soils the poorest. It is necessary that there should be some lime in the soil. In rotation farming, sugar beets should take the same rotation as mangels, and the preparation of the land does not differ markedly from that of mangels. It is, however, desirable to attain a deeper and mellowed tilth, since so much of the value of this crop depends upon its quality. It is very necessary for sugar making to obtain shapely roots. Heavy dressings of farmyard manure are not recommended, because they injure the quality of the sugar beet. Nitrogenous manures are necessary, but should be used in smaller quantities than with mangels. Valuable as salt is for mangels, it should not be used for sugar beets. Nitrate of soda, again, is not so suitable a manure as sulphate of ammonia, though it produces a larger yield. The nitrate of soda encourages a more deeply rooting habit, and in consequence a more prolonged and slowly ripening growth.

The seed should be drilled at the rate of twenty to thirty pounds per acre, the rows never being more than sixteen inches apart; indeed, for producing high-grade roots, the best distance between the rows is about twelve inches. The plants should be finally singled to one

GRAIN Freeman Bros. & Co., HAY

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Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

in every nine inches. The richer the land, the closer the plants may be left when singling. The hoeing is that of the mangel crop. When the outer leaves begin to get yellow and flaccid, the crop is ready to lift, which is by no means as easy an operation as lifting the mangel crop, so closely do the fine fibers of the root cling to the ground. On soils of ordinary consistency it is impossible to pull the crop; it is necessary to lift the roots with a fork, an operation which adds seriously to the expense of growing sugar beets as compared with mangels. In the case of sugar beets intended for the factory, the crown of leaves has to be twisted off or the leaves and a very little of the top cut off and the adhering dirt roughly removed from the roots.

The sugar-beet leaves do not form a very satisfactory food for stock and are apt to induce scours. They are best plowed in. The slices from which the sugar has been extracted in the factory, if returned to the farmer producing the roots, form a good succulent food for the winter feeding of cattle. The average yield that may be expected is not heavy, the average being not more than fifteen tons to the acre. The average yield in Germany even where intensive cultivation is practiced, is only twelve tons per acre. Larger yields are only to be obtained by spacing the plants more widely and by increased manuring, with the inevitable result of an inferior quality of root for sugar making. In the absence of factories in which the sugar-beet crop can be sold, the roots can be stored like mangels to be used in the same way as feed for stock. For this purpose it should be remembered that they possess, roughly, twice the feeding value of an equal weight of mangels.

They can be used for food at an earlier date than mangels, because they have, as a rule, attained a higher degree of maturity when they are harvested. In feeding they may be used as succulent food for young horned stock, fattening beasts

Clover NEW CROP
IOWA GROWN
Recleaned Seed.
Ask for prices if you wish to buy now. No matter whether you want to buy or sell it will pay you to write us.

IOWA SEED CO.,
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WANTED--A BRIGHT MAN with light team, as salesman in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, **Koch Vegetable Tea Co., Box X, Winona, Minnesota.**

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits--Black Ben, King David, Delicious, etc.--Stark Bro's, Louisiana, Mo.

SALESMEN WANTED TO introduce Burbank's wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. **Oregon Nursery Co., Detroit, Mich.**

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. **N. H. Adams & Son, Decorah, Iowa.**

or sheep, especially ewes, but many have found them unsuited to cows in milk. Sugar beets should always be sliced or pulped; otherwise, being rather tougher-fleshed than mangels, the animals leave a good deal of waste.

W. R. Gilbert.

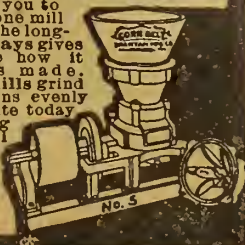
Cancerol, a Boon to Cancer Sufferers.

Look it up for yourself. Men of reputation and standing in most every community are living examples of our ability to cure. Write today for free book. Address **Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.**

SEND US THE ADDRESS OF YOUR FRIENDS IN NORTH DAKOTA. Special rates from North Dakota up to the boundary line to points on the Minneapolis St. Louis R. R. and Iowa Central in Iowa and Illinois, on sale during November and December and good to return until April 15th. Send us your friends address and we will advise them fully. **W. K. Adams, D. P. A.; D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.**

THIS MILL ON TRIAL 20 DAYS FREE

We'd like to tell you how we send our "Corn Belt" Feed Mills on 20 days trial free, and why it's the mill for you to buy. This is the one mill you'll like better the longer you use it. 20 days gives you time to see how it works--how it's made. "Corn Belt" Mills grind all kinds of grains evenly and rapidly. Write today for free catalog describing full line of sweep and power mills. **Spartan Mfg. Co., 282 Chambers St., Galesburg, Ill.**



ADVERTISING NOTES.

Iowa farms, the best in the state, are offered for sale, and also for rent to responsible parties, by the Allen Land Company, of Laurens, Iowa.

Any reader of this paper who wishes to buy a good, large farm in Texas should read the advertisement on page 25 of this issue, of Mr. Milo J. Owen, of Barton, Vt.

One of the best farms in the state of Iowa, containing 300 acres, is offered for sale by Mr. Z. T. Lindsey, of Omaha, Neb. If our readers want something real good here is a bargain. Write Mr. Lindsey about this farm at once.

The Bigley Telephone Company, of 56-58 Van Buren St., Chicago, Ill., buy and sell second-hand telephones and parts of all standard and modern makes. Their advertisement appears on page 21 of this issue. Write them and ask for their bulletin No. 19.

Mr. L. C. Mitchell, of Shelton, Neb., is offering for sale a 160-acre farm, located one mile from Gibbon, Neb. There is a five-roomed house, with water, stable for nine horses, and other improvements on the farm. See advertisement on page 24 of this issue.

Mr. J. J. Lynch, of Laurens, Iowa, deals in city property and stocks of all kinds. He is advertising Iowa farms for sale in his advertisement on page 24 of this issue and requests Homestead readers to write him for printed list. He says that he always has bargains to offer.

Mr. C. L. Fisher, of 203 North Seventh St., St. Louis, Mo., is making a very attractive announcement to those who desire to engage in fruit culture. He has ten-acre fruit and truck farms, with new three-room cottages, on which he is placing a very moderate price. See advertisement on page 24.

Farm bargains in southwest Minnesota are offered to Homestead readers by Mr. E. H. Crandall, of Montevideo, Minn., in his advertisement which appears on page 24 of this issue. Mr. Crandall has farms that are composed of the best of black loam corn land and is anxious to send our readers descriptive price list free.

Now is the time to get a bargain in musical instruments. All teacher's and dealers discounts are being given by Messrs. William E. Lewis & Son, of Chicago, Ill., on their large stock of stringed and reed instruments. See page 15. They offer ten days' trial and 50 per cent off. Write for their catalog No. 11 and please mention The Homestead.

Record number 96383: Ringbone of two years' standing; horse very lame; ordinary methods of treatment failed; horse buyer offered \$5 for the animal. Owner treated the case with Fleming's Spavin and Ringbone Paste, after which the same buyer offered \$175 for the same horse. Write Messrs. Fleming Bros., 210 Union Stock Yards, Chicago, for free copy of Fleming's Vest-Pocket Veterinary Adviser. See advertisement on page 9.

Agricultural land located in Northwest Canada, British Columbia, to the amount of 100,000 acres, is offered for sale by Mr. G. E. M. Pratt, of Chicago, Ill., in an advertisement which will be found on page 24 of this issue. Ten thousand acres of this land is offered at \$3.50 per acre, all cash payment, with privilege to purchaser, at any time within one year, of selecting other land and exchanging if not satisfied with the land deeded him under this sale.

Mr. Chas. D. Robbins, of Milan, Tenn., gives readers of The Homestead an invitation to come to sunny Tennessee, in his advertisement, which appears on page 24 of this issue. He is offering land for sale where big red tomatoes and strawberries and silver dollars grow. He has good farms, that are being almost given away, at prices that are extremely low. Full information will be gladly furnished by Mr. Robbins, and in writing kindly mention this paper.

Mr. H. J. Hill, of 1802 B St., Lincoln, Neb., has 2,000 acres of central Nebraska land which he is offering for sale on page 24 of this issue. He makes the announcement in the advertisement that this land is in a sure-crop country and that there has never been but one crop failure since 1886. The land is composed of up-land and bottom land that does not overflow, is finely improved or unimproved, as desired by the purchaser, and can be sold in all sizes.

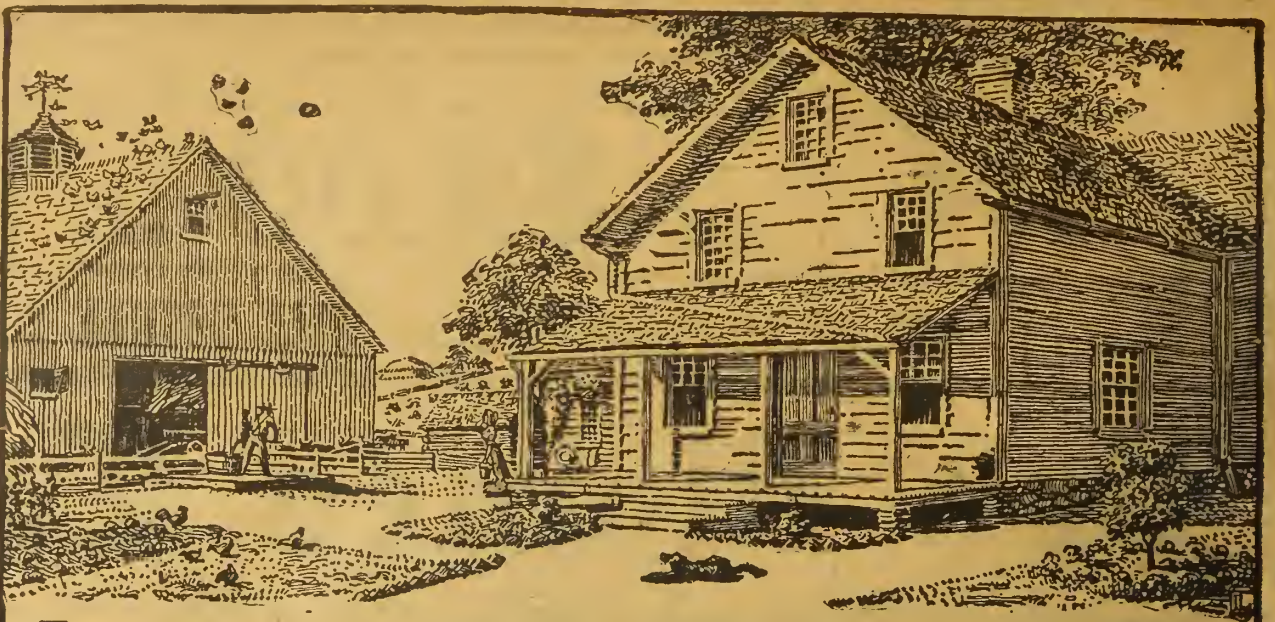
"Ruberoid," a roofing material like or resembling rubber. That's the kind of roofing that is sold by the Standard Paint Company, Chicago and Cincinnati. See page 4. It has been thoroughly tested and is guaranteed wear-proof, weather-proof and fire-proof. Even better than rubber. Certainly, for rubber rots. Ruberoid combines all the good qualities of a roof covering. Samples and Booklet "A" will be gladly mailed. They will put you next to some interesting facts. Mention The Homestead.

BETTER LOOK THIS UP.

A great many people suffer for years from piles and make no effort to have them cured. In this issue Dr. J. C. McLaughlin, of Kansas City, advertises to cure piles without the use of the knife. Those who have this trouble should read the doctor's advertisement. He guarantees his work and many people testify that he has cured them.

BIG COTULLA PASTURE OPENED FOR SETTLEMENT.

Texas is a big country. There is no state in the union with such agricultural resources as Texas, because Texas contains so many different kinds of soil and will produce such a varied class of crops. One of the most interesting books illustrating Texas has just been published by the Investors and Homeseekers' Realty Company, Hall Bldg., Kansas City, Mo. This book answers probably every question that would be asked by a homeseeker and is profusely illustrated with pictures of Texas homes and farms, showing growing crops. The book should be in the hands of every investor and homeseeker among our readers. It is almost impossible for people who have not investigated to believe the statements which have been made about south Texas, but this book is conclusive proof, as it shows the crops in the field from actual photographs. The above mentioned firm have recently purchased a big tract of land in south Texas known as the Cotulla Ranch and have opened the tract for settlement. They have an excellent proposition and will furnish any size tract from



Farmers in the Southwest are getting rich on the increasing value of their farms.

Not so very many years ago Illinois and Iowa land sold for ten dollars an acre. More recently Nebraska lands sold at that price. Look at them now. What makes them so high? The land is no better than it was then. What caused the price to go up? People—nothing but people and lots of them. History will repeat itself in the Southwest—only it will not take so long. The Southwest is growing very fast; much faster than any other section of the United States. The land in the Southwest is just as good as Illinois, Iowa or Nebraska land. But there is more land than people, that's the only reason it's so cheap. How long do you think it will take the Southwest to get as many people to the farm acre as Illinois or Iowa? Just about five years—ten at the very outside. When that time comes you will have to pay just as much for land in the Southwest as you would pay in Illinois or Iowa.

Why not buy your farm in the Southwest now—when you can get it cheap—cheap enough for you to get a big one? A few years hence you will be looked upon just as the man who owns 640 acres in Illinois is looked upon to-day—a substantial, well-to-do, leading member of your community.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.

Rock Island

A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines

1413 La Salle Street Station, Chicago

or

1413 Frisco Building, St. Louis.

FRISCO

twenty acres up, making it possible to all to own a home and they make the terms of payment easy. Space is too limited to tell the story here, but send for the book. You will be interested in this wonderful country. See the advertisement in the Lands and Homes department this week on page 24.

SAVE THE HOGS.

In a great many localities hog cholera and other diseases are killing thousands of hogs. These diseases cause an immense loss to hog raisers. This loss should be stopped if possible. The Cholera Company, of Kansas City, Mo., are advertising their remedy, Cholera, in this issue and offering to refund the money if it isn't satisfactory. It sells for \$1. Certainly no one who raises hogs can afford to be without this remedy when it costs so little. Look up their advertisement on page 9 and write them.

PROSPEROUS TIMES IN TEXAS.

The great Panhandle country of Texas is becoming famous for its excellent crops. The farmers in that country are all very prosperous. When land can be purchased at \$5 to \$20 an acre that will produce such crops as are shown in the Panhandle why shouldn't the men who own such land be prosperous? They raise big crops with a very small investment. Messrs. Boyer & Peterson, of Kansas City, Mo., are offering to sell Panhandle land at the above figures and any of our readers who are interested should look up their advertisement in the Lands and Homes department in this issue. They have a fine proposition.

A RELIABLE FIRM OF SPECIALISTS.

Readers of newspapers and periodicals in the central West are well acquainted with the firm name of Drs. Fellows & Fellows Co. Their specialty, which they have practiced for many years, deals with chronic nervous and private diseases of men. They have made it a life work and their success has been marked. The wonderful results and uniform success in their methods of treatment has built up an enormous practice in Des Moines and the vicinity, where they are located in most excellent quarters. In addition to their local practice they make a specialty of home treatment. The system is the result of long years of experience and the results have been splendid. They will not accept an incurable case and the result is that they can give a legal guarantee to cure any case which they take. If you are a sufferer of any of the diseases which are within their specialty, write them. You can feel perfectly free with them, as everything will be confidential, and no correspondence between them and yourself will be marked in any way to reveal their identity. Their financial standing is above reproach. It is their sincere purpose to treat every patient with the utmost honesty and by such means they have so far built up their business. You can place implicit confidence in their word and ability. Read their

advertisement on page 17. When in need of the services of specialists you should by all means correspond with Drs. Fellows & Fellows, 123 Rollins Bldg., Des Moines, Iowa. Please mention this paper when writing.

SOMETHING NEW IN GASOLINE ENGINES.

The gasoline engine is a simplified machine. Still you might be surprised to know how improvements are being made every day. The "New Way" Motor Company, Lansing, Mich., have discovered a new way to cool the cylinder of a motor. Their engines are all made with this new and important feature. Testimonials from the highest sources indicate that the "New Way" air-cooled engine is doing the work. The idea is to cool the cylinder with air. If you intend to buy an engine, it will certainly pay you to send to these people for catalog "C" which will explain all. The advertisement is on page 2.

FREE CATARRH TREATMENT.

This exceptional offer is made to you as a catarrh sufferer, so that you may have an opportunity of testing Dr. Williams' new method of treatment and satisfy yourself that he can do all that he claims he can do for you. One month's treatment has permanently cured; long-standing and chronic cases, however, require a regular course of treatment, and this one month's treatment will enable you to decide intelligently if you should continue the treatment longer. So confident is Dr. Williams of the benefits you will receive that he does not hesitate to make you this exceptional offer. Write him for his symptom blanks, books and other information which will be mailed you absolutely free of charge. Address 218 Crocker Bldg., Des Moines, Iowa.

PROFIT FOR YOU.

The little book "Farm Science," but recently off the press, is justly regarded as the equal in practical suggestions, plain teachings and unquestioned authority, of anything ever published exclusively for the farmer. Its character will be seen when we say that it was specially prepared for the International Harvester Co. of America, Chicago, at an expense of several thousand dollars. The book treats exhaustively such live present-day farm subjects as Fertilizing, Preparation of Soil, Crop Growing, Alfalfa, Hay, Small Grains, the Dairy and Farm Powers. Best of all, every one of these topics is handled by a specialist—men of large practical experience in addition to being scientifically qualified to speak on matters in their line. The authors are Jos. E. Wing, expert agriculturist, Ohio; Prof. P. G. Holden, the corn culture expert, Iowa; W. F. Brown, farm specialist, Ohio; C. G. Hopkins and Prof. Fred R. Crane, of the Illinois College of Agriculture; Prof. Thomas Shaw, late of the Minnesota Experiment Station; Prof. Clinton D. Smith, director Michigan Experiment Station, and Hon. Willett Hays, as-

sistant secretary of agriculture, Washington, D. C. The 128 pages of the book are taken up by these eight specialists on their chosen subjects, so it will be seen with what thoroughness each topic is treated. The book is meeting the demand among farmers which it deserves. A large edition is being rapidly exhausted. It is only necessary to send in the postage for its mailing, three two-cent stamps, to receive a copy. We advise our readers to send for it promptly, before the issue is exhausted, kindly mentioning this paper.

DES MOINES TANNING COMPANY.

The Des Moines Tanning Company, of Des Moines, Iowa, which is well known to many of our readers is advertising again on page 21 of this issue. The company is in better shape than ever before to do the best work that can be done in the tanning business, and we would ask our readers who have hides to be tanned to write this company for their new booklet on tanning. It is full of information on how to prepare hides for tanning, and how to ship them, as well as some excellent suggestions on what can be made from the hides of the animals which you have on the farm. Remember this little booklet costs you nothing and it will give you some very valuable hints about the tanning business. Read the advertisement and then write for this booklet.

RIDPATH'S HISTORY OF THE WORLD.

"History teaches everything, even the great future." To study it is to familiarize ourselves with the whole realm of art, philosophy, science and biography. Ridpath's History of the World may be regarded as a complete library in itself. In those nine volumes may be found the equivalent of thousands of ordinary books. Right in this statement lies the value of such a set of books. The average individual desires to have his library as well stocked as possible. To select from the maze of books of numberless subjects now on sale, those which will be the most useful and cover the most ground is a task not for any ordinary person. In fact, it would be practically impossible to choose a list of books that would furnish anywhere near as much information. Such a selection would be beyond the purse. At the present time, these nine volumes of history are being offered to readers of this paper at a cost far below that for which even damaged or second-hand sets are sold for. The books in themselves are elegantly bound and aside from being useful as a source of wide and exact information are an ornament in any parlor or sitting room. The ground covered is from the "morning of the world" up to the present time. It is written from the standpoint of an unbiased American scholar. No other of its kind has ever suited the needs of all classes and conditions of men so well. We cheerfully recommend this popular work to our readers. They will find it a most potent educator of young and a mine of valu-

able information for all ages. Copious and excellent illustrations add much to its clearness and attractiveness, while maps and charts are a valuable feature. The full announcement regarding this bargain will be found on page 3. The proposition is one that does not come every day, so fill and mail the advertisement coupon at once if interested.

KANSAS FARM.

Mr. L. G. Boles, of Birmingham, Iowa, has three great bargains in producing central Kansas farms which are advancing at the rate of 20 per cent each year. His advertisement appears on page 24.

GET CLOSE TO MARKET.

If the farmers who have lived hundreds of miles from a good stock and grain market knew the great advantages to be gained by being within a few miles of such a market, we believe the land near the cities where these markets are located would bring a much higher price. The Allen Investment Co., of Kansas City, Mo., are making a specialty of selling farms near that city and are offering some excellent bargains in this issue. Kansas City is the second largest live stock market in the world, and is also a big grain market. Lands near there are very valuable, and yet the farms offered by this firm are not nearly so high in price as Iowa land. It will pay our readers to read this advertisement in the Lands and Homes department on page 24 and write for particulars, mentioning Homestead.

THE PEERLESS PITLESS SCALE.

The Peerless Scale Company, of Kansas City, Mo., are now putting a scale on the market at \$46.50 that the firm claim to be equal in every sense of the term to the \$65 and \$80 scales ordinarily sold by the local dealer. In order to demonstrate that this scale is in every way superior in workmanship, in materials and in design, the company are making a thirty-day free trial offer. No deposit is necessary, no notes to sign and no freight to pay, and the man who contemplates purchasing a scale is under no obligation whatever until he is satisfied that his scale is satisfactory in every respect. The reason why this low price of \$46.50 is made is simply this: that there are no profits to go to salesmen, agents, jobbers or dealers. By shipping directly from the factory to the farm the Peerless Scale Company save their customers all these intermediate profits. Send for the catalog which gives a full description of the scales made by this company. Address the Peerless Scale Company, Kansas City, Mo., and mention The Homestead in your application for catalog. The advertisement of this firm will be found on page 14.

PLEASANT MEMORIES OF YOUTH.

What middle-aged person of today when thinking over the pleasant days that were a part of youth, does not recall the many happy hours spent in reading that elegant paper, the Youth's Companion? Sometimes one could hardly bide the time from one issue until the next. What would those times have been without it, for then there was little reading matter for juveniles. The fact that today there are hundreds of papers and periodicals may lead the father or mother to think that the children will get plenty of reading matter without any help in their selection. But a word of caution. Nothing but the best should the youthful mind have access to. It is almost criminal to allow cheap reading matter to get into the hands of the boys and girls to taint their minds, to upset all the good principles of moral teaching. Choose for them until they have formed a proper taste and know what it is good literature. One of the papers that should stand high in favor is the Youth's Companion. It is a weekly paper that stands by itself. It is chuck full of interesting reading, not only for the young, but for the old. It becomes, in fact, a member of the family when once it gains a position on the center table. In the announcement for the new year which you will find on page 17 are given 250 capital stories of all phases of life; the farm, the city, the sea and the wilderness. Then there are inspiring papers written by the best of students and public men. There are also special pages and 2,000 one-minute stories, all of which make as much reading matter in a year as would fill twenty ordinary novels. They are now making some splendid offers as special inducements to new subscribers. Nothing will be so welcome to the family as a year's subscription to this paper, that has come to be recognized the world over as standard literature. Note their announcement on page 17 and in writing them please mention The Homestead.

FARMS AND HOMES IN VIRGINIA.

We have received from the publishers, Messrs. Pyle & Co., of Petersburg, Va., a copy of the Virginia Real Estate Herald. This company are real estate dealers and this publication is issued in the interests of their business, calling the attention of the people of the northwest to the advantages they have to offer in the way of Virginia farms. We quote as follows: "We beg leave to call the attention of the farmers of the Northwest to the desirable farming lands in Virginia which we are now offering for sale at very low prices. Virginia is an old settled state, having schools, mills, churches, stores and railroads thickly distributed, and possessing the advantages of a mild and equitable climate, equally removed from the severe cold of northern winters and the intense heat of southern summers; remarkably healthy and free from the scourges, which afflict the more tropical countries, and also from the terrible tornadoes which so often destroy both life and property in the Northwest. The railroads, rivers and bays, which intersect the state, afford ready and cheap transportation to the largest cities of the continent, which are the centers of consumption, as well as the emporiums of export for foreign markets, thus affording the producer the highest prices for his crops.

Fruits and vegetables raised in Virginia can be gathered one day and delivered in the northern markets the next morning. Vegetation is four or five weeks earlier in Virginia than in the country around New York, Boston and Philadelphia, consequently the truck raised in Virginia finds a ready and profitable market in those cities." A gentleman acquainted with the above firm writes The Homestead as follows: "I know these people personally and know that they are of the highest standing in their own community and that they are thoroughly honest, upright and reliable business men. I give you my word for this in order that you may have no hesitancy in such expressions as you might desire to make." The advertisement of Messrs. Pyle & Co. will be found on page 21.

HOW FARMERS PROSPER IN CANADA.

Every farmer who is anxious to better his condition should send for and read a little book entitled "The Home Builders," in which is presented an unusual opportunity for securing a comfortable and happy home and at the same time for making more money in farming than ever before. The section described in this book is the Saskatchewan valley, which is the great wheat region of western Canada. The figures show conclusively that Saskatchewan produces more bushels of wheat to the acre, and therefore more money to the acre, than any other part of the world. It has perfect climate, deep, rich soil, and unfailing markets. Nor is wheat the only crop in which this wonderful valley excels. The yields of all kinds of grain and produce are immense; fruit trees bear heavily; stock is raised with least expense and largest profits; poultry is a big money maker; dairying brings great financial returns. Saskatchewan, in short, is the land of prosperity for the farmer. The book tells about one man who bought 320 acres of Saskatchewan land three years ago for \$12 an acre, paying only \$2 an acre down, or \$640, and is today worth at least \$5,000. There are hundreds of similar instances of success in Saskatchewan. And it is easy for progressive farmers to buy land and establish prosperous homes in this great wheat region. The Saskatchewan Realty & Improvement Co., which owns thousands of acres of the best land in the region, offers very easy terms, and also gives a bond agreeing to refund the price paid and 60 per cent more if the buyer is not fully satisfied at the end of five years. A copy of the book can be obtained free by addressing the St. Paul office of the company mentioned, kindly mentioning The Homestead. See advertisement on page 25.

Bridgford & Nesbitt's Poland Chinas.

A representative of The Homestead recently inspected the Poland China herd of Bridgford & Nesbitt, of Aledo, Ill., and is pleased to recommend it to readers of this paper in need of good breeding stock. Mr. Bridgford has been an extensive farmer for years, while Mr. Nesbitt is known to many of our readers as one of the best Poland China breeders to be found anywhere. On page 10 of this issue will be found a good representation of one of their herd boars, Faultless Perfection 2d. He was sired by Faultless Perfection by Ramsey's Perfection by Chief Perfection 2d and his dam was Reigning Belle by Grand Neadley. All the fall boars offered for sale by this firm and a few extra good spring boars are sired by him. These of our readers who have had an opportunity of seeing this boar and his get have been well pleased with them. Any reader of The Homestead who wants an extra good boar of either spring or fall farrow, should not overlook the get of Faultless Perfection 2d. Rising Sun 2d by Reese's Perfection by Black Perfection is the sire of some very fine yearling sows. Young Delight 104551 by Chief Perfection H. by Chief Perfection II., dam by Lady Delight 2d by Lad Mark, is one of the best yearling boars the writer has seen this season. He is the sire of the bulk of the spring pigs and several yearling sows will be bred to him. His get are uniform throughout and should please the most discriminating buyer. Someone wanting a good brood sow will find what they desire in the two-year-old sow, full sister to Faultless Sunshine 243042, she by Faultless Perfection II and out of Beattie Sunshine III. by Perfect Sunshine. The writer wishes to emphasize one fact concerning this herd. There are no broken-down feet in the herd—everything stands straight up on toes and has plenty of bone. Three fall boars by Faultless Perfection 2d are out of May Sunshine 2d by Perfect Sunshine, and are extra good ones. One of the best producing sows in the herd is Tecumseh Medel by Model Boy. She is the dam of one of the best fall sows in the herd and has an extra good litter of pigs by Young Delight. Certainly some who are looking for a boar, either spring or yearling, or an open or bred gilt, can find in this lot what they want. The advertisement appears on page 36 of this issue and we are pleased to recommend the stock to our readers. Prices are reasonable, and the herd is richly bred and made up of good individuals. Kindly mention Homestead when writing.

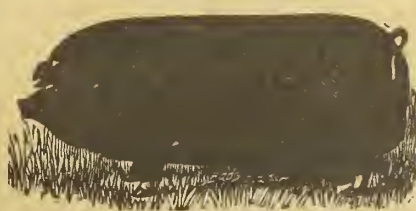
Big Sale of Scotch and Scotch-Topped Short-horns and Polled Durham Cattle.

A prominent sale of Scotch and Scotch-topped Short-horn cattle, as well as a choice lot of Polled Durhams, will be sold at Scotland Vale Stock Farm, November 15th. The well-known breeders will join in the public sale of the above breed of cattle, Messrs. Smith & Barnhardt, M. Yoacum, J. S. Grove and S. B. Wenger. The sale will be held four miles northeast of Harper, Iowa, six miles southeast of South English and seven miles northwest of Keota, at which time Col. Geo. P. Bellows, assisted by Messrs.

Shaver, Lemen & Evans, will part ownership with something like seventy-six head of cattle, including some straight Scotch cattle and a lot of Scotch-topped ones. Messrs. Smith & Barnhardt consign a splendid show bull in Golden Rule, Lot 1 of the catalog. He was sired by Imp. Golden Fame and out of Imp. Ruby 32d; she belongs to the famous Cruickshank Brawith Bud family. Golden Rule is a sire of show cattle, five of his get being shown at the fall sales. Many of the cows in the sale are bred to this bull and three of his got are included. The only reason for selling this splendid animal is that so many of his helpers are retained, that the purchase of another bull was a necessity. This is a bull whose breeding is as good as the best, and one whose reputation as a sire has already been made. He certainly should prove a good investment to anyone wanting a herd bull. A show bull is offered in Golden Robin, a dark red yearling calved June 20, 1906; he was a show yearling this season and possesses fine head and horn; has plenty of bone and scale; his disposition is all that could be required and he is one of Golden Rule's best sons; he is a Scotch-topped Young Mary and as well bred as any Young Mary living. Golden Hero is the show calf that stood second in the open class at Des Moines this year. He, too, is by Golden Rule, and is shaping up nicely for a great yearling next season. This calf is one of his very promising ones, and will do to pin faith to. A full brother to No. 1 is Lot 21 of the sale catalogue, consigned by Mr. M. Yoacum; the same description answers to this bull as does for his most noted brother. This fellow was three years old May 3d, and a proper idea of what he is may be had by the delineation after Burke on page 22 of the catalog. Among the Scotch cows offered for sale is the splendid five-year-old cow Scotch Myrtle, sired by Scotch Fame and out of Imp. Scottish Myrtle by Scottish Victor. This is a cow of great scale, weighing now more than 1,700 pounds. She is a great feeder and so good a breeder is she that one of her sons remains at the head of the herd of Messrs. Smith & Barnhardt. A long price has been refused for this bull, hence the appreciation in which he is held by his owners who consign this cow. A splendid imported cow will be found in Lot 3, Dora 3d. This is a seven-year-old cow, bred by Mr. Chas. Monroe, of Scotland, and is sired by the well-known Dorothy bull, she by the Campbell bull Kinellar Stamp, while her dam was sired by a Missie bull, almost a full brother to Marengo, got by the celebrated William of Orange. This is a choice large cow that is simply thrown into this sale to sweeten the offering. She is an attraction to any sale and should be in demand on sale day. It is a great mistake for breeders to be compelled to part with such cows as Dora 3d for any reason, as imported cows are not now being brought over. It is said by those who had experience that including the \$100 registration fee for imported animals, the cost at the present time of an imported cow is \$200 in addition to the original purchase price in Scotland. Six of the show cattle of the Smith & Barnhardt herds are consigned to this sale. Messrs. Groves, Wenger and Yoacum contribute the Polled Durham cattle, which are all double standard and of the choicest lines of Polled Durham breeding. The herd bull to which the Groves and Wenger cattle are bred is Flora's Victor Royal. He belongs to Cruickshank's celebrated Flora family and was sired by the Marr bull, Imp. Victor Royal. There is no richer-bred bull from the Cruickshank standpoint among present-day Polled Durhams. It is said that he is the first Polled Durham bull ever sired by an imported Scotch Short-horn bull. He comes by his Polled qualities through the use of that great show and breeding bull, Tippecanoe 8th. Imp. Flora 17th was bred to Tippecanoe 8th and produced Scottish Flora 3d and through this cross Flora's Victor Royal was produced. His delineation will be found in the back of the catalog, and serves to show what this great bull is like. The cattle offered by these well-known breeders of Polled Durhams are all double standards, hence can be recorded in either the American Short-horn herd book or the Polled Durham herd book. The catalogs may be had by addressing Mr. L. W. Barnhardt, at South English, Iowa. The sale will be held at Harper.

Closing Out Sale of Polands.

On November 15, at his farm near Keota, Iowa, will occur the sale of Mr. S. B. Wenger's Poland China herd. See page 29. The offering of Polands includes the whole herd, forty-five in number, and represents twenty years of careful breeding and



selection. It is with much reluctance that Mr. Wenger makes this move, but the need of better school benefits are desired. There are eleven sows and one herd boar by Perfection I Know 77521, whose record is familiar to all; three sows by L's Tecumseh, and others by Grand Price 33319, first at Ohio, 1896, Tecumseh L. 40997 and Model Price 99619. Some of the young boars promise to make as famous records as their ancestry. The sows are a most excellent lot in blood lines and in merit. Silver Mine 157893 is the most popular female in the herd. Many of her produce by Perfection I Know will be shown. She will prove her name if you get her and use her right.

I put MACBETH—my name—on every lamp-chimney I make.

If I did not make as good chimneys as I do—and did not have the confidence in them that I have—I would send them out as most other makers do—unmarked.

My Index tells of lamps and their chimneys, fully and interestingly. Let me send it to you—it's free.

Address, MACBETH, Pittsburgh.

DAILY DROVERS JOURNAL TEN DAYS FREE

SEND us your name and address on a postal card and we will send you the Chicago Daily Drovers Journal ten days without any charge. We make this offer so that those who are not now subscribers may become familiar with the merits of this great farm and live stock daily. Send today to

Drovers Journal, Dept. I. H., Chicago, Illinois.

GOLDEN DUROCS HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

WANTED 10 men in each state to travel, distribute samples of our goods and tack advertising signs. Salary \$80 per month, \$3 per day for expenses. Sauaders Co., Dept. 7, Jackson Blvd., Chicago.

WANTED Men to learn Barber Trade. Few weeks complete tools given, positions waiting, qualified instructors, steady practice, registered diploma, board provided if desired. Write nearest branch Moler Barber College, Chicago, Kansas City, Omaha.

Telegraphy Taught thoroughly. Typewriting free. Write for catalog. Wichita Tel. College, 201 S. Main St.

Wanted men to learn Telegraphy; write J. P. Tighe, care Santa Fe Ry., Arkansas City, Kan.

The three daughters of L's Tecumseh offered are out of Silver Mine and are among the last litters of this noted sire. They are large, regular breeders and this may be your last chance to get such blood. The stock is in just the right condition to do good work in other hands. Some of the sows have suckled late litters—they will sell probably below their worth. Send for a catalog and look over the blood lines. They are gilt-edged. If attendance is impossible, write Col. Geo. P. Bellows to pick out some of the bargains.

Mr. C. A. Steele, of Ogden, Iowa, has some Poland China boars which he is offering for sale in his advertisement that appears on page 24. "Their sire, Defender," writes Mr. Steele, "is by the renowned Corrector and out of the sweepstakes sow, Margaret by P. I. K. Defender is a show hog, every inch of him, and he is now at the head of Mr. J. T. Judge's herd, at Carroll, Iowa. The pigs that I am offering for sale are out of sows by Perfect Perfection, L's Keep On and Top Chieftain. They are as good as the best, and sure to please." If Homestead readers desire something good, they should write Mr. Steele at once, before the pigs are all sold.

Mr. John C. Miller, of Harlan, Iowa, calls our attention to the fact that an error was made in his advertisement of last week. We stated that he had Single Comb Brown Leghorn cockerels for sale, when we should have said Single Comb White Leghorn cockerels. He also has White Holland turkeys to sell. His advertisement appears on page 16 of this issue.

Readers of The Homestead who are pestered with rats should read the advertisement of Mr. S. W. Harr, of Riverside, Iowa, breeder of thoroughbred Scottish Terrier dogs, which will be found on page 16 of issue. He has some very fine pups from recorded parents for sale. Write him for prices, mentioning The Homestead.

Cutler, Reil & Cooper Duroc Sale.

Saturday, October 27th, occurred the first annual sale of Messrs. Cutler, Reil & Cooper, at Ferris, Ill. Many of the farmers in the immediate neighborhood were busy shucking corn and the boar demand was on this account lessened. Messrs. Thomas & Hogsett, of Golden, Ill., topped the offering, securing the first-prize gilt under six months at Minnesota State Fair at \$100. Mr. Victor Johnson, of Red Oak, Iowa, secured a fine boar pig by Pilot Boy, he by Pilot Wonder, at \$37.50. Colonels McCowan, Reppert and Keil conducted the sale in a satisfactory manner. Animals selling for \$25 or over are listed below:

Lot.	Price.
1. Thomas & Hogsett, Golden, Ill.	\$40.00
2. Same	100.00
6. J. H. Norris, Bowen, Ill.	42.50
11. S. Smith, Carthage, Ill.	30.00
14. J. W. Lowrie, Ferris, Ill.	67.50
15. Same	60.00
16. Victor Johnson, Red Oak, Iowa.	82.50
17. J. G. Reil, Ferris, Ill.	36.00
19. J. H. Norris	26.00
32. N. B. Cutler, Carthage, Ill.	45.00
33. Ed A. Baxter, Pawnee, Ill.	40.00
35. McNeil Bros., Bowen, Ill.	41.00

Jayne's Tonic Vermifuge

gives rosy cheeks and active health to pale, sickly children.

And it is good for their elders, too.

Ask your druggist for it.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

SOLDIERS-TAXATION.

A Subscriber, Delhi, Iowa.—What exemptions from taxation for road or other purposes are allowed by the law of Iowa to honorably discharged soldiers of the Spanish-American war?

Answer.—There is no law exempting soldiers of the Spanish-American war from the payment of road or other taxes.

RENTING CONTRACT.

A Subscriber, Green Mountain, Iowa.—A owns a farm in Iowa which he rented to B for one year, with the privilege of more. B agreed to haul out the manure on the place, and did haul 130 loads last spring, and some more this fall. Recently A notified B that he had rented the place to C for the coming year. Is A required by his agreement to haul out what manure still remains to be hauled?

Answer.—By the terms of the contract the law would require B to haul out the manure remaining to be hauled, or pay A what it would cost to do so.

A FAIR DIVISION.

A Subscriber, Bradford, Ill.—A rented B's farm on shares upon the following terms: Each of them was to furnish one-half of the power, stock, tools, and expenses, and A was to furnish all the help necessary, and they were to divide the income equally. Afterwards A rented twenty-five acres for corn from another party, giving as rent two-fifths of the crop. In raising this crop A used the teams and tools furnished by him and B. What would be a fair division of the three-fifths of the corn crop between A and B?

Answer.—This is hardly a legal question, but we will make a guess on it, which is that A should have two-fifths, and B one-fifth of the crop.

ADMINISTRATION IN OKLAHOMA.

Mr. M. C. H., Hope, Kan.—An insane unmarried woman owning real estate in Oklahoma died at the home of her parents in Indiana. Before her death a guardian was appointed for her in Oklahoma, who, after her death was appointed administrator of her estate. The expenses incurred in caring for the woman during many months of sickness preceding her death were all paid by her parents. Her real estate in Oklahoma has been sold by the administrator, and the money therefor has been received by him. He has been using the money under a claim that the court authorized him to do so by paying interest thereon. The woman left no debts to be paid, and there was nothing to pay out of the estate except the expenses of administration, including compensation to the administrator. (1) Is it lawful for the administrator to use the money as stated? (2) When must final settlement be made? (3) Who is entitled to the dead woman's estate upon such settlement?

Answer.—(1) It is lawful for the administrator to use the money until the estate is finally settled, if so ordered by the court, and by paying interest thereon. (2) The final settlement of such an estate as you mention, should be made as soon after the expiration of one year from the date of letters, as possible. If the administrator makes delay

after a year from the time he was appointed to settle the estate, the father of the dead woman should employ an Oklahoma lawyer to start proceedings to compel a settlement. (3) The property of the dead woman lawfully goes to her father.

COLLECTION OF JUDGMENT.

A Subscriber, Hinton, Okla.—A got judgment against B for \$700 in Iowa about twenty years ago. Can A collect said judgment by law?

Answer.—If B lives in Iowa and has property there not exempt from execution, an execution can be issued on the judgment, levied on the property, and the property sold to satisfy the judgment, provided the judgment is not twenty years old. If it be older than that, it is barred by the statute of limitations.

MOVING HOUSE-TELEPHONE WIRES.

Dr. E. C. Hellman, Ida Grove, Iowa.—A party in the city of Schaller, Iowa, moved a building from one part of the city to another. In order to accomplish the move it was necessary for the telephone company to cut its wires at two places—in the middle of the street and on the side of the street where the building was placed on the lot. (1) Must the owner of the building pay for cutting and repairing the wires at both places? (2) If the owner must pay, what amount is he required to pay?

Answer.—(1) The law would require the owner of the building to pay for cutting and repairing the wires at both places. (2) Such reasonable sum as would compensate the company for the trouble and expense of cutting and repairing the wires.

CURIOUS BANKING METHODS.

Mr. A. L. Severson, Ottosen, Iowa.—I gave my check for \$2 on the Farmers' Savings Bank, payable to A or order in payment for goods. For several years I have had money on deposit continually at said bank. A did not present the check at that bank, but got it cashed at another bank in a neighboring town. When it was returned, five cents had been added to the face of it. I presume for exchange, and the sum of \$2.05 was deducted from my deposit at the Farmers' Savings Bank, instead of \$2. Has a banker any right to collect exchange in that manner?

Answer.—He has no such right. The banker where A got the check cashed had a right to charge A with exchange for collecting the money for him from the bank on which the check was drawn, but no one had any right to add anything to the face of the check without your consent; and the Farmers' Savings bank had no right to deduct from your deposit a cent more than the \$2 called for by the check.

DRAINAGE LAW.

A Reader, Sac City, Iowa.—(1) Under the drainage laws of Iowa, can a tax be levied upon land which is in no way benefited by a drainage system or improvement? (2) Where a tract of land has been drained and damages paid for outlet, and papers for the same recorded, and the party receiving the damages agreed to protect the same, can such land be subsequently taxed for the construction or establishment of a drainage system?

Answer.—(1) To the first question we must answer no and yes—theoretically, no—practically, yes. When a drainage district is established, the board of supervisors appoints three commissioners to personally inspect and classify all lands benefited by the location and construction of the drainage system, and make report thereof in writing to the board. A day is set for the hearing of this report by the board. Theoretically, of course, it is assumed that the commissioners will not report any land as benefited, which is not so, but if they do, there seems to be no remedy, for the law provides as follows: "When the day set for hearing shall have arrived, the board of supervisors shall proceed to hear and determine all objections made and filed to said report, and may increase, diminish, annul or affirm the apportionment made in said report, or any part thereof, as may appear to the board to be just and equitable; but in no case shall it be competent to show that the lands assessed would not be benefited by the improvement, etc." This is a curious law (see Sec. 12, Chap. 68 laws 1904, page 64). (2) It can be so taxed if found to be benefited by commissioners and the board of supervisors, although it may have been previously drained by private arrangement of the land owners.

POLL TAX-SOLDIER.

A Subscriber, Delhi, Iowa.—Is a Spanish-American soldier exempt from the payment of poll tax, according to the laws of Iowa?

Answer.—He is not.

LOST CERTIFICATE OF DEPOSIT.

A Subscriber, Stillwater, Okla.—B deposited money in a bank in Oklahoma on a time check which drew interest. He lost his deposit check. (1) What will he have to do to get his money? (2) Will the check ever become outlawed?

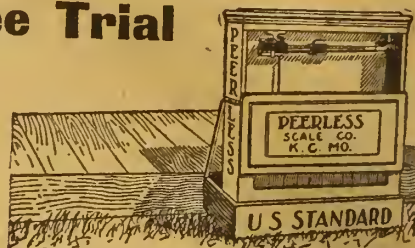
Answer.—(1) Perhaps the bank will upon his request issue to him a duplicate certificate of deposit. It could do

Get This Peerless Pitless Scale

on 30 Days Free Trial

Direct From Factory

No Money In Advance
We Pay the Freight.



Don't Pay Two Prices: If the Peerless was sold through dealers you would have to pay from \$65 to \$80 for it.

If it had a steel frame you would pay from \$60 to \$100 for it anywhere. Peerless Frames Are Of Wood—the others, costing 33 1/3 to 100% more, are steel; all inside working parts are practically the same.

We can sell this high grade U. S. Standard Scale at \$46.50 because we pay no profits to Salesmen, Agents, Jobbers or Dealers.

We can offer you a genuine free trial because the Peerless will stand the test.

The Peerless will do the work as well as any high priced Pitless Scale and better than the best old style pit scales, because more convenient to operate and saves you the big expense of digging and walling a pit.

A Peerless Scale is portable, too. You can move it to any point on your place, wherever it is most convenient for you to do your weighing.

Is it good business for you to take chances on the other fellow's weights

being right when you can absolutely protect yourself from loss at an outlay of \$46.50?

You might lose that much on one or two transactions!

If you weigh your grain, stock or anything else on a Peerless you know you're right and no one can contradict you.

The Peerless is Standard.

It's not a "cheap" scale at a "cheap" price. It's a high quality scale at a low factory price.

\$46.50

Send For The Catalog

and you will be convinced. It describes every feature and every part of the Peerless in detail. You will make a big mistake to buy a high priced scale of any kind before investigating.

Remember our free trial is a real genuine free trial. No deposit, no notes to sign, no freight to pay, no red tape—

Absolutely no expense or no obligation until you are satisfied.

Let us send you a set on these terms for you to use a month.

Just put this paper down and write for the catalog now, before you forget.

PEERLESS SCALE CO., Dept. G, Wyandotte St. & Milwaukee Ave., Kansas City, Mo.

1856-Sandwich-1906

Corn Shellers

The standard the world over for 50 years. Now in use in every corn growing section of this country.

The Sandwich is the result of improved facilities of manufacture, latest and best design, the best procurable material, superior workmanship, and ripest experience.

The result is that well known superiority which has made the Sandwich so justly famous.

We make them in all sizes and styles and capacities—mounted and down, belted and geared.

Farmers should insist on having their corn shelled with the Sandwich because it shells fast, saves time and the board of the "gang."

They shell clean and they clean the corn they shell clean.

SANDWICH MANUFACTURING COMPANY, 143 Main Street, Sandwich, Ill.
BRANCHES: Council Bluffs, Ia. Kansas City, Mo. Peoria, Ill. Cedar Rapids, Ia.



Big
160
Page
Catalog
Free.

WE GUARANTEE that under the same conditions as to power and speed applied, condition of corn, etc.,

The Appleton Corn Husker

will do more and better work than any other machine of like character and corresponding size on the market, that is simpler in construction; easier in every way to operate; easier and safer to feed and to require less power for successful operation. The proof of these claims is sent for the asking. We make also a complete line of manure spreaders, horse powers, shellers, ensilage and fodder cutters, feed grinders, wood saws, windmills, etc. Remember that Appleton quality is the standard of excellence.



2-Roll,
4-Roll,
and
6-Roll,
Down or Mounted.
Write today for
free Catalogue.

APPLETON MFG. CO., 39 Fargo St., Batavia, Ills.

Warranted
to give satisfaction.



GOMBAULT'S CAUSTIC BALSAM

A safe, speedy and
positive cure for

Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable.

Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.

MONEY SAVING CLUB OFFER.

Greatest Weekly - - The Breeders' Gazette
Greatest Daily - The Chicago Live Stock World
BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address, Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

PILES cured. Most cases get well after one application of medicine without pain one hour, then go about your work. No matter how bad or long standing your case, you should go at once and take this treatment. No knife or scissors used. Pay when cured. Examination free. Dr. J. C. McLaughlin, 351 Junction Bld., Kansas City Mo.

right-of-way, does the law require the railroad company to build a hog-tight fence?

Answer.—The law requires railroad companies to construct along their rights

RAILROAD FENCE-NEBRASKA.

Mr. Wm. Ough, Waunaja, Neb.—Where hogs are kept on land adjoining the railroad

of way, fences sufficient to prevent cattle, horses, sheep and hogs from going upon the track, and provides that if they do not do so they are liable for all stock killed or injured by reason thereof. An owner who has otherwise inclosed his land, may give the railroad company a written notice to build such a fence between its right of way and such land. If the company then fails to do so for six months, the land owner may build such fence, and recover the value of it from the company.

INHERITANCE IN IOWA.

A Subscriber, Prairie View, Kan.—An unmarried man died intestate in Iowa, leaving property there. Both his parents are dead. There are surviving him, brothers and sisters, also children of a deceased brother; also children of a deceased half brother. How would his estate be divided under the laws of Iowa?

Answer.—Between the brothers and sisters and children of deceased brother and children of half-brother equally, share and share alike—that is, the children of the deceased would get just what their father would have received if living, and the children of the deceased half-brother would get just what their father would have got if living and a full brother, instead of a half-brother.

SUNDAY LAW—LABOR.

A Subscriber, Melvin, Wis.—According to the laws of Iowa, can a person be fined or imprisoned for cutting grain, or moving thrashing machines on Sunday, or may such labor be regarded as work of necessity?

Answer.—The Sunday law provides among other things, that if any person be found in any labor on Sunday, except that of necessity or charity, he shall be fined not more than five dollars, nor less than one dollar, and be imprisoned till the fine and costs are paid. If grain was overripe or needed to be cut immediately to preserve it, and if it be necessary to thrash it without delay, then such labor as you mention would be deemed labor of necessity and excusable under the law.

PRINCIPAL AND AGENT.

A Subscriber, Reynolds, Ill.—A is an old man. He owns a farm. He went before a notary public and had B appointed conservator without bonds. Afterwards A sold his farm to B, who was then, and still is, doing business for A. Was the sale legal? (2) Does it release B from the conservatorship?

Answer.—(1) You have stated an impossible situation. A conservator cannot be appointed by a notary public, or by going before him. In Illinois when a person is a lunatic or idiot incapable of managing his property, or is a drunkard or spendthrift who is spending or wasting his estate so as to expose his family to want or suffering, the county court of the county where he resides, may appoint a conservator for his estate, upon the application of any good citizen. There is no other way by which a person can be lawfully appointed a

conservator for another in the state of Illinois. By your statement you may mean that A went before a notary public and there made and executed a power of attorney to B, authorizing him to attend to his business. If this is so, then B became A's agent, and there is no law to prevent A from selling his farm to B. If he did so, and it was a fair and square deal in which B took no advantage of A, the sale is perfectly legal, although B was A's agent at the time. (2) Such a sale would not necessarily terminate the agency.

HOMESTEAD ENTRIES.

Mr. Joseph Morrissey, Moore, S. D.—(1) If a man enters a homestead in Lyman county, S. D., and commutes it, can he enter another homestead on the public land? (2) Is there any public land outside of South Dakota where a man can enter a homestead and commute it after eight months?

Answer.—(1) The act of congress of June 5, 1900, provides that any person who has heretofore made a homestead entry on the public land, and commuted it, may make another homestead entry. (2) There are large areas of public land outside of South Dakota open to homestead entry, and a homesteader can commute his entry after fourteen months—not after only eight months.

CONTRACT—MISREPRESENTATIONS.

A Subscriber, Hillsboro, Iowa.—(1) Last December I bought two cows at a public sale upon the representation made by the owner, that both of them would calve in March. One of them calved in June, and the other in September. Is the owner liable to me for damages? (2) In the fall of 1904 I rented my farm and went to California. A man contracted with me to cut a large Osage hedge which was on the place for one-half of the posts it would furnish. He was to cut it all even with the surface of the ground, and save the wood for me, and burn the brush, and was to have for his labor every other post, taking them as they came. He cut only such portions of the hedge as furnished posts, cutting some of it two feet from the ground, and he did not save any wood or burn any brush. I notified him to not take a post away till he fulfilled his contract, but he divided them to suit himself. Can I prosecute him, and what would be the offense at law.

Answer.—The man is not guilty of any criminal offense, hence you cannot prosecute him at all; but he has violated his contract with you, and you can sue him in a civil action and recover whatever amount of damages you can prove you have suffered.

DO RIGHT AND BE GOOD.

A Subscriber, Morning Sun, Iowa.—A owns a farm and hired B to attend to it at a monthly salary, but for no specified time, only so long as both could agree. Recently A decided that B was not doing enough work for the money paid him, so he discharged him. B lives in a house on the farm. A refuses to pay B the balance of his salary until he gives up the house, and B refuses to give possession of the house until he is paid. The contract between them was verbal. A has not served notice on B to quit, and no suit has been brought. Please give your best advice to this matter.

Answer.—There is but one rational course to take in this matter, and if these two men are sensible, they will take it, and that is for A to pay B what he owes him on salary according to the verbal agreement between them, even though A may think B's work was not worth the money; and then for B to give up possession of the house at once. This is right and just, and if either party refuses to do his part in this kind of a settlement, it will probably cost each of them more than the whole amount involved in the controversy. B can recover his salary by law, and A can put B out of his house by law, but what's the use?

ADJOINING LANDS—DRAINAGE.

Mrs. A. B. Curtis, Dows, Iowa.—I own 100 acres of flat land nearly square in form. There were a couple of ditches or shallow drains plowed through it before I got it to run off the water, but they did no good. I drain tiled my land at a cost of \$15 per acre. My neighbor owns fifty acres of land adjoining mine on the north. When I drained my land I offered to allow my neighbor to find an outlet for his drainage water by running a ten or twelve-inch tile through my land to an outlet. He refused to accept the offer on account of the cost of it, and offered me \$125 for an outlet on my land. I refused this because it would have compelled me to lay extra tile to carry drainage water, not only from my neighbor's land, but also from eight other small farms from ten to thirty-five acres each, the owners of which had paid my neighbor \$35 each for an outlet for their drainage water. My neighbor then dug a hole on his own land near the division line and dropped the water into that. This hole is opposite one of the shallow ditches on my land. At this place his land is lower than mine. I am breaking up my ground and my neighbor objects to it, because it will fill up these shallow plowed ditches above mentioned and so cause the water to back upon his land. He says the ditches were there before he tiled his ground and therefore I have no right to level the ground and fill them up. Have I a right to break up my land, and in so doing fill up said ditches?

Answer.—You have a perfect right to do so. Your neighbor cannot lawfully prevent you from so doing, nor recover damages from you.

The New Superior Fanning Mill

We Have Invented a New Device for Separating, Grading and Cleaning all Sorts of Seed and Grain.

The old Superior Fanning Mill was a pretty good Grain Separator. The Farmers told us it was way ahead of any other mill on the market, and we knew it was, but we were not entirely satisfied with it. It was the aprons interposed between the sieves in the wheel gang that bothered us. We found that they easily got worn out, and that, when they got wet they were entirely useless and also that the grain had a tendency to



stick to these aprons, causing much delay in work and time. And then they were expensive.

During last summer, we experimented a good deal with a new sieve, that Mr. Owens had worked out, and during the last two months we have perfected a machine and subjected it to the most severe test that any grain separator ever was put to. It

A GRAND SUCCESS

The aprons are done away with. We obtain a better and faster separation by using a system of sieves having imperforated sections. These are so arranged, that when separating oats from wheat, if any oats get up on end and drop through one sieve with the wheat, they strike on an imperforate portion of the sieve below, and slide off from this imperforate portion onto the next perforate portion. Whenever any oats drop through a perforated section of the sieve they strike upon an imperforated section of the sieve below. By this means we get a more perfect separation and greater capacity.

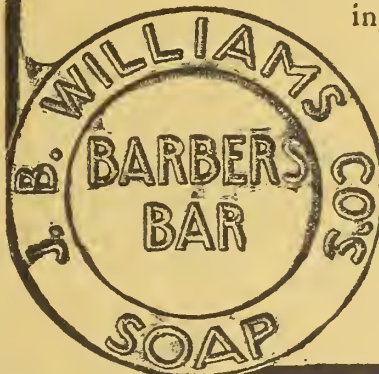
We believe that the New Superior for separating, grading and cleaning all kinds of Seed and Grain, is the most perfect device that human genius can contrive. Unless some one comes along and performs a miracle, the New Superior will always stand at the head in grain cleaning machinery. Now this we are ready to demonstrate and prove to you, and that without the slightest cost on your part.

ARE YOU INTERESTED? Then write us and we will tell you how we can satisfy yourself by actual trial that the New Superior is what we claim it to be. And it will not cost you one cent so write today.

J. L. OWENS CO., 614 SUPERIOR STREET, S. E., MINNEAPOLIS, MINN.

Williams' Shaving Soap


Laundry soap is made to take dirt out of clothes. It is coarse and harsh. For shaving you need a soap made just for shaving, mild, healing and softening. The only real shaving soap is Williams' Shaving Soap. It makes shaving a luxury.



Send 2c. stamp for trial sample (enough for 50 shaves).

Williams' Barbers' Bar, Yankee, Mug, Quick & Easy Shaving Soaps, and Williams' Shaving Sticks.—Sold everywhere. Address,

THE J. B. WILLIAMS COMPANY, Dept. A, Glastonbury, Conn.



Marlin

Why is the Marlin 12 gauge take-down repeating shotgun the best all-around shotgun that money can buy?

Marlin shotguns are made of the best material obtainable for the purpose. They are strong and sure, and work under all conditions. The breech block and working parts are cut from solid steel drop-forgings; the barrels are of special rolled steel or of "Special Smokeless Steel."

The lines of Marlin shotguns are pleasing—the balance is perfect. They pattern perfectly and have wonderful penetration.

The solid top and side ejection assure safety and comfort. This is the gun you have been needing.

Send six cents for our catalogue, which explains every Marlin in detail and is full of other valuable gun lore.

The Marlin Firearms Co., 135 Willow Street, New Haven, Conn.

Low Rates to South Dakota.

On every Tuesday during 1906 Homeseekers' rates to South Dakota points are offered by the Chicago, Milwaukee & St. Paul Railway. These low rates enable homeseekers to investigate the opportunities offered at slight expense. Any ticket agent can sell you tickets to South Dakota, via the Chicago, Milwaukee & St. Paul Railway. It is worth your while to ask him to do so. Write today for new booklet on South Dakota.

E. C. NETTELS, D. F. & P. A.
Des Moines, Iowa.

RHEUMATISM AND NEURALGIA



ST. JACOBS OIL

The Proved Remedy For Over 30 Years.

Price 25c and 50c

50% Off Catalogue Prices

All teachers' and dealers' discounts now given to the public on violins, guitars, mandolins, and other stringed instruments (special discount also on flutes and clarinets) 10 days' trial on any instrument before you decide to buy. Write today for free catalogue No. 11. **W. M. E. LEWIS & SON** (Estab. 1869) 220 Wabash Avenue, Chicago, Illinois.



Four Burrs Grinding at Once

NO FRICTION.
THE GREATEST CAPACITY.
LIGHTEST DRAFT.
MANY THOUSANDS IN USE.

FOUR horse mill grinds 60 to 80 bushels per hour. Two horse mill grinds 25 to 50 bushels per hour. We also manufacture the famous Iowa No. 2 for \$12.50. Send for free catalog of mills, cookers and furnaces. Address,

BOVEE GRINDER & FURNACE WORKS,
WATERLOO, IOWA.

WINTER EGGS



Feed cut green bone, save half your grain and double your egg yield. The

Humphrey

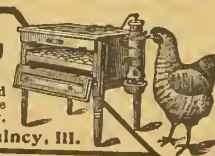
Green Bone & Vegetable Cutter, the only open hopper machine, is guaranteed to cut more bone, with less labor and in less time than any other. Money back if you are not satisfied. It's the one hand cutter, feed under operator's control at all times; no complicated parts. Send for catalogue and special Trial Offer.

HUMPHREY,
Hame St. Factory,
Joliet, Ill.

\$12.80 For 200 Egg INCUBATOR

Perfect in construction and action. Hatches every fertile egg. Write for catalog to-day.

GEO. H. STAHL, Quincy, Ill.



THE FAMOUS OLD TRUSTY

60 or 90 days to prove claims for my famous incubator. Two years guarantee. Send for catalog and get acquainted. Book free, advice too.

M. M. JOHNSON, The Incubator Man,
Clay Center, Neb.

MARRY Photos and addresses of rich and handsome people who want to marry, sent free, sealed. Write to day. **THE PILOT, Dept. 24, 188 N. Hamlin Ave., Chicago, Ill.**

POULTRY.

White Wyandottes.

Big cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

FOREST HOME POULTRY FARM,
Box 253, Audubon, Iowa.

30 CHOICE

Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

Address, **JNO. C. MILLER,** Harlan, Iowa

Rose & S. C. Brown Leghorns

COCKERELS, hens and pullets, \$8 and \$10 per doz. Indian Runner Ducks and Buff Cochins bantams.

MRS. WILL MICHAEL, SELMA, IA.

30 BUFF ORPINGTONS FOR SALE. EXPECT to move and have thirty two-year-old Buff Orpington hens for sale from the famous Williams & Vass strain. Are worth more than double the price. D. W. Boydston, Nevada, Iowa.

UPLAND Poultry Farm stock for sale from J. L. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, Pure bred, well-marked birds. Albert Haas, Waucoma, Ia.

WHITE Wyandotte cockerels for sale from birds scoring 94 and 96. These birds are farm raised. Write for prices. W. F. Kilpatrick, Harlan, Ia., R. 6.

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

FOR SALE—Tomhouse, Embden, White China geese, Pekin, Ayresbury, Muscovy, Cayuga ducks, Bronze turkeys. Exchange for Indian relics. Box H. Dawson Bros., Franksville, Wis.

SINGLE Comb Brown, White and Buff Leghorn cockerels for sale at 75c each, from pure winners. F. E. Garrett, Lohrville, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings. \$1.50 to \$3 each. Mrs. L. M. Estes, Audubon, Ia., Route 2.

DOGS.

AN EXTRA FINE BUNCH OF COLLIE PUPS from working parents. The kind that pays to raise. Pedigree furnished. Address, Leroy A. Hays, Rural Free Delivery No. 7, Knoxville, Iowa.

THOROUGHBRED fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RAIS! My Scottish Terriers will make them git. Very fine female puppies from recorded parents for sale. S. W. Harr, Riverside, Iowa.

When writing to advertisers please mention this paper.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

THE FRESH-AIR HOUSE.

Much has been said and written about the fresh-air house. The average reader is liable to get an impression that only one kind of house can be built that will provide this necessary condition. Of course, most articles refer to a specially-arranged house which for the most part is open on one side, or partially so. It is built long and deep, with the opening in the end or side furthest from the roosting fowls, and it is like being out of doors with the sting taken off the temperature. It is claimed to be the best plan for building houses, though a house of this kind may not be the best for all sections of the country. When the mercury gets very low and storms rage with great fury, this plan of a house will not do.

All poultry breeders, amateur as well as veteran, should realize that fresh air is a most necessary element. Many fairly good poultry houses seem to have been built without any provision for its introduction. They are shut up at the approach of the first storm and are kept so until spring. This is a grave mistake. Houses can be made so as to admit fresh air without providing patent ventilators and contraptions that are liable to get out of rig. It simply means having the house in two or more apartments, and when the doors of one apartment are open to admit of fresh air, the poultry may be confined in another. Fresh air can be admitted in the day time and at night the openings can be closed. Cleanliness will assist largely in keeping the air so admitted in a fresh condition.

POULTRY IMPROVEMENT.

For many years the Maine Experiment Station has had in operation a practical poultry department under the management of a master hand and the report of what has been done there shows good results. This station is following much the same lines in poultry improvement as were followed in the development of milk production in cows; that is, the individuals have been selected on the basis of what they can do. This work has been kept up from generation to generation until a fixed type has been established. It is admitted by the station that it is not easy to do this on the ordinary farm, where it would be too expensive to keep up trap nests and to equip a plant.

Improvement in former years of poultry has been along lines of plumage, shape and size of the comb, characteristics of leg and toe covering and other points of excellence which can have absolutely nothing to do with either egg production or culminate in furnishing a fine table fowl. One may as well expect the dairyman to select his cows according to color and spots as to follow this line in poultry improvement.

The Maine station has at last produced fowls with a pedigree. A record has been kept of the mother, the grandmother and even the great-grandmother so far as egg production is concerned. Families have sprung up that show an increase in egg production in each succeeding generation. It is expected that families will be as much in demand as egg producers as certain families are in the dairy.

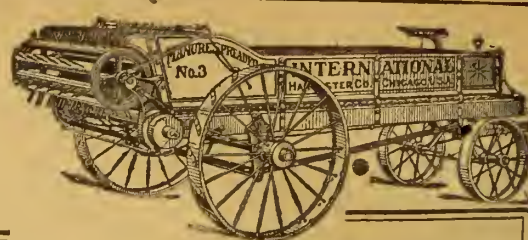
This station has found out that it is the early-maturing pullet that makes the good-laying hen. The pullet that begins laying at the earliest age is most likely to be the biggest egg producer. This point is declared to be beyond the experimental stage and is now positively demonstrated. It is also proposed that such hens should be mated to cockerels from hens with a large production of eggs to their credit, and the eggs from this mating used for hatching.

It is cheering to know that the time has arrived when a hen will be esteemed for what she can do and not for what she looks like.

Seckman's Closing Out Sale.

Mr. Geo. W. Seckman, of Ripley, Ill., held one of the most successful Duroc sales of the year on Wednesday, October 24th. The largest crowd of breeders at any of the season's sales was present and seventy head

I. H. C. Spreader Pointers



A good spreader costs considerable but it is worth more than it costs.

A poor spreader is an expensive luxury, no matter what it costs.

When you buy an I. H. C. Spreader you are buying something standard.

You get for your money—

—A substantial, durable machine

—One that is easily handled

—It handles manure in any condition.

—No spreader made does better work

—No spreader is lighter in draft.

I. H. C. Spreaders are well proportioned machines. They are strong

but not needlessly cumbersome—strong where strength is needed, with due regard for light draft and load to be carried.

The I. H. C. apron is driven at both sides, by both hind wheels. This eliminates all binding, friction and undue strain.

It has a vibrating rake to level the load—exclusive feature.

It has a wide range of feed, consequently a large or a small amount of manure per acre can be distributed. It is the only spreader controlled and operated entirely with one lever.

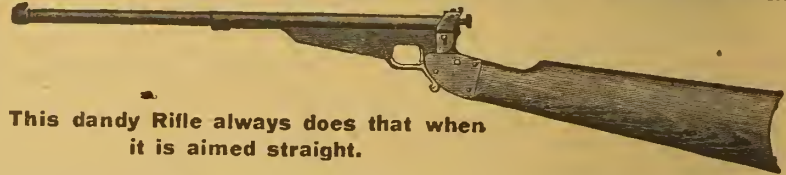
Made in three sizes for each of the two types, Cloverleaf, endless apron, and Corn King, return apron.

Call on the International local agent for catalog and full information or write to home office.

Send three 2 cent stamps for a copy of "Farm Science," Book just from the press, written by eight leading agricultural authorities of the United States. Treats practically every farm topic in the most forceful, money-making way.

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(INCORPORATED.)

BOYS---IT HITS THE MARK!



This dandy Rifle always does that when it is aimed straight.

Unless you want to hit the mark don't get one. But you do—don't you? Everybody means to hit the mark some time. Then write us at once and you'll crack the bull's eye. For you can get that rifle, boys, without a cent of money. Just a few minutes' work among your friends, or your friends' friends—and the rifle is yours, sure thing. It's the handiest and the handsomest little gun on the market. We're giving it to you straight. And it can be earned just as easy as rolling off a log. Write us about it—just a line. Give us your full name and address and say you want to earn a rifle. That will do. We'll pull the trigger, and back will come a letter to you with full particulars, and it is ten to one you will have earned the rifle the same day you get that letter. It's up to you now. Get out your goose quill and address,

THE HOMESTEAD, BOYS' DEPARTMENT,

DES MOINES,

IOWA,

were disposed of in quick order at an average of \$73.50. The Proud Advance Stock Co., of Shannon City, Iowa, topped the offering, paying \$600 for the herd boar Ohio Chief. This was the highest price ever paid for a Duroc boar at auction. Messrs. McNeil Bros., of Bowen, Ill., and J. F. Crum, of Sellersburg, Ind., were the contesting bidders. This boar should produce something extra good crossed on the get of the noted prize-winning boar, Proud Advance. Messrs. Thomas & Hogsett and H. B. Griffith secured the top of the female offering, paying \$305 for Fairview Maid, she by Fruit's Corrector by Waverly. She had a litter of pigs at side by Tip Top Notcher. Messrs. Manlove Bros. secured Goldie O. 40th, one of the best producing sows in the Seckman herd at \$300. Col. F. F. Luther opened the sale with a strong plea for the Duroc Jersey and was assisted in the selling by Colonels McGowan, Reppert, Keil and Riley. Only one animal sold for less than \$25. The list of animals selling for \$25 or over follows:

1 Proud Advance Stock Co., Shannon City, Iowa	\$600.00
2 Geo. Baker & Sons, Pawnee, Ill.	125.00
3 Manlove Bros., Bowen, Ill.	300.00
4 A. M. Peck, Clayton, Ill.	60.00
5 N. P. Ewing, McLean, Ill.	32.50
6 Maupin & Applegate, Shelbina, Mo.	95.00
7 E. H. Gifford, Lewiston, Neb.	47.50
8 J. T. Wilson, Mt. Sterling, Ill.	72.50
9 Thomas & Hogsett, Golden, Ill.	52.50
10 H. B. Griffiths, Bowen, Ill.	77.50
11 A. T. Sundell, Paton, Iowa	47.50
12 T. E. Laurie, Jacksonville, Ill.	67.50
13 Maupin & Applegate	50.00
14 R. N. & H. H. Clark, Mt. Sterling, Ill.	62.50
16 McNeil Bros., Bowen, Ill.	60.00
17 Same	77.50
18 Thomas & Hogsett	305.00
19 Same	60.00
20 Same	45.00
21 Lourance Bros., Taylorville, Ill.	55.00
22 J. M. Young, Plainview, Kan.	205.00
23 John F. Crum, Sellersburg, Ind.	165.00
24 Same	42.50
25 John C. Overton, McLean, Ill.	32.50
28 A. M. Peck	80.00
31 J. P. Plummer & Son, Rochester, Illinois	40.00
32 John F. Crum	65.00
33 E. H. Gifford	82.50
34 J. T. Wilson	42.50
35 R. J. Harding, Macedonia, Iowa	47.50
36 M. D. Harvey, Zionsville, Ind.	45.00
37 John F. Crum	50.00
40 R. E. Mahoney, Meridian, Okla.	150.00
42 H. B. Griffiths	52.50
43 I. C. Biggerstaff, Envy, Ill.	75.00
44 Wm. Shoup, Augusta, Ill.	147.50
45 E. H. Gifford	32.50
46 W. C. Hogan, Mt. Sterling, Ill.	27.50
47 H. P. Jones, Manchester, Iowa	27.50
48 N. P. Ewing	105.00
50 M. B. Murray, Winchester, Ill.	50.00
61 John F. Crum	52.50
52 T. E. Laurie	95.00

53 Geo. F. Dorsch, Tecumseh, Neb.	25.00
54 M. D. Harvey	35.00
56 C. W. Yeck, Concord, Ill.	30.00
57 J. T. Wilson	22.50
58 A. E. Hodson, Newcastle, Ind.	50.00
59 John F. Crum	40.00
63 H. P. Jones	45.00
64 Ed A. Baxter, Pawnee, Ill.	60.00
65 H. R. Brown, Lewistown, Ill.	55.00
66 W. S. Huffman, Mt. Sterling	30.00
67 W. M. Willard, Golden, Ill.	42.50
68 J. L. Critser, Lafayette, Ind.	112.50
69 W. C. Hogan, Mt. Sterling	27.50
70 Wm. Shoup	25.00
71 A. E. Knight, Whitehall, Ill.	32.50
72 W. M. Willard	40.00
73 C. W. Yeck	25.00
78 B. D. Helming, Waukon, Iowa	62.50
76 M. D. Harvey	27.50
77 E. H. Gifford	42.50
81 J. M. & W. T. Gatton, Springfield, Illinois	45.00
83 A. M. Peck	62.50
85 W. M. Willard	32.50
Extra A. E. Knight	55.00

The Wabash offers the following opportunities for excursion rates:

The Dedication of State Monuments at Vicksburg, Nov. 11th and 12th, Chattanooga, the 16th and 17th, and Paducah for Shilo, the 19th and 20th, at exceptionally low rates and good limits. Via St. Louis is the quickest and best.

From Iowa, St. Louis is the logical gateway.

Homeseekers' tickets to nearly all points, first and third Tuesday, at low rates. Through service from Des Moines to Union Stations at Kansas City and St. Louis.

Address F. C. McMillan, D. F. & P. A., or L. R. Davis, P. & T. A., Des Moines, Iowa.

SPECIAL COLONIST RATES SOUTHWEST.

On the first and third Tuesdays of each month until March, 1907, inclusive, The Chicago Great Western Railway will sell one way colonist tickets to points in states of Arkansas, Colorado, Indian Territory, Kansas, Louisiana, Mexico, Missouri, Nebraska, New Mexico, Oklahoma, Texas and Wyoming at rate of one-half of regular first-class one way rate plus two dollars. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

IOWA MONUMENT DEDICATION.

On certain dates in November the Chicago Great Western Railway will sell round trip tickets to Vicksburg, Miss., Chattanooga, Tenn., Andersonville, Ga., Johnsonville, Tenn., Perryville, Tenn., Selmer, Tenn., Danville, Tenn., Corinth, Miss., and Shiloh Battlefield at very reduced rates. For complete information call on or address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Echoes From a Kansas Farm

By Henry Hatch

All the talk now is about corn and corn husking. How many rows, so many rods long, it takes to make a load, is of more consequence than who is elected.

There is a considerable of dry rot in the corn this fall—here, at least. It is strange, but too much wet weather is what causes dry rot. The water runs into the husk of the ear, at the point, and cannot get out. The kernels are then rotted.

On October 22d we stopped for a few minutes at a neighbor's, who was just hauling in the last load of alfalfa hay, from the last cutting. At about the same time the mail carrier came along, bringing that morning's daily, which told of two feet of snow in the Dakotas and some snow as close as Colorado. A few hundred miles often makes a difference.

It is cheaper to keep cats than rats. We have four (cats) and they have about cleaned out all rats and mice around the buildings. Enough are continually coming in, however, to keep the cats' ration of fresh meat supplied. Differing from some, we like to have good cats and a good dog on the farm.

There are some who are secretly looking for what they call "a bust of prosperity;" that is, they do not look for the present prices to last, either of what the farmer buys or sells. Many, too, are expecting lower land values. Being no prophet nor son of a prophet, we claim nothing, neither good nor bad.

Nothing is quite so aggravating as the hatful of cold rain that falls at this season of the year. Was just driven in from the corn field with a half-load, by a rain that is now all over. It was enough, however, to make corn husk hard for a few hours. It still husks hard enough, even when dry, as it has not yet had a real stiff freezing.

We still see a few using the old shoveling board in their wagons. Standing partly on one's head when starting to throw out each load of corn isn't altogether nice. The price of three pounds of "chewin'" will buy a good endgate, and, with one such on, a wagon box will hold three or four more bushels. Maybe this is the reason some will have none on.

We never like to be behind getting the corn into the crib. Also, getting the yards cleaned of all manure is work not to be put off too long. Down here in Kansas we do not have to fear awfully cold weather or deep snows, but it sometimes gets muddy, making both husking and manure hauling bad work. It is fine weather for both now, so all else gets the go-by. One team hauls manure, the other is on the corn wagon. When one of us gets tired of husking and the other of manure hauling, there is a change.

Some of the railroad companies have

adopted a new style of fence post, and one that seems should be everlasting. It is made of common galvanized pipe and cement. A piece of pipe about six feet long is imbedded in a small hole filled with green cement. This soon hardens, leaving a post that may be dug up and reset if wanted.

The trouble with most of the so-called farmers' co-operative companies is they are composed of most every other kind of men but farmers. The "rank and file" may be mostly farmers, but the "bosses" are men who have got there because there's money in it for them. Our idea of farmers banding together to fix prices on what they have to sell is no more favorable than towards the trusts that control other industries. The "square deal" means to hit all trusts alike, no matter by and for whom managed.

It is commonly supposed that birds and various wild animals have great knowledge of the weather. It is believed by some that squirrels laying up a large store of nuts means a cold winter ahead. Ducks and geese flying through without stopping is supposed to be a criterion of a storm soon to occur. We do not believe anything has been created wiser than man. By this we mean the average of man. There are some horses and some dogs that appear smarter than some people, but, then, these are exceptions that prove the general rule.

It pays to pick seed corn as you unload it from the field. In this way you get the best of all the farm produced. Down Kansas way we don't have to be so particular with seed corn as northern folks do, but there are many here who are not particular enough. Probably one-half of the farmers still pick their seed from the pile that is left in the cribs, after feeding from it all winter. The usual excuse offered for this is there is no place where seed could be kept separately. It does not take a hall or an auditorium to hold a few bushels of seed corn. We believe we could find room under a dry roof, for a few bushels, on any Kansas farm.

Mr. J. O. James' Poland Chinas.

The Poland China sale of Mr. J. O. James was held at Bradyville, Iowa, on the date advertised, namely, Thursday, October 11th. The sale was well attended and most of the offering went to breeders. In all there were fifty-one head sold at an average of \$33.35. The top price of the sale, \$92, was received for a Pawnee Lad pig, the lucky bidder being Mr. C. E. White, of Hephurn, Iowa. Favorable comment was expressed on every hand on the high character of Mr. James' offering. The following is a complete list of the sales made:

BOARDS.

12	C. M. Barton, Naper, Neb.....	\$39
33	G. R. Massey, Lineville, Iowa.....	24
14	C. R. Hanna, Tarkio, Mo.....	48
5	G. R. Massey.....	50
35	Ed Corwin, Hopkins, Mo.....	20
27	C. D. Swane, Leona, Kan.....	28
6	E. T. Miller, Hopkins, Mo.....	25
1	I. E. James, Bradyville, Iowa.....	29
2	Eugene Massey, Lineville, Iowa.....	40
3	H. F. Dunn, Clarinda, Iowa.....	30
52	C. R. Hanna.....	26
26	J. L. Fishell, Shamhaugh, Iowa.....	24
13	E. A. Hawkins, Clearmont, Mo.....	24
34	C. E. White, Hephurn, Iowa.....	24
22	William Anderson, Coin, Iowa.....	24
36	F. L. Rood, Clearfield, Iowa.....	28
7	Ed Hornbuckle, Burlington Jct., Mo.....	25
38	C. E. White.....	25
21	L. H. Smith, Willisca, Iowa.....	24
46	Frank McCurdy, Bradyville, Iowa.....	24
47	Dan Hodges, Clearmont, Mo.....	21
48	F. M. Thompson, Clearmont, Mo.....	22
49	W. C. Taggart, Bradyville, Iowa.....	23
50	Wane Ingram, Clearmont, Mo.....	26
51	Geo. Wilson, Clearmont, Mo.....	26
	C. E. White.....	92

SOWS.

13½	H. Phesenmeyer, Clarinda, Iowa.....	70
23	F. L. Rood.....	37
9	W. E. Biggs, Clarinda, Iowa.....	39
10	W. B. Allen, Conway, Iowa.....	39
11	Eugene Massey.....	31
15	C. E. White.....	63
28	W. B. Allen.....	30
37	C. E. White.....	30
19	Ira Cottingham, Eden, Ill.....	30
16	J. B. Adams, Moline, Kan.....	28
17	C. E. White.....	42
18	Kert Guinn, Clearmont, Mo.....	30
29	L. L. Russell, Elmo, Mo.....	27
20	G. R. Massey.....	24
30	F. L. Rood.....	32
31	C. E. White.....	28
45	I. E. James.....	23
44	Wigstone Bros., Stanton, Iowa.....	36
4	C. E. White.....	38
42	Geo. Cobb, Hopkins, Mo.....	35
24	L. R. McLarnon, Bradyville, Iowa.....	34
25	F. L. Rood.....	33
40	Kert Guinn, Clearmont, Mo.....	27
41	C. E. White.....	25
39	Eugene Massey.....	65

INDIANAPOLIS ROUND TRIP.

Account of the Presbyterian Brotherhood Convention The Chicago Great Western Railway will sell round trip tickets to Indianapolis and return at rate of one fare plus two dollars for the round trip on November 11th, 12th and 13th. Call on E. J. Sawyer, C. T. A., 614 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip ex-



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The NEVER LEAK Roofing

A strong phrase, but it's a good name, for Congo. Perfect rolls, carefully made and every one inspected and tested. No imperfect rolls will reach you. That's why it never leaks. There are no flaws, no thin places, no weak spots. Once it is on the roof, the water will not get through.

A sample will show you why. Send for it to-day; it's free.

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ALL MEN'S
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Reliable Doctors

WE are the oldest established firm of Specialists in all diseases and weaknesses of men in the west. We cure after others fail. This is why men travel across the continent to consult us. We treat all Chronic, Nervous and Special diseases, Nerve Debility, Loss of Strength

with attendant evils, Varicose or Knotted Veins, Rupture, Blood Poison, Skin Diseases, Kidney, Bladder and Urinary Affections. Our reputation has been made right here in Des Moines, and we are quite able to maintain it. Consult us and receive the benefits of a life time of successful practice.

Reference, Any Bank or Business House in the city.

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cursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast,

West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

PILES

FISTULA--NO MONEY TILL CURED

H. T. Dayton, Lumber Dealer, Golden City, Mo., writes under date of August 16, 1906: "My life was made miserable for over 30 years by piles, fistula and eczema. I was successfully cured by your treatment in about two weeks and recommend you as skilled doctors and perfect gentlemen."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed

Town..... State.....

ADDITIONAL FIELD NOTES.

BURGE'S SHORT-HORNS.

Mr. G. H. Burge, proprietor of the Wayside Farm, herd of Short-horn cattle, Mt. Vernon, Iowa, in furnishing the copy for his advertisement that appears on page 28 of this issue, writes: "I have sold twelve head of cattle since my sale, and still have seventy-five head left. Mr. Parsons, of Newton, Iowa, said he considered Mildred's bull calf a better calf than Money Musk was at the same age. Half of my herd are Scotch."

HEREFORD BULLS AND HEIFERS.

On page 28 of this week's Homestead will be found the advertisement of Mr. Z. T. Kinsell, of Mt. Airy, Iowa, one of the most prominent and one of the best Hereford breeders in this country. Mr. Kinsell is now offering fifteen young bulls for sale, ranging in age from twelve to twenty months. Also fifteen heifers ranging in age from twenty-four to thirty months, and safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer, all well-known prize-winning bulls. Mr. Kinsell will be pleased to hear from anyone wanting good young bulls or heifers. Write him at once and mention The Homestead.

ALLEN'S SHROPSHIRE EWE SALE.

The annual sale of Mr. George Allen, Lexington, Neb., one of the foremost Shropshire sheep breeders in the United States, will be held at the sale pavilion, Kansas City, Mo., November 14. He will offer 300 head of yearling and two-year-old ewes, bred to first-class imported rams. These will be sold in pens of three and carefully mated. They will be selected from the George Allen flock, which is one of the very best in the United States, having been the World's fair flock at Chicago, as well as one of the leading winners at St. Louis, and the Illinois, Iowa and Nebraska State Fairs. It will be the greatest offering of Shropshire ewes that will be made at public sale this year. Write Mr. George Allen, Lexington, Neb., for catalog at once, and kindly mention this paper.

B. C. MARTS' DUROC JERSEY SALE.

Mr. B. C. Marts, of Polk City, Iowa, held a Duroc Jersey sale on Friday, October 26th, as advertised. A representative crowd of breeders was in attendance and the outcome of the sale was highly satisfactory to Mr. Marts. The twenty-seven head sold averaged \$31.20, the top price being \$105 on an April boar by Colonel Perfection. Mr. Marts' offering was notably uniform and men on every hand could be heard praising the general character of the Marts Durocs. Most of our readers are aware of the fact that Kan't Be Beat Again is now at the head of Mr. Marts' herd. He is considered by many competent Duroc judges the best Kan't Be Beat hog now living. Sows in pig to this great hog should be in good demand next January and February.

LAST CALL FOR HARVEY & SON'S SALE OF POLAND CHINAS.

The man who wants a good useful Poland China boar or a good brood sow cannot do better than to attend the sale of Poland Chinas to be held at Maryville, Mo., on Saturday, November 17th, by Messrs. J. H. Harvey & Son, of Maryville, Mo. Thirty-three boars and twenty-eight sows are to be sold and all are the practical kind, bred and raised by practical hog men. No fancy prices are expected by these gentlemen, yet they will sell a number of hogs that should go good breeders and at good prices. The offering being large will afford many good opportunities to buy at reasonable prices. Col. Geo. P. Bellows will do the selling and bids may be sent to him in care of Messrs. J. H. Harvey & Son.

DO YOU WANT A GOOD FARM?

To anyone that wants a good home, the farm that is advertised in this issue by Messrs. L. A. Briggs & Co., of Kansas City, Mo., is certainly an attractive proposition—480 acres, with two sets of improvements, one house having twelve rooms, with bath, hot and cold water, etc., two windmills, three wells, 4,000-bushel graugary, two barns, sheds, implement house, etc., rural route, telephone. A new railroad is to be built through this section and there is a chance for a town site on or near this land. This is surely a bargain at \$30 per acre. This farm will be taken off the market if not sold by January 1st. Messrs. Briggs & Co. are anxious to get in touch with those who want to buy. Look up their advertisement on page 24 and write them for terms and full particulars.

BROWN'S CLOSING OUT SALE.

One of the good Short-horn sales to occur the latter part of November is the dispersion sale of Mr. John Brown, of Doniphan, Neb. The offering will consist of eighteen cows and heifers of breeding age and eight bulls, including the herd bull, Golden Dale 216868 by Parkdale Champion 172108. He extends to those who may be interested a cordial invitation to attend this sale, Monday, November 19th, at the farm near Doniphan or Hastings, Neb. Parties may easily reach the farm from Grand Island or by way of Hastings. Free conveyance from either Doniphan or Hastings and entertainment while at the farm. The cattle are in good thriving condition and will be put into the sale without extra preparation to sell on their merits as breeding herds, having sufficient individuality to warrant this statement. Some of the cows are with calves by their side and will be sold together, except some of the older calves which will be sold immediately after dam. Remember Mr. Brown is selling

them all and it gives the breeder who is looking for seed stock a chance to pick up what could not be bought otherwise. Mr. Brown is the first to sell in this great week of Short-horn sales and has the goods to offer. Catalogs now ready and can be had by addressing Mr. John Brown, Doniphan, Neb.

ANDREWS' POLAND CHINAS.

One of the most modern and best equipped hog farms in the state of Nebraska is that of Mr. Ed Andrews, of Kearney. At this farm you will find that the hog business is conducted in a manner that only one with years of experience is able to do. Mr. Andrews believes in raising them on largely bone and muscle-producing foods which can be had in the large alfalfa fields on this farm. One of the last additions to this great herd is the boar, Immense, purchased from Mr. W. C. Welch, of Harveysburg, Ohio. This hog was a winner for third place in class at the Ohio State Fair and was said to have had many friends for a better place. He was sired by Golden Rule 85737 by Perfect Perfection 55617, he by Chief Perfection 2d 42559. His dam was Fruit's Perfection 19482 by Chief Perfection 2d 42559. He is a line-bred fellow, and a hog that is liable to make them go some in the show ring next fall. He will weigh right at 650 pounds; is as smooth as a ribbon. He has a wonderful ham, good, even side lines, plenty of depth and a set of limbs that would be a credit to any hog. Mr. Andrews will hold a brood sow sale the latter part of January, and there will be several sows in this sale bred to this hog. Watch for the sale date in The Homestead and go and buy a sow bred to this good hog.

E. S. TURNER, OF COLFAX, IOWA, SELLS SHORT-HORNS AT NEWTON, IOWA, NOVEMBER 28TH.

On the day following the Parsons and Stewart sale of Short-horns in the pavilion at Newton, Mr. E. S. Turner, of Colfax, Iowa, will sell forty-eight head of choice Scotch-topped Short-horn cattle, forty-seven of which are females, and a Scotch bull, Red Victor. Red Victor was bred by Mr. H. D. Parsons and has proven a very valuable sire in the hands of Mr. Turner. He is a rare bargain for some one who desires a strictly up-to-date Scotch herd bull. This offering is exceptionally attractive in one way at least. Fully fifteen of the cows will sell with calves at foot, and forty of these females are now of breeding age and will have calves at foot on sale day or be bred to Red Victor, the above named bull. Mr. Turner has made a specialty of rapid-breeding, heavy-milking Short-horn cattle, that showed an adaptability to take on flesh rapidly as soon as dried off from milk. We have carefully inspected each and every animal in these offerings and will have considerable to say in future issues relative to their individual merit. In the meantime all Homestead readers should make application for catalogs. For the Turner sale apply to Mr. E. S. Turner, of Colfax, Iowa.

SHORT-HORNS, POLLED DURHAMS AND POLAND CHINAS AT AUCTION.

On Thursday, November 15th, Mr. J. C. Glaser, of Avon, Ill., will offer for sale forty-five head of Short-horn and Polled Durham cattle. Mr. Glaser has been a very successful breeder of Polled Durham and Short-horn cattle, as well as Poland China hogs, but is compelled on account of sickness and the scarcity of help to close out his cattle and hogs at public auction. The most fashionable families of the breeds have been drawn upon for breeding stock and the cattle, while not fat, but in good, strong breeding condition, are such as will prove valuable additions to many herds. Several of the cows go into the sale safe in calf to the herd bull, Bell Boy, a son of the noted breeding and show bull Golden Hero, an unbeaten show-yard winner. Bell Boy is also included in the offering and some breeder in search of a good Polled Durham bull should not overlook this opportunity. Several other good young bulls are included in the offering, many of which are old enough for service. Dewey's Cambridge Lad by Cambridge Lad 3d, and Maggie's Marshall by Marshall Abbottsburn Jr., are two very good yearling bulls that should attract breeders throughout the entire country. Mr. Glaser is also offering for sale a fine lot of Poland China hogs of the useful sort. They are mostly sired by boars of Perfection family and are in nice shape. The farm is also to be sold that day and by referring to the advertisement a full description may be obtained. Catalogs are now ready and will be sent to all who write, kindly mentioning The paper, as per announcement on page 37 of this issue.

STANSELL & MATERN'S DUROC SALE.

Every breeder of Duroc Jerseys should plan to be present at McNabb, Ill., on Wednesday, November 14th, to attend the annual fall sale of Messrs. Stansell & Matern. These two breeders have a very fine lot of young stuff included in their sale that should prove a valuable addition to any herd. At the head of their herds they have two very good boars, Chief of All, a grandson of Ohio Chief and one of the best breeding boars to be found anywhere, and Kant Bee, a son of Kant Be Beat and out of Queen Ruby by Top Notcher. The majority of the entire offering is sired by these two boars. They are uniform in type, color and conformation and will do the buyers much good. The writer representing this paper has during the past season had the opportunity to repeatedly inspect this herd and is pleased to recommend it as one of the best-bred and most useful to be found anywhere.

OUR RED LETTER

Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date 1900.

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker; as per your special offer to Homestead readers.

Name

Postoffice

Rural Route State

A gilt and boar farrowed April 14th by Chief of All and out of Lottie Wilkes II. by Exchange are an unusually good pair of pigs and should go to some good herd. A March 30th gilt by Chief of All and out of Thick Girl 4th is a very good pig and some breeder who wants a good sow will find what he wants in this gilt. There are a number of very fine gilts included in this offering, which breeders will find will make them good money in their brood sow sales. They should not be overlooked, as they are in excellent shape for breeding purposes. The boars are equally as good, and the breeder or farmer who is in the market for an extra good boar will find what he wants in this offering. Catalogs are now ready and will be sent to all who will write as per advertisement on page 32 of this issue. Bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled. Plan to be present sale day.

THE LAST CALL FOR THE GODDEN SHORT-HORN SALE.

The sale of Short-horn cattle belonging to Messrs. J. & I. J. Godden, will be held at their farm near Bradgate, Iowa, on Wednesday, November 14th. Forty-six head have been cataloged for the sale, eleven head of which will be bulls, including their Scotch herd bull, Prince Malcolm. The latter bull is four years old and is a son of the Gerlaugh-bred bull, Malcolm, he by Royal Favorite out of Imp. Missie May. This bull has been used with marked success on the Godden herd and is now sold because they are retaining his heifers in the herd. He is a red in color and is a good breeder, and here is the place that some man will get a Scotch bull and get him right. Most of the younger bulls, and there are about ten head of them, will be sired by Prince Malcolm. Blossom Prince is No. 5 of catalog and is a two-year-old Orange Blossom heifer. She is sired by Gloster Prince, a richly-bred Duchess of Gloster bull, and her dam is a daughter of King Victor. No. 6 is Gloster Lady, a yearling daughter of Prince Malcolm, and she is a royally-bred Duchess of Gloster heifer. They are putting in some good Scotch-topped females, most of which have four and five top crosses. The Duchess and the Sanspareils, of which there are quite a number, have been good producers in the herd and a great many of them will have calf at foot by Prince Malcolm, and some rebred again to him. The cows are good milkers

and always raise their own calves. All in all it is a very practical, money-making lot of Short-horns and it will be a good place to buy. Those of our readers who are looking for some good bargains should attend this sale. Their catalog is ready for distribution. Write for it at once and kindly mention The Homestead.

McLEMORE'S SHORT-HORN DISPERSION.

A sale of Short-horns that is looked upon with much interest by breeders and farmers of the West is the dispersion sale of Mr. W. M. McLemore, of Kearney, Neb. It is with deepest regret that Mr. McLemore parts with this grand herd, but having sold his farm and having no place to put these cattle, he will offer to the public that which has taken him years to produce. Mr. McLemore has made the Short-horn business a life-time study and as a cattle judge or breeder he has few equals in the business. Mr. McLemore has selected these cattle with great care and reserved only his idea of a dual-purpose critter with great scale and substance, and could this herd have been kept together, properly cared for, it would have, no doubt, some day made one of the great show herds of the West. Twenty-six of these grand females will have calves by side and most of them are bred back to one of the three great herd bulls now in service in the McLemore herd, and we can say without fear of contradiction that they are as useful a lot of the right type as will go through the sale ring this fall. The bull offering is a very strong one in both breeding and individuality. One of the good bulls to be offered is the three-year-old Cruickshank bull, Second Baron, a Parson's-bred bull sired by the great Baron Victor. This great sire, Baron Victor, is the sire of the six highest-priced bulls ever calving in Iowa—one of them going to California at the neat sum of \$4,000. We wish to call the attention of those looking for a good yearling to Lot 2 in the catalog. This massive youngster, Royal Aberdeen, is a pure Scotch bull, with breeding and quality enough to head any herd. He is a very smooth, heavy-boned fellow, with extra good lines; is a roan, and is conceded by those who have seen him one of the best calves they have had the pleasure of seeing this year. We wish to extend a very cordial invitation to all lovers of the good Short-horns to attend this sale, whether they wish to buy or not and look over a grand lot of dual-purpose cattle. Catalogs are now ready and can be had by dropping a card to Mr. W. M. McLemore, Kearney, Neb.

DON'T BUY GASOLINE ENGINES

alcohol engine, superior to any one-cylinder engine; revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mrs. Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.

UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or

I Sell Scales My Scale is Used by the U.S. Government Which Proves Its Quality

Direct From the
Factory on

30 Days
Free Trial

No Jobbers,
No Dealers,
No Agents,
No Money Down,
No Notes to Sign.

I AM willing to PROVE that the Knodig Pitless Scale is the scale you want. I will send a set to you, or to any responsible Farmer, Stockman, Elevator Man, or Grain Dealer, on a month's free trial. You have nothing to pay until you are satisfied. No deposit, no notes to sign, nothing to do but give the Knodig a fair, honest trial at MY risk. If it doesn't please you, send it back, and I will pay freight BOTH ways. No other scale is sold this way.

DID you ever stop to think, that you are making a big mistake by not having a Farm Scale? Everything you SELL and everything you BUY is weighed and priced by the "other fellow." When you sell a bunch of Steers, the buyer weighs them on HIS scales, which it is safe to say, never make any mistakes in YOUR favor. When you dispose of a drove of Hogs, you not only accept the buyer's PRICE but his WEIGHT. As well, he always has the whip hand of you. Yet when you turn around and BUY Flour, Sugar, Feed, Ham or Bacon (made, perhaps, from the very Hogs you Sold,) you THEN accept the SELLER'S price and weight. It is the same way with your Grain, Hay, and other farm produce. —You are the ONLY person in the community who is never SURE of getting full value for the things you buy and sell. Isn't that so?

Dear Sir:

If you expect to buy a scale now or at any future time, the thing for you to do today, — right now, while you think of it — is to write for the "Knodig" Pitless Scale Catalogue.

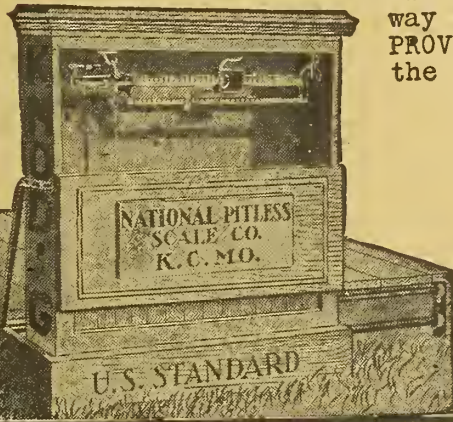
It is the most complete and attractive scale book ever printed. It contains over 40 handsome illustrations of interest to every Farmer and Stock Raiser in the land. It shows just how you can save from \$35 to \$50, and at the same time get the best scale made. It explains why this saving is possible as a result of the "Knodig" direct-from-factory selling plan, — how you get the profits that usually go to the Jobber and Dealer. And it tells you how you can buy the "Knodig" Scale on a month's free trial, without the advance payment of one single penny.

You simply can't afford to buy a scale until you know all about the "Knodig Pitless." Yes, I mean just that. And I say it more for your sake than for my own. While I earn my bread and butter making and selling "Knodig" scales, yet one more customer means less to me than getting the right scale at the right price means to you. So, cut out the Coupon below, fill it in, sign and mail to me, and I will send you the "Knodig" book right away. Or, if it's more convenient for you, just say on a postal card, —

"Send me your free scale catalogue." Either way will suit me. All I want is a chance to PROVE that the "Knodig" is the best scale for you.

Yours very truly,
Gen'l Mgr. NATIONAL PITLESS SCALE CO.
2011 WYANDOTTE STREET, KANSAS CITY, MO.

H. C. Gumbel



Cut This Out and Mail Today.

H. C. Gumbel, Gen'l Mgr. National Pitless Scale Co.
2011 Wyandotte St., Kansas City, Mo.

Please send me your Knodig Pitless Scale Catalogue.

My name is _____

My address is _____

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

THE SHEEP BUSINESS.

In this day of a mania to "get rich quick" one ought not to look very far for a business that will pay big. Prosperity seems to be on every hand, and values have doubled in the past decade, the demand for mutton has increased proportionately and prices for both wool and mutton have gone skyward. Why should a man look for a more lucrative business? The mental picture of "the golden hoof" is about to become practical in all its aspects.

A constant change in the sheep business of the United States is going on. Not long ago almost all the sheep in the United States were found in the East. Wool was then the sole consideration. Later flocks came west until now two-thirds of the sheep of the nation are west of the Missouri river. Then there was a clamoring for more wool of a more excessive fineness—now the desire is for more mutton of a better quality. The reason for this demand is apparent—there are more mutton eaters.

The range is gone, or practically so, with its free grass, and there will be a more urgent demand for farm sheep. This means that better sheep must be kept and they must have better care, and the breeder must cater to the demands of his nearest or best market.

We believe now more than ever that the sheep business will never be overdone. The army of mutton eaters is

increasing faster than the flocks are increasing. Were this the only string to the bow it would be worth catering to, but there is another—wool, which has been selling and is now selling at remunerative prices. Sheep are subject to disease as is almost any other animal, but no disease with which we have met is so hard to combat as cholera in hogs. Most diseases of sheep yield to treatment, and many can be averted by proper care. A sheep never dies in debt to its owner. It will convert into mutton weeds and coarse fodder which would otherwise go to waste.

PERIOD OF HEAT.

I have bought some ewes and I would like to know how long it would be after the ram is turned in before I can reasonably expect that the ewes are with lamb. V. R. D.

Longworthy, Iowa.

The period of heat in ewes is fourteen days, and if the ram is what he ought to be two weeks would be plenty. It is better to prolong the period of breeding for the reason that occasionally an over-fat ewe will not conceive at the first copulation. Sometimes difficulties will arise that are unlooked for, and for that reason it is better to delay taking him away. Watch the ewes closely after two weeks to see if they again come in heat.

DO SHEEP ENRICH THE SOIL?

For many years chemists have been experimenting along certain lines to ascertain, if possible, the amount of fertility removed from the soil by grazing. Some scientists have claimed that pasturing with sheep will exhaust the fertility supply. If the laboratory teaches this, it is exactly contrary to the experience of hundreds of sheep men who know practically nothing about chemistry. We know that constant grazing of sheep on the same pasture for a number of years increases the productiveness of the soil, though no doubt in the matter of pounds of fertility there is a lessening of the supply.

We have on our farm a pasture that has been to bluegrass for twenty-five years, during which time no other kind of stock has been pastured on that part of the farm. It will pasture double the number of sheep that it would in the 80's. The season of pasturage is longer, the grass better, and there has been a constant increase in available fertility as exhibited by the amount of grass

Dip

Chloro-Naphtholeum Dip

For Cows Hens Hogs Sheep Horses

KILLS—Ticks, Lice, Pests. **CURES**—Scab, Mange, Germ Diseases. **HEALS**—Wire Cuts, Sheer Cuts, Sores, Bruises. **Disinfects**—Hens Houses, Hog Pens, Barns, Privies. It's needed most in cold weather, when your stock is confined closely and breeds lice and gets all sorts of pest or germ diseases.

I'll send you a GALLON—enough to last all winter—prepaying freight east of the Rockies. You'll know the good it's doing in 30 days. If it is worth \$1.50, just send me the money. If it isn't worth \$1.50 to you, just send back the can and what you haven't used—at my expense. No obligation to me—I want you to try it. I know that Chloro-Naphtholeum Dip has saved thousands of farm animals from death and thousands of dollars to farmers. Write for a gallon today.

F. TAUBSIG, President West Disinfecting Co., 21 E. 39th Street, NEW YORK CITY

Now or Never

same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, **F. C. THACKABERRY,**

No. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Ewe lambs at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same Ram for sale, 130 to 175 lbs. weight. Herd Boar 81697, by Chief Perf. 2d 42559, also took 2d at same fair. Write for prices. **FAIRVIEW STOCK FARM, TAMPIO, ILL.**

it produces and the number of sheep it will keep.

No other animal makes a more thorough distribution of excrement than the sheep. No kind of fertilizer can so readily be taken up by the soil as manure from sheep. We shall continue to believe, until practical experience and a chemical analysis in unison teach us otherwise, that sheep grazing does improve soils.

A Successful Combination.

The Combination Oil Cure for Cancer and Tumor is a recognized success. Beware of imitators. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

CITY TICKET OFFICE, 512 WALNUT ST.

When you think about traveling call at City Ticket Office of the Minneapolis & St. Louis R. R. (in with the Wabash), at 512 Walnut St., where you will secure the best and latest information. Don't forget the M. & St. L. sells through tickets via St. Paul, over the Northern Pacific, Great Northern, Soo Line, as well as all northern routes. Trains leave Union Station, Des Moines, 8:15 a. m. except Sunday, and 9:05 p. m. daily. Solid through trains to Twin Cities. We are the SHORT Line to Minneapolis. Cafe car on morning train, serves dinner and supper. Night train has new electric lighted sleepers. All cars nice and comfortable. W. K. Adams, D. P. A., D. B. Ransburg, C. P. A., Des Moines, Iowa.

HOMESEEKERS.

HOMESEEKERS. Every Tuesday, October and November, via M. & St. L. R. R. one fare plus \$2 for the round trip to points in Minnesota, Dakota, Canada, tickets good twenty-one days. Also first and third Tuesdays, October and November to Montana, Washington, Oregon.

The M. & St. L. is "The Road that Runs"

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy ram and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs., champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros. Kellerton, Ia.

GOTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my supported Percherons, English Shires and Belgians stallions at \$1,000 each.

A. LATIMER WILSON, CRESTON, IA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th.

GEORGE ALLEN, LEXINGTON, NEB.

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation.

D. M. NORTON, Sanborn, Iowa.

Registered Shropshire Rams and Ewes OF the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

and trains leave Union Station, Des Moines, at 8:15 a. m. and 9:05 p. m. New electric lighted sleepers, all nice coaches. Call at City Ticket Office, 512 Walnut St., or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., Des Moines, Iowa.

The Homestead and The Homemaker \$1.25 per year.

BIG FARM PAPER A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$20,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people. Its circulation reaching every state in the Union. Address with stamp Valley Farmer, 675 Jackson street, Topeka, Kan.



Save \$25.00 On FUEL this Winter

\$25.00 is the wages of one man for 30 days. It is 5 per cent interest on \$500.00 for one year. You can save this amount this winter, and every winter that your home is heated with a Cole's Hot Blast Stove.

The big expense in heating your house is the fuel, not the first cost of the stove.

You are wasting DOLLARS in high priced hard coal through leaky joints and poor radiating surface. You also waste HALF the Gas Half, the best heating half of coal, by imperfect combustion.

Cole's Hot Blast Stove

saves all heat and fuel wasted with other stoves.
Cost of Stove More Than Saved
In Fuel Each Winter

Gives cleanliness and even heat day and night with soft coal you never dreamed possible. Uses less hard coal and gives more heat than any base burner. Your home dealer will set one up in your house on our guarantee backed by his guarantee, at

\$10 and Up

GUARANTEE

- 1.—We guarantee a saving of one-third in fuel over any lower draft stove of the same size with soft coal or slack.
- 2.—We guarantee Cole's Hot Blast to use less hard coal for heating a given space than any base burner made with the same size fire pot.
- 3.—We guarantee that the rooms can be heated from one to two hours each morning, with the soft coal or hard coal put in the stove the evening before.
- 4.—We guarantee that the stove will hold fire with soft coal thirty-six hours, without refueling.
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WITH THE EDITOR.

A woman well known in the literary world has for her motto: "If you have not what you like, then like what you have." There are a host of people whose happiness, not to speak of that of those who live with them, would be improved by taking this motto and making an effort to live up to it.

There is Mr. Discontented who is eating his heart out because he is only a renter, while his next neighbor owns 120 acres, which he inherited. Of course it would be pleasant if Mr. Discontented owned his land, but he has possessions which are far more valuable than mere acres; he has a jewel of a wife and three fine children. The thing for him to do is to give up thinking about his "lucky neighbor," and study how to make the most of his rented farm, and seek for the happiness which might be his in his home. As it is, if he pity himself hard enough and long enough he'll lose heart and energy, his health and his work will suffer, and the first thing he knows, he'll be on the down grade.

Mrs. We-Never-Have-Anything-Like-Other-Folks has a fresh grievance every little while. Just now it is that since they moved to the farm the poor children, lads and lassies between the ages of seven and thirteen, have a mile to walk to school and will surely get sick from wet feet. In town they lived in a flat, and school was just around the corner on the next block; in consequence the children got little fresh air and practically no exercise. Instead of bemoaning herself, Mrs. We-Never-Have-Anything-Like-Other-Folks should be congratulating herself that her children will become hardy and healthy roughing it, and that they will grow up much better fitted for the struggle of living than they could hope to be under the conditions of city life.

Mrs. Without-a-Maid wails over the unhappy fate which compels her to do her own work. If she were wise instead of sighing for the moon—a servant is out of the question—in the morning she would say to herself, "What a blessing it is that I am well and strong." At noon it would be "How helpful John is growing, and so appreciative, too; it makes the work ever so much easier for me." Then at night, as the children "washed up," it would be, "Well, it is good for the children that we have no girl; they're learning things that may be very useful to them someday."

Mr. and Mrs. Ambitious are unhappy because their children cannot have the advantages which their cousins are enjoying. Now, there is no harm in desiring advantages for the children. Far from it. But if the coveted advantages are beyond the power of the parents to give, is it not wisdom to bow to the inevitable and make the most of the opportunities which are, or may be brought within reach? It may be that what the children need most is not a college education, but a sunnier, happier home life, the making of which would chase gloom from the eyes of father and bring smiles to the face of mother.

Too often we weary ourselves chasing distant and unattainable pleasures when we might be richly blessed if we would but open our lives to the joys close at hand. There is both good sense and sound philosophy in liking what we have if we can't have what we like.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

All honor to him who wins the prize. The world has cried for a hundred years; But to him who tries and fails and dies, I give great glory and honor and tears.

—Joan Miller.

Soon or late, to all that sow,
The time of harvest shall be given;
The flowers shall bloom, the fruit shall grow,
If not on earth, at last in Heaven.

—John G. Whittier.

About the only reward offered for virtue is the thing itself; but it's worth while.

A CURE FOR COLDS.

Here is a sure cure for colds of any kind. It has been tested repeatedly, and has never failed, and as I used to catch cold, which resulted in a bad attack of bronchitis, I can speak from experience. In cases of pneumonia it will not fail to cure if taken in time. Make a ball of cotton batting about the size of a small marble, saturate it well with alcohol, then drop on it six drops of chloroform; cover it lightly with a thin piece of cotton batting, hold to the mouth and

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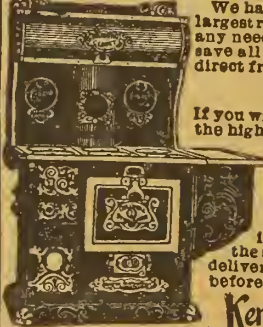
The shoe you see here has vamp and upper all in one piece—no seam to rip. The back seam is "cylinder fitted"—extra strength there. The vamp goes clear to the sole over the toe so that, if your toe cap wears through, the vamp toe is still there. We line our shoes with heavy lined duck—one piece linings—no inside seams with edges to chafe and blister your feet. Ask your dealer for



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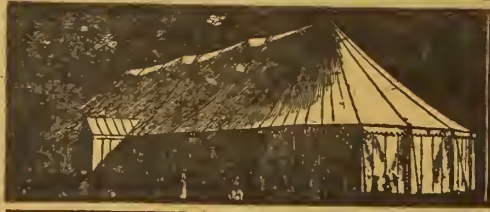
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inhale the fume, inflating the lungs well. It will open and expand every lung cell instantly.—Woman's Home Companion.

CABBAGE WAYS.

Rice With Cabbage—Boil separately well-washed Carolina rice and a small spring cabbage; drain the cabbage and cut into tiny pieces; mix with it the drained rice and add one ounce of butter, salt and black pepper. A little cream and a tablespoonful of Parmesan cheese may also be added, and will be liked. Stir over the fire until quite hot; serve with croutons of fried bread.

Swiss—Remove the center, fill with sausage meat and put thin layers of sausage meat between the leaves; tie securely in a cloth, boil till tender, drain, pour over a cupful of hot vinegar and serve. The sauce recommended for hot slaw may be used with this dish.

Fried—Chop cold boiled cabbage and press out all possible moisture; season with melted butter, pepper, salt and three or four tablespoonfuls of cream or rich milk; add two well-beaten eggs and cook in a buttered frying pan till smoking hot, stirring constantly, then cease stirring long enough for it to brown on the bottom; turn out on a serving dish and garnish with hard-boiled eggs. Has meat value.

WINTER BULBS.

There is nothing so sure to bloom in the ordinary home window as the hardy bulbs, and it is time they were put to work. The hyacinths are the favorites, but there are many others that are beautiful and easily grown. Among those grown in water are

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the Chinese sacred Lily, narcissus, crocus and hyacinth. If they are planted in water they should have sand or small stones to anchor the bulb and keep it in place, otherwise the roots are apt to push the bulb out of water. They can be set anywhere that does not freeze, and when the roots begin to put forth they should have the sunshine, or strong light. If set in soil, they must be set away in a dark place for six or eight weeks, keeping them moist, not wet, and the roots will form, giving stronger blossoms.

Before planting a Chinese lily bulb, carefully pare off all the dark part and cut two or three slits half an inch deep up and down the side of the bulb; this causes

the shoots that are too weak to burst through the tough outer layer, to come out, and each shoot will have blossom stalks. When the leaves are about eight inches high, cut the tops back, and the bloom stalks will start earlier. Do not allow the water in the vessel that holds the bulb to become sour; flush it every few days with fresh, tepid water, taking care not to disturb the bulb. The water can be readily changed by overflowing the vessel.

The narcissus bulbs, especially the paper white and the golden sacred lily, are as satisfactory as the Chinese lilies, which they resemble. They may be treated in the same way. The Roman hyacinths, either single or double, are fine; but the single-flowered ones are by far the best bloomers for water treatment. Crocus bulbs are very cheap—about sixty cents per hundred, and can be grown in sand and water.

Tulip bulbs are cheap, and one can begin with the extra early Duc Van Thols and keep right on with some from each class, till the late Bizzards are reached. One can have them in bloom for about ten weeks, thus, and those who have never grown them will be surprised at the beauty of the border during the flowerless, stormy, early spring months. Give them good soil, no raw unrotted manure, and plant tulips full five inches deep. Try at least a few bulbs in the border, if not in the window; but "try to try" both ways.—Helen Watts-McVey.

AMONG OURSELVES.

General interests have suffered somewhat during the discussion precipitated by Aunt Ruth. Today I propose that we go back a little. It will be remembered that we were swinging off into a discussion of family matters when the subject of woman's work in the field switched us off. At that time Mrs. Fell wanted to express her opinion on President Roosevelt's attitude regarding the size of the family; we shall hear her now:

Mr. Roosevelt better pass his salary around to some of the poor mothers of large families, to hire help (or come himself and take up her duties for a month or two) so

she can go off on a "hunt." I know by the time the month (or even half of it) is up he'd think a few children enough for one poor, weak woman to rear; he'd find that washing, ironing, baking, churning, scrubbing, sewing, mending, etc., and so on, day in and day out, with over so many pauses for whines and howls from a dozen children isn't quite so much fun as meeting here and there all over the continent for social gatherings. Borrowing neighbors! We have had enough experience to do us! It's lots of fun to loan machinery and not have it returned when you ask for it; then do without it rather than take time to go after it. When you just can't do without it any longer you go and gather it up by the piece and make it over again before you can use it. I loaned a dress pattern to my neighbor last spring. She knew I had a new wrapper pattern, so, I suppose, she thought I didn't need but one pattern at a time, as she has never returned the one I let her have, so I just ripped up an old dress to get the pattern again. She even asked me for the new one before I had ever used it myself. Now don't I wish I had "loaned" (or given) it to her, too? I think a society club for the farm ladies would be an enjoyable affair. I wish our ladies would start one. I will give up the floor now to newer and more interesting subjects. Should my letter be appreciated I will feel paid for the few minutes it took to write it. Now, could some of you give me a good recipe for removing rust from young plum trees?

Mrs. Wilcox has also a word for us on the first subject touched upon by Mrs. Fell, a word which will commend itself to many:

As to large or small families, I believe the woman is the happiest in the end who takes cheerfully the burdens of married life as they come to her, be her babies few or many. "Stepping Heavenward" is a helpful book to read in connection with this subject. Then, another subject touched upon—of the farmer's indifference to his wife's wishes for better home surroundings. Now, I am a "bred in the bone" farmer. When driving through the country I always notice the different farm homes, and, quite often, you will see things spick and span around the barn lots and the dooryard full of cans, rags, sticks, papers, etc. Now, I claim that is the woman's fault. Let her keep things tidied up around the yard. There is a lot of tact, too, that must be used. If having a nice lawn and flower garden is your hobby, keep talking about it and have it all planned. A small one gives the best results, and fall is a good time to begin it. Some noontime or evening take the husband out and tell him what improvement you want to make in the yard and coax him right into your scheme, and then begin at once with the work. Still another subject—of the wife's pin money. I am a firm believer in two pocketbooks, or the wife carrying her own pocketbook; let her keep account of all the poultry, eggs, and butter or cream that she has personally attended to. Even if she does spend the money for necessities it will give her an independence to know how far it went towards helping along, and it hardly ever takes it all when the woman spends it herself.

We also believe very strongly in the financial independence of the housewife. If she is inclined to be economical she can be trusted with her own well-filled pocketbook just as well as the husband. We know of many women who receive a monthly allowance and on this are expected to run the household. The amount is arrived at from past experience and where it is necessary to practice economy this is made as nearly as possible to meet the requirements. Where a husband can afford to do so it should be a pleasure to him to be somewhat liberal in this matter of allowance. The difficulty is in finding both husband and wife equally interested in saving the family stipend.

We were talking a while back about the age when girls should marry. Since then two letters have been received which I think the circle should not miss. Katherine Rose will speak as a maid, Dutch Cousin Madge as a wife:

I have been an interested reader of Among Ourselves for some time and as the young people are asked to write I am happy to add my mite. I think it is much better for a girl who has a good home to wait to marry till she is at least twenty-three. This gives her an opportunity to make it pleasant for dear mother. Give mother a chance to travel some and visit her friends and then hear her laugh and make jokes as you didn't know mother could. A person must learn to be happy single if they would live a happy married life. Every girl should, if possible, be given some time for music, for what a delight it is in the home! What a help to herself in expressing the emotions of her soul, whether of joy or sorrow! I wonder if any of the readers live far away from church and Sunday school, and are longing anxiously for such privileges for themselves and children. If any of you are, why don't you ask the pastor of a neighboring church to help you organize, and some of the young people of the Young People's Christian Society who are anxious to do missionary work to help you with the singing and teaching? A country school house is a very good place to hold the Sunday school. I have worked in a Sunday school like this all summer, so I know what a success it can be and how it has broadened my own life.

To mothers I would say: If your daughters are old enough to get married, do not hesitate to let them marry a foreigner if he is a good sensible young man. But, girls, know the boys and their parents before you marry them. And by all means, girls, do respect yourselves and never under any circumstances submit to a young man's passion. Many an inno-

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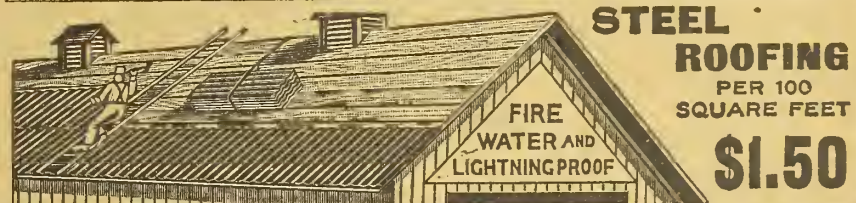
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cent young girl has ruined her reputation in this way. The man promises, "We'll get married," then he never does marry you, and even if he did, it is a terrible disgrace, and also an awful sin; so, girls, be on the watch and pray the Lord to help you to refrain from this sin which is cursing our nation. If the man really means to make you his wife he will respect you all the more because you honor yourself.

The need for such a warning as Dutch Cousin Madge utters is impressed upon me by some half-dozen letters received recently, each one of which deals with girls who have fallen. Some time after the new year I hope to make place for some of these letters; meantime I feel constrained to ask that every mother and every daughter in this circle lay to heart the words just spoken, and listen carefully to what Mrs. Lowater has to say:

While we are discussing the ethics of "many things," I would like to ask the sisters what they think of the mother who allows her young daughter, often sixteen or younger, to go away alone with a young man, to attend a celebration or an evening entertainment. I have heard mothers say, "I do not like to have her go, but I cannot help it." The other girls in her set go, and she would feel terribly abused if I did not allow her to go." As a general thing these girls have grown up from the children we lately discussed, who were allowed to become a terror to the neighborhood and a nuisance in every house which they entered, because their mothers were too selfish and indolent to take the trouble to control them. And it is now too late for her to attempt to control their conduct in any way. It is from these young people, thrown together without supervision or restraint when too young to know anything of life, human nature, or social propriety, that the lists of forced marriages, unhappy families, and di-



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voices, are largely made up. I have no sympathy for the mothers in such cases, but my pity goes out to the young man or woman who was never taught to control himself as a child, and must reap the harvest of a ruined life in consequence.

Terribly distressing are the unspoken things that lie behind such letters as the last two. They are things we hardly dare speak about in a circle like this,

and yet they should be spoken about somewhere, spoken about with pure minds and clean speech, spoken about so forcefully and earnestly that the horrible evils hinted at may grow less and less until they disappear.

How many evils there are, and how many of them touch us, some in one place and some in another! Mother Matilda, who is a child-lover, is moved to expression by a wrong that is being done children:

It seems that when we get waked up in this circle we make things move, and the subject of girls working in the field has been well thrashed out. I say amen to those who oppose it, but another thing is on my mind—Is it right for us to keep our boys and girls out of school to work? If I was to say fathers and mothers who do so were robbers, you would hold up your hands in horror, but are they not robbing their own dear children of something which they can never return to them? It makes me heart-sick to see fine, manly boys out of school husking corn and helping with the fall work. Fathers and mothers, these are the ones God gave to the world to take our places, and as we can look back and see so many lost opportunities, can't we do better and make up some of them to our sons and daughters? I, for one, think that it is next to a crime to keep them out for work. The corn had better go without husking rather than lose one month of precious schooling. Time is so short our babes of today are out in the world tomorrow. It is "up to us" to give them the best and all of it, at that, that we can. Mothers, don't keep your daughters out to clean house or wash. The house had better go dirty and the washing wait until Saturday rather than to have your dear ones behind in their classes.

Parenthood is an altar of sacrifice on which self is, or should be, daily offered up. Those who shrink from its sweet martyrdom should not assume its obligations because to do so is to sin against helpless childhood. Just how much children have an absolute right to is something of a problem, but, in our day, an education is among the necessities. To deprive a child of it is to commit a crime.

One of the delightful things about this circle is its power in bridging distance. Mrs. Dodge away up in Canada speaks and Mrs. Lawrence here in Kansas rises with outstretched hand:

Mrs. Dodge's letter interested me at once. She seems to be one of those happy individuals who find beauties and pleasures in spite of trials and adverse environment. She has moved from an eastern state, to try life in a new country. We are glad she has taken the opportunity to give us a little glimpse of the nature life in her Canadian home and incidentally has expressed a desire to belong to a club. By all means, Mrs. Dodge, start a club. Let me tell you a little experience of a friend of mine, a former member of Minervian Club. Two years ago she moved to western Kansas, leaving the home of her childhood, her parents and brother and sister. We missed her very much in our club work; were all sorry

to have her go. Last summer I visited her in her new home. I was greeted with "Oh! you must stay till next week. Our club meets then." Our club? Yes, she had organized a club, as soon as she became acquainted with her new neighbors. She first told them of the pleasures and profits found in her old club and invited the ladies to meet with her in her home. Much interest was shown and soon they had a good working club of their own. In this instance many of the ladies had to drive seven to ten miles, so they arranged matters with the "gude mon" at home and made an all-day affair of it, meeting once every two weeks. Mrs. D. will observe that a new country is no obstacle to forming a club, nor is a small house, as the gathering will likely be small where neighbors are few and far between. We will hope in course of time to hear of the Dodge Club.

Another club letter has been received, but has unfortunately gone astray. Will the friend who wrote telling about the Chautauqua course be so very kind as to write again? I want the circle to have just the information she gave, and I regret exceedingly that her letter cannot be found.

Dressmaking and Millinery—No. 542.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

In a way, fashions in furs may seem a little out of our line, and yet a few suggestions as to the correct things to select in this line may prove helpful to those who do not have access to a large assortment from which to choose. Fur pieces or garments are really more often ordered through the home merchant than they are selected direct from the stock, and before placing an order it is wise to study the subject, and for this purpose a fur catalog will prove a great aid. One of these may be obtained from any large fur dealer, and you will find the advertisements in any of the magazines. In these all the varieties of furs are described, their colors are given, as well as a general idea of the prices and the prevailing styles. But after all this you will perhaps spare yourself grievous disappointment by allowing your dealer to purchase for you. The flat neck pieces retain their favor, and while boas and storm collars are favored, the latter especially because of the comfort they afford, the flat stoles and throws lead as to numbers. Muffs, too, are usually of the flat shape, and are large or medium large. In the selection one must be governed largely by the price, it is true, but another point for consideration that is too often overlooked is that of becomingness, and when one thinks of it this is surely of as much importance in the matter of furs as it is in the selection of any part of the wardrobe. Not all furs wear equally well. If asked in regard to the matter your dealer will give you information on this point that may save you grievous disappointment. In selecting a fur coat or jacket the wise woman will avoid the novel shapes that will be "out" in a season or two, for these garments are altered only at considerable expense, and will purchase something in the simple fitted or semi-fitted form that will not be "out of date" even



The Standard Calicoes

"Simpson Prints" were first made in the days of thoroughness, and made to last; made so well that they became the standard, and have been ever since. The same old principles are strengthened with new ideas. Better designs are used than ever before and Simpson-Eddystone Prints are now far ahead of what they used to be.

Ask your dealer for Simpson-Eddystone Prints. In Blacks, Black-and-Whites, Light Indigo-Blues and Silver-Greys, Shepherd Plaid Effects and a large variety of new and beautiful designs. Thousands of first-class dealers sell them.

The Eddystone Mfg Co (Sole Makers) Philadelphia





How and Where to Buy a Washer.

The market is flooded with poor washing machines, free offers, premiums, etc. That is not the cheapest way to get a thoroughly reliable washer. Most of them are expensive and provoking in the long run. Get a guaranteed washer, made by the reliable manufacturer. That's what we want to say to you about the

O. K. WASHER.

It's the easiest washer to operate, the simplest to understand. Our guarantee is tucked inside of every machine. The O. K. Washer will handle your biggest washing and do it so much better that you cannot afford not to have one. A beautiful machine, too, painted in maroon and fitted with gilded hoops. No warping because the lumber is Louisiana Red Cypress. The lid is steam proof.

SEND US YOUR NAME TODAY. Also the name and address of your dealer. We'll tell you where and how to get the O. K. washer, and full particulars. Address the factory.

H. F. BRAMMER MFG. COMPANY.
1455 Rockingham Road, Davenport, Iowa.



Try This Fence 30 Days Free

Buy Advance Fence direct from factory and you can try it 30 days free, and pay us factory prices if you decide to keep it. If it doesn't prove satisfactory to you in every way, you can return it and we will pay all freight. Advance Fence has the continuous

ADVANCE FENCE CO., 3486 Old Street, PEORIA, ILLINOIS

stay wire—the stay is one piece, running continuously up and down for many rods without an end. This distinctive feature makes Advance the strongest fence. Our catalogue tells all about it, and gives wholesale delivered prices. Ask for it.

should she wear it for years without alteration.

No. 5475 pictures a Princesse dress for girls from six to twelve years of age, and this season it is one that is very popular. The



[5475—Girl's Princesse Dress, 6 to 12 years.]

lines are very simple and the design is adapted for dresses for all purposes, whether for dressy occasions or for school or every day wear. In the selection of material and trimming one will be governed by the purpose of the dress, but as shown it is developed in plain blue cashmere, and trimmed in blue and white banding. The chemisette is of tucked white taffeta, but lace or silk may be used instead. The long lines of trimming on the seams give a slender effect, and these lines may be continued on the back seams if liked. The pattern provides for elbow or full length sleeves. The dress is made with fronts, side-fronts, backs, side-backs, and under-arm gores. Pattern 5475 is cut in sizes for girls of 6, 8, 10 and 12 years of age. Be very sure to give age when ordering.

A neat and very stylish pattern for skirt is illustrated in No. 5483. It is cut in seven gores, these being so shaped as to give the desired circular effect. Three forward turning pleats at each side of the front give a panel effect. Circular frills encircle the skirt terminating within a few inches of the pleats

The Iowa Gate

FOR THE FARM



Hog Tight-Sheep Tight-Chicken Tight

IOWA gates can be hung close to the ground but will never drag because the outer end is adjustable. Hog tight mesh and stretchers on every wire. Gate fastened at both the top and bottom, plain strong hinges, no wearing parts.

The Rolled Steel Tubing used in the frame instead of gas pipe makes them proof against any stock.

"A chain is only as strong as its weakest link." Why not use IOWA gates to match your good fences. You will find them strong but easy to handle—convenient in winter and summer—will swing up hill or down hill as you wish.

Cheaper Than Wood. Write now for our low prices and a dozen reasons why every farm should have them.

**IOWA GATE CO. Ninth Street
CEDAR FALLS, IOWA**

that outline the front gore. Circular frills also cross the front gore. These frills may be omitted and any other mode of trimming liked may be used instead. Pattern No. 5483



[5483—Seven Gored Skirt, 22 to 30 waist.]

is cut in sizes for a 22, 24, 26, 28 and 30 inch waist measure. Be careful to give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.



Highland Park College,

DES MOINES, IOWA

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2000
Students
Annually.

One of the largest and best equipped institutions of learning in the west. Over \$700,000.00 has been invested in buildings and equipments.

Special Terms open October 15th, November 27th, and January 2d, 1907. The new school year opened September 4th, with students in attendance from twenty-one states and Canada, and with an increase of from fifteen to fifty per cent in the various departments of the school.

All regular College Courses are maintained and in addition to these the College maintains

FIVE GREAT ASSOCIATE COLLEGES

The Normal College. This is a thoroughly equipped Normal School which makes a specialty of preparing teachers for all grades of public school work. There is also a special Primary Training Department with practice school. Supervisors Course in public school drawing. Tuition for a quarter of twelve weeks, \$12.00. Send for free catalogue.

College of Pharmacy. The largest and most complete College of Pharmacy in the country. One hundred and seven graduates last year. Regular Courses leading to the Ph. G. and Ph. C. degrees.

Special Course of three months to prepare druggists for examination before State Boards of Pharmacy.

Correspondence Course for druggists who can not leave their business. All expenses for tuition, board, room, light, heat, library, gymnasium fee in the Ph. G. course may be reduced to \$200.00, and for Ph. C. and Ph. G. Courses to \$300.00 if paid in advance. No entrance examinations.

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A Thorough College of Oratory. Special attention given for readers and public speakers. Send for catalogue.

Consider the advantages of taking your course at a thoroughly equipped, first-class College, and write for catalogue giving complete information about the work in which you are interested. Remember you can enter any day you are ready to come and your term begins the day you enter.

Address O. H. LONGWELL, President, HIGHLAND PARK COLLEGE, DES MOINES, IOWA

College of Engineering. The largest and most completely equipped Engineering Schools in the West. Civil, Electrical, Mechanical, Steam, Traction Engine, Telephone, Telegraph, and Machine Courses. Thoroughly equipped machine and wood shops. Complete Electrical and Chemical Laboratories. Shop work from the beginning.

Some specially attractive short courses in Electrical, Steam and Traction Engineering. A regular Machinist's Course where one may learn the machinist's trade. No entrance examinations. Send for catalogue and special information. Tuition, \$20.00 for quarter of 12 weeks.

College of Commerce. This is as complete a College of Commerce as can be found in the United States. It consists of the following departments:

1. Business College
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Tuition three month's in Business Course, \$12.00. Scholarship in Shorthand and Telegraphy \$40.00.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson VI. Matt. XXVI, 36-50, November 11, 1906.

Jesus in Gethsemane.

The harvest moon lighted coldly a weird scene, pale faces of tombs peering down into a shadowy valley; a brook on its way to a Sea of Death, and running red with the blood of 200,000 lambs slain that day; gnarled old olive trees, whose twisted trunks seemed to express for the vegetable world that tribulation under which the whole creation groaneth.

As Jesus passed the snowy porches of the temple, and came down into the forbidding chasm, would He not recall to Him how His great progenitor, thrust out of the same city, had crossed this very brook Cedron with face toward the wilderness; how as he went up the farther side, he wept and had his head covered and went barefoot?

The separation of the disciples into two bands was not an act of caprice or favoritism. In this instance, paradoxically, the station most remote from the Shepherd was the safest. The feeling that can be touched for human infirmity showed itself in the very disposition which Jesus on this occasion made of His followers. And if even on the burning edge of His inscrutable sorrow He could still think of and provide for the safety of His own, will He neglect us now that He is exalted to the right hand of the Majesty in the heavens?

The two who had asked to be baptized with His baptism, and the one who had first acknowledged Him the Son of God—these three, the same who had gone with Him to the Transfiguration height—were deemed best insured to go with Him into the depth of His humiliation. Jesus wanted the consciousness that human sympathizers were near; wanted to be guarded from intrusion, wanted that there should be witnesses so that the scene might be transmitted to the Church. The disciples were drowsy, but not wholly disqualified for this threefold purpose. Even to these comparatively hardy companions He does not bluntly announce the nature of His ordeal, lest He should terrify them. He says only, and considerately, that He goes to pray.

The source and nature of Jesus' agony is inexplicable. If you say it was natural shrinking from the hour and article of death, then I must say Jesus appears to have died less heroically than many a martyr—nay, even infidel, heathen, or apostate. The suffering of Jesus seems to be unlike in nature, and to surpass in degree human anguish with which we are familiar.

I suggest that, though the suffering manifested itself in His physical nature, the chief seat of it was in His moral nature. It was reversed on Golgotha. There only one word out of seven indicated any degree of moral suffering.

Away with the idea that Jesus had a sense of personal condemnation, as

if He were the object of His Father's wrath, and so that, in that sense, Gethsemane was the "Hell of the Son of God!" It occurs to me that He so became one with us as to appreciate the grief and sorrow of the whole race with such a keenness and to such a degree as that it became his very own, and well-nigh insupportable. May not this have been that cup which, if it were morally possible, He wished might be supplied by some other?

It is with Him only a question of means. His unshaken purpose is to do His Father's will. The Father is not harrying the Son on to something from which He revolts. Father's will is Son's delight.

The loneliness of Jesus is nowhere more conspicuous and touching than in Gethsemane. He coveted human sympathy. It failed Him. He looked for comforters, but found none. He trod His wine-press alone, unhelped.

The quality of Jesus' submission is not depreciated by the agony through which He passed. It is rather enhanced. Its perfection is manifested thereby. The Captain of salvation is made to appear—as He really is—perfect to us through the medium of His suffering.

It is sweet to think that from the top of this same mount, at whose base Jesus suffered such agony, He ascended in triumph until the cloud of the Divine presence received Him out of the sight of man. He stooped here; He conquered there.

Analysis and Key.

1. Approach to Gethsemane. Scenes and incidents. An historical parallel.
2. Separation of disciples. Object—Principle of classification.
3. Agony inexplicable. Source and nature of. Not shrinking from death. Seat of it in moral not physical nature. Reversed on the cross. Not sense of personal condemnation.
4. A suggested explanation. Jesus' identification of Himself with human race. So complete that total of human sorrow is assumed by Him.
5. Father and Son's oneness of purpose.
6. Loneliness of Jesus illustrated.
7. Jesus' perfection manifested through the medium of His suffering.
8. Scene of triumph next to that of humiliation.

The Teacher's Lantern.

Gethsemane was one of Jesus' trysting places. Oft on a starry night had He communed with His disciples there. In its deeper depths, a stone's throw from the nearest of them, He had often met His Father in completest fellowship. The ground was already hallowed for this final ordeal.

His Father's face was not eclipsed even by Gethsemane's midnight gloom. No shadow of a doubt of His Sonship or even

Rambler

Do you remember the horse power of twenty-five years ago?

There is no more reason in using a horse to carry you over the roads today than there would be in using one of those antiquated horse powers to do your annual threshing.

Why spend half a day traveling behind a horse when a modern automobile will take you there in one-fourth of the time and at less expense.

Progress is the order of the day, and the automobile bears the same relation to old methods of travel that the modern reaper does the scythe and cradle.

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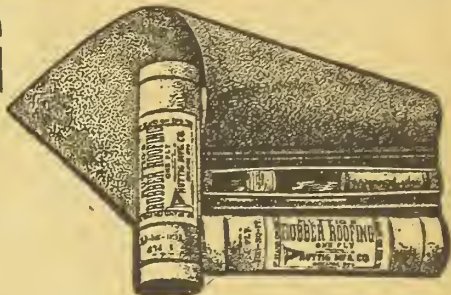
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Thomas B. Jeffery & Co.

Type 4, \$1,350.

ROOFING THAT WILL LAST.

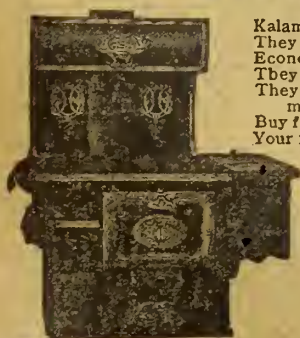


What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.

Call for Booklet B.

"A Kalamazoo Direct to You"



Kalamazoo are fuel savers,—
They last a lifetime—
Economical in all respects—
They are low in price and high in quality.—
They are easily operated and quickly set up and made ready for business.—
Buy from the actual manufacturer.—
Your money returned if everything is not exactly as represented.—

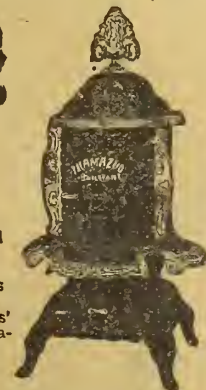
You keep in your own pocket the dealers' and jobbers' profits when you buy a Kalamazoo.

WE PAY THE FREIGHT.

We want to prove to you that you cannot buy a better stove or range than the Kalamazoo, at any price.

We want to show you how and why you save from 20% to 40% in buying direct from our factory at factory prices. If you think \$5, or \$10, or \$40, worth saving

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OAK STOVE HEATER,
For All Kinds of Fuel.

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For All Kinds of Fuel.

Examine our complete line of stoves and ranges for all kinds of fuel. Note the high quality; compare our prices with others, and then decide to buy from actual manufacturers and save all middlemen's profits. Catalog shows 267 styles and sizes for all kinds of fuel. Write now. Sold on 360 Days Approval Test.

Kalamazoo Stove Co., Manufacturers, Kalamazoo, Mich.

All Kalamazoo Cook Stoves and Ranges are fitted with patent oven thermometer which makes baking and roasting easy. All stoves blacked, polished and ready for immediate use when you receive them.



Oven Thermometer

acceptance with His Father crosses His mind. "Father! Father!" is His confident and reiterated address.

The exudation of blood from the pores is not a physiological impossibility; but it is not affirmed. A comparison only is expressed. The moisture was not first evenly disposed and afterwards gathered in drops. As in the death sweat, it was pressed out at once in the form of drops or beads, which of their own weight tell to earth.

How true to nature the account of the Savior's prayer! The dying and those in extreme distress commonly repeat the same words.

Stier pronounces the Epistle to the Hebrews, chapter v, verses 7, 8, as the "most apostolical commentary on Gethsemane."

Spirit willing, flesh weak, is one of the best perverted Bible texts. It is used as a salve to conscience. Meanest vices are excused and justified by it. The text does not belong to the sinner at all. Only of the regenerated son of God can it be truly said, "His spirit is ready, willing to do as God wishes." But even such a one needs to be ever alert against the susceptibility of nature. In the sinner the flesh is willing as well as weak. His spirit is not willing to do at all as God wishes.

DENVER AND RETURN.

On November 10th, 12th and 13th The Chicago Great Western Railway will sell round trip tickets to Denver and return at rate of one fare plus two dollars. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

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Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed. 30 DAYS FREE TRIAL and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. It's Free. KITSELMAN BROS., Box 290, MUNCIE, INDIANA.

FENCE Strongest Made

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today. COILED SPRING FENCE CO., Box 20, WINCHESTER, INDIANA.

MANLOVE Automatic Gate. Always in order. Saves time, adds to convenience, safety, value and beauty of home. MANLOVE GATE CO., 271 E. Huron St., Chicago

\$700 Daily Av. selling Only Pump Equalizers Make all pumps work Easy. Windmills run in slightest wind. Fits all Pumps. Merit sells them. Fully Warranted. Exclusive territory. Write Equalizer Mfg. Co., Waseca, Minn. Dept. 19

DON'T MISS THIS In the market soon? Ask your dealer or write for our catalogue. Osgood High Grade Scales. All kinds OSGOOD SCALE CO. 103 Central St., Binghamton, N.Y.

When writing please mention this paper.

John Rasmess' Short-horn Sale.

These annual festivities held by Mr. John Rasmess, at Lake City, Iowa, at which time he always makes a fair division of his choicest Short-horns with the breeders that he has invited to attend the sale, have always brought forth favorable comment. This sale held by Mr. Rasmess November 1st proved no exception to the rule. A goodly number of Iowa breeders were present and appreciated the good things offered by Mr. Rasmess. However, there were some bargains, as is usually the case in all sales. The only buyer outside the state was Mr. J. McNeft, of Luverne, Minn., who purchased the Scotch matchless bull, Keystone, at \$250. Mr. C. R. Steele, of Ireton, Iowa, secured the Miss Ramsden bull, Prince Victor, at \$240 on a mail order, while Mr. J. R. Ballard, of Ames, Iowa, secured Lavender Fitz, a choicely-bred Lavender bull by Fitz Eustace, at the bargain price of \$230. The contention for all the best females lay between Messrs. John Lister, of Conrad; Thos. Flynn, of Flynn Farm Co., Des Moines, and Hector Cowan, the buyer. Mr. E. R. Silliman proved a potent factor in pushing many of the better cattle up to near the selling point. Mr. Rasmess presented his cattle in their everyday clothes, a number of them being quite thin in flesh because of suckling calves and because of being fresh from the pasture. The weather conditions were ideal, aside from a high wind blowing. A telegram came before the sale opened from a Dr. Haggard, of Lincoln, Neb., announcing that Col. F. M. Woods had been taken suddenly ill and could not attend the sale. This was a great disappointment to Mr. Rasmess, as well as to Col. Geo. P. Bellows, who was to assist Colonel Woods. However, being a man of the hour, Colonel Bellows arose to the occasion and made a very neat little speech and said that he did not attempt to fill Colonel Woods' shoes, knowing that this was impossible. Certainly Colonel Woods never had a higher tribute paid him by a brother auctioneer than was paid him by Colonel Bellows, after which he opened the sale by selling the beautiful red cow Imp. Gladys of Dalmeny and bull calf for \$470 to Mr. Hector Cowan, of Paulina, Iowa. We understand that the bull calf was afterwards sold at \$250. Mr. Cowan also paid \$435 for Imp. Dalmeny Princess 9th. These were the top prices paid for females. Mr. Tom Flynn secured the six-year-old cow Lavender Pearl, at \$400; this is a daughter of Collynie Archer. Other breeders of Short-horns who chased these best females up to near the selling price were Messrs. J. T. Judge, of Carroll, Iowa; A. P. Furmeister, of Churda; Fitzgerald Bros., of Varina, Iowa; Theodore Vest, of Jefferson, Iowa; W. I. Toope, of Auburn, Iowa, and other Iowa breeders whose names we do not call to mind. The sale from every point of view must be considered a success, according to the way other sales have been going this fall. The appended list will show buyers' names and postoffice addresses of all cattle selling at \$100 or over:

FEMALES.

Imp. Gladys of Dalmeny, seven years, sire Scottish Sailor, and b. c., Hector Cowan, Paulina, Iowa \$470
Imp. Dalmeny Princess 9th, six years, sire Scottish Sailor, Hector Cowan 495
Lavender Pearl, six years, sire Collynie Archer, Flynn Farm Co., Des Moines, Iowa 400

Bonnie Belle Mahone, two years, sire Champion, A. P. Furmeister, Churda, Iowa 190
2d Stratballan Beauty, three years, sire Champion, J. F. Judge, Carroll, Iowa.. 110
Maud, three years, sire Imp. Scotland's Pride, Fitzgerald Bros., Varina, Iowa 200
Second Ravenswood Empress, seven years, sire Godoy, and b. c., W. E. Moulds, Lake City, Iowa 155
Maggie Phyllis, six years, sire Sambo 2d, and c. c., Fitzgerald Bros. 105
Pleasant Hill Sharoness, five years, sire Baron Lavender, and c. c., J. H. Curry, Lake City, Iowa 130
Princess, six years, sire Varna of Wildwood, and b. c., John Lister, Conrad, Iowa 100
3d Strawberry of Beaver Creek, ten years, sire Kirklevington of Hazelhurst, and b. c., Chas. Saunders, Manilla, Ia. 100
Barrington's Gem, ten years, sire 9th Barrington D. of W. H., W. I. Loop, Audubon, Iowa 165
Young Rugosa, three years, sire Fitz Eustace, Flynn Farm Co. 140
Vega 4th, three years, sire Fitz Eustace, H. O'Dell, Lake City, Iowa 135
Minnie, six years, sire Fitz Eustace, Flynn Farm Co. 160
Jessie Lind, two years, sire Fitz Eustace, A. P. Furmeister 135
Marchioness Champion, two years, sire Champion, Theo. Vest, Jefferson, Iowa 160
Mary Eustace, two years, sire Fitz Eustace, W. E. Moulds 130
Star Girl 7th, two years, sire Fitz Eustace, James Nichol 140
Victor's Mary, two years, sire King Victor, same 110
Stuse's Wild Eyes, five years, sire Lord Victor, and b. c., C. F. Christianson, Lake City, Iowa 105
Mintie Preller 2d, six years, sire Waterloo Dutchman, and c. c., E. Goodell, Lake City, Iowa 125

BULLS.

Lavender Fitz, one year, sire Fitz Eustace, J. R. Ballard, Ames, Iowa 230
Dalmeny's Knight, one year, sire Red Knight, Christianson Bros. 150
Prince Victor, one year, sire Earl Victor, C. R. Steele, Ireton, Iowa 240
Keystone, two years, sire Lord Craibstone, J. J. McNeft, Luverne, Minn. 250
Red Knight 4th, one year, sire Red Knight, J. E. Merenero, Glidden, Ia. 120
Red Knight's Model, one year, sire Red Knight, J. H. Curry 150
Royal Fitz, one year, sire Fitz Eustace, F. W. Dierinbeld, Wall Lake, Iowa 100

SUMMARY.

30 females sold for... \$4,547.50; average... \$151.60
7 bulls sold for... 1,240.00; average... 177.00
37 head sold for... 5,787.50; average... 156.95

Iowa corn and stock farms. Lists free. Smith & Armstrong, Shenandoah, Iowa.

W. E. Marrs' Sale of Durocs.

The weather man was anything but kindly disposed on October 23d, the day Mr. W. E. Marrs, of Albany, Mo., had selected for his sale of Duroc Jerseys. A cold rain fell the entire day, yet some twenty to thirty people gathered at Mr. Marrs' farm. Only a few breeders were present, and these were breeders who live within a radius of twenty-five miles from Albany. The representative of this paper was compelled to leave before the sale had been concluded, and Mr. Marrs writes us that on the thirty-nine head sold an average of \$25.75 was made. The top of the sale was \$65, paid by Mrs. Anna Gregory, of Albany, Mo., for Lot 1, a yearling boar got by Cole's Duroc and out of Improver Rose, a daughter of Improver II. Cole's Duroc and Improver II. were the two great show boars of 1903, each winning in their respective classes and Improver II. carrying off the championship. Mrs. Gregory is to be congratulated on securing the yearling grand son of these boars to head her herd. All sales of animals selling for \$25 and over follow:

Lot	Name	Price
1	Mrs. Anna Gregory, Albany, Mo.	\$65
2	Same	25
10	Same	25
2	C. Folgate, Stanberry, Mo.	21
3	Jef Constant, Grant City, Mo.	31
5	Hills Hill, New Hampton, Mo.	31
14	Same	26
26	E. Milton, New Hampton, Mo.	36
30	J. Patton, McFall, Mo.	26
Gilt	E. Jonegan, Albany, Mo.	26
Sow	S. H. Smith, Bethany, Mo.	36

The Rockefeller Hereford Sale.

The sale of Herefords from the herd of Mr. F. Rockefeller, held at Kansas City, Mo., on October 17th, 18th and 19th, was very poorly attended and a few buyers absorbed the 142 head that were sold at an average of \$87.35. Car loads went to the various buyers and many good bargains were picked up by the careful buyer. The cattle were offered in just pasture condition, they not having had any special preparation. As bull buyers were noticeable for their absence only a few were sold.

"Improvements" are the order of the age as indicated by the Litchfield people in this week's argument on page 5.

The Homestead and The Homemaker \$1.25 per year.

LANDS AND HOMES FOR SALE.

PRESIDENT ROOSEVELT

says: "Texas is the Garden of the Lord."

GREAT IS TEXAS

NO BETTER INVESTMENT PROPOSITION.

We say Amen! After having seen the lands of 14 agricultural states and 4 provinces of Canada, we think the lands south of San Antonio are the Center of the Lord's Garden. They are our specialty for homeseekers and investors. For free 32 page book of information on Texas, write or call on

INVESTORS & HOMESEEEKERS REALTY CO.

621 Hall Bldg. Kansas City, Mo.

BEST IMPROVED FARM IN OKLAHOMA.

480 ACRES near Colony, Okla. Two sets of improvements, new 12-room house, bath, hot and cold water, two windmills, 3 wells, 4,000-bushel granary, two barns, black locust trees all around farm, stock scale, tower and tank, buggy and implement sheds, 13 acres in orchard, (made \$400 last year from orchard alone) 300 acres in cultivation, land comparatively level, well fenced into 40 and 80-acre tracts, rural delivery, phone, near good school. Also 1,000 acre improved farm near Seabula, Mo. Price \$30 per acre, write L. A. BRIGGS & CO., 206 HALL BUILDING, KANSAS CITY, MISSOURI.

Two Mo. Farms For Sale

380 Acres: A desirable stock or grain farm in Montgomery Co., Mo., near the booming new town of Bellflower, on the Burlington railroad, 85 miles from St. Louis. This farm consists of 30 acres blue grass pasture, never mowed; 60 acres new meadow; 70 acres sowed in wheat; 20 acres feed lots, etc., about the buildings; 110 acres pasture, of which 20 acres is timber; 40 acres detached timber coal land. All except the last 40 is fenced, mostly with hog fence into 7 fields. 320 acres is first-class prairie land in a high state of cultivation. There are several ponds, two good cisterns and one living well. The buildings consist of a 1 1/2 story dwelling, frame, of 7 rooms, 2 halls, and porch; a large barn 48x92, a 2 room lean-to house, ice house, cellar house, and other out buildings, some fruit; telephones with splendid connections in house; daily mail, R. F. D. A bargain at \$45.00 per acre.

308 Acres: A first-class stock farm in Audrain Co., Mo., on C. & A. railroads, and eight miles from the Burlington. 308 acres fine prairie land, lies well; 60 acres is somewhat broken blue grass pasture land, with about timber extending from prairie to creek; and 40 acres good bottom land, in pasture, mostly blue fields. This farm is all under fence and subdivided into seven cultivation, of which 88 acres is wheat, stubble sown to timothy; 40 acres oats stubble; 30 acres meadow; 40 acres in corn; 10 acres in pasture and lots about out buildings; a good one and one-half story 8 room frame house; barn 36x40; good cistern, good pond, running stream through farm; some fruit; daily mail R. F. D. Telephone line with extensive connections passes house. There is an excess of 11 acres, making actually 319 acres in this farm. A great bargain at \$35.00 per acre.

THESE very low prices are made to make quick sales, and will not hold good after the first day of February, 1907. Will carry as much as 60 per cent of the purchase price at 6 per cent almost any length of time to suit purchaser. Am the owner of these farms, and in dealing direct with me you save agents' commissions. Address, L. D. MUDD, MONTGOMERY CITY, MO.

TEXAS LAND

ARE YOU INTERESTED?

WE have for sale lands in the Texas Panhandle, on the line of R. R. all the way from Oklahoma to New Mexico, from 1/4 section to 10,000 acres, at prices ranging from \$5 to \$20 per acre. Why go from 10 to 40 miles from it, to buy lands when you can buy it at the same price along the railroad—and frequently near large towns? Stop and give this question your attention, and write to us or call and see us. Correspondence solicited. Join our next excursion for Texas.

BOYER & PETERSON,

Texas Land Dealers.

408-410 Gumbel Bldg., Kansas City Mo.

Home Telephone, 2460 Main.

NOT HARD PAN NOR OVERFLOW

240 ACRES located in New Madrid County, Missouri, deep, black soil from 5 to 10 ft. deep, lies perfect. Public road on three sides, well drained, 120 acres of corn on it making 80 bu. to the acre, balance in wheat and timothy meadow. Price \$75 per acre. Will rent for 5 years for \$8.00 per acre to rich tenant. Write for literature on the "Garden Spot" of Missouri.

S. E. NEWHOUSE,

617 Frisco Bldg., St. Louis, Mo.

YOU CAN BUY

CHEAP lands near Denver. Great bargains in farm and ranch lands. It will cost you nothing to find out valuable information pertaining to opportunities for investors and homeseekers. Send your name and get information that will lead you to fortune. Write

W. F. SHELTON LAND AGENCY, 215 Shields Bldg., Kansas City, Mo.

COME TO "SUNNY TENNESSEE."

THE land of big red tomatoes and strawberries and bright silver dollars. Good farms almost given away in the main rich fruit growing belt of West Tennessee in junction of Illinois Central and Louisville and Nashville railroads; land, shipping facilities, health, water, schools and society positively unexcelled. Prices extremely cheap, \$3 to \$30 per acre, but steadily rising. Full information gladly furnished. Chas. P. Robbins, Milan, Tenn.

A SNAP!

IN boars by Defender. These are strong, vigorous fellows, good backs and heavy boned. They have made the run of a large pasture and are in fine condition. Priced to sell quick. Write now.

C. A. STEELE - Ogden, Iowa

FOR SALE.

160 ACRES—One mile from Gibbous, Neb., all level land, alfalfa and other grasses. Five-room house with water. Stable for nine horses, cow stable, hen house, hog houses and granaries. Four hundred rods of hog fence. Telephone and R. F. D. Price \$70 an acre. L. C. Mitchell, Shelton, Neb.

10-Acre Fruit and Truck Farms

EACH with new, three-room cottage. Price \$500. \$125 cash. Balance 1, 2 and 3 years. Act quick. C. L. FISHER, 203 N. 7th St., St. Louis.

In Beautiful Artesian Valley. With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to Miller & James, Meade, Kansas.

BE WISE Don't buy raw lands! Buy immediate income producing Central Kansas Farms, advancing 20% per year. I've three great bargains. Let me describe them. L. G. Boies, Birmingham, Iowa.

IOWA FARMS FOR SALE Write for printed sections. Great chances here. Let me write you. J. E. Hazlett, Marion, S. D.

SNAPS! IN South Dakota Lands. 500 quarter sections. Great chances here. Let me write you. J. E. Hazlett, Marion, S. D.

120 ACRE farm \$850. Good soil, house, spring southern Mo. McGrath, 2940 Prairie, St. Louis

Kansas Bargains.

THESE FARMS ARE ALL WITHIN 26 MILES OF KANSAS CITY

160 ACRES, Leavenworth Co., Kan., 1 mile from Station. Choice upland farm; nearly all under cultivation. Good house and improvements only \$80 an acre.

248 ACRES, highly improved farm, 170 acres level creek bottom land. The finest soil in the world; all under cultivation; fully tilled and in the best of order; 1 1/2 miles to station. This is a farm that you would like to own if you saw it. The best \$125 acre land in Iowa is no better. Price \$75 an acre, and you can get a long time loan of \$10,000 at 6% on it.

Remember we can give you Honest Bargains in all kinds of farms close to Kansas City.

ALLEN INVESTMENT CO.

Cor. 9th and Wyandotte Sts.

Kansas City, Mo.

CHOICE VIRGINIA FARMS

From 25 to 2,000 acres with buildings, timber fruit, good water etc. \$8 per acre and up. Lands level, with enough slope for natural drainage. Annual yield per acre—more than the cost of the land. Many men from the level west country settling here. Prices advancing steadily. Good opportunities for general farming, stock raising, dairy, poultry etc. Unsurpassed climate, fertile soil, fine markets and near to churches and schools. Excellent rail and water transportation. Sell your high priced land and buy cheap but equally productive land in a climate where you can enjoy life. Landed investments are sure to prove profitable here.

Write Today for our Real Estate Herald containing full account of the advantages of Southside Virginia and descriptions of desirable farms.

PYLE & CO., Inc., Petersburg, Va.

PAYS 15 PER CENT AS RENTAL.

I HAVE 2,000 acres, Central Nebraska, sure crop country, having missed but one crop since 1898, upland and bottom land that does not overflow. Fine, improved or unimproved, all sizes, all near three towns, with 7 elevators; 3 Flour, 1 Oat Meal and 2 Alfalfa Meal Mills, and the largest feeders in the state, making top prices for all crops. Finest corn and alfalfa land in state, black soil 35 feet deep, timber. These lands have for the past 10 years paid over 15 per cent on any price just as crop rental and I will guarantee that you cannot duplicate one of them for \$10 an acre more than my price in entire county. I must have the money to pay for another business I have purchased. For full descriptions, plans, photos of buildings and farms, write the owner, H. J. Hill, 1802 B. St., Lincoln, Neb.

DISPERSION SALE OF LAND AND STOCK.

800 ACRES—All good land, well improved, near Emporia, Kansas. Inquire of

J. C. HUGHES,

635 Mulberry St., Ottawa, Kan.

NORTH DAKOTA LANDS

I HAVE bargains in Stutsman, Morton, Hettinger, Stark, Dunn, Mercer, Oliver and Billings counties. Lands from \$5.00 an acre up.

For further information address,

F. M. Klein, Jamestown, N. D.

FOR SALE AGRICULTURAL LANDS Northwest Canada, British Columbia 100,000 ACRES

10,000 ACRES offered at \$3.50 per acre, all cash payments, with privilege to purchaser at any time within one year of selecting other land and exchanging, if not satisfied with land selected him under this sale. Warranty deed, perfect title. Address,

G. E. M. PRATT, Attorney, 1003 Schiller Building, Chicago.

FARM-BARGAINS.

In Southwest MINNESOTA. BEST of Black Loam Corn Lands. Farms that pay. Best values offered. Descriptive price list free. E. H. Crandall, Montevideo, Minn.

SOUTHWEST TEXAS—Tracts, 40 acres to 40,000. Low prices. Easy terms, fertile soil, healthful climate. Write for three illustrated booklets. Allison-Richey Land Co., Moore Bldg., San Antonio, Texas.

FURNAS COUNTY, NEBRASKA. 240 ACRES good land, Part improved, \$16. 266 acres pasture and corn land, good well, \$4200. Look me up. Many bargains. B. S. DORSET, Beaver City, Neb.



BLACKLEGoids

JUST A LITTLE PILL
•• THIS SIZE ••

placed under the skin by a single thrust of the instrument . . .

No Dose to Measure.
No Liquid to Spill.
No String to Rot.

SIMPLEST, SAFEST, SUREST, QUICKEST WAY TO VACCINATE CATTLE AGAINST BLACKLEG

Purchasers of 100 doses get an Injector FREE

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Home Offices and Laboratories,
DETROIT, MICHIGAN.

LANDS AND HOMES FOR SALE

CORN LANDS IN SOUTH DAKOTA.

PRODUCE as much wealth per acre as the \$100.00 to \$125.00 per acre corn lands of Iowa or Illinois. Our lands can be bought now at \$25.00 to \$50.00 per acre according to location and improvements. Write today for our 32 page illustrated pamphlet. IT'S FREE.

Big Sioux Valley Land Co.
SIOUX FALLS, S. D.

A FINE ALFALFA, CORN & WINTER WHEAT FARM

MY FINE farm located in Buffalo County, 490 acres for sale, all fine black loam land 350 acres under cultivation, balance pasture and wild hay meadow, 80 acres alfalfa. There is over \$10,000.00 worth of improvements on this land, a fine large new house, two large barns, two granaries, two corn cribs, scales, feed yard, wells, windmills and cisterns, tanks and an engine to pump water, two large hog houses, two hog pastures, all fenced and cross fenced, close to four different churches, rural mail by the door, telephone in the house, one mile to school, five miles to Riverdale, twelve miles to Kearney, located in fine neighborhood, one of the finest homes in the state. The owner lives on the land, 100 acres now in winter wheat. This farm bears the highest investigation. Price \$60.00 per acre. Also a fine little home of 20 acres, good improvements close to Kearney. Price \$2,000.00. Address the owner, W. H. GRASSMEYER, RIVERDALE, NEB

FARMS IN

Eastern Central Kansas, FOR SALE

IN German settlement, also farms in Catholic settlement. Fine churches and schools. Land in Dickinson county, Kansas, is producing large yields of wheat, corn and alfalfa, apples, peaches, fruit of all kinds. I can sell you land for \$25 to \$40 an acre that is producing as much as land in Indiana and Illinois that is selling for \$100. Write for list of farms and kind you want. I will give you the very lowest prices

JAMES SHEERAN,
Dickinson Co., Solomon, Kan.

IOWA FARMS FOR SALE AND FOR RENT.

WE have over 100 of the choicest Iowa farms for sale from \$35.00 to \$90.00 per acre. We have five or six large farms to rent. Write us for catalog and map of Iowa. It is free.

THE ALLEN LAND & LOAN CO., LAURENS, IA.

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, HAMILTON BROS., WINTERSSET, IOWA

740 ACRES, Chautauqua County, Kansas. This is fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. **BOX 151, INDEPENDENCE, IOWA**

COME TO PAYNE COUNTY, OKLAHOMA The banner corn, wheat, cotton and for diversified farming county in Oklahoma. The home of the A. & M. College. Plenty of rainfall to mature crops. Write for folders or call and see us.

SVOPE & CO.,
Real Estate and Loan Agents, Stillwater, Okla.

FARMS, STOCK RANCHES, CITY PROPERTY BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank. **Hartford Land Co., Hartford, Kansas.**

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment. **BOX 81, INDEPENDENCE, IOWA**

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. NIECK,** Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. **Northern Iowa Land Co., Independence, Ia.**

FOR SALE—1293 acres in Lipscomb Co., Texas, four miles from Oklahoma line. Every rod of it is level black loam. Chance for big wheat farm. Yield in county, 1906, wheat 32, oats 80, corn good. **Milo J. Owen, Barton, Va.**

FOR SALE ON EASY TERMS, a 167 acre farm in Logan County, Colorado, near railway and sugar mill. Address T. E. Davies, 674 State Street, New Haven, Connecticut.

4.50 PER ACRE. WE have two separate tracts of Central Kansas land, comprising 17,000 acres at the above price. No trade. **Cramer & Co., Kiowa, Kan.**

FOR SALE, S. E. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$18 per acre, reasonable terms. **Frank Pearce, Fredericktown, Mo.**

"On to Canada!"

Get a Home and Farm in the Heart of Saskatchewan, the World's Great Wheat Bin. First Crop Nearly Pays for the Land.



Western Canadian Farmers Raised a \$60,000,000.00 Wheat Crop This Year.

Farmers, come out into Western Canada and Live. Come out where the soil is three feet deep—rich enough to grow anything—where crops never fail—where every farmer has money in the bank—where paupers and poverty are unknown.

Come to where the average yield of wheat is 25 bushels to the acre. Where the first crop from virgin soil nearly pays for your land—no clearing to be done—the soil is ready for the plow.

Come out and Live, among an intelligent, industrious and prosperous people—most of them from the States. Give the young folks a chance, let them enjoy the advantages of Canada's fine schools and churches—bring them up to rugged manhood and splendid womanhood in this great land of health and opportunity.

Let us tell you more in a personal letter about this wonderfully rich agricultural region, and send you our Free book, "The Home Builder," which tells why the country is rapidly filling up with the best and most intelligent farmers in the whole world.

It tells you how newcomers from worn-out farms get independently rich in a few years.

"The Home Builder" tells you everything you naturally want to know about this Great Wheat Region of Western Canada—about the healthy climate, the abundance of pure water and cheap fuel, the social and educational advantages.

Remember that land values are advancing rapidly and there's no time to lose. You can buy a 160-acre farm from us now for cash at the lowest price, or on easy payments, if you prefer, and our Company will give you a **Guarantee Bond**, stipulating that if at the end of five years you are in any way dissatisfied, we will buy back the land at an advance of 50 per cent over the purchase price.

We make this guarantee offer because we know the fertility and crop-producing power of the land, and that five years from now, under cultivation, it will be worth very much more than what you paid for it.

Over 125,000 people are coming into Western Canada this year. "On to Canada!" is the watchword of the hour. Come over while the choicest land that lies outdoors is yours at much less than its actual value. Write for free book F at once, and ask as many questions as you wish. They will be cheerfully answered.

Saskatchewan Realty & Improvement Company

(Capital \$250,000.00)

312 Jackson St., St. Paul, Minn. Regina, Saskatchewan, Canada.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

BUY YOUR LAND IN THE BIG BEND COUNTRY

OF EASTERN WASHINGTON, where you get not only the best of lands at low prices, but also get located in the finest climate, where crop failures are unknown; no bugs, flies or rust; freedom from electrical and destructive wind and hail storms; where fruits of all kinds do well. This is no experiment, as the country has been thoroughly tested. Special inducements to parties buying this fall. Railroad fare refunded to purchasers. Write for pamphlet to

THE BIG BEND LAND CO.,

Dept. I WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
Capital and Surplus, \$250,000.00.
LARIMORE, NORTH DAKOTA.

PRAIRIE LAND

FOR SALE—A fruit, poultry and truck farm close to Des Moines, well improved, plenty of fruit. A big bargain if taken soon. **Rex Poultry Farm,** Route 4, Des Moines, Iowa.

with some timber. Where can you get it except in Canada? Best for grain and cattle. Good climate. Five families in 1902, 600 families in 1905. Write for map and description. Some Homesteads left. Join half-fare Excursion. Cheap land on ten years time. **Scandinavian-Canadian Land Co.,** 172 Washington Street, CHICAGO, ILL.

FARMS FOR RENT. Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. **Northern Iowa Land Co., Independence, Ia.**

UNIMPROVED FARM LANDS

In Osceola County, Michigan.

THIS group of lands was covered at one time with hardwood timber, some hemlock, but no pine. Soil is heavy and rich, clay or gravelly loam, well watered. Crops: Good hay and grain lands; ideal for potatoes; all fruits do well. These lands are guaranteed to be as fine as any in the state, but are still wild and covered with some timber and must be cleared. Markets are plentiful and close and on good railroads. Good schools, churches, roads and telephone lines already built. Terms: Lands sold for cash or one-quarter down, balance in five annual payments, interest 6%. Price, \$12 to \$15 per acre. Write for booklet.

H. W. MARSH, MANISTEE, MICH.

... ONE IOWA ... ONE MADISON CO.

ONLY A FEW OF THE BEST BAR-
GAINS I HAVE FOR SALE

120 acres @ \$55 per acre
40 acres, a snap, @ 75 per acre
80 acres @ 65 per acre
80 acres @ 75 per acre
40 acres @ 70 per acre

All within a mile of town, highly improved. For full particulars address,

E. J. TRUMBAUER,
PATTERSON, IOWA.

WHY BUY LAND AT FANCY PRICES

IN the Canadian northwest, thousands of miles from markets when you can buy good quality land in the Clover and Tame Grass Belt of Minnesota, near two railroads and less than 100 miles from the Twin Cities or 70 miles from Duluth, at \$8 to \$10 per acre, easy terms? Wholesale tracts at dealers' prices. Agents wanted. For particulars apply to the owners.

THEO. F. KOCH LAND CO.,
801 Globe Building, ST. PAUL, MINN.

RICH CALIFORNIA LANDS

In the fertile Chino Valley, 60 minutes from Los Angeles. Only \$75 to \$150 per acre—1/4 cash, balance 1 to 4 years. Several crops a year. No cold or frost. Write for illustrated booklets today.

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HOMESEEKERS!

For description and price list of good home farms in the

"GREAT KANSAS WHEAT BELT"

WRITE TO

R. B. BEARD, "The Land Man,"
Harper County, Anthony, Kan.

CORN LAND.

UNIMPROVED 1/2 section about 5 miles from railroad in Paulk Co., South Dakota. All kinds of grain and buffalo grass grow there. Best of soil and water and in artesian belt where land is constantly changing hands and increasing in price. If taken at once, I will accept the Very Low price of \$16.00 per acre on reasonable terms, no commissions to be paid. No trades. Write or call upon the owner.

E. M. Kieron, 311 Nicollet Av., Minneapolis, Minn.

A BARGAIN,

EIGHTY-ACRE IMPROVED FARM.

ALL under cultivation; two and one-half miles from Anoka, 13 miles from Minneapolis, school half mile, fine water, no stone, all fenced. Price, \$2,800; easy terms. Address owner, **Chas. McGraw, Route 3, Anoka, Anoka Co., Minn.**

NOTHING LIKE THIS.
2 800 ACRES: Eastern Kansas; 500 cultivation; all but 200 good farm land; all black limestone soil; good buildings; running water and wells; price \$32.50 per acre. For further information and plat write: **Willis & Co., Sale Agts., Emporia, Kan.**

RANCH IN FLOWING WELL BELT.

720 ACRES of farm meadow and pasture land. Will cut 180 tons of hay. 400 acres in pasture. Three flowing wells. Write for terms. **H. S. WHITE,** Amelia, Neb.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. **Northern Iowa Land Co., Independence, Ia.**

KANSAS FARMS In Miami and adjoining counties for sale at owner's prices. Write for catalog. Address, **Chambers & Chambers, Osawatomie, Kan.**

FOR RENT GOOD STOCK FARM of 220 acres. Terms \$2.50 per acre. Address, **J. F. Lynch, New Hampton, Iowa.**

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Nov. 8, S. S. Puckett, Lynchburg, Ohio.
 Nov. 8, Boar sale, W. A. Staples & Sons, Glidden, Iowa.
 Nov. 9, Whitchell Farm, Yellow Springs, O.
 Nov. 13, Boar and sow sale, T. J. Hamilton, North Bend, Neb.
 Nov. 14, Stansell & Matern, McNabb, Ill.
 Nov. 20, Hood & Baker, Dunlap, Iowa.
 Nov. 27, Closing out sale, boars and sows, J. F. Lentz, Earlham, Iowa.
 Dec. 26, W. D. Pittman, Lake City, Iowa.
 Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, J. C. Danner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norris & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, Watt & Foust, Cedarville and Xenia, Ohio.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 THE ONLY WAY DUCRO CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.

SHROPSHIRE SHEEP.

Nov. 14, Shropshire Ewe Sale, Geo. Allen, Lexington, Neb., at Kansas City, Mo.

POLAND CHINAS AND HEREFORDS.

Feb. 14, Peter Mouw, Orange City, Iowa.

REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hart, Arrowsmith, Ill., Mgr.

O. I. C. HOGS.

Jan. 13, J. L. Barber, Harlan, Iowa.

SHORT-HORNS, POLLED DURHAMS AND POLAND CHINAS.

Nov. 15, J. C. Glaser, Avon, Ill.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Dec. 13-21, South Omaha, Neb., D. R. Mills, Mgr.

THOROUGHbred HOGS AND CATTLE.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.

Nov. 27-30, South St. Paul, Minn., D. R. Mills, Mgr.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 15, L. W. Barnhart, South English, Iowa.

POLLED DURHAMS AND POLAND CHINAS.

Nov. 15, S. B. Wenger, South English, Iowa.

GALLOWAYS.

Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.

Dec. 6, American Galloway Breeders' Ass'n

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Nov. 13, The Shelby County Breeders' Ass'n, at Hariau, Iowa.
 Nov. 14, S. H. Thompson's Sons and Wm. Smith & Sons, West Liberty, Iowa.
 Nov. 14, J. & I. D. Godden, Bradgate, Iowa.
 Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 24, W. M. McLemore, Seward, Neb.
 Nov. 27, 28, Parsons, Turner & Stewart, Newton, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Nov. 30, Wayne County Short-horn Breeders' Ass'n, J. S. Crosby, Secy., Corydon, Iowa.
 Dec. 7, H. S. Duncan & Sons, Clearfield, Ia.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 11, W. J. McLean, Rock Valley, Iowa.
 Dec. 12, Combination sale at Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 12, J. W. Hanna & A. Robertson, Garrison, Iowa.
 Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 18, A. H. Brett, Mason City, Iowa.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, Joint Breeders' Sale, Marysville, Kan., F. P. Healy, Mgr.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Dec. 19, C. A. Saunders, Manilla, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 March 20, James Stack, Harvard, Neb.
 Apr. 27, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.

ABERDEEN ANGUS.

Nov. 8, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.
 Nov. 13, Wm. Cash, South Amana, Iowa, and others, at Holbrook, Iowa.
 Nov. 14, Baker & Smith, Mt. Vernon, Iowa.
 Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 22, J. Nissen, Meservey, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1-2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4-5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

HEREFORDS.

Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 June 18, Hood & Baker, Dunlap, Iowa.

SHORT-HORNS, ABERDEEN ANGUS AND

HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.

SHORT-HORNS AND DUCRO JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 8-9, Combination Sale, Chariton, Iowa, C. W. Huntley, Secy.

SHORT-HORNS AND POLAND CHINAS.

Nov. 21, Saddler Bros., Hastings, Neb.

Dates Claimed for Live Stock Sales.

POLAND CHINAS.

Nov. 8, A. W. Holland, New London, Iowa.
 Nov. 13, H. Read, Frankfort, Kan.
 Nov. 15, A. L. Meith, Cairo, Neb.
 Nov. 17, J. H. Harvey & Son, Maryville, Mo.
 Nov. 26, G. B. Lobb & Son, Clay Center, Neb.
 Jan. 22, Roy Rockwell, Paulina, Iowa.
 Jan. 31, W. F. Garrett & Sons and John H. Harvey & Son, Maryville, Mo.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 13, E. D. Keasey, Wlota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 20, C. W. Phillips, New Sharon, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.

PERCHERONS AND CLYDESDALES

Dec. 18, A. H. Brett, Mason City, Iowa.

PERCHERONS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

JACKS AND JENNETS.

March 5, L. M. Monsees & Sons, Smithton, Mo.

FIELD NOTES.

Hereford bulls are offered for sale by Mr. B. F. Clark, of Albia, Iowa.

Angora goats are offered for sale by Mr. S. S. McKibben, of DeSota, Iowa.

Mr. F. M. Jenkins, of Pomeroy, Iowa, offers Duroc Jerseys of either sex for sale.

Ohio Chief boars are offered for sale by Mr. H. A. Sexsmith, of Greenfield, Iowa.

Mr. W. C. Frazier, of Atlantic, Iowa, offers registered Shropshire rams and ewes for sale.

Mr. Carl Hansen, of Herman, Neb., is offering some good Duroc Jersey boars for sale.

Mr. T. A. McMahon, of Craig, Neb., offers some splendid Duroc Jersey boars for sale.

Hampshire hogs are offered for sale by Mr. Hughes Atkinson, R. D. No. 2, Mt. Sterling, Ky.

Mr. W. F. Kilpatrick, of Harlan, Iowa, advertises White Wyandotte cockerels for sale.

Mr. Harmon Gruver, of Brewster, Minn., offers some good Duroc boars and sows for sale.

Twenty-five Duroc Jersey boars are offered for sale by Mr. M. M. Elmendorf, of Lacona, Iowa.

Messrs. Sheldon Bros., of Shannon City, Iowa, have some good Duroc Jersey boars for sale.

Mr. Smith Brown, of Waterloo, Neb., has a number of very choice Duroc Jersey boars for sale.

Mr. Geo. Allen, of Lexington, Neb., one of the greatest breeders of Shropshires in the United States, offers some splendid rams for sale.

Mr. Geo. H. Lawshe, of Harlan, Iowa, has some grand good Chester White boars and sows for sale. Read his advertisement on page 35.

Mr. J. E. Wehr, of Portsmouth, Iowa, writes: "Kindly say to Homestead readers that the boars must go and anyone that wants a good Duroc Jersey male pig can get one, and get him right, if they write me

during the next thirty days. Just say they must go."

Dr. H. Pritchard, of Wisner, Neb., has the big Poland China boars. Write him if you want one.

Some good Poland China boars are offered for sale by Messrs. Sandquist Bros., of Oakland, Neb.

Good Duroc Jersey boars are offered for sale by Messrs. Jos. Skinner & Son, of Bedford, Iowa.

Twenty-five good Berkshire boars are offered for sale by Mr. C. S. Buckley, of Holstein, Iowa.

Chester White boars and sows are advertised for sale by Mr. A. A. Rogers, of Inwood, Iowa.

Registered Shropshire rams and ewes are offered for sale by Mr. Willard Miller, of Anita, Iowa.

Some splendid young Scotch bulls are offered for sale by Mr. J. D. McDermott, of Wlota, Iowa.

Messrs. Wm. Ray & Son, of Defiance, Iowa, have some splendid young Poland China boars for sale.

White Wyandottes are offered for sale by the Forest Home Poultry Farm, Box 253, Audubon, Iowa.

Messrs. Manley & Co., of Lyons, Neb., have some good Orion boars for sale, also a few very choice sows.

Short-horn bulls and Duroc Jersey boars are offered for sale by Mr. Jas. T. Dollison, of Sac City, Iowa.

Ohio Chief boars, and good ones at that, are offered for sale by Mr. W. D. Pittman, of Lohrville, Iowa.

A choice lot of Duroc Jersey boars are being offered for sale by Mr. M. A. McWilliams, of Wall Lake, Iowa.

Mr. D. M. Norton, of Sanborn, Iowa, offers special prices on farm Shropshire sheep during the next thirty days.

Some good Hereford bulls and cows and heifers are offered for sale by Mr. J. G. Von Seggern, of Wisner, Neb.

A choice lot of White Plymouth Rock cockerels are offered for sale by Mrs. T. A. Baldwin, Emmetsburg, Iowa.

Mr. J. C. Danner, of Yale, Iowa, claims January 30th as a date to hold a public sale of Duroc Jersey bred sows.

If you want a good Percheron stallion or a few good mares go and see Messrs. L. H. Humbert & Son, of Chariton, Iowa.

Messrs. Chandler Bros., of Kellerton, Iowa, have a grand lot of imported and home-bred Shropshire rams and ewes for sale.

Mr. F. P. Healy, of Bedford, Iowa, announces a Short-horn sale at South Omaha, Neb., to take place on April 27, 1907.

If you want a Duroc Jersey boar and at a price that will please you, then correspond with Mr. Delmar McCann, of Kennard, Neb.

Write that veteran breeder, Mr. W. N. Booth, of Danbury, Iowa, if you want a right good Poland China pigs and at a living price.

Good Duroc Jersey boars are for sale by Messrs. Clark & Tryon, of Wausau, Neb., and they are offering them at reduced prices during November.

If you want a Duroc Jersey boar sired by either of the two great winners, Junior Jim or Glendale Critic, write Mr. Austin Renshaw, of Blair, Neb.

Two hundred Duroc Jersey boars and sows, or the pick of these, and at the most reasonable prices, are offered for sale by Mr. W. J. Wendt, of Marcus, Iowa.

Mr. W. J. Prather, of Russell, Iowa, offers some very choice Duroc Jersey boars, sired by his second prize winning boar at the Iowa State Fair this year.

Special prices are offered on Duroc Jersey boars by Mr. J. P. Lentz, of Earlham, Iowa. He must close them out, because he is leaving the farm. Write him at once.

The great Shropshire ewe sale of Mr. Geo. Allen, Lexington, Neb., will be held at Kansas City, Mo., November 14th. It promises to be one of the greatest sheep sales of the year.

The Poplar Grove herd of Chester Whites, owned by Mr. W. R. Webb, of Spencer, Iowa, is now ready for business, and they can ship you a boar or a sow at any time you want one.

Poland China breeders who want a good boar pig should read the advertisement of Mr. J. C. Hoag, of Manson, Iowa. He has some of the tops and he can please the most discriminating buyer.

Mr. W. A. Peterson, of Lyons, Neb., owner of the Logan Valley herd of Duroc Jerseys, is offering some good boars and some choice gilts sired by old Dandellon, the former herd and show boar of Messrs. Manley & Co.

Mr. E. O. Walcott, of Gilmore City, Iowa, offers fifteen spring Poland China boars, six fall boars and a two-year-old herd boar for sale in this week's Homestead. Look up his advertisement on page 37 and write him.

If any of our readers want Large Yorkshires, and want good ones, they can get them, either sex, of Mr. F. Rabeller, of Leigh, Neb. Nearly all of their stock is imported, so you will be sure to get the very best.

Mr. Roy E. West, of Churdan, Iowa, has a splendid lot of Duroc Jersey boars for sale. They are big, heavy-boned, wide-backed fellows, sired by a son of Proud Advance, Orion and Adjuster. Try him with an order.

An eighty-acre improved farm, all under cultivation, located two and one-half miles from Anoka, Minn., is for sale by its owner, Mr. Chas. McGraw, of Anoka, Minn. This farm is only thirteen miles from Minneapolis and is priced very reasonable. The advertisement appears on page 25.

Mr. O. L. Mossman, breeder of Duroc Jersey swine, of Polk City, Iowa, writes: "I have decided not to hold a winter brood sow sale. Now, I offer at private sale gilts of superior breeding, many of which will weigh 200 pounds from the Crimson Wonder, Gold Dust Jim and Proud Advance families. I also have a few choice boars for sale, two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in the junior yearling class at the state fair in 1906; one by Chief Perfection, out



SCOTCH MYRTLE.

The subject of the above illustration is the beautiful roan cow, Scotch Myrtle, five years old, owned by Messrs. Smith & Barnhardt, of Harper, Iowa. She is one of the great cows of the breed, being a Scotch Short-horn, sired by Scotch Fame, an imported bull sired by Scotch Thistle and out of Lady Dorothy 20th by Eastern Star. Her dam, Imp. Scottish Myrtle, was sired by Scottish Victor. A Cruickshank Victoria sired by \$6,000 Brave Archer and other noted celebrities of lesser light. The above is a 1,700-pound cow that will be sold in the combination sale of Messrs. Smith & Barnhardt, M. Yocum, Grove & Weuger, at Harper, Iowa, on November 15th, particulars of which are on page 29.

of Lady Orion by Orion, the best thing I have seen this year. He will weigh 280 pounds." See advertisement on page 39.

Mr. A. H. Brett, of Mason City, Iowa, claims December 18th as a day on which to hold a public sale of Short-horn cattle, and Percheron and Clydesdale horses.

Six good Duroc Jersey boars, sired by Corn Cracker 14205 and out of a Luther Top Notch dam, are offered for sale by Mr. Z. T. Kinsell, of Mt. Airy, Iowa. Price \$25. Write him at once.

Mr. J. C. Hughes, of 635 Mulberry St., Ottawa, Kan., announces a dispersion sale of land and stock. He has 800 acres of good land, well improved, near Emporia, Kan. See advertisement on page 24.

Mr. R. T. Cameron, of Ottumwa, Iowa, breeds thoroughbred chickens exclusively. His advertisement offering stock for sale, both yearlings and young fowls, will be found on page 16 of this issue of The Homestead.

Mr. J. F. Lentz, of Earlham, Iowa, is closing out his entire boar crop of Duroc Jerseys, and in order to clean up says for us to announce that special prices will prevail for the next two weeks. Write him if you want a boar.

Mr. V. A. Lathrop, of Marion, Iowa, in a recent letter says: "I still have some good Chester White boars and gilts of March farrow for sale cheap, as I must close them out before bad weather." See his advertisement on page 35.

Messrs. E. M. Castle & Son, of Joy, Ill., have an extra good Champion Paul boar for sale at a reasonable price. Those of our readers who are in need of a well-bred and good Duroc boar should write Messrs. Castle at above address, mentioning The Homestead.

The proprietor of the Mondamin Farm of White Bear Lake, Minn., is offering Yorkshire swine for sale in his advertisement which will be found on page 33 of this issue. He has seven boars now ready to ship at low prices for quick sales to make room for fall litters.

Owing to the fact that he expects to move, Mr. D. W. Boydston, of Nevada, Iowa, is offering his Buff Orpington hens for sale. He has thirty two-year-olds from the famous Williams & Vass strain. These are worth double the price he is asking for them. His advertisement appears on page 16.

Messrs. Wm. Ube & Sons, of South Omaha, Neb., offer some splendid Ohio Sunshine boars for sale. Those of our readers who want Poland China boars, and of this particular strain, can get some good ones of this firm. They are reliable breeders and will treat you fair if you place an order with them.

In a recent issue of The Homestead it was stated that Messrs. Watson Bros., of Creston, Iowa, had Duroc Jersey boars for sale. They write us under recent date that this was an error, as they have no boars at the present time for sale. Their advertisement offering sows for sale appears on page 33 of this issue.

Mr. S. J. Butts, of Mason City, Iowa, breeder of Duroc Jersey swine, writes: "My stock is in good shape; not fat, but ready for business. I have fifteen Duroc Jersey spring boars, about a dozen good gilts and some aged stuff for sale. Corn husking has commenced and an extra good crop will be cribbed." See advertisement on page 37.

Mr. S. J. Miller, of Kirksville, Mo., writes that he will sell a good Percheron colt coming three years for \$700, and also that he would like two rattling good salesmen. Here is an opportunity for a good bargain in Percherons. Two good hustling salesmen will

HEAD NOISES BOOK FREE

I will send my new book on head and ear noises and how to cure them to any sufferer from this trouble. I will send it absolutely free of charge and it is full of the very best help and medical advice that all who have head and ear noises need. My book tells just what causes those distressing ringing, buzzing noises or that snapping in the ears when the nose is blown. It explains how they are the signs of serious and sometimes very dangerous trouble in the inner parts of the ear, and how, if neglected, they too often result in that terrible affliction—Deafness. Fine pictures of the inside passages of the head and ears, where the trouble starts, illustrate the book. Best of all, however, it points out how head and ear noises can be cured, easily and painlessly, right at home, so that the ear will be in perfect condition and the hearing clear and distinct. Don't suffer with head and ear noises any longer. Let me send you this book that will tell you just what to do. You're gladly and freely welcome to it; it shall not cost you a cent. Write your name and address plainly on the dotted lines and mail the free book coupon to Deafness Specialist SPROULE, 473 Trade Building, Boston.



Deafness Specialist
SPROULE.

Don't suffer with head and ear noises any longer. Let me send you this book that will tell you just what to do. You're gladly and freely welcome to it; it shall not cost you a cent. Write your name and address plainly on the dotted lines and mail the free book coupon to Deafness Specialist SPROULE, 473 Trade Building, Boston.

FREE HEADNOISES BOOK COUPON

NAME.....
ADDRESS.....

find a very profitable job with Mr. Miller. See page 34 for Mr. Miller's advertisement and address.

In our report of the American Royal held at Kansas City we stated that Messrs. Alexander Galbraith & Son, of Janesville, Wis., showed the only aged mare, consequently won first prize. In this we were wrong. The Galbraith mare, Flossie, won first prize over the winning Clydesdale mare at the Illinois State Fair, owned by Mr. Soderberg, of Osco, Ill.

Mr. M. D. Yard, of Crawfordville, Iowa, has a new advertisement in this week's issue on page 36, in which he is offering to exchange his two-year-old Brawth Bud hull, Fairview Royal Bud 259037. He is a straight Cruickshank, sired by the great bull, Lavender Royal 135256, running back to Imp. Generosity by Bampton, a beautiful red, good, kind and docile.

Messrs. J. W. Reynolds & Son, of Defiance, Iowa, write as follows: "Will you kindly say to your readers that we have a grand lot of good Duroc Jersey boars on hand, and as we need the room we are content to make a cut in price for the next thirty days. Size and quality considered, they cannot be duplicated elsewhere for the money. Just tell the boys to write us or come and see the boars."

On page 25 this week appears the advertisement of the Rex Poultry Farm, a beautiful place near the city of Des Moines, Iowa, which can be bought at a bargain. It is covered with fine fruit trees and berry bushes and the improvements are also in elegant shape. The owner is obliged to sell on account of ill health and hence will make a good bargain for some man who would like a nice small fruit and chicken farm near the best city in the state.

Mr. W. A. Kirkpatrick, of Lincoln, Neb., in a recent letter enclosing new copy for his advertisement, which will be found on page 38, writes: "My herd is doing fine and I am going into the winter with a flattering prospect of having a fine lot of growthy gilts to offer in my February 13th sale. They will be bred to one of the best grandsons of the great Glendale Critic, and are mostly granddaughters of the famous Crimson Wonder."

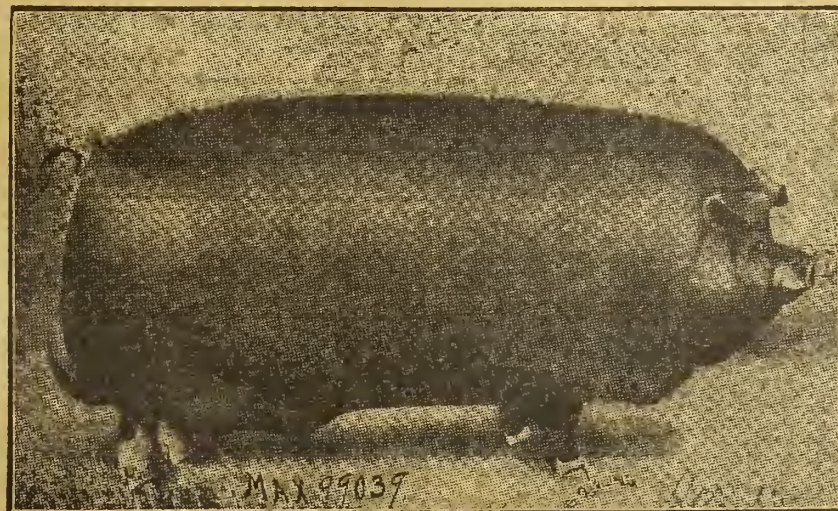
The Deer Lake Park, Severy, Kan., is offering live deer of all ages, white swan, California quails, Belgium hares, parrots, jack-rabbits, wild geese and other fowls and animals for sale in their advertisement which appears on page 28 of this issue of The Homestead. They have no catalog, but ask that you write your wants. They will also buy all kinds of rare animals and birds of any of the kinds mentioned in the advertisement above referred to.

Mr. A. C. Berry, of Unionville, Mo., is offering thirty Scotch and Scotch-topped Short-horn cows and heifers, eight Scotch and nine Scotch-topped hulls. The heifers and bulls are by his great breeding bull, Imp. Mutineer, a Marr Missie hull, and a half brother to the champion, Whitehall Marshall. The cows are in calf to his service and several have calves at foot by him. Mr. Berry offers the lot at a bargain price and any of our readers who are in the market for desirable, well-bred cattle would do well to investigate.

Mr. D. W. Richardson, of Ogden, Iowa, breeder of Duroc Jersey and Chester White swine, whose advertisements will be found on pages 38 and 35 of this issue, writes: "I have as good pigs as I have ever raised, six Chester Whites and six Duroc Jerseys and if I do not get them sold by the next two weeks I intend to sell them for pork. They are big, lusty fellows. I sold one the other day that weighed 236 pounds. I also have a few gilts which I will sell bred or open. They are extra good and I guarantee them to be as I describe them."

On December 13th, Mr. T. A. Baldwin will sell a draft of forty head of Short-horn cattle at his farm adjoining the town of Emmetsburg, Iowa. He will include his Scotch bull, Grand View Chief 244020, bred by Mr. George Isaac, Bomanton, Ontario, also the imported cow Primrose 6th, bred by Mr. John Cran, Keith, Scotland, and one of her heifers. There will also be two daughters of the noted St. Valentine in the sale, and several of his granddaughters. He will also sell ten head of young bulls, nearly all of which are sired by Grand View Chief. In due time the advertisement will appear in these columns, and we will then have more to say about what goes into the sale.

Those wishing to buy young bulls at private sale should write at once to Mr. T. A. Davenport, Belmont, Iowa. Eight well-bred ones are offered, from ten to fifteen months old. Four of these are got by Imp. Charmer 157082 and four by Baron Gloster 8th 230700. The dams are some of the best in English and Scotch blood lines. All of these youngsters are a nice red in color, and are thrifty



Max 99039, the sire of a large number of young boars and gilts offered in Mr. William Crownover's sale, at Waterloo, Iowa, November 13th. The prepotency of this boar will at once be seen when his get is shown. He gets them with strong backs and full, plump hams. Write for catalog at once to Mr. William Crownover, Hudson, Iowa, and please mention The Homestead.

Have You CATARRH?

Are you discouraged over money spent without any benefit to you? Then write me today, using coupon below---and I will send you one month's treatment free---why? Just to show you that I have faith in my own treatment, so confident am I that you will receive prompt benefits and continue my treatment until cured, that I have no hesitancy in making this exceptional offer.



T. F. WILLIAMS, M. D.
Consulting Physician.

Cured by My Treatment, They Recommend It.

Dr. T. F. Williams: I do not feel that I will need any more medicine. I am now feeling fine and can recommend your treatment to anyone suffering from catarrh. Thanking you for all you have done for me, I am yours,
Very truly,
CLYDE C. DARNELL, Knowell, Iowa.

Dr. T. F. Williams: I am glad to inform you that at the present time I feel no bad effects of catarrh in any way. I am sure I will need no more medicine.
M. HYLAND, Cleardale, Wash.

CUT OUT THIS FREE COUPON AND SEND TO ME TODAY.

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,

211-218 Crocker Building, Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name.....
Address.....



WHAT!!! GRAY'S TONIC PREVENTIVE DID FOR THIS MAN

THE ARIZONA CENTRAL BANK, Flagstaff, Ariz., May 16, 1906.
THE E. E. GRAY CO., Hinsdale, Ill.

GENTLEMEN:—Enclosed please find draft for \$2.00 for which please send me another bottle of Gray's Tonic Preventive. It certainly "Bikes 'Em Fat." The bottle that I am now using has proven to me that it is certainly what we want for a horse that needs a tonic.

F. E. POLLOCK, President.

We have dozens of letters like the above come in every day. We can do for your ailing horse what we have done for others. Write us at once if your horse has cough, cold or distemper. It will only cost you \$2.00, express prepaid, for two weeks' treatment and this wonderful remedy is positively guaranteed. If it fails to benefit your horse we will refund you the purchase price and no questions asked. Be sure and state your express office. Address

THE E. E. GRAY CO., 322 CHICAGO AVE.,

HINSDALE, ILL.

fellows that should make good wherever put. The advertisement appears on page 36, and Mr. Davenport will gladly answer all inquiries. In writing, please mention The Homestead.

Messrs. G. W. Baker & Sons, of Pawnee, Ill., claim January 23d as the date of their brood sow sale. This firm have one of the good hords of Durocs to be found in Illinois and recently added much strength to it in the purchase of the good boar, Silkworm, a son of Dotie, the champion sow at the World's Fair. The sire of Silkworm was Oom Paul II. by Oom Paul. Silkworm was purchased by Messrs. Baker in the recent sale of Mr. Geo. W. Seckman, at Ripley, Ill. Messrs. Baker will have a select lot of good sows bred to this noted boar in

their brood sow sale. Further particulars will be found in future issues.

On December 21st, at Manning, Iowa, a combination Short-horn sale will be held under the management of Mr. Joseph Wilson. About forty head will be sold, among which will be a number of good young bulls. Mr. Barney Mitchell, Vail, Iowa, will be one of the largest contributors to the sale, and is sending some good cattle. Messrs. Alex Campbell, Botna, Iowa; Joseph Wilson, Manning, Iowa, and other breeders in that vicinity will also contribute to the sale. The sale will be held the day following the Audubon sale. Those wishing catalog should write to Mr. James Wilson, Mgr., Manning, Iowa, mentioning The Homestead.

Mr. E. J. Trumbauer, of Patterson, Iowa, breeder of Chester White swine, in furnishing copy for his new advertisement which appears on page 23 of this issue, writes: "I have had good sales this fall so far. I still have a hunch of hogs on hand on which I will make bargain prices during this month. These pigs are strictly good ones and should give entire satisfaction to anyone wanting a good, strong, growthy Chester White hog. I invite my old customers, as well as new, to write and get prices and descriptions before buying. The yearling sows I am offering for sale are exceptionally good ones and are suckling nice even litters of pigs now and are very cheap at the prices I am quoting on them. There is no sickness among my bogs and they are doing fine. Thanks to The Homestead for the many sales it has made."

The Homestead is pleased to call the attention of its readers this week to the advertisement of Messrs. J. C. Fuller & Son, of Alden, Iowa, who have Duroc Jerseys weighing from 175 to 200 pounds for sale, both boars and gilts, and at prices which are low for the quality of stock which they have for sale. In furnishing copy Messrs. Fuller write: "We have pigs sired by Sensation Jr., Col. K., Major S. and Hobson and their dams carry the blood of Tip Top, Notcher, Orion of Alden, Higgins, Model and others. Our pigs are all good ones, the best we have ever raised and anyone wanting a good pig will find good ones here. The following letter from Mr. Henry Harvey, of Goldfield, Iowa, is an evidence of the quality of stock we have for sale: "I received the boar all O. K. and will say that I am well pleased with him, and he is a dandy. He will be a good advertisement for you, as I have had

BIG 2 DAYS' SALE OF SHORT-HORN CATTLE

AT NEWTON, IOWA, NOVEMBER 27TH AND 28TH.

ON NOVEMBER 27, 1906,

At the Sale Pavilion at Newton, Iowa, We Will Offer for Sale

60 HEAD OF CHOICELY BRED SHORT-HORN CATTLE.

consisting of thirty-four females and twenty bulls from H. D. Parsons' Malaka herd, twenty bulls and ten Scotch females from the well known herd of Andy Stewart. Thirty-four head of the entire offering are Scotch cattle of the richest and most approved breed. The remainder are richly Scotch Topped American sorts. This will be the greatest sale of Scotch Short-Horns ever offered at the Newton sale pavilion and the choicest that will be offered in Central Iowa this fall. Some choice Scotch herd bulls are in the offering. More particulars and sample pedigrees will appear in this space next week. Apply for catalogs to

H. D. PARSONS OR ANDY STEWART, - - - **NEWTON, IOWA.**

COL. F. M. WOODS AND ASSISTANTS, AUCTIONEERS.

ON NOVEMBER 28, 1906,

I Will Offer for Sale at the Sale Pavilion in Newton, Iowa, the Day Following the Parsons & Stewart Sale

48 HEAD CHOICE SCOTCH TOPPED SHORT-HORN CATTLE

I will offer forty-seven head of females and my Scotch herd bull, Red Victor. All the cows in the sale will either have calf at foot by him or be bred to him. Fifteen cows will be sold with calf at foot. Forty of my females are of breeding age and will either have calf at foot or be bred to Red Victor. Table back Short-Horns that are great milkers is the class of cattle I am offering. My herd bull, Red Victor, is offered for sale. He is a straight Scotch bull, sired by Victor Baron 216682 and out of Imported Mabel. My catalogs are ready for distribution and will be mailed by addressing me.

E. S. TURNER, - - - **COLFAX, IOWA.**

COL. F. M. WOODS AND ASSISTANTS, AUCTIONEERS.

good luck selling boars this fall. I am trying to work up trade by having good stuff to sell and I may want some gilts next winter."

Write Messrs. Miller & James, of Meade, Kan., for information in regard to lands in the Artesian valley, as per advertisement on page 24.

A cracking good lot of Duroc Jersey boars are offered for sale by Messrs. Edmunds, Shade & Co., of Kingsley, Iowa. A great many of these are sired by the undefeated sweepstakes boar, American Royal. Write them or go and see what they have to offer.

Mr. H. B. Griffith, of Bowen, Ill., is offering several good boars for sale sired by Ambition, Tip Top Notcher, Hanley, Top Notcher Chief and other noted sires, at greatly reduced prices. Write him at once, as per advertisement on page 28 of this issue.

Writing in regard to the Partridge Cochlin chickens which she is offering for sale on this page. Mrs. Floy Collins, of Viola, Iowa, says: "In regard to my birds, I will say I never had better ones. I have some grand, handsome pullets ready for the fall shows."

Mr. O. M. Healy, of Bedford, Iowa, writes: "The prospects for my Short-horn sale at South Omaha, Neb., December 11th, are very encouraging. My cattle are coming along in good shape. Nearly all my cows in the sale will have calves at foot, and I am including some of my best animals. There will be about fifteen head of the Duchess tribe, about that number the get of Old Airdrie Duke of Hazelhurst (a noted sire in Messrs. Elbert & Falls' and Bigler & Sons' herds). This will be the last opportunity to buy in one sale as many sired by the old bull, as he is dead. My offering will be Bates cattle in their purity, as my entire herd is of straight Bates breeding."

Mr. C. F. Shaffer, Poland China breeder, of Weiman, Iowa, who maintains one of the best herds of hogs to be found anywhere, writes: "Orders are coming in from all directions, having sold as follows: Male and two gilts to Mr. P. S. Peiffer, male pig to Mr. Nick Schmilt, male pig and two gilts to Mr. C. P. Bunch, all of Keota, Iowa; male pig to Joe Becker, Sumner, Iowa; male to Joe Peiffer, Keota, Iowa; male pig to Frank Jenkins, Washington, Iowa; young herd of five young gilts and one male to Mr. E. C. Jones, male pig to Mr. William Vorel, both of Weiman, Iowa; male pig to Mr. Harvey Cox, Montezuma, Iowa. I have a choice lot of male pigs on hand and they are the kind that sell on sight. They are sired by my two great herd boars, Black Chief 99535 and G's Perfection Jr. 89471. These are two of as good breeding boars as can be found anywhere. My pigs have good length, good heavy hoes; are on short legs, stand up on toes; have nice, straight, black coats of hair, with fine head and ear; deep hams and shoulders and carry their width from one end to the other. These pigs are good enough to ship to responsible parties on approval. Write for pictures of my herd boar: free on application. I also have a choice lot of young Short-horn bulls, six to twelve months old, of the low-down, thick-fleshed, early-maturing kind. Herd headed by the prize show bull, Laurel Knight, assisted by Scottish

Sultan. These bulls are all reds and will be priced very low." Look up advertisement on page 36 and address Mr. C. F. Shaffer, Weiman, Iowa, kindly mentioning Homestead.

Messrs. Rood Bros., of Lake Park, Iowa, offer fifteen good Duroc Jersey boars for sale sired by Red Ribbon and King Edward, their former herd boars, and by Fortune Maker and Bell's Model. They will also price a few gilts at any time. They now offer to sell Lady Belle II., the best sow in their herd. She was sired by King Duroc 7851 by old Duroc King, and her dam is Lady Belle by Pericles Chief. This sow won first premium at the Minnesota State Fair in one and under two-year-old class in 1903, and she has always been considered one of the best sows in northern Iowa. An even \$100 takes her. Write them if you want boars or sows, as they have them, and are ready to ship.

On December 11th, at Rock Valley, Iowa, Mr. W. J. McLean, one of the best-known breeders of Short-horns in northwest Iowa, will sell a draft of fifty head of Scotch and Scotch-topped cattle from his herd. There will be seven head of Scotch cows and heifers and four Scotch bulls, representing such choice families as Victoria, Mysie, Generosity, Bloom, Narcissus and Matchless tribes, together with a splendid lot of Scotch-topped cattle, having four and five richly-bred crosses. Individually, the cattle are a splendid lot of well-bred and well-kept Short-horns and there will be one of the best bunches of heifers go into this sale that has been sold this year. The entire offering is worthy the attention of our best Short-horn men.

Mr. S. E. Newhouse, of St. Louis, Mo., has 240 acres of farm land located in New Madrid county, Missouri, which he is offering for issue. This farm has 120 acres of corn on sale in his advertisement on page 24 of this issue at present which will average eighty bushels to the acre. The balance is in wheat and timothy meadow. If interested write Mr. Newhouse and also ask him for his literature on the Garden Spot of Missouri. This part of Missouri lies adjacent to Sikeston and embraces part of Scott, Stoddard, New Madrid and Mississippi counties in the southeast part of the state. For a distance of twenty miles in any direction from Sikeston the soil is very fertile and productive. It varies from five to fifteen inches in depth. Corn and wheat are equally productive on this wonderfully rich soil. It will pay any reader of The Homestead who thinks of buying land in Missouri to write Mr. Newhouse for this pamphlet.

Mr. Gus A. Pederson, of Ocheyedan, Iowa, well known to Homestead readers, and one of the best Duroc Jersey men we have in the northern part of the state, now offers for sale twenty boars sired by Osceola Chief, a grandson of Van's Perfection, and he is a boar that has done him a wonderful lot of good. He also has pigs by Proud Perfection, a son of the Iowa State Fair winner, Perfection Chief, and by Gruver's Orion, a son of old Orion. He won first prize on Osceola Chief at his county fair and he breeds the same type as himself. While visiting the herd we saw a lot of well-developed and

TOO LATE TO CLASSIFY.

**KERR'S
O. I. C.'S**

I AM now offering boars that are rich in the blood of the champions Kerr Dick and Big Mary. It is the blood of this pair that made my December sale average \$49.35 and my April sale average \$84.95. Herd headers among these. Write me.

O. L. KERR, Independence, Mo.

HANLEY BOARS
FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if you want one.

McNeil Bros. - Bowen, Illinois.

Tip Top Notcher Boars
For sale at very reasonable Prices.

ALSO boars by Hanley, The Lad for Me, Red Express, Golden Echo and other noted sires. Write at once for prices and descriptions.

Fagan, Browning, Hess & McCabe,
Hersman, Illinois.

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, - Portsmouth, Iowa

BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions.

H. B. GRIFFITTS, - Bowen, Ill.

BOARS! BOARS!

FOUR HERDS. Duroc Jerseys, \$15 to \$25. Address: Roycroft Farms, Des Moines, Iowa. Mutual Phone 794

FANCY White Holland Turkeys. Partridge Cochlin hens; (arm range; \$15 per doz. Write for prices on show birds. Mrs. Floy Collins, Viola, Ia.

stretchy boars ready to go out and do good service. His prices on these is within the reach of anyone who wants a good boar. He also has a bunch of good gilts on the farm which he is reserving for the brood sow sale in January. In the meantime anyone who wants boars should write him at once, mentioning The Homestead.

Mr. F. A. Murray, of Mazon, Ill., breeder of Polled Durham cattle, writes: "During the past month we shipped Polled Durhams to the following parties: A yearling hui

HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. **15 choice** Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadelaud, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL, Mt. Ayr, Ia.

FOR SALE.

LIVE DEER, all ages, white swans, California quails, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock.

DEER LAKE PARK, Severy, Kan.

WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

J. P. SPEARMAN, PAPILLION, NEB.

LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

IMPROVED Chester Whites, weighing from 130 to 140 lbs. Males from \$16 to \$25. Gilts \$15 to \$20 each, bred or open. Good on feet back and body lines, nice head and ears. Come now and get something up-to-date to head your herd. Four yearling sows at \$25 each. E. J. Trumbauer, Patterson, Iowa

SILVER LACED WYANDOTTES. COCKERELS for sale, \$1.00 each. The best I ever grew. Buff turkeys. **Wayside Farm,** Mt. Vernon, Iowa

RATS! MY Scottish terriers will make them git. Very fine pups from recorded parents for sale. S. W. Hurr, Riverside, Iowa.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

to D. Worthington, Rochelle, Ill.; a bred heifer to B. Barrett, Gardner, Ill.; three cows to R. D. Menaugh, of Mazon, Ill.; a twelve months hui to W. A. Patterson, Durand, Ill.; and a six months hui calf to S. R. McCulloch, Donnellson, Ill. Mr. Patterson has

bought of us before and this time got a very promising bull in Lord Snowdowne 2d, an imported Scotia, with dam by Idio Knight, the bull we sold as a yearling for \$1,050. We showed Lord Snowdowne 2d at the Irquois, Kankakee and Grundy county fairs this fall, winning first on him in each case. He weighed close to 1,000 pounds and was of the type that responds readily to the feed box." See advertisement on page 35.

Mr. Thomas H. Canfield, of Lake Park, Minn., writes: "We have made the following sales of 137 Large Yorkshires for breeding purposes since our September report, and the demand is better than ever before at this time of the year: In Minnesota: H. Beche, Hawley; John Kofarnus, Welcome; Emil Tussen, Perham; Theo. Foslien, Brandon; George Ballmes, Adrian; Hans Johnshov, Starbuck, and Swift & Co., S. St. Paul. In Iowa: Thomas Weldman, Red Oak; Joe Telford, Ottosen; Harry Colliprest, Ruthven, and John Morrell, & Co., Ottumwa. In North Dakota: William Huggins, Grand Forks; G. H. Gessner, Penn; H. H. McNair, Portland, and B. M. Turnbull, Fessenden. In South Dakota: A. J. Lohr, Vermilion; Fred G. McIntosh, Bowdler; A. H. Nitz, Canova, and William Heppner, Voiga. In Nebraska: J. S. Stanek, Virginia. In Wisconsin: F. B. Woodard, Bloomer; George Bauernfeind, Elkhart Lake, and Theodore Mathew, Chippewa Falls. In Kansas: Clark Osgood, Florence. We have now on hand 175 last spring gilts which we will commence to breed now for litter next spring, and they will be ready for shipment some time in the middle of the winter." See advertisement on page 33.

Messrs. Osborne Bros., breeders of high-class Poland China swine, of Osborne, Iowa, write: "We beg leave to report the sale of Onward to Mr. C. L. Thayer, of Fostoria, Iowa. Mr. Thayer gets, in this boar, a very toppy animal and one of as good breeders as there are anywhere. His pigs are among the best we ever raised and he is the sire of the litter we mention in our advertisement. We have also sold to Mr. Charles Hunsberger, of West Union, Iowa, a very toppy fall boar, sired by Osborne's Sunshine 90931. Our local trade has been good and we have sold to all old customers where we had pigs not akin to those we sold in former years. The dam of the pigs we mention in our advertisement is a great sow and could be made to weigh 800 pounds. She is a show sow and her sire is the great Osborne's Perfection 62957. We have a few extra good young boars that we will make a very low price on, in order to close them out, as we need the room for our fall pigs. Everything on the place is in perfect health and in the best of breeding condition. Corn in this locality is the best grown in years; other crops were good, except hay, which is very short." See advertisement on page 36.

Among the Duroc Jersey men in northern Iowa that are rapidly coming to the front is Mr. C. L. Strayer, of Ocheyedan. He now has considerably over 100 head in the herd, headed by Star Perfection 41267, a grandson of old Duroc King, and he is not only a very good hog himself, but he is the sire of some good stuff on the Strayer farm. When laying the foundation for his herd he purchased five sows from that noted Minnesota breeder, Mr. Wm. Malcolm, of Bigelow, Minn., and these were sired by Malcolm's Model and King of Minnesota. With Star Perfection as the sire, backed by the blood of old Duroc King, coupled on these Malcolm Model and King of Minnesota sows, with the blood of the famous old Top Notcher behind them, he has succeeded in breeding a splendid type of Duroc Jersey hogs. This year he showed at the Ocheyedan fair where he won a number of the best premiums, including first on gilt and a number of second and third premiums. He now has about twenty good boars for sale and he is pricing these right just to move them. He will make a brood sow sale in January, at which time he will put the tops of this year's crop. If any of our readers want a boar pig they can get them from Mr. Strayer and at a reasonable price.

BARBER'S CHESTER WHITES.

Anyone wanting a good Chester White boar or a few good gilts can get them from Mr. J. L. Barber, of Harlan, Iowa. All his stock are sired by prize-winning boars and he has the very best. You can depend on him to send you good stock and good individuals.

WEIGHTON'S DUROC JERSEY BOARS.

Anyone wanting a Duroc Jersey boar, one that is fit to head a herd, should read the advertisement of Mr. John Weighton, of Audubon, Iowa. He has a number that are ready to ship and they are all right. Read his advertisement on page 38 and write him at once.

GLENWOOD CRITIC BOARS.

Anyone who wants a good young Duroc Jersey boar can get one of Mr. A. W. Lamb, of Monroe, Neb. He formerly owned Glenwood Critic, a son of Glendale Critic, and he was one of the best boars fitted for the shows this year. His pigs are toppy and they are good. Write Mr. Lamb if you want one.

MCCUTCHE'S BERKSHIRES.

Mr. Fred McCutchen, of the Ardmore Stock Farm, Holstein, Iowa, writes: "Just say to your readers that in all the years we have bred Berkshires we never had as good a bunch of boars and gilts on the farm as we have at the present time. We are ready to ship gilts open or bred and we can please anyone looking for a good Berkshire boar."

AUCTION SALE OF ABERDEEN ANGUS CATTLE.

Mr. J. Nissen, of Meservey, Iowa, will hold a sale of thirty-five head of Daddies at his Pleasant Hill Farm, adjoining the town of Meservey, on November 23d. Mr. Nissen purchased the entire Leslie & Burwell herd of Angus cattle after the death of Mr. Leslie, and has since been adding to some of the choicest specimens of the breed. The old Leslie & Burwell herd at one time was most conspicuous in American show yards. It was known as the Cottage Grove herd and nearly all animals bred there bore the name of Cottage Grove. Notices of Cottage Grove being common. It was Mr. Nissen's good fortune to secure from Mr. McHenry, of Denison, Iowa, the Pride bull, Baltimore of Glendale. A goodly number of cows and heifers will have calves at foot by this old Tyson-bred bull. This sale furnishes a splendid opportunity for buyers of northern Iowa and Minnesota to secure as choicely-

THE SEVENTH ANNUAL INTERNATIONAL LIVE STOCK EXPOSITION

UNION STOCK
YARDS, CHICAGO

DECEMBER 1 to 8
1906

More and better pure bred breeding cattle, hogs, sheep and horses than ever congregated at any show yard. Car loads of live stock surpassing in quality. The best horses produced in the world. A week's education in breeding, feeding and marketing problems that no farmer or stock man can afford to have his family or himself miss. 12 annual meetings of breeding associations. Daily sales of pure bred breeding stock at one o'clock.

TUESDAY,
December 4

60 Aberdeen Angus from best herds. For catalog write W. C. McGavock, 624½ East Adams St., Springfield, Ill.

WEDNESDAY,
December 5

50 Choicest Short-horns. For catalog write B. O. Cowan, Asst. Sec., American Short-horn Breeders' Assn., U. S. Yards, Chicago.

THURSDAY,
December 6

50 Carefully selected Herefords. For catalog write C. R. Thomas, Sec., American Hereford Breeders' Assn., Kansas City, Mo.

FRIDAY,
December 7

40 Red Polled cattle offered by best breeders. For catalog write Geo. B. Buck, Mgr., Sunny Hill, Ill.

Wednesday and Thursday, December 5th and 6th,
Shropshire sheep from best flocks. Write G. H. Davison, Milbrook, N. Y.

Low Railway Rates.

You can not overcrowd---Seats for all.

bred Angus cattle as can be found any place. The announcement can be found on this page.

CLOVER WAVE DUROCS.

It is with pleasure that we call our readers' attention to the Duroc Jersey advertisement of Messrs. Stowe & Gingrich, of Hamburg, Iowa. With the blood of the great Nebraska Belle, Orion, Jumbo Red and other noted winners they are prepared to furnish the best in the land. In this herd will be found some of the greatest sows of the breed, and they have the best bunch of boars that they have ever offered for sale. If you want a good one you will write them or go and see their herd.

J. P. SPEARMAN, AUCTIONEER.

With this week's issue we again renew the card of Mr. J. P. Spearman, of Papillion, Neb., one of the best young auctioneers in the West. Mr. Spearman has done good work for a large number of western breeders and his work has been very satisfactory; so much so that this year he has some of the very best breeders to sell for. He is well posted on pedigrees, a good judge of values and is a good worker. We recommend him to any of our readers who want the services of a conscientious and pains-taking auctioneer.

REUBEL BROS.' POLAND CHINAS.

Readers of The Homestead who want good a good business Poland China boar, one with plenty of size and ample quality, should read the advertisement of Messrs. Reubel Bros., of Rockwell City, Iowa. They have a good bunch sired by R's Keep On, half brother to the great Prince Alert and Impudence, both sweepstakes boars at the Iowa State Fair. Then they have a number by Iowa Chief, the best Thickset boar in the West. Just read their advertisement on page 37, and write them and do it at once, before the good ones are all gone.

CHANDLER'S LATE SHROPSHIRE IMPORTATION.

One of the best importations of Shropshire sheep that has ever been brought across the water is the recent purchase of Messrs. Chandler Bros., of Kellerton, Iowa. They secured the top of five of the best herds in Europe, and now have imported rams and ewes for sale that can go out and win their share of the money in the best show rings in America. If you want an imported ram to head your flock you can get the very best of the above firm. Write them at once and be sure to get a good one.

HULBERT'S POLAND CHINA BOARS.

One of the best bunches of Poland China boars that we have seen this season is offered for sale by Mr. Chas. M. Hulbert, of Oakland, Neb. These are sired by his great boar, Oakland's Prospect, winner of second premium at the Nebraska State Fair, and he gets the size on his pigs, as well as the bone and quality that the boys all want. He also has pigs by Chief Enterprise and Nemo L's Oakland. Mr. Hulbert says that he will make special prices for next thirty days, and he certainly has some good boars on hand. Write him at once or go and see the pigs. Kindly mention The Homestead when doing so.

GEORGE ALLEN'S GREAT SHROPSHIRE EWE SALE.

On November 14th, at the sale pavilion, Kansas City, Mo., will be held the Shropshire ewe sale of Mr. George Allen, Lexington, Neb., one of the foremost sheep breeders in the United States. He will sell 300 head of yearlings and two-year-olds, and they will be selected and sold in pens of three. They will be carefully mated to first-class imported rams, and they will all be registered and the best known English pedigree furnished with everything sold in the sale. The Allen flock has been one of the best-known Shropshire flocks in America, and was the World's fair winner at Chicago, as well as being the leading winner at St. Louis and the Illinois, Iowa and Nebraska State Fairs. If any of our readers want Shropshire ewes, they should by all means arrange to be at Kansas City on November 14th. Catalog can be had by writing to Mr. Geo. Allen, Lexington, Neb., and mentioning this paper.

Angus Cattle Sale

TO BE HELD AT

PLEASANT HILL FARM, ADJOINING MESERVEY, CERRO GORDO CO., FRIDAY, NOVEMBER 23.

40—HEAD—40

Comprising thirty-four cows and heifers—fifteen will have calf at foot—and six bulls. Three bulls and most of the heifers are sired by Baltimore of Glendale, the noted old sire of prize winners formerly at the head of McHenry's herd. The cows are a good useful lot of good-size without coarseness, and most of them are bred to Baltimore or have calves by him. Write for catalog.

Meservey is located on the C. G. W. Railway, 23 miles Southwest of Mason City, 7 miles North of Alexander on the Iowa Central.

J. NISSEN,

Cols. Silas Igo,
J. J. Wilson, Aucts.

MESERVEY, IA.

Sale of Short-horn and Polled Durham Cattle

ALSO POLAND CHINA HOGS.

TO BE SOLD AT SCOTLAND VALE STOCK FARM, NOVEMBER 15, 1906. SIX MILES SOUTHEAST OF SOUTH ENGLISH AND SEVEN MILES NORTHWEST OF KEOTA, IOWA.

The offering consists of 26 Short-horns, 8 bulls and 18 cows and heifers, and 25 Polled Durhams, 5 bulls and 20 cows and heifers, of as well-bred a lot of stuff as will go into any sale. Animals of high individual merit, including 5 head of the well-known Short-horn show herd of L. W. Barnhart. In the Short-horn offering is included Imp. Dora 3d and other pure Scotch cattle, such as Golden Rule and Golden Rule 2d, sired by Imp. Golden Fame and out of Imp. Ruby 32d, and Scottish Myrtle out of imported sire and dam, and other nicely Scotch-topped cattle. Many of the cows have calf at foot, others safe in calf. The Short-horns are contributed by L. W. Barnhart, South English, Iowa, and M. Yoakim, Webster, Iowa. In the Polled Durham offering are two as well-bred Scotch bulls as the breed contains, Scottish Archer by Prince of Pallas and out of Imp. Ruby 32d. Claudius by Ottawa Gauntlet and out of Imp. Claudie 4th. Dora of Sittytown by Prince of Pallas and out of Imp. Dora 3d, and others of high individual merit and good breeding. Polled Durhams contributed by S. B. Wenger, South English, Iowa; T. S. Gore, South English, Iowa, and M. Yoakim, Webster, Iowa. The Poland China offering is a dispersion of the herd of S. B. Wenger, 45 in number. Eleven sows and one herd boar by Perfection I Know. Three sows by L's Tecumseh and others equally well bred. Perfection I Know's get have taken more premiums at Iowa State Fair the last three years than the get of any other hog, at any state fair. For catalog of hogs address S. B. Wenger, South English, Iowa. Hog sale 10 a. m. sharp. No catalog sent without application. Cattle sale 1 p. m. Sale in big tent. For catalog of cattle sale address L. W. Barnhart, South English, Iowa.

GREAT COMBINATION SALE OF

..... SHORT-HORN, CATTLE

TO BE SOLD AT

HASTINGS, NEBRASKA, WEDNESDAY, NOVEMBER 21, 1906.

Thirty-two head of choicely-bred Short-horns from the well-known herds of Saddle Bros. and C. N. Moore. Thirteen females and nineteen bulls, the tops of four good herds.

Saddler Bros., Hastings, Neb., Props. C. N. Moore, Hastings, Neb.
COLS. T. C. CALLAHAN AND I. R. DOTY, AUCTIONEERS.

Last Call for the Donohoe & Cash Sale of Aberdeen Angus Cattle.

This will be the last opportunity for us to direct attention to the very important sale of Aberdeen Angus cattle to be held at the new sale pavilion in Holbrook, Iowa, Tuesday, November 13th, by the following well-known doddle breeders: Messrs. P. J. M. H. and Mike Donohoe, John and Mike Cash, all of Holbrook, Wm. Cash, of Williamsburg, and Pat Leahy, of Parnell. The sale management fell to Mr. Wm. Cash, the big-hearted, whole-souled, congenial breeder of Aberdeen Angus cattle who will leave no stone unturned to make this sale the success that it deserves. As has been before stated, these breeders have built up a herd of Angus cattle second to none in the entire West. We have had considerable to say concerning the high character of the herd bulls that have been used, namely, Black Woodlawn and Woodlawn Blackbird Lad, the latter being included in the sale. In building up the herd keen good judgment has been exercised in securing not only cattle of fashionable and aristocratic breeding, but individual merit has been one of the prime factors constantly in the minds of these modest breeders, the results of which can plainly be seen, for good on sale day. Inasmuch as the Baker & Smith sale, the day following theirs, was recognized as being one of the great sales of the year, being a dispersion sale, these enterprising breeders surrounding Holbrook have delved deeply into their herds consigning much of their best stock, including some twenty odd famous Blackbirds, in order that they might not take second rank, so far as the importance of their sale was concerned, in the eyes of the breeders of Aberdeen Angus cattle in America. The first notable bull used by these breeders was the great show bull, McHenry King 2d, a bull that stood at the head of Mr. W. A. McHenry's young herd, winning sweepstakes at the Omaha Exposition in 1898. After using this bull as long as was profitable, or until another bull was needed to use on his heifers, he was then sold to Mr. S. Van Winkle, of Vans Harbor, Mich., where he went to head his great herd. After this the Holbrook breeders purchased the Blackbird bull, Black Woodlawn, the international champion at Chicago in 1902, and conceded by many good judges to be the greatest living Aberdeen Angus bull. His get in the show yard this year and for several years have proven his worth and given him the right to claim this proud distinction, coupled with his great individual merit, which is undoubtedly second to no other Aberdeen Angus bull in America. This bull sired the great Glenfoil Rose, the many time champion heifer shown by Mr. E. T. Davis, of Iowa City. He also sired the first-prize bull calf at the International in 1903, Woodlawn Admiral. He was also the sire of many first-prize winners at the leading fairs of 1905 and 1906, and there will probably be as many, if not more, of this great bull's get shown at the prominent exhibits in 1907 than of any other living bull of the breed. This bull has had an able assistant in recent years in another Blackbird bull, Woodlawn Blackbird Lad, the very best son of the famous champion, Lord Woodlawn, the latter bull being included in the sale. The last named bull has been not only a prominent state fair winner, but also a winner at the International Exhibition, and has sired many prize winners. The good cattle listed for this sale are so very numerous as to make it utterly impossible to individualize on the offering, hence we must content ourselves to treat this matter in a general way, assuring our readers that they cannot possibly be disappointed in this offering of Aberdeen Angus cattle which will take place on the above named date. The new pavilion at Holbrook in which this sale will be held is the largest and best-constructed pavilion in the state. Its existence is due to the enterprise of these self-same breeders who are making this choice offering of doddies. The same enterprise that was exhibited in building this \$5,000 pavilion characterizes all of the doings in a business way, that permeate and influence the action of these reputable breeders in all their undertakings. All who attend this sale can be made comfortable, as the sale is held under roof, with comfortable, permanent seats for the visitors. Parties coming from either the north or south over the Milwaukee system should leave cars at Parnell, where free conveyance will be awaiting them to transport them to the sale pavilion. Parnell is on the Kansas City division of the C. & M. & St. P. Ry. between Ottumwa, Iowa, and Cedar Rapids, Iowa. Missouri and southern Iowa parties will find the location easy to reach by way of the Milwaukee railway, going diagonally across Iowa through Missouri; while parties from the east and west on the line of the C. R. I. & P. should change cars at South Amana, where the Rock Island crosses the C. & M. & St. P., and go south to Parnell, which is the third station from South Amana; while parties coming from the east or west on the Muscatine & Montezuma branch of the Rock Island road should change cars at Webster at the intersection of the Milwaukee and go north to the third station or Parnell. This sale will undoubtedly be the most attractive, as well as the most important, ever made in this part of the state, as it is the best lot of cattle, from every point of view, that has been offered in this vicinity. Each and every contributor to the sale is an upright and honorable gentleman, whose word goes without question. Parties attending this sale will find it convenient to leave Parnell in the evening and get to Cedar Rapids so as to attend the Baker & Smith sale the following day.

Wayne County Short-horn Breeders' Sale

At Corydon, Iowa, November 30, 1906, at 12:30 o'clock, will begin the first annual sale of the Wayne County Short-horn Breeders' Association. This organization is supported by thirty of the best farmers and breeders of Wayne county, and the number of cattle owned totals about 1,000. As this is the first sale, very careful preparations are being made for its success. The sale will be conducted in a comfortable sale barn and by good talent. Corydon is easily able to take care of visitors and is reached by two trains east and two trains west daily on the C. B. & Q. road and all trains on the Rock Island will be met at Allerton by hack. The officers in charge of this sale wish it understood that the offering is to be representative in every respect. All animals consigned have been carefully inspected and nothing but the best has been entered. No culls whatever will be included, but good, serviceable stock, all registered and guaranteed to be as represented. All stock has been reared under natural conditions, so that the farmer looking for foundation blood should have no hesitancy in attending and making purchases. There are some splendidly-bred animals some straight Scotch and Scotch-topped which should command the attention of the best breeders who desire some good, thrifty, vigorous additions to their herds. While the offering is mostly young stuff, there is a herd bull offered, Sanspareil King, and a few cows with calves at foot which should prove most profitable investments as they combine good milk and beef qualities. Those who have consigned stock are Messrs. J. E. Crosby, secretary; H. E. Miller; I. G. Davis; A. W. Bennett; Frank Showalter; Nelson King; Gedney & Son; Wes Snyder, all of Corydon; also Geo. Miskimmins, Cambria; E. W. Blakely, Russell; C. W. Montgomery, Promise City; C. H. Conklin, Allerton; W. E. Dotts, Russell; D. T. Harris, Mystic, and John Rutter, Sewal. In the forenoon of the same day Mr. D. T. Harris, a member of the association, will sell twenty-three head of Poland Chinas. The six boars will include the herd boar bred by Peter Mouw, Orange City, Iowa. Some of his get is in the sale. Some of the young boars and gilts are sired by Sunshine Tom out of Missouri Sunshine, first at Des Moines, 1900. Four brood sows bred by Messrs. Winn & Mastin are sired by Corrector, Perfect I Know, Lamplighter and Mischief Maker. This addition to the cattle sale should make the day an especially attractive one for stockmen. Catalogs may be obtained from Mr. J. E. Crosby, secretary, Corydon, Iowa. Come out and help to encourage the breeding of good stock and mention The Homestead when writing.

H. D. Parsons' and Andy Stewart's Annual Sale of Short-horns.

The announcement is made by the well-known breeders of Short-horn cattle, Messrs. H. D. Parsons and Andy Stewart, of Newton, Iowa, that on Tuesday, November 27th, at the sale pavilion in Newton, Iowa, they will sell from their well-known herd something like thirty-five head of Scotch cattle and thirty head of Scotch-topped. Mr. Parsons contributed from sixteen to twenty bulls, including ten or twelve Scotch bulls, and a very select lot of Scotch females. Mr. Stewart sells ten Scotch females and no bulls. This will be in all probability the largest offering of Scotch cattle that has ever been sold in this pavilion at one time. The name of Mr. H. D. Parsons is so well and favorably known by the Short-horn breeders throughout the middle West that it would seem that nothing need be said concerning one of his sales, other than the fact to mention the date on which his sale was to be held. There is no man in America breeding Short-horns that stands higher in the estimation of his fellow breeder than does Mr. H. D. Parsons. His word is regarded among breeders and hankers as absolutely good and equaling a government bond. So careful is Mr. Parsons of always being right that he would not for one moment affiliate in a sale with any other party (knowingly) whose word, character and standing was of less value than his own. This is the character of man that we find in Mr. Andy Stewart, who joined Mr. Parsons in this sale. Mr. Stewart has been reared under Mr. Parsons' gaze, so that he has confidence in his opin-

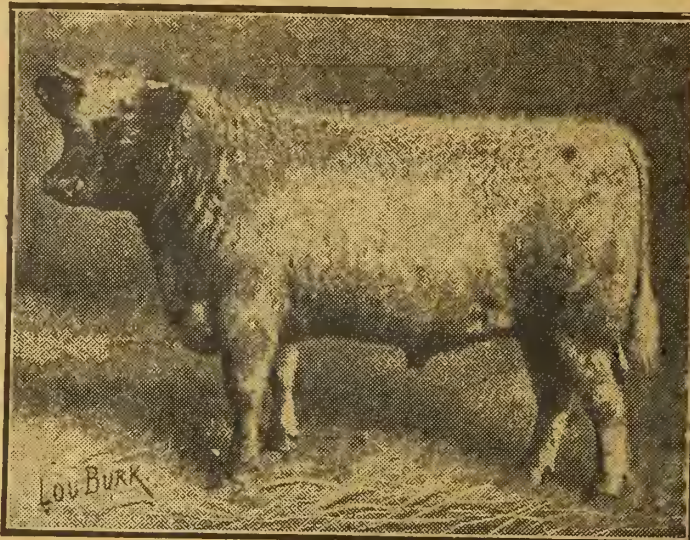
BIG SOUTHERN IOWA SALE OF

45
HEAD

SHORT-HORNS

45
HEAD

On Nov. 15, at E. C. Holland's farm, adjoining the town of Milton, Ia., will be sold 45 head of select Short-horn cattle from the well known herds of E. C. Holland, Dr. Guernsey, Sample & Sample, E. C. Holland contributes 24 head, Dr. Guernsey 15 and Sample & Sample 6 head, including their herd bull.



A goodly number of cows with calves at foot or well forward in calf are offered. Dr. Guernsey sells 9 beautiful 2-year-old heifers all bred. Sample & Sample sell 5 cows well forward in calf and 12 of the Holland consignment are all bred to the splendid Scotch bull Prince Charles 166137.

For particulars concerning this sale and for catalog application should be made to

E. C. HOLLAND, COL. R. W. BARCLAY, **MILTON, IOWA**
Auctioneer.

REMEMBER THE THOMPSON & SMITH SALE AT WEST LIBERTY, IA., NOV. 14.

GRAND SALE OF

65
HEAD

Aberdeen Angus Cattle.

65
HEAD

THE DONOHUE & CASH SALE

OF
65 Aberdeen Angus Cattle

Will be held at the sale pavilion in

HOLBROOK, IA., NOV. 13, 1906.



We will sell twenty Blackbirds, a number of Prides, Queen Mothers and Ericas. Twelve bulls will be listed including the champion show bull of 1906, Glenfoil Thickset 2d, first at Des Moines; first and junior champion, Kansas City. Fifty-three head of females, mostly bred to Black Woodlawn, or Woodlawn Blackbird Lad. Two of the best Angus bulls in America. Woodlawn Blackbird Lad is included in the sale. The consignors to this sale are P. J., Mike and M. H. Donohoe, William, John and Mike Cash, and Patrick Leahy. Cols. Woods and Igo, Auctioneers. Free conveyance from Parnell, Williamsburg and other surrounding railroad points. Mention this paper when writing. Address for catalogs,

P. J. DONOHUE,
Holbrook, Ia.

WM. CASH,
Williamsburg, Ia.

lion that Mr. Stewart adds dignity and character even to a Parsons sale. A personal inspection of the offering of each of these gentlemen at once convinces us that the offering in every way is exceptionally attractive and will present an opportunity for breeders of the United States to secure found-

dation stock for new herds and some splendid additions to any well-established herds. Col. F. M. Woods and assistants are expected to part the ownership of some very worthy cattle on the above named date. Application for catalogs can be made to either of the above named parties at Newton.

Grand Dispersion Sale OF SCOTCH & SCOTCH-TOPPED

SHORT-HORNS

TO BE SOLD AT

DR. ANDERSON'S SALE BARN, SEWARD, NEB., SATURDAY, NOV. 24, 1906
**43 COWS &
HEIFERS
7--BULLS--7**

Twenty-six of these cows with calves by their side and most of them bred again to one of the three great Cruickshank bulls now at the head of this herd. This offering as a whole is considered to be one of the very best in the state this season and are worthy of the attention of the most discriminating buyers. They combine great beef and milking qualities that every breeder and farmer should be looking for. The bull offering is a very strong one in both breeding and individuality. Included in this sale will be the great Parsons-bred bull, Second Baron, sired by that noted sire, Baron Victor. Royal Aberdeen will also be sold and is no doubt one of the best yearlings that will be sold this year. Write for a catalog and mention The Homestead.

**43 COWS &
HEIFERS
7--BULLS--7**
W. M. McLEMORE, Prop.
**T. C. CALLAHAN, and W. C. WICKHAM,
Auctioneers.**
KEARNEY, NEB.

Last Call for the Prominent Sale of Short-horn Cattle to be Held at Mil- ton, Iowa, November 15th, 1906.

As per previous announcement, a very important sale of Short-horn cattle will be held on the farm of Hon. E. C. Holland, at Milton, Iowa, November 15th, the consignors being Hon. E. C. Holland, of Milton, Iowa; Dr. J. E. Guernsey, of Keosauqua, Iowa, and Messrs. E. B. & A. F. Sample, of Lebanon, Iowa. None of these gentlemen need an introduction to the Short-horn world at this time, because of the fact that they have all been permanently identified with the business for many years. Nevertheless, they are all modest gentlemen who have been content to breed good cattle and sell them at modest prices rather than make much stir or ado about their business. Mr. Holland, however, has been an exhibitor, successfully, too, at the Iowa State Fair and also at the International at Chicago, the greatest of all live stock exhibitions. At this writing, the complete catalog has not been received. Nevertheless, the writer knows something of the breeding of this offering and can say knowingly that some rarely good, useful cattle are being offered. One of the attractions of the sale will be the herd bull owned by Messrs. Sample. He is listed as Lot 1 of the sale catalog, and is Royal Knight 147132. This splendid red bull was calved November 12, 1898. He was bred by Andrew Alexander, of Morning Sun, Iowa. His sire was Plumed Knight, the best Scotch bull that was ever used in Eliza county. Plumed Knight is by Knight of Orleans, and he by Imp. Craven Knight, and out of Imp. Charity 3d was one of the best breeding cows ever brought to this country by the late William Miller, of Storm Lake. Plumed Knight's dam was Imp. Gwendoline by Baron Violet. Royal Knight has for his dam 2d Princess Royal of Cherry Grove, she by Imp. Spartan Hero, while her dam was Imp. Princess Royal 6th by Border Chief. Here is certainly an opportunity for someone to secure a great breeding bull, and as this bull is eight years old, it is altogether probable that he will be secured at a bargain-counter price. Mr. E. C. Holland is listing a few good Scotch bulls, such as Orange Count and Royal Fame, both Orange Blossoms and both are yearling bulls; one is sired by Golden Crown and the other by Secret Scotchman. Included in the offering are a few good Scotch females. Lot 2 is Flora. This is a roan cow, five years old, sired by Campbell of Maine Valley and out of Flora 3d of Orchard Farm. She is only three removes from Imp. Flora 89th by Elucationist. Imp. Flora 89th was a splendid red heifer bred by W. S. Marr and imported as a yearling in 1887 by Luther Adams, of Storm Lake, Iowa. She was purchased by Mr. C. S. Bartley, of West Liberty, who kept her during her entire life and probably produced from her the most valuable cattle ever sent out from his Orchard Farm herd. This is a valuable cow, and one that any breeder would be pleased to add to his herd. The females listed in this sale that are not Scotch are of the choicest American breeding, richly Scotch-topped. Each of the contributors to this sale has been using the very best Scotch bulls that money and good judgment could procure. As evidence of this, we refer briefly to the herd bulls used by Mr. Holland recently, aside from the Royal Knight bull at the head of Messrs. Sample's herd, that has previously been mentioned. Secret Scotchman 168030 is a bull used by Mr. Holland prior to securing his present herd bull, Prince Charles. Secret Scotchman was calved in 1900 and was sired by Starlight, his dam being one of Mr. Cruickshank's Secret tribe. In fact, his dam was the great cow Pearl-ette, a daughter of the Cruickshank bull Imp. Ducal Crown. Her dam, Perfection by Imp. Violet Emperor was also bred by Mr. Amos Cruickshank, while her dam was Imp. Splendor by Royal Victor, the two latter both being bred by Mr. Cruickshank. This great thick bull proved a success in Mr. Holland's herd, and was succeeded about a year ago by the beautiful dark roan bull Prince Charles 166137. Prince Charles is a six-year-old bull sired by Prince Louis, and bred by Mr. Charles Monroe, of Scotland. He was imported by Mr. W. D. Platt, of Canada, and was sired by Prince Charlie 144756. Prince Charles belongs to the celebrated Miss Stamford family, tracing to Imp. Stamford 5th by a bull also called Prince Louis, but bred by Mr. Cruickshank. This Stamford family are recognized throughout the United States as very useful cattle, some good show cattle having descended from this family, as has been proven by the Anoka exhibits by F. W. Harding. Messrs. Sample are selling five head of cows, all bred. Their offering is exceptionally desirable so far as age and usefulness is concerned. Dr. Guernsey is

selling fifteen head; nine head of the lot are exceptional two-year-old heifers and all of breeding age are bred to his herd bull. The catalogs are now ready for distribution and can be had by addressing Hon. E. C. Holland, at Milton, Iowa. Parties attending the all-Scotch sale of Messrs. Thompson & Smith, at West Liberty, Iowa, on November 14th, can leave West Liberty for Burlington at 7:47 the evening after the sale, stay all night in Burlington and leave at about 7:30 on the C. B. & K. C. train for Milton, thus affording a splendid opportunity to witness the sale of about 100 head of choice Short-horn cattle during the two days' series and at the expense, practically, of attending one sale.

The Saunders Short-horn Sale.

On Wednesday, December 19th, at the Greeley Stock Farm, near Manilla, Iowa, that well-known breeder of Short-horn cattle, Mr. Chas. A. Saunders, will sell seventy-one head of the best cattle that has ever been sold from his noted breeding establishment. This sale marks the tenth anniversary of his Short-horn career, and it has been one of the most brilliant and successful of any of our western breeders. With a modest beginning and limited capital he entered into the breeding of Short-horn cattle, and with himself as herdsman he has gradually risen until he is now looked upon by his fellow breeders as one of the best fitters and most competent showmen in our American show rings. He has taken special pains in the selection of cattle that go into his coming sale and when we say to Homestead readers that there will be thirty head of straight Scotch it can be inferred that there will be some great attractions in this offering. Among the females will be three or four imported cows and these have been selected because of their richness of pedigree and individual worth. No. 1 of catalog is Lady Fragrant, a daughter of Marengo's Count, and out of Lady Marengo, the dam of his great young bull, Consumer, that he will show at the International. The latter bull is a rich roan, is fourteen months of age and will weigh 1,500 pounds. Short-horns breeders always look for something good from the Greeley Stock Farm and they will see it again in Consumer. He is the thickest young bull for his age that will be seen at the International this year. His head and horn are ideal and his front is hard to beat. He has two excellent ends on him and his quarters reach down to the hock. He has a good spring of rib and is one of those sappy, easy-feeding bulls. Knight of the Greeley is another good young bull. He is a son of Red Knight 2d and is out of his noted cow, Gladious, also the dam of his well-known bull, King Champion. These two bulls are not offered for sale, but are reserved for show purposes later on. One of the good things that will be offered in the bull line is Lord Champion 2d. He is a son of King Champion and is out of Cherry Sweet Briar by Imp. Lord Banff. His second dam is by Imp. True Briton and his great-granddam is by King James, the sire of old Cumberland. He is a red in color and an excellent individual, and he will be the plum of the bull offering. Mr. Saunders has the distinction of having bred Cumberland's Last and won reserve championship and first on him in his class at the International last year. He will be there again this year with his great heifer, Independence Lady, and she will be one of the most likely propositions in that show. Again referring to his sale, we will say that his catalog will be the finest ever issued by a western breeder. It will be profusely illustrated from cover to cover and will be printed on super calender paper. It will be sent on application and those of our readers who want to be sure of getting one had better write for it at once. Kindly mention The Homestead when doing so.

Combination Sale of Good Short-horns.

A sale of good Short-horn cattle that should attract attention of good breeders far and near is that of Messrs. Saddler Bros., of Hastings, Neb., and C. W. Moore, Hastings, Nebraska, at Hastings, Neb. Hastings is on the main line of the B. & M., and is an easy point to reach from any way. We wish to say that in this sale will be a lot of dual purpose Short-horns that will be hard to equal. They have the breeding and, above all, are extra good individuals. In this sale will be a draft of young bulls that are very choice and should be sought for by leading breeders, and a man that could not be suited in this bunch would be a hard man to sell to. The cows are extra large, broad-backed individuals that show

First Annual Sale

**WAYNE COUNTY SHORT-HORN
BREEDERS ASSOCIATION**
15
Males
CORYDON, IOWA
FRI., NOVEMBER 30, 1906
Held in Sale Barn, 12:30 P. M.
45
Females

This is the Association's first sale. It is to represent the best animals out of thirteen herds. The committee in charge of sale have allowed nothing but the best to be cataloged. All stock will be presented in just good breeding condition. The bulls are a good lot and have been grown under natural conditions. They are mostly Scotch, topped, with a few straight Scotch. All bulls are under two years with the exception of one herd bull Sanspariel King. The cows and heifers are of good breeding and offer a variety of blood lines. Those old enough will be bred or have calf at foot. Many of the aged cows will have produce in the sale. Some have pronounced milking qualities. The heifers are the largest part of the female offering and have been kept growing from birth. They will make good material for a foundation. The following sires are represented by get in the sale: Choice Goods, Junior, Sanspariel King, Victor of Evergreen Park, Imperial Victor, and Scarlet Prince, and others. All animals are registered and guaranteed to be as represented. The committee will assure you of good treatment. In the forenoon twenty-three head of Poland Chinas will be sold by Mr. D. T. Harris, Centerville, Iowa. Their breeding is representative of the best blood lines. The catalog includes both sales and may be obtained by writing

J. E. CROSBY, CORYDON, IA.

Committee: J. E. Crosby, H. E. Miller, I. G. Davis.
Auctioneers: Cols. Geo. P. Bellows, John Fennel, Capt. Ben Wells.

CLOSING OUT SALE OF

SHORT-HORN CATTLE

AT DONIPHAN, NEB., MONDAY, NOV. 19, 1906.

26---HEAD---26

Including my herd bull, Golden Dale 246863, got by Parkdale Champion 172108. I am offering as good a lot of dual purpose cattle as will go through the sale ring this fall. Write for catalog and mention The Homestead.

JOHN BROWN,
**Col. T. C. Callahan,
Auctioneer.**
DONIPHAN, NEB.

great qualities, both as beef producers and milkers. Most of the older cows have calves at foot; some by Choice King, 241113 by Choice Goods O. K. 203905, he by the great Imp. Choice Goods 186802, conceded the greatest show and breeding bull in America,

being imported to this country at \$10,000 and recently sold to Mr. Howell Rees, of Piiger, Neb., at \$5,500. Catalogs now ready and can be had by dropping a card to any of these breeders. Arrange to attend this sale and get some of this breeding.

Last Call for the Baker & Smith Dispersion Sale of Aberdeen Angus Cattle.

As the time draws near when the famous herd of Aberdeen Angus cattle known as the Cloverland herd, owned by Messrs. Baker & Smith, at Mt. Vernon, Iowa, will be dispersed, we would be derelict of our duty did we not impress upon the minds of our readers that now is an opportune time to send for the catalog of this most prominent Aberdeen Angus dispersion sale. This sale is a very remarkable one in many respects. In the first place, six crops of calves have been dropped on the farm since the partnership of Messrs. Baker & Smith was formed, and there has been one calf each year for every breeding cow on the farm, and a surplus of two to go on. This is made possible by the fact that there have been two pairs of twins dropped. Another attraction in this sale is the fact that every animal in the herd has been thoroughly tested for tuberculosis. This is a feature that should not be lost sight of, as every breeder who desires seed or foundation stock wants it to be healthy. A word concerning the herd bulls used prior to the time of the introduction of the present herd bulls, Black Keillor 3d and Blackbird Man, whose pedigrees were analyzed in our review of this herd in The Homestead of November 1st. We refer now to the pioneer bulls, such as Captain Forbes, Heather Black Jim, Key of the West and Cloverland Pride. Key of the West was a son of Black King, and he by Black Monk, out of Blackcap 5th, while Key of the West, had for his dam the champion show cow, Key of Chicago, by Zaire 8th, and he, in turn, by Black Monk. Key of Chicago's dam was Kenwood, and she out of Key of Harris. Heather Black Jim was a choicebred Heather Bloom sired by Blackbird Jim, and he by Imp. Jim Jams. We had not intended to have made any individual mention of any of the famous Blackbird females, simply to have treated them in a general way, for the reason that to individualize on a part and not on the entire offering would be an injustice to those left without mention. So good and useful is the entire lot that this is the situation. However, there is one beautiful Blackbird cow that has made such a reputation for herself as a breeder that to pass up the Blackbird family without mentioning her would be like the play of Hamlet with Hamlet left out. We refer to Blackbird of Cloverland 2d, Lot 18 of the catalog. She is a daughter of Key of the West and out of Blackbird of Cloverland, she by Heather Black Jim; her dam, Blackbird 5th of Woodlawn by Moon Eclipsor, she out of Blackbird of Creston. This beautiful little cow is a typical doddie from every point of view. She is straight in her lines, low down and thick set. She has every mark of the ideal breeding cow; is a mass of beef, with the flesh evenly laid, notwithstanding this is one of the most rapid breeders at Cloverland. She is the dam of Black Beauty of Cloverland, winner as a calf of the third prize at the International. She is also the dam of Black Beauty of Cloverdale 3d; in fact, she has produced five heifers, every one a star. When such bulls as Key of the West, Moon Eclipsor, Heather Black Jim, Blackbird Jim, Ermine Bearer, Jim Jams, Black Knight, Blackbird King, Black Monk, Abbottsford, Paris and Rugby appear in her pedigree, with Knight of St. Patrick thrown in several times, is it any wonder that she is a great one? More than a half sister to this cow is Blackbird of Cloverland 4th, also a daughter of Key of the West. She has three heifers in the sale and is one of the richest of the rich-bred Blackbirds in the offer. We shall not attempt to mention more of the females, but would direct special attention to the beautiful Blackbird bull calf, Black Banner Bearer, Lot 33 of the catalog. He is sired by Blackbird Man and out of Blackbird of Cloverland 9th. Mr. Matt Baker says of this calf that when he first stood on his feet, he looked like a model matured Angus, and that he has changed but little since. He is the first calf on the farm by Blackbird Man, and is out of a daughter of Black Keillor 3d, which demonstrates that when Mr. Baker selected this bull to use on the daughters of Black Keillor 3d, that he made no mistake. In Black Banner Bearer we find a line-bred Blackbird, with all four branches of the Blackbird family represented. His sire is a Blackcap-topped Blackbird of Corskie 2d, while his dam represents Blackbird of Corskie 3d through the sire, and Blackbird of Corskie 4th through the dam. Many of the most noted champion bulls of the breed are represented in this young bull's pedigree, such as Heather Blackbird, Heather Lad 4th, Gay Lad, Young Wellington, Blackcap King, Blackbird Jim, Black Knight, Knight of St. Patrick and Black Monk. Could richer breeding with more aristocratic prize-winning ancestry be found? We would not attempt to portray a richer Blackbird pedigree, or at least a pedigree containing more noted sires than can be found in the tabulation of Black Banner Bearer's breeding. A splendid eighteen-months-old bull will be found in Lot 32, Bobby Burns of Cloverland. His sire was Black Hero of Cloverland; his dam was Black Beauty of Cloverland by Black Keillor 3d. Bobby Burns has four grand parents that are each of the Blackbird family. His sire is a double Blackbird, while his dam is an International prize winner. This bull is the making of a very smooth and desirable animal; with the breeding back of him he should certainly make a great sire. A splendid young Blackbird bull is Lot 34, Burbon Boy. He is not a Kentucky-bred bull, as his name, Bourbon, might imply, but was bred at Cloverland and was sired by Black Keillor 3d. His dam was Blackbird of Cloverland 5th, previously described and mentioned. Mr. Baker contends that this bull, with deep body, straight lines and good back is a better prospect for a herd bull than was his illustrious sire at the same age. Be this as it may, he is good enough to command recognition of thoughtful breeders, and should find a place at the head of some good herd. Richer breeding in Blackbird lines cannot be found. He is of splendid disposition and is a full brother to Black Banner 2d. We shall not attempt to mention other individual animals in the offering. It is superfluous to do so; in fact, little need be said about such an

offering as this, other than to state the fact that of the forty-eight head listed in the sale which includes everything owned by Messrs. Baker & Smith, that thirty-five of the offering are Blackbirds, all as richly bred; in fact of the same dentical lines of breeding as the few of which we have made mention. We can only urge upon Homestead readers the importance of attending this sale, and of the immediate action in applying for one of the sale catalogs and studying the tabulated pedigrees on the rich lot of Aberdeen Angus breeding from a Blackbird standpoint, that has ever been offered to the public on either side of the water. It will certainly be an easy matter for Colonels Bellows and Igo to find plenty of interesting data on which to talk in selling this very desirable lot of cattle. All parties attending the William Cash sale of Aberdeen Angus cattle at Williamsburg on November 13th can come to Cedar Rapids the evening after the sale and be in position to catch a morning or forenoon train on the main line of the C. & N. W. to Mt. Vernon, which is only about thirteen miles east of Cedar Rapids.

Last Call for the All-Scotch Short-horn Sale.

The above heading may seem a little strange to many of our readers, for it has been a long time since anyone was able to truthfully put such a heading to their announcement of a Short-horn cattle sale. Messrs. Thompson's Sons, of Iowa City, and William M. Smith & Sons, of West Branch, Iowa, have decided to sell about forty-five head of all-Scotch Short-horn cattle at the West Liberty Fair Grounds in the new heated pavilion on November 14th. There will be a goodly number of young bulls; in fact, there are thirteen Scotch bulls, and all Scotch, including Messrs. Smith's herd bull, Scotch Ringmaster, mentioned at some length in last week's paper. There will be thirty females, all told—all Scotch, as before stated, of the following families: Mysie, Alexandrina, Rosemary, Miss Ramsden, Lovely, Lavender, Princess Royal, and Aurora. These families, and these only, comprise the offering. There, perhaps, has not been in many years such an offering of all Scotch cattle. Messrs. William Smith & Sons sell exclusively of the one family, the Scotch Rosemarys. So uniform are these cattle that it would be nonsense to attempt any individual description. They are of the choicest breeding, all descending from the one cow purchased by Messrs. Smith of Mr. S. H. Thompson, Sr. several years ago, and from this one cow have been propagated the entire Smith herd. It has been demonstrated by practical experience that seventy-one head of cattle can be produced from one female and her produce in ten years, providing heifer calves are born half of the time and they are bred at two years of age. Messrs. Smith have sold a goodly number of bulls from their herd and now present eighteen Rosemarys, all descending from Rosy Gem 4th. This has not only been a profitable family to them, but a very prolific one. Messrs. Thompson's Sons make the principal offering of bulls and are offering some herd material in as rich lines of Scotch breeding as can be found in the American Short-horn herd books. The elder Thompson in founding the Pleasant View herd was very careful to select cattle of the highest quality individually, as well as those whose pedigrees were richest in the blood of the famous old Sittytton herd as founded and maintained by Mr. Amos Cruickshank himself. Mr. Thompson, Sr., was also very tenacious of the red color, and the herd is pre-eminently a red one. This is also true of Messrs. Smith's herd, from the fact that it was founded by the purchase of this Rosemary cow above referred to from the Pleasant View herd. In addition to that, up to the present herd bull, Scotch Ringmaster, which was bred by the Cooksons, all the other bulls used by Messrs. Smith were Thompson bulls, and as the entire Thompson herd was originally founded on purchases from the Cookson herd, it will be readily seen that the offering is practically one and the same thing in breeding throughout its entirety. A careful perusal of page 40, where some sample pedigrees are shown will reveal the lines of breeding that we have previously described. We can say little more at this time of interest to Short-horn breeders other than to remind them of the fact that there will probably be no such opportunity offered in the near future where foundation stock of such high Scotch character can be purchased as at this coming sale. Any young breeder who is a careful and judicious feeder can buy one or more of these Scotch females and in a very few years duplicate the grand showing made by Messrs. Smith & Sons on the purchase of a single Scotch cow, the record of which has been previously enumerated. The catalogs can be had at this writing from either Messrs. S. H. Thompson's Sons, of Iowa City, Iowa, or Mr. William M. Smith & Sons, of West Branch, Iowa, by mentioning The Homestead when writing.

• Hamilton Has Good Ones.

In looking over this herd of Polands we find that Mr. Hamilton has some males to offer the trade this fall that are right in every respect. At the head of this herd we find the grand old boar, Moss Chief 19503, a hog of fourteen years of age, and as active as most hogs at the age of four. He is a son of old Chief Tecumseh 2d, and is believed to be the only living son of this grand old sire. He is assisted by Grand Chief Tecumseh 3d by old Chief Tecumseh 3d. This hog has proven a good breeder and a great benefit to this herd. At this time Mr. Hamilton has about 100 pigs by these two sires and some that ought to go to good herds. There are two litters here by Impudence, 97557, he by Keep On 61015. This hog was a winner of first and sweepstakes at the Iowa State Fair in 1905 and any man should feel proud to own a litter sired by him. Among the good sows of this herd is Nellie Wilkes by Presser's Choice, he by Foster's Chief Perfection. This sow is a fine individual and has proven a good producer. Her sire is a half brother to Perfection E. L. This herd is rich in the blood of the most noted strains of the breed, and anyone looking for a male pig may do well by writing Mr. Hamilton.

..FIRST ANNUAL SALE..

OF THE
SHELBY COUNTY

SHORT-HORN

BREEDERS' ASSOCIATION

TO BE HELD AT THE SALE PAVILION

HARLAN, IOWA, TUESDAY, NOV. 13, 1906.

A Choice Lot of Scotch and Scotch Topped Cattle From the Herds of

J. C. NYRUP, J. A. O'BRECHT, H. W. LITTLETON, J. G. WESTROPE, G. H. MILLER, OLE OLSON, V. L. DAYTON, AUG. SONNELAND, W. F. KILPATRICK, G. E. MILLER, C. W. DAWS & SON, R. C. RASMUSSEN.

30 Cows and Heifers and 15 Bulls

The cattle that go into this sale have all been inspected by a committee selected to pass upon them and nothing but the very best was allowed to be cataloged. There are some particularly high class herd bulls in the offering, some of which are straight Scotch. The cows and heifers are also a very high class lot of the beefy, early maturing, and well bred lot of cattle and many of these will have calf at foot. When writing for catalog, address

C. W. DAWS, MGR., - HARLAN, IA.

Col. Geo. P. Bellows, Auctioneer.

STANSELL & MATERN'S

DUROC

SALE

AT McNABB, ILLINOIS
On Wednesday, Nov. 14th.

..... FORTY-FIVE HEAD

Of spring boars and gilts, two excellent yearling sows, the get of Dandy Joe, a half brother to Hanley; Chief of All, a grandson of Ohio Chief; Kant Bee by the noted Kant Be Beat; Perfection Chief by Ideal Perfection, and other noted sires. The offering is a strictly choice one and is in good growing condition. Write for catalog to

STANSELL & MATERN, - - McNABB, ILL.

COLS. FRED REPERT, C. C. KEIL, C. C. PLUMLEY, AUCTIONEERS.
Send bids to D. M. Pierce representing this paper.

JNO. H. HARVEY & SON SELL POLAND CHINAS

At Maryville, Mo., Saturday, Nov. 17.

33 Boars = 28 Sows

THESE spring boars got by the great Nemo L's Dude and out of a Corwin bred sow should go to head good herds. They weigh 275 lbs. each, have the bone and are smooth fancy fellows. We also sell a few full males, 25 strong spring boars and 28 extra good spring gilts. Tecumseh strains predominate. All are the big kind. Write for catalog.

JOHN H. HARVEY & SON,

MARYVILLE, MO.

JERSEY CATTLE.**JERSEY CATTLE.**

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

RED POLLED CATTLE.**50 Head of Red Polled Cattle 50 FOR SALE.**

I WILL sell my entire herd of 50 registered Red Polled cattle, or any part thereof. These cattle have a large per cent of imported blood and include some imp. cows. Twenty head are now giving milk while the remainder is as follows: 4 three-year-olds, 6 two-year-olds, 13 yearlings and 10 calves. It is practically a female offering aside from the herd bull Forester 13265. Address for particulars, W. D. McTAVISH, Coggon, Linn Co., Ia.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eight months down; also choice heifers, prices reasonable. Cull or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Kivera, R. It. No. 1, or Gus C. Seaman, R. It. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

Either sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.
80 HEAD in herd. Irish 3253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

Red Polled Bulls For Sale

Wm. K. Ferguson, Algonia, Iowa
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HEREFORD CATTLE.**WILLOW GROVE HEREFORDS**

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Heglod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

FOR SALE. ONE HERD OF 55 HEAD OF Hereford Thoroughbred Cattle.

12 MALES and the balance females of different ages. Now I have bought thoroughbred registered bulls and cows and have raised the above herd. On account of my age and sickness I would like to dispose of the above herd for cash. All in good flesh and are said to be a very choice herd by parties looking at them.
FRED BEHDER, R. R. No. 5, Marshalltown, Ia.

BEAU BRUMMEL

4TH 194318, First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Wray & Son, New Sharon, Ia.

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I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.
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Breezy Park Herefords

Young bulls of serviceable age, from 18 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.
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IN order to make room, I offer for sale 100 females and 50 bulls, all recorded; 25 yearling heifers, 50 2-year old heifers and 25 cows, from 3 to 7 years old, heavy with calf, and 10 cows with calves at foot, 50 bulls from 6 to 36 months old; also Mastodon Poland China hogs for sale. W. W. Wheeler, Box H, Harlan, Ia.

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WORLD'S FAIR CHAMPIONS. We have 770 pure-bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1906. Address, Thomas H. Canfield, Box 2, Lake Park, Minn.

YORKSHIRES.

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TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

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COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150, 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. I. & P. Ry.

10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

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WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

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BRED cows all sold that we care to spare; a number of growthy, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d.

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Pleasant Hill Herd of Aberdeen Angus. STOCK for sale of both sexes, sired by the great S. Pride bull, Baltimore of Glendale 24275.

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WE have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No old, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more ton horses than any other place in America. Write

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

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ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

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IMPORTED and home bred stallions and mares. One to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

40 HEAD of unbranded sucking colts from mares weighing 1050 to 1500 lbs. \$40. 20 head of broke horses and mares. A. Y. Hauge, Bovine, S. Dak.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

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Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

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320 ACRES of nice, smooth, black, productive land, 100 miles southwest of Kansas City; fair improvements; close to town; will raise corn, wheat or alfalfa. Price, \$35 an acre, clear. Will trade part or all for sound, young stallions.

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CHAMPION STALLION KANSAS STATE FAIR.
CHAMPION AMERICAN ROYAL KANSAS CITY.**

**SHIRE, PERCHERON,
BELGIAN and
HACKNEY STALLIONS**

**Good American Bred Stallions, \$800 to \$1000.
First Class Imported Stallions, \$1200 to \$1600. Choicest Stallions a Little Higher.**

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Having concluded to make a change in placing Stallions before the Public account of the unsatisfactory business methods and transactions done in the Stallion trade to the Buyers as well as to the Sellers by the STALLION SALESMEN, we have concluded to sell our stud from the Barns. Our aim is to give our customers the entire benefit of the profits which have been going to the SALESMEN and to the helper assisting in placing the Stallion, who usually is one of your own neighbors, (the most influential man of the neighborhood), and the great expense of placing the Stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the Stallion to the buyers or the companies from Two Thousand Five Hundred to Four Thousand Dollars. The Quality of our Stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know that we can save you at least 50 per cent. If it is necessary to arrange a company in your neighborhood in order to get a Stallion, form your own company and come to the barn and be convinced that you can save from \$1000.00 to \$1500.00. We ask all intending purchasers to visit our Stud, where we have over 300 head of Stallions to select from—SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS. Come to the barns and deal with Bob Burgess, who has been in the business over thirty-two years, longer than any one man in the Stallion trade. Come to the barns and get the most reasonable terms that can be offered. Send for catalog.



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WILLIAMSVILLE, ILLINOIS,
IMPORTERS AND BREEDERS OF
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**WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND
SELLING BETTER HORSES AT FROM \$700 TO \$1,400 THAN
ANY OTHER FIRM IN AMERICA.**

We have a few sensational show horses that will come some higher, such as Arrowside Duke, first-prize aged stallion Illinois State Fairs 1905 and 1906 and at Chicago International.

Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DU HAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

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LEER, GERMANY, - - - WATSEKA, ILLINOIS.

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German Coach Horse.**

...We are also Extensive Importers and Dealers in...

**Percheron and Belgian
Stallions.**

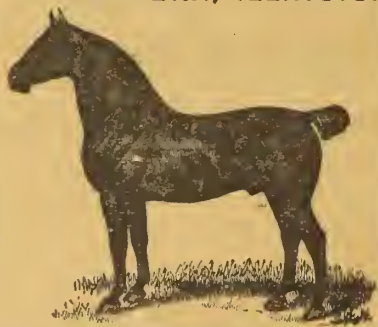
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The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

We buy better horses at less expenses than any other importer can possibly do and for that reason can give you a better horse for less money than you can buy elsewhere.

WRITE US FOR FULL PARTICULARS OR CALL AT OUR BARN.

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**PETER HOPLEY & SON**

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



HORSES.

LAKEWOOD FARM

**LAKEWOOD FARM PERCHERONS MADE A
RECORD NEVER BEFORE EQUALED IN AMERICA.**

At Minnesota

We won championship stallion, championship on mare, and the grand sweepstakes prize open to all draft breeds on stallions showing four of his get, and grand sweepstakes on mare showing two of her produce. In addition we won the Percheron Society of America gold medals for champion stallion, champion mare, champion 3 mares and champion display of 5 American-bred Percherons.

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We won sweepstakes on stallion and his get; grand display bred by exhibitor; Percheron Society of America Special for champion stallion any age; champion mare and champion group of 5 American-bred Percherons.

In addition to the foregoing specially mentioned prizes the Lakewood Stud won twenty-two other class and special premiums at these two greatest state fairs ever held—more prizes than fell to the lot of all other Percheron exhibitors combined.

230 PERCHERONS ON HAND; 100 STALLIONS, many of them show horses. Special prices during the fall months. Every stallion fully guaranteed. Send for new handsomely illustrated catalog.

**ANNUAL PERCHERON SALE AT SIOUX CITY,
DECEMBER 12 and 13, 1906**

80 HEAD of high-class Percherons at auction, consisting of young stallions ready for service, mares and fillies. The mares and fillies are nearly all bred to the great show stallions, CALYPSO and OLBERT, both first-prize winners at the International, Iowa and Minnesota State Fairs.

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C. M. DENT, Manager.

TRUMANS' CHAMPION STUD.

At the GREAT KANSAS CITY ROYAL SHOW our horses won

Champion Hackney Stallion, first and third aged Hackney Stallion, first and third three-year-old Hackney Stallion, Champion Hackney mare, first and third aged Shire Stallion, second, third and fourth three-year-old Shire Stallion, second, third and fourth two-year-old Shire Stallion, Gold Medal Shire mare, Champion Shire mare.

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IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

My importation this year was composed of young stallions and mares that attracted the attention of all importers and lovers of fine horses. Prize winners in Paris are among the Percherons. Two coachers, one a two-time winner, are also in my barns. I have two-year-olds that weigh right at 1,900 pounds. No better strains are found in France. All are young, black, dark grays and bays. They are quartered at my barns at Kirksville, Mo., where I would be pleased to show them. If you need a stallion this year I am better prepared than ever before to sell you something extra and at a price that will save you money. By making my own selections in France, selling them myself and at the barn door enables me to do this. I can also sell you some fine mares. To the man wanting an absolutely first-class jack I will say that I have him well marked and big. Come to my barns and let me show you. I will treat you right every way. I can also sell you smooth-coated Fox Terriers, the rats' enemy. Priced at \$3 to \$7.50 each.

Kirksville is on the Wabash and Burlington railroads.

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25 or 30 BERKSHIRE BOARS

Sired by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

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50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination 11, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growthy with plenty of quality and finish, of April and May farrow.

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Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of ribs and very short, broad dishd face. I will do it at furriers' prices. W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won honors at the best shows. I am now offering some very choice pigs, sired by the great Chalmers Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you. E. H. DANCER, Lamoni, Iowa.

BERKSHIRES—35 spring boars, 4 fall yearlings, 4 matured boars. Some herd headers, 40 spring gilts, 5 fall yearlings, and 6 tried brood sows. Write for what you want, and prices. Sires and dams winners at state and county fairs. Sale November 27th. Send for cat. Address, Houghton & Braman, 1411 South Center Street, Marshalltown, Iowa.

BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address C. T. AYRES, Osceola, Clark Co., Iowa.

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DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 little Knight X1374-139582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 1sts and 10 sweepstakes. SHAVER & DEUKER, Kalona and Wellman, Iowa.

...DOUBLE STANDARD POLLED DURHAMS... FOR SALE

TO reduce my herd of 80 head and to make room, will sell a car load or any number to suit, of cows and heifers; also 10 young bulls and my herd bull Stormaks Hamilton S. H. 23232 P. D. 2706 three years old, a son of the famous show bull Young Hamilton S. H. 114169 P. D. 49. For full information write or come and see.

L. L. Henningsen, R.F.D. 1, Dike, Grundy Co., Ia.
On the C. & N. W. R. R., 48 miles N.W. of Belle Plaine, Iowa.

Double Standard Polled Durhams, HAVING rented my farm, I will sell my small herd of nine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right. W. E. LOUGHARY, Packwood, Iowa.

40 POLLED DURHAMS At Auction Nov. 14, 1906, Mazon, Ill. 30 FEMALES—10 BULLS

Catalogs ready. Write—FRED HARFORD or F. A. MURRAY, Mazon, Ill.

CHESTER WHITE HOGS.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. HANKINS, Sciota, Illinois.

CHOICE Chester White Boars, sired by Hobson 11969, and King Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. Jas. C. Webber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

ORIO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Rieubush, Sciota, Ill.

GROWTHY Chester White pigs, by Long John 14151. Heavy bone, with smoothness. Up on their toes. Write me. E. W. Richardson, Ogden, Ill.

CRESCENT Herd Chester Whites, March and April pigs for sale; heavy bone and very lengthy. V. A. LATHROP, MARION, IOWA.

EVERGREEN CHESTER WHITES, BRED right and fed right. Prices will surprise you. Try me. E. J. Trumbauer, Patterson, Ia.

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CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

CHESTER WHITE HOGS.



WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my huge catalog. It will give you a better idea of the merits of what I offer you. JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Model Herd Chester Whites

PIONEER HERD OF CHESTER WHITES.

100 CHOICE March and April pigs. Heavy-boned, strong backs, Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.

A. A. HUMMER,

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MAPLE GROVE CHESTER WHITES.



I HAVE 120 spring pigs sired by Prince O. K., a prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. ERNEST L. MEAR, R. R. NO. 1, NEPONSET, ILLINOIS.

KERR'S O. I. C. 'S

ON Friday, November 2d at Independence, Mo., I will sell the best lot of O. I. C. boars and gilts that I have ever raised. The blood of The Champions, Kerr Dick and Big Mary, will predominate. If interested write me about them. Address,

O. L. KERR.

INDEPENDENCE, MO.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair, Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

Bluff Road Herd Chester Whites

FALL boars all sold, but I still have a few spring boars for sale, also an extra good lot of gilts ready to ship. Write for description and prices. Farm two miles east of town. D. H. LEWIS, R. F. D. 6, GENESEO, ILL.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection. FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

HUMBERT & WHITE'S "Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,

F. D. HUMBERT,

F. P. WHITE,

Nashua, Iowa.

New Hampton, Iowa.

30 CHESTER WHITE BOARS 30

AN extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa. A. A. ROGERS, Owner.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest up-to-date herds in the northwest. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment.

W. R. WEBB, Spencer, Iowa

BONE'S CHESTER WHITES

THE oldest herd in the county. A fine crop of April pig now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, Ia. Box 85. Samuel Bone, Montezuma, Ia.

SOME CHESTER WHITE BARGAINS. WE have a few Chester White April males that are good ones, and 32 spring gilts that can't be beat that we will sell open or bred. People looking for this kind had better write us. Have 35 of Sept. 1906, farrow that we will sell and ship as soon as weaned. E. L. NAGLE & SON, Deep River, Iowa.

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free. B. M. BOYER, Farmington, Van Buren Co., Iowa

SHADY LAWN HERD

OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEFEBURE, FAIRFAX, IA.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large smooth heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well, and they are unusually large for their ages. We ship C. O. D. Order early. Address, W. M. MERCER, AURORA, ILL.

Mack Stevens & Sons, Iowa City, Ia.

BREEDERS of Chester White swine. 85 early spring pigs for sale now. Mostly out of old sows and by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices. N. A. RANCK, NIOTA, ILLINOIS.

When writing please mention this paper.

SHORT-HORN CATTLE.

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address, E. R. SILLIMAN, COLO. IOWA

4 Good Young Short-horn Bulls For Sale.

SITTED by Victor Maple 203379 he by Grand S Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,

W. E. CUTLER, CORYDON, IOWA.

BLUFFVIEW SHORT-HORNS

A FINE BRAWNED BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

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Wildwood Short - Horns

ALL REDS AND DEHORNED

SCOTCH AND SCOTCH-TOPPED. Five bulls from 15 to 20 months old, and ten from 8 to 12 months and females of all ages for sale at bargain prices for the next thirty days. Come and see them or write

W. W. VAUGHN,

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SCOTCH BULLS

FOR SALE at reasonable prices, Baron Secret 258048 by Baron Secret, and a yearling bull by Baron Secret. These bulls are of unequalled breeding and show yard merit. A splendid lot of Duroc Jersey pigs for sale. Write for prices and descriptions. I will be pleased to meet anyone if notified in advance. Address, HENRY MATERN, LOSTANT, ILL.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, ILL.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. "Prices right; bulls are right and I will treat buyers right."

H. D. PARSONS.

NEWTON and BAXTER, IOWA

30 Scotch and Scotch-Topped Cows and Heifers FOR SALE AT A BARGAIN.

THE heifers are by Imp. McInteer. Also eight Scotch and nine Scotch-topped bulls. Scarcity of feed on account of drought forces me to sell. Write me at once if looking for a bargain in desirable well bred cattle. The lot will be priced right.

A. C. BERRY,

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G. H. George, Monticello, Ill., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Jas. E. Stephenson, Alburnett, Iowa Otter Creek Stock Farm.

JONES CO. HERD OF Herd {Sittytown Sort 173649
SHORT-HORN CATTLE Bulls {Wampin of Way-
side 243046
WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrell & Son, Props., Oxford Junction, Ia.

A GOOD YOUNG SCOTCH BULL FOR SALE SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Brnce, a grand good bull, a herd header. Write me quick. J. D. McDERMOTT, VIOTA, IOWA.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS. VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Imp. of Archers. Also some young stock. C. F. Hobe, Jesup, Iowa.

SCOTCH COWS AND HEIFERS FOR SALE I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale. John Lefebure, Fairfax, Ia.

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BOARS AND GILTS

THE Iowa State College offers for sale some choice early boars of the following breeds: Chester White, Duroc Jersey, Tamworth and Yorkshire; also a good lot of young gilts of the various breeds, including Poland Chins and Tamworths, and six young bulls, three Holstein and three Red Polled. Address,

DIVISION OF AGRICULTURE, Iowa State College, Ames, Iowa

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,

F. P. & J. J. Hardin, R. 6, Lima, O.

ALLEN BROS.

40 O. I. C. Boars—March and April Farrow THE long, heavy-boned prolific kind, from litters that averaged twelve pigs. Call or address, ALLEN BROS., Russell, Ia.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices. JNO. CRAMER, BEATRICE, NEB.

SHORT-HORN CATTLE.

WAYSIDE SHORT-HORNS.

G. H. BURGE, PROP., MT. VERNON, IOWA.

4 Red Bulls For Sale 4

ALL OVER 1 YEAR OLD. 1 SCOTCH BULL, 3 SCOTCH-TOPPED.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chins. Clear the Way 23142, winner of 1st at Iowa State Fair, 1st at Minnesota State, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per, 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judge, Carroll, Iowa

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courier Jr., 2 years old May 13th, sire Nonpareil Courier 2d; dam, Beauty 48th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address, J. H. MOYER, NEWTON, IOWA.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Murr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

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OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith End, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

9 Short-horn BULLS FOR SALE

A T Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMONT, IA.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention the Homestead when writing.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

GEO. BONEWELL,

GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horns, 8 extra young bulls for sale. All red; are of the thick, beefy kind. One pure Scotch, a good one. 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices. Principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov. at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Oederic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
Davenport, Iowa.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charmer. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp.

A. J. GRAVES & SON, Ames, Iowa

4 SCOTCH BULLS

Three straight Cruickshank.

These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135258.

H. D. YARD, CRAWFORDSVILLE, IA.

WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Come or write.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

SECOND ANNUAL SALE CHOICE POLAND CHINAS

19 BOARS

Tuesday, Nov. 13, 1906, to be held at Stock Pavilion, Waterloo, Iowa

35 SOWS

The boars represent the best Poland breeding. Fall boars by C's Perfection 95893 will make herd headers. Those sired by Max 99033, the herd boar, are strong individuals in merit and breeding. Sows are by Model R. 2d 70187, an 800-pound hog with worlds of bone, size and quality. Sows by Improver 34079 that are tried breeders. Also some by C's Perfection as good as you will find. They will grace any herd. A grand lot of gilts by Max that will be well worth the money. Don't miss this chance to get first-class young boars at your own price. Sows are open and arrangements can be made for having them bred. All stock guaranteed. Send for catalog and come and have a good time.

WM. CROWNOVER,

PARAMOUNT STOCK FARM,

WM. HOLLAND,
Auctioneer.

HUDSON, IOWA.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horns. One strictly fancy Red Orange Blossom show one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE" LYNDALD SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndale head Short-horn herd. Females are Victorias, Secret, Butterflies, Lavenders, also a few Young Marys and Rose of Sharon. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

A. F. GRAVES,

Visitors always welcome.

KING CITY, MO.

POLAND CHINA HOGS.

14 BIG STRONG, GROWTHY March Poland China Boars

FOR SALE.

TWELVE of them by Gay Perfection 2d 97251. One by Radium (a sow of Perfection 1c. L.) and one by Impudence 97557. These boars are of the most aristocratic blood known to the breed. Will sell them at \$25 each while they last, except the Impudence boar which I hold at \$35. Impudence was the sweepstakes boar at Des Moines last year. The greatest hog show on earth. The dam of the fellow cost me \$187.50. For further particulars address the owner Joe Steward, Ames, Iowa. Also two yearling scotch bulls, one by Revenue, the other by Golden Diamond.

....ONLY A FEW LEFT.... But They're Good Ones.

OUR boars have been selling like hot cakes; only have 20 boars and 10 spring pigs left. Some of these by the double sweepstakes boar Matchless Jr. 75 fall and spring gilts will be bred and ready to ship Nov. 1st. These by matchless Per, Matchless Jr., B's Chief Tecumseh 2d and Correct 1 know.

HENRY BROS., - LE MARS, IOWA.



MATCHLESS PERFECTION.

WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars 110 G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch add Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

100 EXCELLENT, LARGE-BONED POLAND CHINA SPRING PIGS

FOR SALE—A number of one and two-year-old sows and one fall yearling boar. Also my herd boar, Ideal Perfection 37754 farrowed May 2, 1904. Most of my pigs are sired by him. He was a prize winner at Iowa State Fair in 1905. I will warrant him right in every way. I will ship him on approval east or west. This is the way I ship all my stock. You don't buy a pig in a sack when you buy from me. M. P. LYDON, Cresco, Howard County, Iowa.

ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Mounarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief II 37628, and Winsome Dude II 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, PLANNING, IOWA

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$38.58. In service are Oakland's Prospect, Chief Enter-boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON,

DEFIANCE, IOWA.

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unreluct. Write for breeding, description and prices.

BRIDGEMAN & NISHTT,

R. R. No. 3, ALEDO, ILLINOIS.

POLAND CHINA HOGS.

WILLOWDALE POLAND CHINAS. MODERATE prices for the best blood of the breed. Herd headed by Master Sunshine 72227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S., best sow outside of Perfection family. M. S. is assisted by Eldorado 106425, a 70-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Medler, Corrector 2d, Spellbinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockerels, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

FOR SALE.

FIVE topy Poland China boars farrowed April 2, 1906, out of the great brood sow Beauty 2d 233774 sired by the Great Onward 102447; other good pigs by the same sire, all at farmers' prices. Write or call on OSBORNE, BROS., OSBORNE, IOWA.

HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

BOARS HARD TO BEAT

25 SPRING boars and 10 large fall yearlings by a son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.

BERT FRY, Plainfield, Bremer Co., Iowa

POLAND CHINAS

Over 100 Head.

AUGUST POST, Moulton, Iowa

GROWTHY POLAND CHINA BOARS AND GILTS

OUT of mature parents. Best breeding, good bone. Write for breeding and show winnings.

IDEAL STOCK FARM.

W. C. WENDT & SONS, R. 2, Donnellson, Iowa

POLAND CHINA HERD BOAR

FOR SALE—A. L. Keep On 102633, a son of Perfect Keep On, has good length, fine head, is in good condition. Also some good spring boars of March and April farrow out of old dams. A few yearling Aberdeen Angus bulls from matured dams. P. T. Wells, Bristol, Iowa.

...PRAIRIE VIEW HERD POLAND CHINAS...

25 BOARS and gilts for the trade. Sired by S. B's Choice (106345). Gilts bred or open as desired. A few yearling sows and herd boar. Satisfaction guaranteed. Long distance 'phone.

J. D. Vorhees, R. R. 5, Charles City, Iowa

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Ueudeth Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall. Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address,

Jno. Schneider, Remsen, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinsville, Illinois.

Onward by Keep On for Sale.

WAS in 2d Poland China litter at Des Moines, 1904, is a big heavy boned fellow, breeds that way. Will sell all or half and guarantee him in every way. Write at once to,

A. C. LANHAM, BATTLE CREEK, IOWA.

PAPILLION HERD POLAND CHINAS.

WILL offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 28439. Write for price and catalog.

Wm. Uhe & Sons, R. 1, South Omaha, Neb.

POLAND CHINA BOARS (BLACK).

8 FALL boars, 2 yearling boars, 50 spring boars, 8 sired by Klever's Gay Lad.

J. W. Knowles & Son, - - - Craig, Neb.

POLANDS. Mch. and Apr. farrow, get of prize winners, splendid individuals, breeding unsurpassed, big litter strain, kind swine breeders should have. For prices write. S. P. Hartman, Ottumwa, Iowa.

POLAND China Boar Pigs, March and April farrow sired by Black Perfection, dams by Sallor Sunshine. Heavy boned growthy fellows. Price \$15 to \$20. Write your wants. Henry Schlatter & Sons, Lawler, Iowa.

15 GOOD Poland China spring boars for sale at once. Prices \$15 to \$20. Correspondence solicited. Wm. Barr, Kirkman, Iowa.

GALLOWAY CATTLE.

Pure Bred Galloway Cattle.

FOR SALE, 8 Bulls, 60 Cows and Heifers, at prices that will make them move. Write to

S. D. Miller, Wellman, Ia.

STOCK HOGS.

Stock Hogs For Sale.

ALSO Registered Lincoln Sheep. 100 hogs, 20 ewes and 10 Rams. Address

B. F. CLARK, ALBION, IOWA.

POLAND CHINA HOGS.

30 POLAND CHINA BOARS 30

MARCH and April farrow, sired by R's Keep On 92219, half brother to Prince Alert and Impudence, sweepstakes Iowa State Fair '01 and '05, and Iowa Chief by Ed Klever's Thicket. The next Thicket boar in the west. These pigs are from mature dams. Big, stretchy fellows. If you want size and quality combined, write or call on us. We can fill the bill. Also three Short-Horn Bulls, 12 to 14 months old, cheap. Bred Sow Sale, Feb. 12, '07.

RUEBEL BROS., ROCKWELL CITY, IA.

CHOICE

POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Haumer bred ram, Haumer 192071 for sale.

W. G. Griffith, McNabb, Ill.

POLAND CHINA BOARS

A Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. Davenport, Belmond, Iowa

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by On Exhibition, a grand son of G's Perfection and Terrell's Wilkes 2d and out of matured sows. These pigs have good heavy bone, good length and are very growthy fellows with lots of quality and will be priced worth the money. Write at once. Address

C. W. PHILLIPS, NEW SHARON, IA.
Bred Sow Sale, Feb. 20th.

TOPS.

Pioneer Herd Poland China Swine.

W. Z. Swallow, Booneville, Ia., Proprietor. I have 100 March and April pigs sired by Perfect Keep On and Prince Alert 2d. Herd heading boars as well as boars and sows for the farmer trade. Mention The Iowa Homestead.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

CLOVER LAWN POLANDS.

IF you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome.

JOHN R. TRIGGS, DAWSON, NEB.

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low.

E. O. WOLCOTT, GILMORE CITY, IA.

100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Wisner Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. PRITCHARD, WISNER, NEB.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the Great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are A1 boars.

J. C. Hoag, Manson Ia.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shmrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

LONG, heavy-boned fall boars by Tec. Keep On by Big Tec. by Blain's Tec. and Indiana King. They weigh from 280 to 380 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dorris Tec. and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. Henry Dorris, Remsen, Plymouth county, Iowa.

Sandquist Bros.,

OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

My herd of Poland Chinas are of the pig type. My herd boar, Major Blain by Blain's Tec. is a 900 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Do Do, and Blain's Tec. Everything guaranteed a breeder.

Robt. J. Peckham, Pawnee City, Neb.

GROWTHY POLAND CHINA BOARS

OUT of mature parents; best breeding; good bone \$20 and \$25. Two year herd boar \$40. Short-horn and Polled Durham. Cows, heifers and bulls at low prices. Special price on car lot. 2 miles N. E. of city P. S. & N. Barr, Bx H, R. R. 4, Davenport, Ia.

POLAND CHINA BOARS FOR SALE.

I HAVE several large, early, heavy boned boars of very best blood lines which I will sell very cheap to quick buyers. I will stand return express and refund price paid if pig is not as described.

C. H. DRAKE, Stockport, Iowa

LARGE POLAND CHINA BOARS.

THE get of All Duke 106413, the 800 lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's ring) 1st in class and champion at Minn. State fair 1905, and other state and county fairs. Some 35 April boars for sale by him. Wm. Pedrick & Son, Ottumwa, Ia.

PUBLIC SALE

DOUBLE STANDARD POLLED DURHAM & SHORT-HORN CATTLE
...AND POLAND CHINA HOGS TO BE SOLD AT PUBLIC SALE...

THURSDAY, NOV. 15TH

Sale to take place at Walnut Row Stock Farm, six miles east of Avon, Ill., eight miles southwest of London Mills, Ill. Sale will be held under cover. Hog sale to begin at 10:30 o'clock, cattle at 1 o'clock.

CATTLE

11 cows well along in calf and 7 cows with calf at foot, one of these cows has twin heifers; most of these cows are bred again. 2 two-year-old heifers, 9 yearlings, all bred. Bell Boy my herd bull sired by Golden Hero, the champion Polled Durham bull at the World's Fair, St. Louis; 4 yearling Polled Durham bulls, 2 yearling Short-horn bulls, 3 spring Polled Durham bull calves, 3 spring Polled Durham heifer calves, 2 spring Short-horn heifers. These cattle are all recorded but this year's crop of calves and they are all eligible for record.

HOGS

40 Poland China hogs, 8 yearling sows, recorded; 16 spring gilts, 16 spring boars and 1 yearling boar. All females open.

LAND SALE

I will also offer my farms for sale if not sold before. 120 acres in a high state of cultivation, three barns, two double corn cribs with driveways, granary that will hold 3,000 bushels of grain, stock sheds, and Fairbanks scales, concrete floor 16x24 for feeding hogs, water piped to all the yards and in the barns from large storage tank, also concrete hydrant boxes. 100 acres one-fourth of a mile east of the 120 acres; this 100 acres is fenced in 5 twenty acre fields, three of these fields are in blue grass with running water that never freezes or goes dry. 40 acres in corn this year; 220 acres is an ideal stock and grain farm. Terms made known on day of sale. For catalogs address,

J. C. GLASER, - AVON, ILL.

Cols. F. M. Woods and John Hartough, Auctioneers.
Messrs. F. A. Murray and Fred Harford sell Polled Durhams at Mazon, Ill., Nov. 14th.
Mention Homestead When Writing.

DUROC JERSEY HOGS.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB, MONROE, NEB.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 toppy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. My April boars will weigh 170 lbs. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

HARMON GRUVER, Brewster, Minn.

Special Prices on Duroc Jersey Boars for Next 30 Days

18 Choice spring boars, sired by Lents Red 16903, Addy's Top Notcher, and Gold Bud 45791 for sale. I am making special prices for next 30 days in order to close out my herd. Having sold my farm. These pigs must be sold. Write me at once. Address, J. F. LENTZ, EARLIHAM, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

CHOICE DUROC JERSEY Spring pigs of March either sex. Good weight, bone and color. Frank Warway, Mt. Pleasant, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeaton, Iowa.

SETTING SUN herd of Duroc Jerseys. 20 head of Feb. and March boars at prices that will sell them. Address, I. C. Welch, Bedford, Iowa.

MIDLAND Durocs. 60 pigs for the trade, Apr. and May farrow. Extra good in feet, back, bone. Low prices. S. J. Butts, Mason City, Iowa.

KEAN'S Growthy Durocs—All ages. The best of breeding, extra large bone. Also one yearling and aged male. Frank Kean, Mt. Pleasant, Iowa.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fattened, prolific, pedigreed, 5 strains. J. C. Jay, Mt. Pleasant, Iowa.

HAMPSHIRE HOGS.

HAMPSHIRE HOGS

30 SPRING BOARS by Stone's Duke. 1st prize boar Illinois State Fair 1906. I am breeding for early maturity, prolific families, quiet dispositions, purity of color and muscular action. 30 bred gilts ready Dec. 1st. Write for prices and descriptions.

Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

When writing to advertisers please mention this paper.

DUROC JERSEY HOGS.

E. F. ETTER, UTICA, NEBRASKA.
BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Chief, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Prolific Herd of Duroc Jerseys

I AM offering some very promising pigs and female pigs sired by Billy K., Medoc, Forty Kings Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, O. Van Patten, Sutton, Nebraska.

The Logan Valley Herd of Duroc Jerseys. DANIELSON 12163 at head of herd. Have about 50 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, Lyons, Neb.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd tender type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Brynn, R. R. 1., Neponset, Ill.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S. Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - - KENNARD, NEB.

TOPPY YEARLING BOARS.

BOARS by Orion, Proud Advance, Young John. B. Spring boars by Young Advance, Proud Lad, Ohio Chief. I am a Wouder and others, for sale by J. W. PITTMAN, Lohrville, Iowa.

80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA
THESE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

FANCY DUROC JERSEY SWINE OF BOTH SEXES FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker and other leading strains.

C. W. WOLF, HAMPTON, IOWA.

I HAVE THE TOPPIEST OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Any a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

GLOVER HERD DUROCS CHOICE BOAR PIGS. Prize winning strains. Bloodlines, Improver II, Advance, Tip Top Notcher, Model Chief, etc. Prices low. Strong guarantee. Write, describing what you want or come and see. Geo. H. Purdy, Mason City, Iowa.

SEPTEMBER DUROC JERSEY BOARS

A \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

ASA TURNER'S DUROC JERSEYS.

I AM offering fifteen or twenty extra good young boars by King Perfection and Advancer Lad. They are out of some of G. A. Munson's prize-winning sows. Address,

ASA TURNER, FARRAR, IOWA.

35 DUROC JERSEY BOARS

Sired by my \$300 boar Glendale Jim 33291. 2d prize boar at the Iowa State Fair. Prices reasonable.

J. S. GOLDER, SCRIBNER, NEB.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money.

F. A. HAM, SARONVILLE, NEB.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address,

W. A. RANKIN, CARSON, IA.

Greene County Herd Duroc Jerseys.

OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 pig boar pigs ready to sell. Write mentioning this paper.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

GRAND VIEW DUROC JERSEYS.

BOARS by Crimmon Wonder Jr. 41103 and Chief I Am. Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.

F. M. HUFF, R. 2, AFTON, IOWA.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

Boars! Boars! Boars! Duroc Jerseys, \$25. Address, Roycroft Stock Farms, Des Moines, Iowa.

IF you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC JERSEY HOGS.

Reduction Prices On Best Breeding.

350 Durocs, 150 Shropshires, 100

Short-horns, and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind

A Few Choice Duroc Males For Sale.

All gifts are reserved for my February sale, but I have a few choice males that I will price reasonable. One by Keep On 2d; another by Mantley Orion. Also one extra good full yearling boar. Every hog guaranteed to be as represented.

W. J. MARTUNG, MAXWELL, IOWA.

PIONEER HERD DUROCS.

We have several good Boars sired by Royal Top Notcher 23638, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

GOLDEN HERD DUROC JERSEYS

We are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Good Bros., (Swine Specialists), Lake Park, In.

State Road Herd Duroc Jerseys

NEW choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

I. J. LORTON, Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address ALBERT BELL, LAKE CITY, IOWA.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Waukegan, Iowa.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHEL & SON, MACON, ILL.

EDGEWOOD HERD DUROCS.

FOR sale, 75 good spring pigs, by Orion, Junior Jim, Walter G. and others, out of sows by Golden Perfection, Alix Advance, carrying the blood of Proud Advance, Ben Hur H. and others. Edgewood Chief, an Orion hog by Orion, heads herd. What do you want? Write H. C. Poston, Corydon, Iowa.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

Minnesota's Sweepstakes Duroc Jerseys. WON 1st and sweepstakes boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimson Wonder I Am blood. Good boars for sale. Wm. Matcolum, Bigelow, Minn.

Prairieview Herd of Duroc Jerseys. SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell bred Duroc gilts for one-half last winter's public sale prices. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

AVERDALE HERDS AND FLOCKS

SHORT-HORNS, DUROCS, SHROPSHIRE,

BULLS, boars and bucks for sale. Good ones and priced right. Our Marr Missie herd bull Meteor 174278 for sale or exchange.

A. M. Avery & Sons, Mason City, Iowa

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, Duke of Ohio 29529, George Hur 40851 and Alfonso 40849. Write for prices. Address, M. M. ELMENDORF, LACONA, IOWA.

40 Duroc Jersey Boars 40

CURED by I Am Pottawattamie, a grandson of the great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance. Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.

Edmunds, Shinde & Co., Kingsley, In.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., I Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantline, Quimby, Iowa.

When writing please mention this paper.

SHORT-HORN



I CATTLE I

ON WEDNESDAY, NOV. 14TH

59 Head of Short-horn Cattle 59

Will be offered for sale by J. & I. J. Godden, Fairlawn Farm, Bradgate, Ia. At our fourth sale we will sell 48 cows, heifers and calves—11 bulls.

THE females are of the good reliable kind, Duchess of Gloster Orange Blossom, Duchess 10, Sanspareils and good American families. It will consist mostly of young cows two, three and four years old. All shy and doubtful breeders have been sent to market and we are keeping the old cattle on the farm. It is an offering of well bred and good individuals. The cows are bred to Prince Malcolm 201060 by Malcolm 171375, bred by C. E. Gerlaugh. Ohio Malcolm is out of Imp. Missie May of the celebrated Missie Family. There will be eleven cows with calf at foot. The bulls are a smooth, even lot with color, breeding and quality from nine to eighteen months old from good milking cattle. Your presence is kindly invited if you wish to buy or not. Lunch at noon. Parties from a distance will stay at the hotel as our guests. A postal card will bring you a catalog. Send for and arrange to be with us. Bradgate is on the Eagle Grove and Hawarden branch of the C. & N. W. Railway. Bids can be sent to the auctioneer and will be well protected.

J. & I. J. GODDEN, BRADGATE, IA.

A. P. Mason, Auctioneer—R. J. Johnson, Clerk.

DUROC JERSEY HOGS.

CLOVER-WAVE DUROC JERSEYS.

CURES in service, Iced Orion 28793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 42165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 66492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from us good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH.

HAMBURG, IOWA.

ROSEMARY DUROCS.

GOLD 11-inch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address, C. T. ROGERS, PETERSBURG, ILL.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 11. Boars are sired by Double Track 42517, Sensation 7393, Big King 11057, Fashion Boy 33029, Advancer Col. 42011, Roland 37255 and Red Express 39519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address, JOHN WEIGHTON, Audubon Iowa.

The "Nancy Herd" Durocs

Boar sale November 8. Pigs by Orion, Junior Jim, Critic's Echo, Sow sale February 25. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS, - GLIDDEN, IOWA.

WANETA DUROCS.

33 Choice Boars now for sale, both fall yearlings and spring boars. The "tops" at moderate prices.

B. A. SHAFER, SANBORN, IOWA.

DUROC JERSEY HOGS.

Walker's Durocs.

12 HEAD of March Boars. Now ready for sale. Tops of 78 spring boar pigs. They are sired by Our Chief by Ohio Chief; Highland Chief by High Chief by Ohio Chief; Pilot Wonder 42707, a grand son of Pilot Wonder 9017; Illinois Chief by Sensation Chief by Sensation. No better blood lines in any herd. Pigs equally as good as breeding. Write for prices.

O. WALKER & SON, PALESTINE, ILL.

SHELDON BROS., A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Mantley Orion 3709.

2d prize boar in 18 months class Iowa Fair, 1906. Mantley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tienten, that are full brothers to Roberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

DUROC BOARS.

DO you want a big, heavy-boned, wide-backed pig with plenty of length and quality, sired by a son of Proud Advance, a son of Orion and by Adjuster 25251. Will give accurate description, exact measurements and weight. My pigs are very large for age and have been grown for service, not fattened on corn.

ROY E. WEST,
Route 1, Box 6, Churdan, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. W. M. SUTTER, Liberty, Neb.

A THELRED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," L. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO., LYONS, NEB.

A Few Good Duroc Jersey Boars For Sale

MUNSON'S Perfection, a son of the sweepstakes boar, King Perfection, and Orion's Model, a grandson of Old Orion. Also a few young boars. Write me at once. Address, J. E. WEHR, PORTSMOUTH, IOWA.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 41051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

WELCH'S POPULAR PRICED DUROC JERSEYS I HAVE 90 choice spring pigs sired by I grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, In.

PEEK & PUTMAN'S DUROCS, TECUMSEH, NEBRASKA.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

SPRING boars sired by fancy Crimson Wonder. S. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

CHOICELY-BRED Duroc Jersey pigs, sired by Bill H. 45813. The long, deep-bodied, growthy kind. Write me. E. W. Richardson, Ogden, Iowa.

DISPERSION SALE OF THE CLOVERLAND HERD

OF

Aberdeen

ANGUS CATTLE

WEDNESDAY, NOVEMBER 14, 1906.

On November 14th, in order to dissolve the partnership existing between Baker & Smith, the entire herd of Cloverland doddies will be sold at auction. The most remarkable offering of Aberdeen Angus Cattle ever placed before American breeders. Forty-eight head of first-class, highly-bred doddies of the market-topping sort. Thirty-five head of the world's most famous family, the BLACKBIRDS. No such an aggregation of the famous Blackbird family has ever yet been offered on either side the water. The two Blackbird herd bulls, Black Keillor 3d 41587 and Blackbird Man 72244.

Nine bulls are included in the sale, the remainder all being females. Show yard material as well as great foundation stock will here be found in abundance. Auctioneers, Cols. Silas Igo and Geo. P. Bellows, with assistants. Mt. Vernon, the place at which the sale will be held, is thirteen miles east of Cedar Rapids on the main line of the C. & N. W. Ry. Attention is called to the choice offering of Angus cattle by Wm. Cash and others at Holbrook, Iowa, on November 13th. Parties can attend both sales.

For Catalogs, address

MATT BAKER,

MT. VERNON, IA.

PLEASE MENTION HOMESTEAD WHEN WRITING

DUROC JERSEY HOGS.

ROYAL RUBY

HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.

GUS A. PEDERSON, OCHEYEDAN, IOWA.

Buddy K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,

PAWNEE, ILLINOIS

Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Livingston, Kingsley, Ia.

BOARS! BOARS! BOARS!

Will offer special prices on extra good Duroc pigs if taken at once. Pigs by ten leading sires including Ohio Chief, Higgin's Model, Morrison's Bell Top and others. Write me at once. Boar sale Nov. 10th. Frank Alldritt, Friend, Neb.

40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Altx, little brother to the sweetstakes sow Altx II. Good ones. AUSTIN RENSIAW, Blair, Neb.

Two Good Duroc Fall Males

1ST and 2nd prize boars for sale. Correct. I know Jr 11629 at head of herd. S. L. Wyandotte and R. C. B. cockerels \$1 each. Inter-State phone, F. Ebendorf, Strawberry Point, Ia.

CYCLONE HERD OF DUROC JERSEYS

YOUNG hogs, both sexes, for sale. Good color, heavy bone and good length. Strong and vigorous, from prolific families. Prices reasonable. F. M. JENKINS, Pomeroy, Iowa.

CARL HANSEN, HERMAN, NEB.

Has a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd in full expansion at a reasonable price. No swine for sale now. Fall sale Oct. 30, 1906, spring sale Feb. 13, 1907. J. B. Davis & Son, Fairview, Kan.

The Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

DUROC JERSEY HOGS.

FORTY SPRING BOARS

sired by ORION CHIEF and KRUGER and out of dams by KAN'T BE BEAT, ORION CHIEF, CHIEF SURPRISE, COL. FINCH and other noted sires.

\$50 Buys boar related to Iowa and Illinois State Fair winner bred as above **\$50**

If you want an extra good spring boar, write

IRA JACKSON, TIPPECANOE CITY, OHIO.

Mention Homestead when writing.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN

LAKE CITY IOWA.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indian state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientsin 17261. Imp. Wonder 43561, A. L. Advance 43331, Odebolt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address,

P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 83-3, RADCLIFFE, IA.

CRIMSON WONDER I AM 34697

Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address,

U. G. DAVIDSON, MANSON, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On It, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

GRANT WHITE,

AFTON, IOWA.

DUROC JERSEY HOGS.

Thos. Bennett,

Rossville, Ill.

HOMES again and find 143 spring pigs, the best sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

MAPLE AND LAWNSDALE DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

40 HEAD FALL & SPRING DUROC JERSEY BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausa, Neb.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf, Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right. W. J. East & Son, Clay Center, Neb.

MAY & PORTER, REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

WALNUT GROVE DUROCS

I HAVE a few good male pigs for sale now. Prices reasonable. These pigs are sired by Belle's Model and Teddy K, and out of Ray's Choice and Higgin's Model sows. HENRY G. WARREN, INLAND, NEB.

WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Rurhard, Neb.

HEAT YOUR HOUSE

STORE, CHURCH or
SCHOOL HOUSE with

THOUSANDS IN USE
11 YEARS on the MARKET

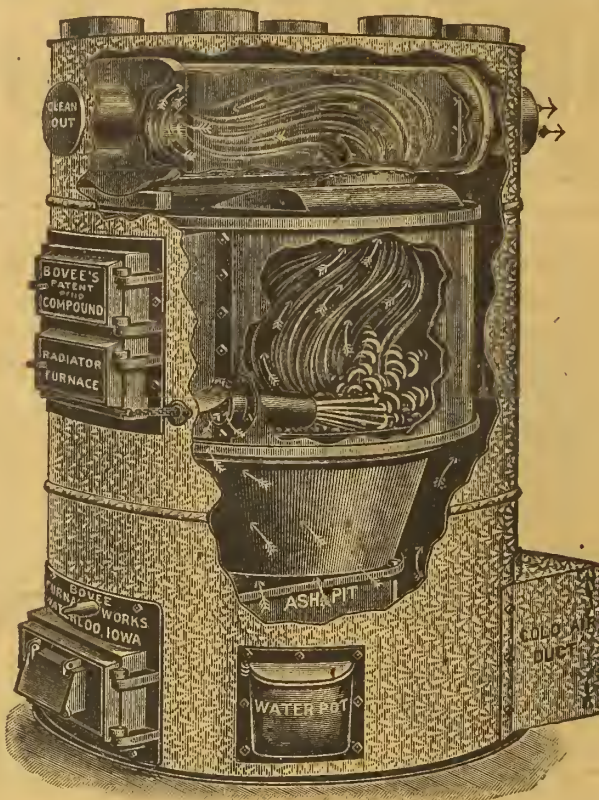
Bovee's Compound Radiator Furnace

Having Bovee's Improved

Hot Blast Ventilating System and Return Circulating Radiator

which gives perfectly pure air and Saves One-Third of the fuel. Any handy man can properly install either of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use.

BURNS ANY KIND OF FUEL.



Everything Guaranteed to be first-class.

**We Can Save You
40 Per Cent.**

on the cost of your heating plant, our prices being but little more than good stoves. Send for catalog. We have the largest and best line of furnaces in use, including our Celebrated Waterloo Furnace, complete, for **\$43**

BURNS ANY KIND OF FUEL.

MANUFACTURED AND SOLD BY THE

BOVEE GRINDER AND FURNACE WORKS,

WATERLOO, IOWA.

ALL SCOTCH Short-horn Sale

THE only sale of absolutely all Scotch Short-horn cattle to be held this fall will be the sale of S. H. Thompson's Sons and W. M. Smith at West Liberty, Ia., Nov. 14th. S. H. Thompson's Sons sell 27 head; W. M. Smith & Sons, 18 head, the Smith contingent being a dispersion, all of the Scotch Rosemary family. Thompson sells 17 females, all but three with calves at foot, or are bred, ranging from one to five years of age—all but one bred by themselves. Ten Scotch bulls are listed, of the Lavender, Alexandrina, Lovely, Mysie, Princess Royal, Duchess of Gloster and Rosemarys. Wm. Smith & Sons sell their herd bull, Ringmaster, a son of Young Commodore. Fifteen of the 18 contributed by Smith & Sons are females. Some show yard material, as well as some great breeding stock is listed. Sale will be held at West Liberty in the heated pavilion.

Lot 31. Scotch Ringmaster 245069
Red; calved March 20, 1904; bred by Cookson Bros., West Branch, Iowa; owned by William M. Smith.

DAMS.	SIRE.	BREEDERS.
Banner Bates	Got by Young Commodore 203988	Cookson Bros.
Home Bates	Banner Bearer 117953	H. D. Parsons
Dates of Orange Blossom	Home Secret 103632	Cookson Bros.
Orange Blossom of Cedar 7th	Duke of Kent 2d 41796	C. W. F. S. Assn.
Orange Blossom of Cedar 2d	Or'ge Bl'm's Br'stplate 42283	A. E. Kimberly
Imp. Orange Blossom 18th	Imp. Duke of Richmond 21535	Jas. Bruce
	Viceroy (32764)	A. Cruickshank

Lot 34. Luverne.
Red; calved Dec. 25, 1904; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
Waveland Lovely	Got by Royal Pr. 7th 195826	S. H. Thompson & Sons
Lovely Lassie of Maine Valley	Prince Nonpareil 131222	J. R. Crawford & Son
Lovely Lassie	Golden Crown 98258	J. I. Davidson
Imp. Lovely 25th	Imp. Favorite 56041	Wm. Magill
	General Windsor (28701)	T. Willis

Lot 2. Rosewood's Mysie.
Red; calved May 10, 1903; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
2d Mysie of Pleasant View	Got by Royal Rosewood 173629	S. H. Thompson & Sons
Mysie Venus 2d	Secret Emperor 77768	D. Cookson & Sons
Mysie Venus	Imp. Leyburn 60248	A. Cruickshank
Mysie 39th	Village Boy 25099	J. I. Davidson
Imp. Mysie 36th	Crown Pr. of Athelstane 2d 16585	D. Christie
	Scotland's Pride (25100)	A. Cruickshank

Lot 1. 9th Pleasant View Mysie.
Red; calved April 6, 1902; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
6th Mysie of Pleasant View	Got by Challenge 173627	S. H. Thompson & Sons
2d Mysie of Pleasant View	Victor Mysie 2d 121471	S. H. Thompson & Sons
Mysie Venus 2d	Secret Emperor 77768	D. Cookson & Sons
Mysie Venus	Imp. Leyburn 60248	A. Cruickshank
Mysie 39th	Village Boy 25099	J. I. Davidson
Imp. Mysie 36th	Crown Pr. of Athelstane 2d 16585	D. Christie
	Scotland's Pride (25100)	A. Cruickshank

Lot 43. King's Victor.
Red; calved Nov. 23, 1905; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
7th Pleasant View Victoria	Got by The Fearless King 222396	John Lister
4th Pleasant View Victoria	Victor Rosemary 127578	H. F. Brown
2d Pleasant View Victoria	Victor Mysie 2d 121471	S. H. Thompson & Sons
Pleasant View Victoria	Lord Mysie 104121	S. H. Thompson & Sons
Victoria Veech 4th	Blue Valley Duke 3d 96402	W. P. Higibotham
Victoria Veech	Imp. Earl Marshal 92167	W. Duthie
Imp. Victoria 73d	Imp. Favorite 56041	W. Duthie
Victoria 8th	Roan Gauntlet (35284)	A. Cruickshank
Victoria 43d	Pride of the Isles (35072)	A. Cruickshank
	Champion of England (17526)	A. Cruickshank

Lot 7. Waveland Lovely.
Red; calved March 31, 1899; bred by Chandler Jordan; owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
Lovely Lassie of Maine Valley	Got by Prince Nonpareil 131222	J. R. Crawford & Son
Lovely Lassie	Golden Crown 98258	J. I. Davidson
Imp. Lovely 25th	Imp. Favorite 56041	Wm. Magill
	General Windsor (28701)	T. Willis

Lot 8. Lady Lavender 3d.
Red; calved Oct. 20, 1903; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
Lady Lavender	Got by Royal Rosewood 173629	S. H. Thompson & Sons
Lavender Maid	Lord Lancaster 8th 116299	I. Barr & Son
Imp. Lavender 52d	Double Gloster 85526	Wm. Magill
	Gondolier 31287	A. Cruickshank

Lot 41. Grand Gloster.
Red; calved April 18, 1905; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
Duchess of Gloster 32d	Got by Royal Pr. 7th 195826	S. H. Thompson & Sons
Duchess of Gloster 21st	Gowrie 108127	Col. Harris
Canadian Duke of Gloster 14th	Imp. Norman Knight 89217	A. Cruickshank
Canadian Duke of Gloster 4th	Duke of Albany 73809	A. Cruickshank
17th Duchess of Gloster	Sir Arthur 31135	Estate of S. Campbell
Imp. 12th Duchess of Gloster	Red Duke 24525	John Miller
	Champion of England (17526)	A. Cruickshank

Lot 11. 27th Pleasant View Alexandrina.
Red; calved Dec. 31, 1904; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
6th Pleasant View Alexandrina	Got by Royal Pr. 7th 195826	S. H. Thompson & Sons
Alexandrina A.	Victor Mysie 2d 121471	S. H. Thompson & Sons
Alexandrina of Cedar 7th	Red Emperor 100347	S. H. Thompson
Alexandrina 7th	Gen. Garfield 41958	A. E. Kimberly
Imp. Alexandrina 6th	Breastplate 11431	M. H. Cochrane
	Gladstone (31253)	W. Wilson

Lot 13. Princess Maud.
Red; calved Nov. 1, 1904; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
Princess Royal 16th	Got by Rosewood's Av'l'nche 217571	Thompson & Sons
Princess Royal 11th	Victor Raphael 162935	S. H. Thompson & Sons
Princess Royal 9th	Victor Mysie 2d 121471	S. H. Thompson & Sons
Princess Royal 6th	Lord Mysie 104121	S. H. Thompson
Imp. Princess Royal 6th	Royal Duke of Pleasant Ridge 36889	R. Mline
	Border Chief (37874)	W. S. Marr

Lot 14. Amelia 5th.
Red; calved April 19, 1903; bred and owned by S. H. Thompson's Sons.

DAMS.	SIRE.	BREEDERS.
Amelia	Got by Victor Raphael 162935	S. H. Thompson & Sons
Aothyl	Lord Mysie 104121	S. H. Thompson
Aurantia	Royal Duke of Pleasant Ridge 36889	V. Aldrich
Aurora 2d	Imp. Favorite 56041	Wm. Duthie
Imp. Aurora	Imp. Favorite 56041	Wm. Duthie
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COL. F. M. WOODS
AUCTIONEER.



VOL. LI. NO. 46.

DES MOINES, IOWA, NOVEMBER 15, 1906.

WHOLE NO. 2574

VALUE OF INTERURBAN RAILWAYS.

The corn belt has not been hasty in establishing interurban electric lines. However, there is not a state in this area into which this new method of transportation has not been introduced, and we predict that during the next five years there will be the largest interurban railway development in the central West that has ever taken place in this country. We base this belief on the fact that these roads wherever they are established have become exceedingly popular.

Every man in the corn belt is directly or indirectly interested in this modern railway. They are beginning to branch out from populated centers in such a way as to very materially affect the value of land in the townships through which they pass, and in the very near future it would not be surprising if no point in the corn belt were more than a very few miles from an interurban electric line.

It has been demonstrated beyond doubt that interurban railways do not injure small towns, but on the other hand the experience is that their introduction means increase in population, increase in business and certainly greater comfort to the residents of such towns. True it is that these roads change the character of the business that is transacted in towns through which they pass, but where a people instead of fighting the system adjust themselves to the new order of things it only means growth. The records up to date indicate that the interurbans not only increase the population of the towns adjacent to largely populated centers, but that the townships through which they pass are affected in the same manner.

It goes without saying that the establishment of interurbans increases the price or value of agricultural land. Land ordinarily doubles in value in five years after the establishment of an electric line. This is due to the fact that such land is more desirable for farming purposes. It means, of course, that old-fashioned methods can no longer be employed in farming land worth \$100, \$150 and \$200 per acre. Improved crops must be grown on such land, and likewise improved live stock. One can no longer keep a cow that will only make 200 pounds of butter a year or raise a steer that weighs 500 pounds at twelve months of age. It means the application of scientific principles to practical agriculture, or, on the other hand, dispose of the land and let the next man try it.

But the greatest effect of interurbans on rural communities is to increase the attractiveness of the farm. When churches, theaters, lecture halls, etc., are easily accessible to rural people life on the farm becomes to many a different proposition. Isolation because of poor roads or poor transportation facilities generally spells in too many instances monotony, which results in discontent and finally in the boys and girls leaving the farm. Those without practical experience along this line might think that the opposite would be true, namely, that the electric lines would tend to make the city more popular in the esteem of country boys and girls, but this is not true. All the advantages of the city are easily obtainable where these lines are established and yet along with this there is the independence of farm life.

Interurbans to some extent solve the help problem in rural districts. Men will much more readily leave the populated centers for rural districts on these

lines than they do over the wagon road. This has been proven beyond any question of doubt. It is as true when applied to help inside the house as it is when applied to help outside. This means an improved situation generally, because there will be fewer idlers in the city because the work and the man will be brought together.

On general principles, therefore, we have no hesitation in advising all of our readers to do everything that is reasonably possible to encourage the establishment of electric lines. We have known men to fight these lines just as if they were undesirable innovations, but it would be just as sensible to fight the introduction of the telephone, new farm machinery or anything else that is modern.

MOLASSES FOR FATTENING STEERS.

Sugar-refining companies in Texas are selling molasses at six cents per gallon. The cost of barrels and filling adds three and a half cents per gallon to this price. The cost to consumers depends somewhat on the amount of freight that is added to this valuation. At these prices the question arises as to the value of molasses for feeding purposes.

The Texas station has recently conducted experiments testing the value of black strap molasses in the feeding of steers. The conclusions arrived at by the authors of the bulletin in which the report of these steers is made are as follows:

1. In our experiments the addition of molasses to a fattening ration has always produced an increased gain.
2. Addition of molasses to a ration of cottonseed meal and hulls lowered the cost of gain.
3. When molasses was added to a balanced ration it gave larger gains and improved the appearance of the cattle, but did not lower the cost of gain.
4. There was no undesirable result from feeding yearling steers one gallon of molasses each per day, and there is good reason to believe that larger amounts might be used.

5. Molasses returned from three to thirty cents per gallon. The lower value was obtained when molasses was added to a ration already balanced, and when in the early part of the feeding period an unbalanced ration was fed the higher value was obtained.

A full report of the feeding operations involved in this experiment is made in Bulletin 86. It may be obtained upon application to the Director of Experiment Station, College Station, Texas.

MACHINE OR HAND POWER.

Mr. J. C. Bott, of Jasper county, Iowa, sends the following communication:

I have been much interested in what has been said in your columns regarding the use of the corn binder, or harvester as it is generally called. I own one of these machines, but I sometimes doubt if it pays to use one. You can get corn cut at ten cents a shock, which makes about \$1.70 or \$1.80 per acre. They sometimes get as high as \$1.75 per acre here for cutting with the binder, but supposing we figure it at \$1.25. In addition to the twine required for an acre, which amounts to twenty-five cents, this makes a total of at least \$1.60. It has still to be set up, and the average man will not set up more than forty or fifty shocks a day. At \$1.25 per day for a man this would amount to forty cents per acre. You have then the entire field to go over because the machine knocks off a good deal of corn. At the prices I have mentioned it will cost from \$1.70 to \$1.80 per acre to cut and shock it by hand, while with the binder the total cost would be at least \$2.10 per acre and you have yet the corn to pick up.

We think the cost of cutting with the binder is placed altogether too high in this instance. If a man owns a binder he will be able to cut all the way from eight to twelve acres a day, using four horses. Good wages for this outfit would not amount to more than \$4 a day. If ten acres were cut it would total up to forty cents an acre, together with the twine amounting to sixty-five cents per acre. Of course one has his investment in the binder, but allowing 10 per cent for interest and wear and tear the cost

is still a good deal lower than hand work, especially so if any considerable acreage is to be put in shock.

The most important factor has not been touched on by this subscriber. We refer to the question of labor. In many communities it is almost absolutely impossible to find men who will cut corn by hand. On a quarter section of land where the owner and one hired man perform all the labor, it would be almost impossible to find the time to cut and shock twenty or thirty acres by hand. By the use of the binder two men could easily put in shock thirty acres in one week of fine weather. Half this acreage would hold the average owner and the average hired man for one week if the fodder were put up by hand.

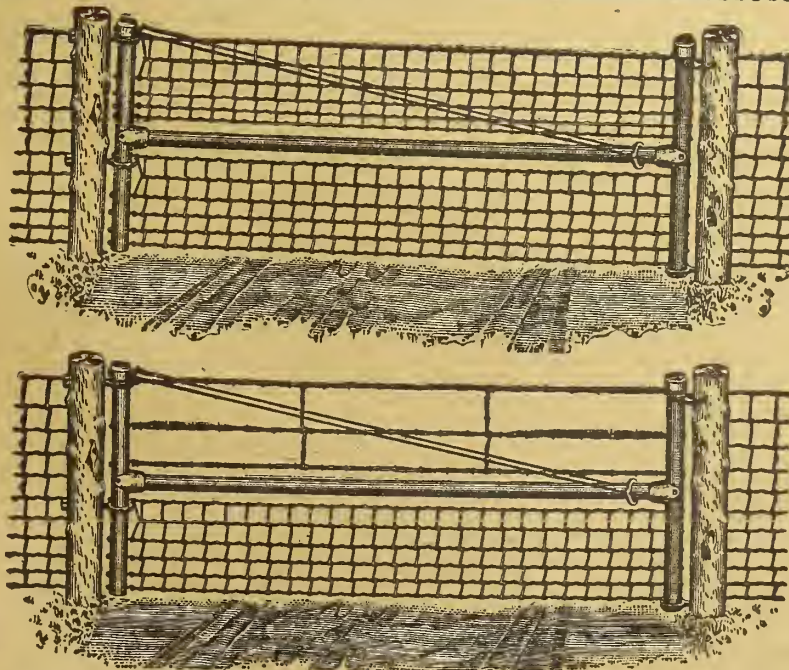
Even though the cost were the same in each instance, that is, hand cutting and machine cutting, we would still advocate the use of the machine for the reasons mentioned above, namely, that it enables you to get the work done; whereas if you depend upon hand labor weather conditions may be such as to delay matters and thereby run into the feeding period and get your fodder nipped. The man who has but a small acreage can no doubt put up his corn fodder more economically by hand, but under average conditions where as much as twenty, thirty or forty acres are put in shock the corn harvester is the thing. Of course the season for cutting fodder is past this year, but as this subscriber brings up the subject we consider the topic seasonable.

GENERAL MANAGER SKINNER RESIGNS.

Among men who have to do with the management of expositions there are few better-known individuals than Mr. W. E. Skinner, general manager of the International Live Stock Exposition of Chicago. Since the establishment of this exposition Mr. Skinner has presided over the destinies of this great show, and to a large measure the success which has come to the International is due to his ability.

Recently word comes to us to the effect that Mr. Skinner has been obliged to tender his resignation to Pres. J. A. Spoor, of the International, on account of the health of his wife and daughter. Mr. Skinner has been offered a responsible position as assistant to the president of the stock yards in Denver, and as that climate has been recommended for Mrs. Skinner, the position has been accepted.

The resignation of Mr. Skinner does not take effect until January 1st, so that the 1906 International will in no way be affected by his resignation. Already an appointment has been made in Mr. Skinner's place, and one that is in our opinion exceedingly fitting. He is succeeded in office by Mr. Bernard Heide, a gentleman who has always been closely identified with the International. Mr. Heide, or "Barney," as he is better known by stockmen, has always been a favorite among exhibitors of pure-bred stock and we feel safe in saying that the news of his appointment will come as a glad tidings to men who exhibit at the International. Mr. Skinner's splendid ability will be missed in the future, but the members of the International Live Stock Exposition are fortunate indeed to be able to find one so familiar with the work, so competent to originate new plans, and one so thoroughly able to bear all the responsibilities placed on him by the directors of this great exposition.



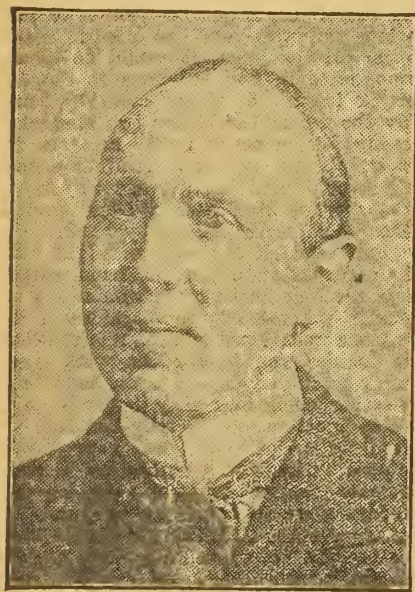
These are gates made by the Iowa Gate Company, of Cedar Falls, Iowa. There are fifty thousand of them in use and every man who has ever used an "Iowa" gate praises it profusely. They have been found to be not only strong and durable, but light and easy to handle, as they are made from a special high carbon steel tubing. One of the twelve-foot gates can be swung with several men hanging on it. It will swing either way and will raise over uneven or sloping ground. In the winter the entire gate can be raised over any snow. A gate like this gives a farm a fine appearance, in addition to its superiority over common gates. Write for catalog to the Iowa Gate Company, Ninth St., Cedar Falls, Iowa, and mention this paper when you write.

KANSAS STATE DIRECTOR.

Dr. C. W. Burkett, recently elected director of the Kansas Experiment Station, comes to Kansas from Ohio, but he has had a varied and valuable experience. He is a native of Ohio and was educated in the public schools and the state university and agricultural college of that state. After graduation he remained there for four years as instructor in agriculture, when he was called to New Hampshire as professor of agriculture and agriculturist of the Experiment Station. When he went there he found two students electing to take agriculture, no equipment and no special buildings. At the end of three years, he left a fine agricultural building in course of construction with sixty-five students choosing the agricultural course.

When Mr. Aycock was elected governor of North Carolina he declared that that State Agricultural College must make agriculture the leading feature. The trustees of the agricultural college selected Dr. Burkett to organize the work in North Carolina. He found there no special equipment and eleven students electing agriculture. At the end of five years he left nearly 200 regular students in the agricultural course and a \$140,000 agricultural building—one of the finest in the United States.

These signs of work done indicate that Dr. Burkett will be a valuable addition



DR. C. W. BURKETT.

to the force of unselfish workers at the Kansas Agricultural College, who have served the state in college and institutes. But he has done much public work which proves that he is the kind of a man needed. While in New Hampshire he did considerable work in farmers' institutes and public meetings but in North Carolina he was a missionary to farmers and to their children. He was closely associated with the state board of agriculture in organizing farmers' institutes in all parts of the state, holding district and state conventions of farmers, holding for the last three years at the college in July a big convention with a thousand farmers who came and stayed a week; a two hours' walk over the farm each morning from six to eight and the lectures from ten to twelve; from one to three and from three to five on cotton, corn, tobacco, dairying, horticulture, stock raising, etc.

In addition to this work he was associated with the state superintendent of schools for educating the children in agriculture. To this end a law was passed requiring agriculture to be taught in the rural schools and the teachers had to be trained.

District institutes and state meetings of teachers were held, enrolling more than 3,000 teachers each year where instruction was offered in the elements of agriculture. This was kept up until now agriculture is required by law to be taught in the rural schools of North Carolina, a subject that the average country teacher can teach better than she can teach grammar or physiology. Last winter the regents of the Ohio State University called Dr. Burkett back to Ohio to become the director of the short courses in agriculture, and other forms of extension work. He went to Ohio in May, 1906, and inaugurated a system of lectures on agriculture before the school teachers of the state. When the Kansas Board of Regents offered him the position here of director

of experiment stations, the offer proved so inviting that he asked the Ohio University to release him. He is now in Manhattan with his family and hard at work. He will be assigned this year to considerable institute work where the farmers may meet him and it is also hoped that more than a thousand farmers, young and old, may meet him in Manhattan this winter at the state institute, December 27th to January 5th. In addition to several bulletins on agricultural subjects, Dr. Burkett is the author of "Agriculture for Beginners," a text book, and a book on "Cotton" and a joint author with Professor Hill of a new series of school readers, a series that are full of the breath of country life.

A SHORT ROUTE FOR FARM PRODUCE CONSUMER.

This is a day of close connection between the producer and consumer. In every line of business the middleman is being eliminated. A large amount of the goods now used by the farmer is being purchased direct from the factory. This practice has made him money. So much for the changed methods of buying on the farm.

But the farmer still sells in the old way in too many instances. He still supports a large class of middlemen who year after year demand more commission. This may be justifiable in many cases, as there is much perishable goods to be handled, consequently some loss. Large stock growers are independent of the local buyer. Not so with farmers doing business on a smaller scale. A great amount of his produce he can market to a decided advantage at the doors of the city resident. Ordinarily butter, eggs and garden produce are sold at the stores. Often the market is glutted. Often you get no more for good eggs than some one else does for stale ones. It is not the fault of the merchant so much, for grades of quality for farm produce are not very well defined in country stores.

If farmers only knew how glad city and town people are to get fresh farm produce, that can be depended on to be fresh, farmer folk would realize much more for the result of their labors. We know some farms where this plan of marketing direct has been tried and discontinued. But where such has been the case, the trouble was that the farmer or his wife overdid the thing. They tried to sell everything in this way. One case we know of is that of a woman who attempted to do baking besides selling a lot of butter, eggs and fruit in season. It required too much work and sales were not nearly so sure as where a specialty was made of one or several things, which could be prepared for market with sufficient time to insure the quality of the goods always being uniform and standard.

We know of farmers who make a specialty of just one thing. Butter in neat packages from one to five pounds in weight is always salable, and once the demand for a first-class article is established, a first-class price can be secured. Another farmer we recall has a big trade in home-made hominy. He sells bushels in only a fair sized town. The marketing does not demand such regularity as, for example, dairy foods, and is rather enjoyable as well as highly remunerative. The hominy is sold in paper-board boxes similar to those which are used for oysters.

Many people are prejudiced against poultry as it is slaughtered in the large killeries. The demand for this kind of meats will soon be at its height. Those who can fatten poultry properly and put it on the market in prime condition could soon build up an immense trade. This same principle applies in other cases. Home-cured ham and bacon are not difficult to make and market. Once your farm becomes noted for such goods, the supply will always be short.

Some farmers have quit the plan of selling direct because city people, like all others, want to buy at the lowest possible price. This is only true of human nature. Name a price that is in keeping with the quality and reputation of your produce and treat all alike and there will be no trouble about price.

To establish a successful trade selling direct, and to make a reputation for your goods, the following suggestions must be put in practice. Make a specialty of one or two articles. Select those not in abundance on the local market if possible. Market produce in a neat and

original manner, different from that which is ordinarily seen at the stores. Establish a reputation and individuality for your goods. Always maintain the quality and treat all customers alike, and your goods will soon be in high demand.

MEETING AT INTERNATIONAL DECEMBER 1ST TO 8TH.

In addition to the practical demonstrations of the breeders' and feeders' art in cattle, horses, swine and sheep on exhibition in single groups and carload displays, we are to have this year meetings of breed associations where the foremost breeders and feeders of our day are to discuss their work. Papers of practical value to the agriculturist and live stock men of America, on subjects of immediate interest that now confront our people, will be read and discussed.

On Monday night, December 3d, the annual meeting of the International Exposition Association is to be held.

On Tuesday night, the following breed associations meet:

Percheron Society of America.
American Shire Horse Association.
American Cotswold Sheep Society.
American Oxford Down Association.
American Suffolk Flock Registry.
American Clydesdale Horse Association.
American Southdown Breeders' Association.

On Wednesday evening:

The American Short-horn Breeders' Association;
The American Aberdeen Angus Association;
The American Galloway Breeders' Association;

The American Berkshire Association, and
The Hampshire Down Breeders' Association, will hold their annual meetings.

On Thursday afternoon the American Red Polled Cattle Club meets, and in the evening The American Poland China Breeders' Association, and the Yorkshire Swine Association meet.

The hour, room and other particulars concerning each of these meetings will be posted on the bulletin boards of the show grounds during the week. Every one interested in live stock of any kind should make an effort to attend these meetings.

FATTENING PIGS ON CORN AND TANKAGE.

Bulletin 94 of the Nebraska Experiment Station gives a discussion of the feeding of tankage and ground bone to hogs.

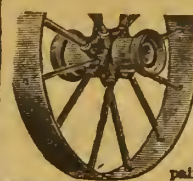
Tankage is a concentrated protein meal made from scraps of meat trimmed from beef carcasses in the packing house. When dried and ground it looks very much like dark-colored wheat shorts and is shipped in hundred pound sacks to the trade. Tankage is being quite commonly fed by progressive breeders and feeders of hogs in the state. It is specially used where breeders wish to get rapid growth on pure-bred hogs or where feeders wish to get large and quick gains, putting their hogs on the market early.

One hundred and nine pigs were used in the four experiments conducted.

In these experiments the cost has always been lessened by the use of 5 per cent tankage along with corn, or five pounds of tankage for each ninety-five pounds of corn. This would be equivalent to 280 pounds of tankage for each 100 bushels of corn fed. In Experiment III the cost of the gains was lessened sixty-eight cents per hundred by the addition of 5 per cent tankage, while in Experiment II the tankage lessened the cost of gains only sixteen cents per 100 pounds, but made corn pay out twenty cents per bushel more than where fed without tankage. In Experiment I tankage lessened the cost twenty-one cents per 100 pounds. The hogs in Experiment I were in a dry lot. In Experiment II they were on alfalfa pasture. In Experiment III they were also on pasture.

It will be noted in this bulletin that while 5 per cent tankage added to the corn proved very profitable, the feeding of 10 per cent tankage was not so profitable; in fact, in some of these experiments the gains so made cost more than where corn was fed without tankage. A notable advantage in feeding tankage is seen in the more rapid gains made by the hogs and the consequent shortening of the fattening period. In all experiments where tankage was fed, the hogs consumed more feed, made larger gains, and were not easily put off their feed, while the hogs fed upon straight shelled corn consumed less feed and were more easily thrown off feed after the first six weeks of fattening. This bulletin indicates that it is profitable to feed tankage along with corn to breeding or fattening pigs.

Experiment IV of this bulletin is a test of the breaking strength of the



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bones of the leg in pigs which had been fed upon corn alone, corn with 25 per cent shorts, corn with 10 per cent tankage, and corn with 10 per cent ground bone. The tests indicated that both the ground bone and the tankage very greatly increased the breaking strength of the bone in the animal so fed, and indicated that the feeding of either tankage or ground bone or a combination of the two to young breeding animals would tend to strengthen the bones in these animals and give them more perfect feet and legs.

HOW J. O. ARMOUR'S \$5,000 SCHOLARSHIP WILL BE AWARDED.

The board of directors of the International Live Stock Exposition, in their annual meeting, held Thursday, October 18, 1906, upon accepting the \$5,000 annual scholarship award offered by Mr. J. Ogden Armour, appointed a committee consisting of Mr. Leonard, Mr. Sanders and Mr. Ogilvie, to meet with the deans of the agricultural colleges, to arrange details concerning the distribution of these scholarship awards beginning with the 1907 exposition.

The committee issued a call to the deans for a meeting to be held Friday, November 2d, in the rooms of the Saddle and Sirolo Club, Union Stock Yards, Chicago. This meeting was attended by Professors Wilson, South Dakota; Nichols, Kansas; Kinzer, Kansas; Plumb, Ohio; Dalrymple, Louisiana; Wing, Cornell; Boss, Minnesota; Skinner, Purdue; Humphrey, Wisconsin; Mumford, Illi-



J. O. ARMOUR.

nois; Curtiss, Iowa, and Messrs. Ogilvie, Leonard and Skinner, showing a wide interest taken by the colleges in the generous scholarship fund to be presented by Mr. Armour.

In addition to those present, there were letters from the deans of fourteen other colleges, stating their inability to attend to present their views upon the subject.

The discussion, which was participated in by all, brought about the following plan of distribution, the scholarships to be divided among the colleges whose teams do the most efficient work in the students' judging contest, as follows:

For best work on—
Horses 1
Cattle 1
Sheep 1
Hogs 1
Corn 1
Grains, feed and forage exhibit..... 1

For the college whose teams do the most efficient work in all of the classes, one, thus providing for seven of the scholarships.

It was then agreed to distribute the remaining thirteen scholarships on the basis of cash prizes won by the colleges in the open classes for International Exposition money only, and the money of the exposition that is won on the grain and forage exhibit not to be counted in this item.

It was then agreed to restrict the number of scholarships, that any one school could be allotted to 40 per cent of the whole.

Farm Furrows

Turned by a Practical Farmer.

It always looks so foolish to see another fellow suffering with the tooth-ache.

It does not take as long to scoop out a load of corn as it does to husk it, but it requires more back muscle and greater endurance than it does to gather in the ears.

Why are there so many "common cattle?" Just because it requires less effort to produce the common kind. The scrub bull and the grade bull are responsible for the common kind.

The Kansas Experiment Station has been studying the practical value of a milking machine. It is to be hoped that an honest verdict will be rendered in the report of the experiment.

Did it ever occur to you that the man who sulks loses lots of time and money, to say nothing of the good times he could have? Did you ever stop to think how much misery he causes others?

Dry farming has been eminently successful this year in the dry country, which is probably due to the fact that there was plenty of rainfall there. Dry farming is all right when we have sufficient rain.

When I was a teacher in a country school I had for my motto, which was always printed on the blackboard, "Order is heaven's first law." The motto for the dairy should be "Cleanliness is the dairyman's first obligation."

Professor Burbank, who has succeeded in growing blue roses, spineless cactus, seedless apples and various other freaks of plant life, says he can't obtain one seed of horseradish and he offers \$1,000 for an ounce of seed of the horseradish.

One cannot always tell a good corn husker by the height of the "bat boards" on the off side of his wagon, but as a rule plenty of bat boards is an indication of a good husker. A wagon box should hold all the corn one can husk in a half-day.

I feel sorry for the man who would rather dig in a fourteen-foot sewer for \$1.75 per day when he can get four cents for husking clean corn, and when the same amount of labor would make for him \$2.40, to say nothing of board. Queer, isn't it?

There ought not to be different sizes of half-bushel baskets, but there are. The half-bushel basket in which peaches are packed and sold to consumers is not nearly so large as the one used in buying. If a half-bushel basket isn't, what right has it to be called such?

*The real importance of clover is not as well known by farmers as it should be. The class of farmers who understand it form a small percentage of the whole in central states. Just note how few clover fields you will pass in going about over the country. This tells the story.

That sow which had a big litter last spring and the spring before will be a good sow to retain for another year. The measurement of value of a brood sow does not always rest in size, age and quality, but these things should be considered among other good qualifications.

At one of the fairs it was my pleasure to see an ordinary farm wagon converted into an automobile. It consisted of a four-horse-power gasoline engine, belts, pulleys and other devices for carrying power to the rear wheels, and a cultivator wheel answered for a steering device.

A schoolmate of mine just back from a visit in his boyhood home in the state of New York, tells me that many farms in that state are absolutely worn out, and are often sold for only a fraction of what the buildings cost. The methods employed there have been to get all that could be obtained from the soil until the fertility has become exhausted. The average farmer there is not as enterprising as western men and many western men are coming in there, buying those worn-out farms and by the pursuance of

push they are making them productive and valuable.

During a trip recently it occurred to me that many of the country school sites were chosen in the most unattractive places possible to select. Many of them seem to have been located on land that could be used for nothing else. Some were so small as to provide no playground and some of them looked as if they would have been better fitted for graveyards.

The first farmers of a new country depend largely on virgin fertility to produce large crops. When they fail to obtain profitable crops with indifferent farming they feel that the land has become worn out and they sell out and go further west. In nearly every country fertility has been increased under the best methods of farming until now many farms are yielding better crops than when they were first brought under cultivation. A Pennsylvania farmer wrote a friend in 1778 that he "raised on virgin soil a crop of wheat, yielding seven-

teen bushels per acre." The same farm this year, 128 years later, produced thirty-four bushels of wheat to the acre. The thing that brought about this hundred-fold increase is "science," or common sense.

A farmer went to a bank recently to get his note renewed and the banker asked him if his implements were out in the weather. Upon being told they were, he was informed to go home and house his farm machinery and then come in and renew his paper. If some farmers knew their own business as well as some bankers do theirs, there would be fewer implements rusting out in the elements.

Pasturing winter wheat in the fall of the year is a dangerous practice. Experiments have been conducted in Oklahoma to ascertain the advantage or disadvantage of this practice. Occasionally there will be a year when the growth is so rank as to not be injured by judicious pasturing. Grazing in the spring usually decreases the yield and should be discouraged. In my own experience I

never thought it necessary to pasture winter wheat at any season of the year.

A friend recently told me that he had an electric light system in his residence, operated by a windmill. Upon inquiry I found that he had a windmill that provided a compressed air water system. The force is obtained by pumping air in the water boiler. By the aid of this force and a water motor, a dynamo is operated which furnishes the electric current sufficient for incandescent lights.

Quack grass is one of the most pernicious weeds the farmer has to contend with. Cultivation encourages and spreads the roots. Constantly seeding and cropping fields in the ordinary way has a tendency to increase the area each year. Starving is the method to be pursued in killing this tenacious plant. Keeping the tops down and disturbing the roots but little will do the work. Small patches may be smothered by a covering of straw. Dense growing crops like buckwheat, millet and rape, will often choke out this grass.

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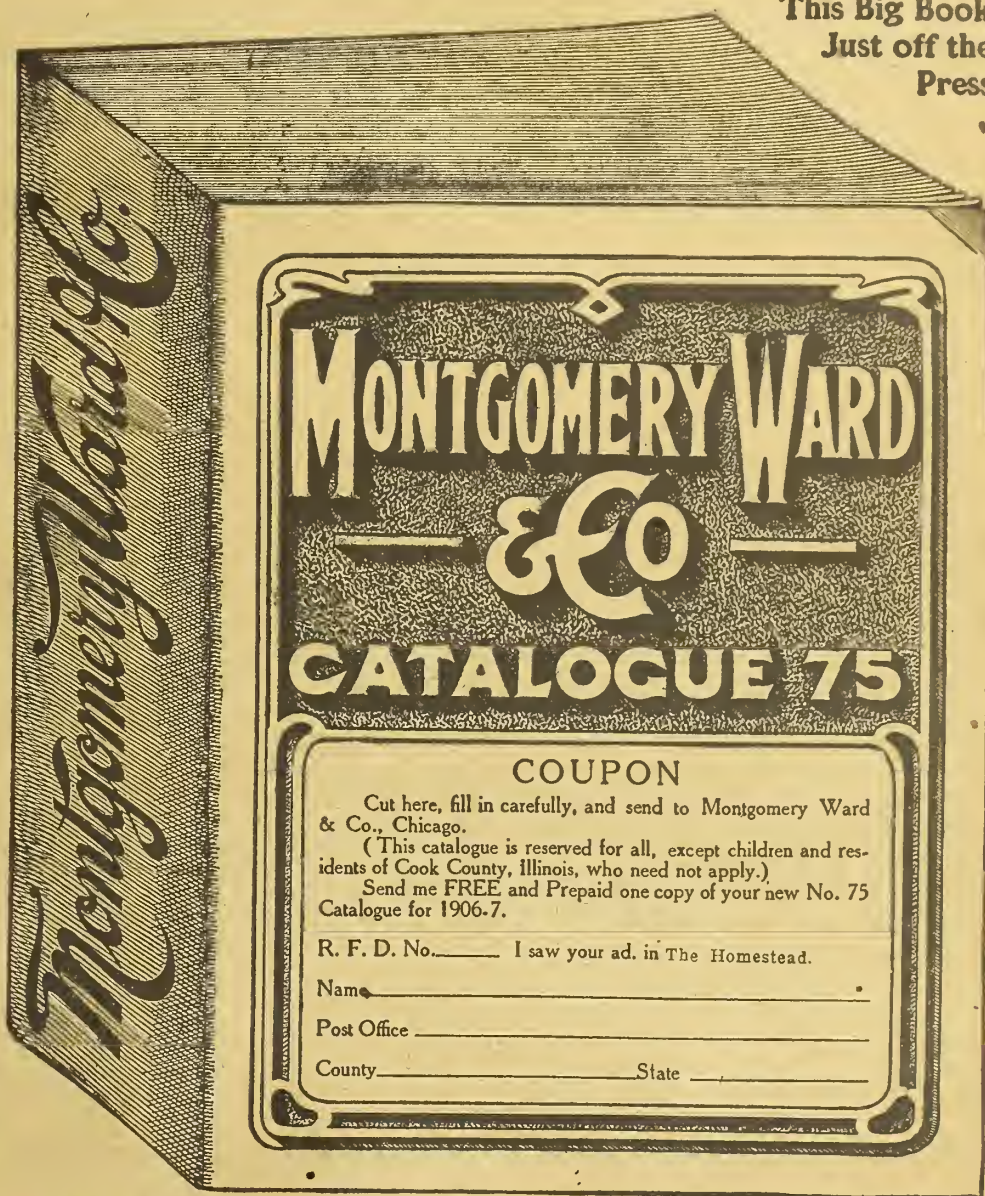
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Montgomery Ward & Co., Michigan Avenue, Madison and Washington Streets, **Chicago**

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Send me **FREE** and Prepaid one copy of your new No. 75 Catalogue for 1906-7.

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THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

SUBSCRIPTION RATES—Single subscriptions, \$1 a year; ten copies one year, \$10, and an extra copy to get up of club. In clubs of one hundred or more, 25 cents a year. Single subscription three years in advance, \$2; five years in advance \$3; ten years in advance, \$5. Remit by draft, registered letter, postoffice or express money order. In renewing subscription, use same name and initials as address on paper, or explain why you change. In changing your postoffice address, send the old address as well as the new. Errors in address or failure to receive paper within two weeks should be promptly reported to the publisher.

Address all communications and business letters to
THE HOMESTEAD COMPANY,
Des Moines, Iowa.

OUR DEPARTMENT OF CLASSIFIED ADVERTISING.

One of the most popular features of The Homestead during the past year was the department of classified advertisements. Hundreds of our readers who are not regular advertisers availed themselves of this convenient medium of offering for sale or exchange their poultry, live stock, pet animals, lands, machinery, etc., and supplying their various wants in these and other lines.

The season for this class of advertising is again at hand, and the department of classified advertisements will be resumed in our first issue in December and continued regularly thereafter.

Instead of having different rates for different classes of advertisements, we will make one uniform rate of five cents a word for all headings of classified announcements, no insertion being accepted for less than \$1.20, and cash invariably to accompany the order, as we keep no books for this class of advertising. In computing the cost of an advertisement, every number, initial letter and abbreviation counts one word. No display type or illustrations are admitted in this department.

Although five cents a word is a very reasonable rate for advertising in The Homestead alone, with its over 85,000 circulation, we have made special arrangements whereby our classified advertisements will also be published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge. The Wisconsin Farmer has a circulation of 30,000 and The Farmer and Stockman of over 50,000, making a grand total circulation of over 165,000 for the three papers. If five persons are reckoned as the average farmer's family, your advertisement therefore reaches a farm population of at least 825,000, not including the neighbors of the subscribers, who often read the papers and increase the purchasing power of their constituency.



For Heavy Loaded Party Lines
"ELLIOTT" TELEPHONES
Bona-Fide "World Beaters." 18 Years Experience. Extra Powerful High Grade. Guaranteed to Ring 25 to 40 Phones on one line, loud and clear. Space too small here to name many valuable features of "ELLIOTT" Phones. Be wise, write for elegant Catalog, now ready, ask for our Special Offer on first order from your section. You'll not regret it.
ELLIOTT TELEPHONE & ELECTRIC CO.
Indianapolis, Ind.

HOLIDAY GOODS AT WHOLESALE PRICES.

FREE!

We can save you money, why should you pay retail prices, save 50 per cent and buy from us. **OUR SPECIAL 164 PAGE XMAS CATALOGUE, SEND TODAY, JUST ISSUED.**

FREE!



\$8.75

\$1.50

\$1.07

\$1.75

\$1.95

\$1.95

\$1.97

\$2.35

\$1.98

\$2.79

FREE!

OUR HOLIDAY CATALOGUE CONTAINS THOUSANDS OF USEFUL XMAS GIFTS. SEND AT ONCE.

FREE!

The T. M. Roberts Co-operative Supply Co.

Dept. H77 Minneapolis, Minn.

These three great farm papers circulate very largely throughout the states of Wisconsin, Illinois, Iowa, Minnesota, North and South Dakota, Nebraska, Missouri and Oklahoma, the great corn, wheat and live stock region of the middle West. Five cents a word is a very low rate for reaching such a vast army of wealth-producers and spenders.

To insure insertion, these classified advertisements should be in our hands on the Saturday of the week preceding publication. For the first issue of December, in which this popular department will first appear this season, copy of your advertisement should reach us on or before Saturday, December 1st. That is only about two weeks away, hence we advise early attention to this matter, which will be very important to many of our readers.

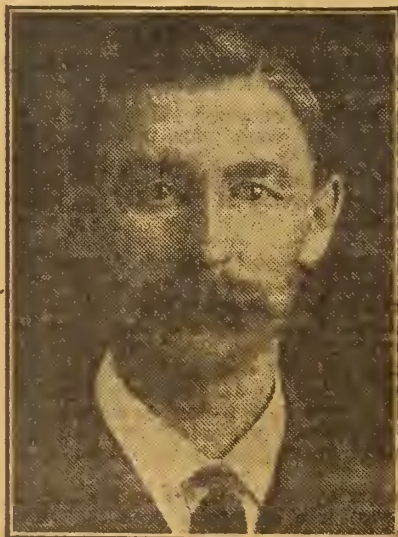
DEATH OF O. L. KERR, INDEPENDENCE, MO.

Many of our readers have been aware for some time of the fact that Mr. O. L. Kerr, of Independence, Mo., has been an exceedingly sick man. His last annual O. I. C. swine sale was held on November 2d, on which date Mr. Kerr made a highly creditable offering, though on that date he was a very sick man.

Word comes to hand now just as we go to press relating to Mr. Kerr's death. This we realize is sad news to all his friends and to the great body of O. I. C. breeders throughout the corn belt. Mr. Kerr's success this year with his herd at the American Royal show indicates that he was no common breeder, and it is singularly sad that one with such splendid ability should be cut off so early in life. His death was due to typhoid fever.

OFFICERS OF THE NATIONAL DUROC JERSEY ASSOCIATION.

Announcement was made in these columns a few weeks ago to the effect that



C. E. PRATT,
President National Duroc Breeders' Record Association.

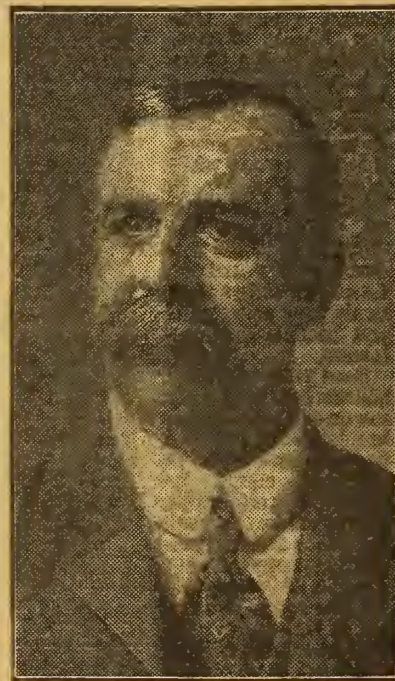
Mr. C. E. Pratt, of Frankfort, Kan., had been elected president of the National Duroc Breeders' Record Association.

GUNS, HUNTING CLOTHING, RIFLES AND SPORTING GOODS GUARANTEED

Is Like Looking Through Our Big Store. The Largest, Cheapest and Most Wonderful SPORTING GOODS HOUSE in the World. WRITE FOR IT. It's No. 932
10,000 GUNS *Schmelzer Arms Co.* KANSAS CITY MISSOURI

Since the retirement of Mr. Evans from the office of secretary the duties of the office have been faithfully discharged by his successor, Mr. H. C. Sheldon, formerly of Shannon City, Iowa.

There are thousands of Duroc breeders in the corn belt, and while many are more or less acquainted with the officers,



H. C. SHELDON,
Secretary National Duroc Jersey Record Association.

Messrs. Sheldon and Pratt, yet we have thought that our readers who have never met these men would be pleased to meet them even in this distant way, and we duce Messrs. Sheldon and Pratt to all hereby take pleasure in formally introducing our readers, and especially to those who are interested in the great Duroc Jersey hog.

Men on every hand express themselves as believing that the affairs of the National Association are in good hands and it is believed that the great growth in the popularity of this breed that has been made in the past will be equaled, if not exceeded, in the future.

The stockman cannot be too careful in the selection of dips for his stock. This is especially applicable to dips for sheep. A poor preparation will do more harm in discoloring and weakening the fibre than it will do good in other ways. The Hygeno is a dip that is being widely indorsed by stockmen. It does no injury to the animal in the least. Write to The Hygeno Disinfectant Company, 582-588 Citizens Building, Cleveland, Ohio, for prices and please mention that you saw their advertisement in this paper.

On page 5 of this week's Homestead is published a substantial statement concerning the way the Litchfield Mfg. Co., at Waterloo, Iowa, back up their machine and what they advertise it to do.

The Homestead and The Homemaker \$1.25 per year.

AKIN HUSKER

Now, husk corn in comfort. Send 25c for the Akin Husker that fits the hand snug and solid. New adjustable peg is made of cold drawn steel and mounted with a spring.

NO BLISTERED HANDS
and fingers. Relieves strain on wrist and hand. You can husk rapidly and easily. If your dealer hasn't, it send 25c right off and learn how to enjoy husking more. Sent postpaid.

25c

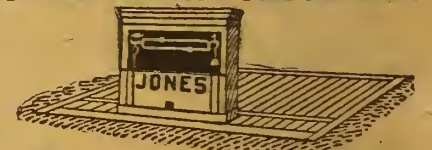
SMITH AND DAVIS
Box 2 Ames, Ia.

"SURE HATCH" Incubators

will hatch chicks for you better and cheaper than hens. We ship prepaid, and take them back at our expense, if they don't. Guaranteed 5 years—will last a lifetime. More sold and used than any other incubator. Highest quality and lowest prices. Send for our new free catalog. Tells all about it.

SURE HATCH INCUBATOR CO.
Box 16, Fremont, Neb.; or Dept. 16, Indianapolis, Ind.

JONES HE PAYS THE FREIGHT



\$40. Will get one on trial from
JONES OF BINGHAMTON
Box 378A Binghamton, N. Y.

FREE TUITION

Ten weeks to the first student to enter the Southern Minnesota Normal College from any post-office, \$1 a week to all others. Board \$1.75, room rent, 50c per week. Study Teacher's, Normal, Business, Shorthand, Law, Music, Art and Common School Branches. Enter at any time. Backward students receive special attention. Don't decide where to go to school until you see our catalog. Address,
CHAS. R. BOOSTROM, 962 College St., AUSTIN, MINN.

TYPEWRITER

FOR SALE—Several typewriters as good as new. Bargains for those who come first. Address,
Gillmore Co., 303 Locust St., Des Moines, Ia.

WANTED Men to learn Barber Trade. Few weeks completes, tools given, positions waiting, qualified instructors, steady practice, registered diploma, board provided if desired. Write nearest branch Moler Barber College, Chicago, Kansas City, Omaha.

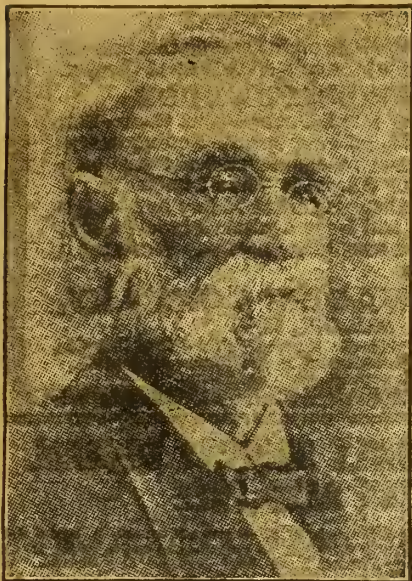
294 Hidden Name, Friendship, Silk Fringe Envelope and all other kinds of CARDS and Premium Articles. Sample Album of Finest Cards and Biggest Premium List, all for a 2 cent stamp. **OHIO CARD COMPANY, CLEVELAND, OHIO.**

\$80 a MONTH Expenses advanced. Disfranchise Managers to travel and leave samples at stores. People's Supply Co., Dept. C, 25, 61 Plymouth Pl., Chicago.

Wanted mento learn Telegraphy; write J.P. Tighe, care Santa Fe Ry., Arkansas City, Kan.

Handling a Thirty Thousand Acre Farm in Missouri.

Mr. David Rankin, of Tarkio, Mo., is without doubt the most famous farmer in the corn belt today. He is the acknowledged corn king of America, and produces annually more than one million bushels. This corn is fed to cattle and hogs and there is fed in addition not only the entire crop produced by Mr. Rankin, but also thousands of bushels



DAVID RANKIN.

purchased from neighbors. He feeds and markets train-loads of cattle every year, and has made an enviable reputation as a breeder of prime beef.

Mr. Rankin's premier place among farmers of the corn belt has been attained with his coat off, as it were, and today he can be found in the fields and feed-lot superintending in detail the affairs of his mammoth farm. Mr. Rankin's system of crop rotation, together

by no means uncommon for him to raise over a large acreage a yield of upwards of one hundred bushels per acre.

The work of making a thirty thousand acre farm profitable will appear to the average man to be a most difficult task on account of the labor question, and on this very point is shown Mr. Rankin's superior ability. He has always been a believer in labor-saving machinery and has lost no time in introducing these at the earliest possible moment. For many years his greatest difficulty was to give his large corn acreage the required number of cultivations. This problem was solved by introducing the two-row cultivator. He went into the manufacturing business and is now president of the company located at Tarkio that manufactures the Midland Two-Row corn cultivator. Hundreds of these may be seen in his fields during the season of cultivation. The same firm of which Mr. Rankin is president manufactures the two-row disk cultivator and hay stacker. Mr. Rankin claims that his men were able to do better work with these two-row cultivators and two-row listers than can ordinarily be done with a single-row machine. What he has done on a large acreage he considers entirely practicable on the average farm of the corn belt, and he has repeatedly expressed his belief that every man in the corn belt who plants as high as forty or fifty acres of corn will find the two-row corn cultivator profitable.

Profitable Farrowing Dates.

To the Editor of The Homestead:

If it is profitable to keep sows a year for one litter of pigs, it certainly can be made more profitable to raise two litters a year, and if early litters are desirable as breeding stock, they are equally desirable for the fattening pen. In order to give the fall litters a chance to do their best they should be farrowed by the first half of September, so they can attain as much size and age as possible before cold weather. If they are farrowed as soon as the

first half of September they will make quite a growth on grass and pumpkins and such cheap feeds as are found on all farms at that time of the year. I believe two pigs farrowed near the first of March and first of September are worth more than three farrowed the first of May and November, either for the feed lot or for breeding, let it be male or female. Some practice breeding young sows all the time and let them farrow about May or June and then fatten and sell. I think this practice will have a tendency to make the pigs small-boned and weak. The better plan is to keep mature and

old sows as long as they will farrow a satisfactory number of good pigs. I breed my sows in November, about the latter half or as near that time as possible. I let the pigs suck two months, then wean them and breed for the fall litter. I keep my sows as long as they prove themselves good breeders and sucklers.

I admit that a pig farrowed in May is less bother than the March pig, and if such a pig were equally desirable for breeding stock and the feed yard it would have great advantage over the pig farrowed in March, but such a pig is not so good for either purpose.

Chas. L. Hardman.

Marion county, Iowa.

A WONDERFUL OIL HEATER.

It Solves the Problem of Fall and Spring Heating and Supplements the Regular Heating Apparatus in Mid-Winter.

With the passing of the summer months comes autumn, and with it the chilly nights and mornings which force us to turn our thoughts to the problem of heating our houses, and we begin to look over our stoves and furnaces and get them in repair for the cold winter months.

To start stoves and furnaces in the early autumn brings more or less discomfort for the reason that they furnish too great heat during those portions of the day when the heat of the sun is still considerable. For such times the Perfection Oil Heater, equipped with a device which prevents all possibility of smoking, solves this hitherto perplexing problem.

There are also many times during the



WHAT WE ADVERTISE AND AGREE TO DO.

ONE OF THE cardinal principles of our company is to make no agreement we cannot fulfill nor offer a machine to the public that we cannot stand squarely behind in every detail. In producing the Litchfield Spreader, this machine has been no exception to the Litchfield established rule.

This Manure Spreader is built on honor. It is not made good by any false "friendship" for our customers, but as a matter of excellent business policy. This machine is good all through. It not only looks good, but is the same material through and through, where it cannot be seen the same as where it can be carefully inspected.

No short-sighted policy has been followed in establishing a record for this modern machine. It has not been the policy of this company to jeopardize the future sales because in so doing a larger immediate business could be secured.

It was the belief of this company a few years ago that a spreader could be made that could be guaranteed for five years. The results that are now being daily proven with this modern Litchfield Spreader, have demonstrated that such a guarantee can be made; and every customer who buys one of these machines is getting the benefit of the quality that is necessary to make a guarantee of this kind conservative.

No cheap material or cheap construction, no light-weight parts or complicated pieces are possible if the spreader is to back up the very strong statements made for it. Manufacturers have been backward in guaranteeing manure spreaders simply because there were so many complications in the way of parts and pieces, that a guarantee would naturally mean an endless amount of expense and trouble, if made on a machine of this kind. The Litchfield Spreader with half (or less than half) the pieces used on most other machines, makes this guarantee question much easier.

Simplicity of construction is not the whole thing, but if results better than the complicated machines can possibly give, are obtainable with simple construction, then it must be admitted that we have the advantage.

We are not out looking for trouble in the future, but when we have got a good thing and know it is a good thing and have proven that it is a good thing, we believe that it is right and fair that we get behind this with our guarantee.

Don't forget us next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

YOU CANT LOSE

time, eggs or patience in using Queen Incubators. We have overlooked nothing to make the Queen perfect. The best California redwood, asbestos lined double walls, extra heavy cold-rolled lock seam sheet copper tanks and perfect safety lamp make the Queen the best incubator built. Send for free catalog. Let us ship any size Queen on your own terms. If it fails in any point return it. Price low—quality high.

PINKERTON MANUFACTURING COMPANY
LINCOLN, NEB. 1027 NORTH 14TH ST.

cold winter months, while the furnace and stoves are in operation when they may not be equal to the task of warming remote rooms, hallways, etc. This is more apt to be true in the early morning before the full efficiency of the regular heating apparatus is developed. In many houses there are rooms not reached by direct heat. At such times and in such places the Perfection Oil Heater will be found a very valuable auxiliary. It will enable the household to eat its breakfast in comfort instead of shivering with the morning chill.

The Perfection Oil Heater produces a surprising amount of heat immediately after lighting and will heat an ordinary room in a remarkably short time. They are strong and well made in a design pleasing to the eye, and they are light enough to be easily carried from room to room as required.

In these days of numerous devices for illumination, there are still many who have not provided themselves with satisfactory lamps. The Rayo Lamp makes it possible for everyone to have adequate light at a small cost. The Rayo Lamp is the best lamp for all-round household use. It is made of brass and beautifully nicked, and is an ornament to any room whether in palace or cottage.

The Perfection Oil Heater and the Rayo Lamp form a combination that makes home bright and comfortable. Their absolute safety and very moderate price make them a valuable and easy acquisition to any home. Both heater and lamp are warranted.

Send Us Your Subscription Today.

Five excellent newspapers and magazines for \$1.25 a year—supplying your home with news, literature, agricultural information, market reports, entertainment and general instruction all the year round. If already a subscriber for one or all, your time will be extended for one year. All these for \$1.25:

The Chicago Weekly Inter Ocean, a grand general newspaper for the family—all the week's news, reliable market reports, a wealth of prose and poetical miscellany, departments for women and children, something for each member of the household.

The Kansas City Weekly Star, an able, fearless, independent newspaper, filled with information and entertainment, containing much that you cannot find in any other paper.

The Homestead, the greatest farm paper in the world, reaching more than double the number of paid subscribers taking any other

Raw Furs and Hides

Established 1886,



and now the largest Hide and Fur House in Iowa. Fair dealing has been our winner. Write for Price Lists and Shipping Tags.

C. L. PERCIVAL CO.,
1102 Cherry St., Des Moines, Iowa.

weekly agricultural paper in its field, having departments covering every interest of the farm; edited by actual farmers and numbering among its contributors a larger number of successful farmers, breeders and experiment station workers than any other farm paper.

The Homemaker, a delightful monthly of entertainment and instruction for the women folk of the farm; something to brighten the lives of your wife and children.

The Farm Gazette, the most beautiful farm magazine in the world; elegant illustrations, printed on fine paper; cover in five colors; reading matter both helpful and entertaining.

Send us \$1.25 today, stating whether your subscription is a new one or a renewal. Address, The Homestead Co., Des Moines, Iowa.

American Duroc Jersey Swine Breeders' Meeting.

The American Duroc Jersey Swine Breeders' Association will hold its twenty-fourth annual meeting on Thursday, December 6th, 1906, at 7 o'clock p. m., at the Windsor Clifton Hotel, Chicago, Ill. Mr. T. B. Pearson, of Thornton, Ind., secretary, is exceedingly anxious that a full attendance of breeders be present. Matters of considerable importance will come before this meeting and more intelligent action can be taken on these questions if a large attendance is present.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for 25 years.

The Homestead and The Homemaker, \$1.25 per year.

High Grade Door ONLY 80c

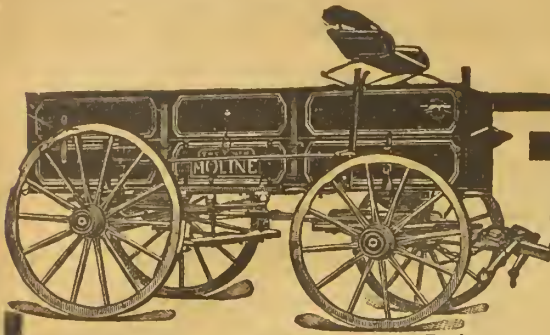
2-0 x 6-0, All White Pine. Regular Price, \$2.00

If you have any use for doors, windows, storm sash, moulding, porch brackets, columns and millwork, for your own buildings, or as contractor, don't buy elsewhere at any price or under any circumstances until you get the Grand Millwork Catalog which makes a clean saving of 60% on any dealer's price. It makes no difference where you live. If you intend to build, or if you need millwork for any purpose, do not think of buying until you get our estimate. Our goods are high grade as well as wonderfully low in price. Our lumber is first air-dried and then, as an extra precaution, is put through a scientific drying process. Joints are made with heavy hardwood dowel pins, glued with imported glue, pressed together by heavy steam power press. There is no "come apart" to our work.

Door panels have a heavy raise on both sides. The panels are sandpapered on a special machine of our own invention before the door is put together, and the entire is then smoothed with fine-grained sandpaper. We guarantee our goods to be strictly up to the official grade adopted by the Sash, Door & Blind Manufacturers' Association of the Northwest.

We operate the largest mill in the world—163,000 feet of floor space (four acres)—have been in business since 1855—own our timber lands, sawmills and lumber yards. We carry a large stock and can therefore ship promptly. We have no traveling men—sell only for cash. We are the only large manufacturers of sash, doors and blinds selling direct to the consumer. Our prices will astonish you. Don't buy anything in our line until you get our catalog, the grandest woodwork catalog published. It's Free—write for it today. Address

CORDON VAN TINE & CO.
Station 51 Davenport, Iowa



This is The Moline THE IRONCLAD WAGON!

Built since 1854 in the largest exclusive Farm Wagon factory in the world, by machinery that does the work with such wonderful precision that each part fits the other with unfailing exactness. This enables us to produce the

Lightest Running Wagon Under Heavy Loads

The Moline has for its foundation the best woodstock that grows—all Hardwood. Selected Hickory for axles, doubletrees and singletrees, and white oak for the rest of the gearing and wheels. Yellow pine boards that are tongued and grooved for

the bottom of box; and we put in the sides the best lumber material obtainable. Now on top of all this we have reinforced every conceivable place on the wagon which is liable to wear with iron and steel protections, not of flimsy size, but with heavy plates.

which are so in evidence on the wagon throughout that The Moline has been called The Ironclad Wagon.

THE WONDERFUL BOOK

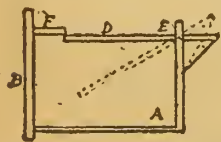
Pole—Reach—Hind Gear—Front Gear—Box inside and outside, all have special ironing everywhere. Our master mechanic has written a book, "How the Moline Wagon is Made Ironclad." It is FREE. Whether you want to buy or not, get the book! You will learn a whole lot more about wagons than you ever knew before. Write for it today. Address

MOLINE WAGON COMPANY,
MOLINE, ILL.

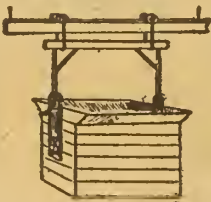
BRANCHES—Deere & Webber Co., Minneapolis; John Deere Plow Co., Kansas City, St. Louis, Omaha, Dallas, New Orleans and Portland, Indianapolis and Baltimore.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

Mr. B. W. McClelland, of Ohio, sends a sketch of a convenient rat trap to the Practical Farmer and writes: "The box, A, should be made from one-inch boards of hard wood so that the rats will experience difficulty in gnawing out. Piece B should be four inches higher than the front. D is the platform; it is hung on two pins, E, one on either side. The platform extends four inches beyond the front and on its lower side is driven a nail as shown in the sectional drawing. The platform should be made of light material. The bait is tied or laid on the projection F; when the rat gets about half way from E to F the platform will tip and the gentleman will be precipitated below and the rubber elastic will cause the platform to assume its former position ready for another rat."

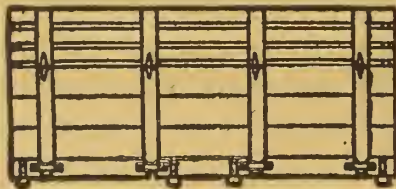


"In your paper you have often spoken about a car for carrying manure from the stable," writes Mr. Martin Wilson, of Madison county, Iowa, "and I wish you would give us a convenient plan for making one in your hints and devices department." The illustration shown herewith shows a home-made device for hauling manure from a stable and can be installed by any farmer who is at all handy with tools. A few old pulleys or wheels may be needed to construct it as it should be, and the ingenuity of the farmer will suggest how it should be made for his own barn and environment. The track can be made by spiking two pieces of 2x4's to make a smooth track. These should be sized and dressed. Rods of half-inch iron will make good hangers and the wheels may be made of an old hay carrier or some similar piece of abandoned machinery. The piece under the track, forming a part of the car should be made of the same width as the track. The side arms of the car can be made of pine. The box can be made two feet wide and four feet long constructed of matched material so as to retain the



liquid manure. Two sprocket wheels are located on one end with a dog to turn the car when emptying. A manure car of this kind can be installed very easily and cheaply and will save much time and labor in cleaning and managing a stable. We are indebted to the Prairie Farmer for the illustration.

Mr. A. J. Small, of Illinois, writes: "I have been very much interested and edified by your hints and devices department and wishing to contribute something that may do some one else good, I send you sketches of a handy home-made wagon box that may be used for hauling wood, hogs or bulky stuff and at the same time will be found economical and



handy when in use on the farm. For sills I use two timbers 1 1/4 x 8, twelve feet

long. For the floor take six pieces of flooring and for the top I get wide boards for the bottom of the rack and three three-inch strips for the top. For nail strips I use three-inch stuff. The front end gate is made solid like that shown in the lower left hand corner of the illustration; the tail gate is shown in the lower right hand corner. This rack can be used for a rack by turning the sides down."

In feeding meal to pigs I have a large box ten or more feet long, made so animals can eat from either side, writes Mr. F. O. Sibley in the Successful Farming. The end of the self feeder in the illustration is left open to show the interior construction of the box. The floor consists of two inclined planes. Feed passes through apertures in sides and thence in troughs on the outside. The



lower part of the sides should be made to slide up and down in grooves so that feed can be shut off entirely or adjusted to suit the conditions. A part of the roof should be hinged so as to render it convenient for putting in feed. With a trough full of clean water nearby it will be possible to feed pigs so that they will soon make hogs of themselves by eating and not by fighting and pushing each other out of the troughs. By the adoption of this plan the weaker pigs can have an even chance with the stronger ones. Mastication will be better and digestion made easier. It is not a good plan to wet meal or even dampen it so

DAILY DROVERS JOURNAL TEN DAYS FREE

SEND us your name and address on a postal card and we will send you the Chicago Daily Drovers Journal ten days without any charge. We make this offer so that those who are not now subscribers may become familiar with the merits of this great farm and live stock daily. Send today to

Drovers Journal, Dept. I. H., Chicago, Illinois.

PATENTS
ORWIG & LANE,
DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

pigs can devour it quickly. To do them the most good it should be fed to them in dry condition.

Special Christmas Catalog.

Soon the time for money making will be at hand. Suggestions for holiday goods are in season. The matter of knowing just what will be most pleasing for father, mother, brother or sister is one of the problems that confronts many a gift-giver. The spirit to give generously to all suggests that one's Christmas money must be made to go as far as possible. For many years the T. M. Roberts Co-operative Supply Co., Minneapolis, Minn., has gladdened the hearts of its patrons with timely hints and bargains for the candle-lit evergreen. Their special new catalog should be in the hands of every holiday shopper. Its pages are full of every imaginable seasonable gift. Moreover, prices are within reach of all, practically wholesale. The catalog is for the asking. Turn to page 4 for the advertisement and kindly mention The Homestead when writing.

BIG FARM PAPER A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$30,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people, its circulation reaching every state in the Union. Address with stamp Valley Farmer, 675 Jackson street, Topeka, Kan.



Onward 106001, a son of the great Keep On, and one of the litter that won at the Iowa State Fair in 1904. Now offered for sale or trade by Mr. A. C. Lanham, of Battle Creek, Iowa.

DAY BY DAY

Agricola

I met a neighbor in town the other day, and he was buying lag screws to fasten down his windmill pump. He said the platform planks would get too rotten to hold down the pump in a little time. Lumber is not what it ought to be considering the cost. I told him that I had no such trouble. My platform is made of concrete and bolts set in it when made, the pump base set over the bolts and the nuts drawn tight and they stay tight. The pump can not budge. But his well is a dug well for the first twenty feet and so a wooden platform is more conveniently made.

My well is drilled from the top, cased with gas pipe to solid rock, and so is water tight, air tight, and insect tight. The concrete platform sets tight to the gas pipe, the pump base rests on the top of the gas pipe, and the water is pure.

I do not like the underground water tank because of the impossibility of cleaning it out. It is very nice, I admit, to have a pressure tank and have confined air send the water out fizzing—very nice when it works all right—but when you have trouble you have the bad kind.

Another of the small concrete affairs which suits me is a concrete base for the cream separator. Machines running at high speed need to be held so they cannot quiver.

Concrete floors for cornerbirs are being built. With a stone or concrete underpinning, and a concrete floor for the base of a cornerbir is a permanent thing. But the corn must be well dried or it will mold a little in the middle of the floor. As for that, such conditions are sometimes met with on a board floor.

I like the idea of a concrete feeding floor for hogs, but am not so favorably impressed with concrete sleeping floors. Stone, even if artificial, is a cold thing to be next to in winter, and keeping it bedded just right is a job.

Take the large plates of a cornplanter and have the blacksmith drill them out larger so they will drop five or six

DR. W. P. HALL, ADRIAN, MO.

Cures Cases of Bright's Disease and Diabetes With Swain's Backache and Kidney Pills.

This is Convincing and Adds More Proof and Cures to This Noted Medicine, Which Has Never Failed to Cure any Case of Kidney Disease, No Matter of How Long Standing and of What Nature.

Adrian, Mo.

As a rule physicians do not endorse or recommend proprietary medicines, and this is my first in thirty-five years of practice and dispensing drugs; but I will deviate from this established rule to say that I have cured some very obstinate cases of kidney troubles with Swain's Backache and Kidney Pills. Some cases of diabetes and Bright's disease I thought incurable and have been cured by this medicine. I think this remedy is a specific for every form of kidney troubles; in fact, I would recommend it in place of anything else.

W. P. HALL, M. D.

This is startling and should be convincing to every sufferer of these terrible diseases that kill more people than any other known ailments. You can obtain this treatment at 50c per box, or \$5 per dozen, at druggists, or Swain Medicine Company, Kansas City, Mo., Dept. 12.

If above statement does not convince you they will cure kidney diseases send us 10c for postage and packing and we will send you a 50c box FREE.

CANCER, TUMOR, ULCER,

SORES and all Skin Diseases successfully treated by The McLaughlin Painless Remedy. Most cases get well after One Application of the medicine on the disease for one hour without PAIN, then go about your work. No matter how long standing your case, you should go at once and take this treatment, the most wonderful medicine known in the world for Cancer & Tumors. Abundant proof and advice free. Dr. J. C. McLaughlin, 351 Junction Bldg., Kansas City, Mo.

Do Not Stammer!

WE cure stammering, Stuttering and other forms of defective speech in four to eight weeks. Only permanent institution in the Northwest. Endorsed by public officials, educators, professional and business men. Terms moderate. Write us today.

NORTHWESTERN SCHOOL FOR STAMMERERS, 1022 15th Ave., S. E., Minneapolis, Minnesota.

kernels and you can mix pumpkin seeds with the seed corn and plant both together. This is not the Agricola way, but a neighbor follows the practice and he likes it. The vines get started earlier than when you wait for the corn to come up and then "stick them," and they get the start of the "bugs." He plants but a few acres this way, and of an early kind, and gathers corn and pumpkins together and feeds to the pigs. It makes a splendid ration, but there are too many small ears for an impatient man to husk.

I have not plowed the garden at this writing, but I am anxious to do so before the ground is frozen for keeps. I like to plow it late in the fall so as to disturb the cutworms and throw them out into a cold relentless world. But I like to plow oat stubble in August. Then the shattered oats will grow and lay hold of fertility which would otherwise leach away. Early plowed land, if not left bare, seems to keep fertile, but the garden is fertilized heavily and kept rich and does not need to be fall plowed early.

I found much difference in the size of ears this fall, those on the ridges being much larger than the ears growing in the "dead furrows." This was not strange, but it did not hold true with the pumpkins on the same ground. The biggest pumpkins seemed to be in the dead furrows. No, they did not roll down there, nor were they planted there, but on the ridges, and the vines which ran to the dead furrows had less shade, because the corn was smaller.

School directors say they have difficulty in finding teachers for the rural schools and they are offering higher wages now than they did a few weeks ago. If high wages will procure really good teachers, then boost up the wages. The rural school is still the hope of the nation, and nothing is too good for it. The town school can fit teachers to the different grades, but with all grades in one room, as in the rural school, it takes a well balanced brain and tactful use of it.

In the country, the school district should be the social center, and the teacher the queen of society—a pattern for the children to study. More is learned from the teacher than from text books, if the teacher is capable and devoted.

Creamerymen tell me that they are discarding "tar color" for butter and going back to vegetable colors. The tar colors have no tar in them, but they are distilled from coal tar and mixed in cotton seed oil, about seven per cent being the color from tar. But this color is a poison and it does not sound well to put poison into a food product. In the proportions used, it is harmless—one pound of color to 1,000 pounds of butter—but they want to say that their butter is, like Caesar's wife, "above suspicion." The vegetable colors used are made of annatto in a solution of cottonseed oil.

Annotto is the pulp of the seeds of a shrub which grows in South America and the West Indies. The botanical name is bixa orellana. The yellow principle is called bixin. As a color, it is inferior to the tar color, as it is weaker and subject to fading. But it sounds better to use a vegetable color. But let no one feel uneasy about eating butter for fear it has tar color in it. If it were strychnin in the same quantity it would have no perceptible effect.

I needed a pole yesterday, yes, two of them. Should I go to town and buy telephone poles? They would be too bulky, and the problem admitted an easier solution. I simply went to the ash grove and cut what I needed. One pole was fourteen feet long and the other nine feet, and they both came from one tree. This small grove was set out many years ago as an experiment, setting the yearling trees out like corn in rows both ways, four feet apart. We used to plant corn further apart than we do now.

The white ash is the variety. Being set thick they stretched up for sun and air, and trimmed themselves, and grew into poles instead of wide spreading trees. One can gather the seeds in abundance along Iowa rivers, and no cleaner, thriftier, handsomer tree can be desired.

Once I saw one the train a man with the unmistakable missionary gleam in his eyes, and he was preaching tree-

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Read Every
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Straight-
forward
Offer.



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Try it in your home, play the stirring waltzes, marches, two-steps, concert pieces, minstrel dialogues, beautiful vocal solos, and other beautiful Edison gold moulded records, play all these, and if then you don't care to keep the outfit send it back at our expense. We charge you nothing for the trial. After the free trial, if you find this kind of entertainers acceptable, you can send the cash or pay on terms as you prefer. Your credit is good. We know from experience that we can trust honest people all over the country the same as we trust the people here in Chicago.

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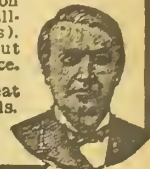
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Thomas A. Edison



setting, and said he desired no greater honor than the credit of introducing the hardy catalpa. I was converted and set out some in the grove. They never fulfilled expectations as post timber, growing sprangly and crooked. I have been told that I should have cut them down when young, let one sprout grow from each stump, and that sprout would shoot up straight.

Then there was Douglas of Waukegan, the black cherry enthusiast. He sent me trees all the way from his nursery as a gift to "see how they will grow in Iowa." They were precisely like those which I later found along the nearest river. Douglas is dead, so are the trees he so kindly sent me. They are not large growers, and when they get their growth they soon decay. The catalpa trees are still alive, but the ash are worth more to me, and the cherry is only a remembrance.

AWFUL PSORIASIS 35 YEARS.

Terrible Scaly Humor in Patches All Over the Body—Skin Cracked and Bleeding—Cured by Cuticura.

"I was afflicted with psoriasis for thirty-five years. It was in patches all over my body. I used three cakes of Cuticura Soap, six boxes of Ointment, and two bottles of Resolvent. In thirty days I was completely cured, and I think permanently, as it was about five years ago. The psoriasis first made its appearance in red spots, generally forming a circle, leaving in the center a spot about the size of a silver dollar of sound flesh. In a short time the affected circle would form a heavy dry scale of a white silvery appearance and would gradually drop off. To remove the entire scales by bathing or using oil to soften them the flesh would be perfectly raw, and a light discharge of bloody substance would ooze out. That scaly crust would form again in twenty-four hours. It was worse on my arms and limbs, although it was in spots all over my body, also on my scalp. If I let the scales remain too long without removing by bath or otherwise, the skin would crack and bleed. I suffered intense itching worse at nights after getting warm in bed, or blood warm by exercise, when it would be almost unbearable. W. M. Chidester, Hutchinson, Kan., April 20, 1905."

A lady said to us one day this summer, "If it wasn't for that telephone, when John is away in the fields and the children are all at school, I'm sure I'd be the most lonesome mortal in existence." We believed her, for when mother was asked what she would do without the telephone her look was suggestive of the incredulous. Everyone agreed that such a convenience and comfort had come to be a necessity on the farm. Its trifling cost is repaid over and over again in the saving made in marketing. Who can estimate its value in time of sickness with the doctor five miles away? Or in other times of danger such as fire

I Am Perfectly Cured

This is the testimony of thousands who have consulted us. If you are weak or diseased due to habits, excesses or over work and are discouraged and despondent, don't give up, but instead consult us and be cured. Twenty years of successful practice in Des Moines guarantees you honest, skillful and up-to-date service. Our cures are quick, safe and permanent. What we have done for others we can do for you.



WE CURE
ALL MEN'S
DISEASES



Our reputation and name is too favorably known to make promises we cannot fulfill. We effect life long cures in NERVOUS DEBILITY or LOST VITALITY, whether due to habits, excesses or overwork. VITAL WEAKNESS, VARICOSE or ENLARGED VEINS, RUPTURE, BLOOD POISON, SKIN DISEASES, PROSTATE, STRICTURE, URETHRAL, KIDNEY and BLADDER diseases cured to stay cured. COME AND SEE US AND RECEIVE OUR LEGAL GUARANTEE TO CURE OR NO PAY. Reference, any bank or newspaper in Des Moines. Examination free. Write for free book if you cannot call.

Drs. Fellows & Fellows Co.
323 W. Walnut St. Des Moines, Ia.

or robbery. You owe it to the family and business to install a telephone. In this connection some good reading matter is offered for the asking by the Stromberg-Carlson Telephone Manufacturing Company, Chicago, Ill. Just write them and say: "Send me your 52-page booklet G12, as advertised in The Homestead. More information regarding these people on page 10.

To Kill Rats.

There are many plans for ridding a place of rats. Some are better than others, but one that is sure to do the work of cleaning out the "rat holes" is Rat Bis-Kit. It gets them all, for those which are not destroyed the first time will be on their return trip. Rat Bis-Kit will keep for months and is the cheapest way of killing vermin of this sort that can be found. The effect of the poison causes thirst. This brings the rats out of their holes and they may be found dead near water. This is one of the good points in the working of this poison as ordinary poison leaves their bodies to raise a stench where they cannot be removed. If this preparation cannot be obtained at your store send a quarter for a box to The Rat Biscuit Company, Dept. F. 11, Springfield, Ohio. Their notice is on page 26 Mention our paper when writing.

The word "guarantee" has been so much misused and abused under various conditions and circumstances, that it does us good to see the manner in which this is made plain and clear by the Litchfield Mfg. Co., on page 5.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

Testing Cream.

To the Editor of The Homestead:

You submit to me the following inquiry:

I have just read in your paper the question asked by a Nebraska subscriber, and as we are interested in the butter tests and butter yield, etc., and have been selling cream for some time and are not satisfied, I would like to have your judgment in our case. I had a can of twenty-six pounds of cream. The man who gathers our cream stirred it up and poured out fourteen pounds of the cream and took his test from the fourteen pounds. The twelve pounds remaining I churned and the butter would not separate until I put some water with it because it was too thick to move in the churn until thinned. Out of that twelve pounds of cream I got five pounds of butter, lacking part of an ounce. Now, the creamery test was twenty-eight on the fourteen pounds. Do you consider that a correct test? Our creamery man took three cents for making during the summer, but now that butter has gone so high he is taking the overrun.

Replying to this inquiry regarding the correctness of the sample of cream which you mention, this depends entirely on how the cream gatherer stirred the cream before pouring out his fourteen pounds. If cream or milk is merely stirred with a dipper or other stirring rod, it only partially mixes the fat with the other constituents of the milk. The greater portion of cream remains in the upper part, and the thinnest of the milk remains near the bottom of the vessel. The only way to take a correct sample of a batch of milk or cream is to pour the entire contents several times from one vessel to another. The sample is then taken and an accurate test made. If the cream gatherer stirred your cream with a dipper and poured off from the top his fourteen pounds of cream, it should have tested more than the remaining twelve pounds. If the remaining twelve pounds of cream produced a fraction less than five pounds of butter, we will say for example 4.99 pounds, the per cent of butter in the cream was 41.66 per cent; but creameries do not pay for butter—they pay for butter fat; therefore, we subtract six from 41.66 per cent on account of the 16 per cent overrun which butter contains over and above that of butter fat, which gives us 35.66 per cent of butter fat in the twelve pounds of cream.

To find the amount of butter that can be obtained from a given amount of cream, multiply the pounds of cream by the per cent of fat it contains, divide by six, and add the result: Twelve pounds cream multiplied by 35.66 per cent fat, equals 4.279 pounds butter fat; 4.279 divided by six equals .713; 4.279 plus .713 equals 4.99 pounds butter.

Of course cream must not only be properly mixed before testing, but great care must also be exercised in operating the tester, or decided variations will frequently occur. For instance: The temperature of milk makes a difference of from 1 to 5 per cent in the test of cream at average skimming temperature, greater variation being caused in extreme cases. The amount of flush water used with average skimming temperatures makes a difference of from 1 to 3 per cent, in extreme cases making a difference as great as 10 per cent.

The variation in steadiness of the bowl makes a difference of from 2 to 16 per

cent, depending on the amount of vibration.

The variation of the speed of the bowl causes a difference of from 1 to 13 per cent in the test of cream, depending on the variation of speed.

The amount of milk allowed to flow through the separator bowl from one-half to full capacity makes a difference of from 1 to 6 per cent, depending upon the divergence from full capacity of the machine.

The amount of acid in the milk causes an irregular variation in the test of the cream, depending upon the amount of acid it contains. Where the acid reaches a high point, .3 to .4 per cent, for instance, and the separator is used continuously for an hour or more, it will eventually clog, the same as in the case of cold milk. The cream will then become thicker until the separator is entirely clogged. The extent of the clogging will depend on the amount of acid in the milk and the size of the machine. The higher the acidity and the smaller the machine, the sooner the separator will clog.

There may also be a variation between measurement and weight of a given amount of cream. The richer the cream, the more fat it contains, consequently, the lighter it is, and vice versa. For instance:

Cream testing 15% equals 8 lb. 7 oz. per gal.; cream testing 20% equals 8 lb. 6 1/2 oz. per gal.; cream testing 25% equals 8 lb. 6 oz. per gal.; cream testing 30% equals 8 lb. 5 1/2 oz. per gal.; cream testing 35% equals 8 lb. 3 oz. per gal.; cream testing 40% equals 8 lb. 1 oz. per gal.; cream testing 45 per cent equals 7 lb 15 oz. per gal.; cream testing 50% equals 7 lb. 14 1/2 oz. per gallon.

Kansas. G. W. Melick.

Intensive Dairy Farming.

To the Editor of The Homestead:

You submit to me the following communication received from one of your subscribers at Soldiers Grove, Wis.:

I have recently read statements to the effect that from twenty to twenty-five cows could be kept on an eighty-acre farm. How this can be done without buying a good deal of their living is a difficult question for me. I will describe the conditions on my eighty-acre farm and ask your advice how to handle it, to keep the greatest number of cows. It is rolling land inclined to wash. About fifteen acres of this is wood-lot, three acres in orchard, yards, etc., leaving sixty-some acres to farm. The way I look at it, it will take twenty acres, including the wood-lot, for pasture, and it seems to me that twelve to fifteen cows at the outside is all that could be wintered on what would grow on the balance of this farm. A silo is out of the question. There is none in this section and no machines for making ensilage, although this is quite a dairy country. I wonder what would be the best kind of cows to keep: Jerseys are not popular here and I believe, all things considered, that the Durham or Short-horn would be the most practical, although I am highly impressed with the Holstein.

The question asked by your correspondent is a hard one. The most encouraging thing about it is the fact that the owner of this farm has shown by the letter that he has an inquiring mind. To be dissatisfied or disgusted with one's condition and say nothing, does not aid development, but if a man continues to revolve in his mind the question of a profitable development of his farm and he tries to get such light as he can from various sources, he will certainly make progress if he keeps on inquiring.

It is more difficult to give definite instructions for the proper management of such a farm as described, than it is for a physician to prescribe the best remedies for a sick patient by mail. No one at a distance can tell this man or any other man exactly what treatment to give his land, or the feeds to buy for his stock.

Suggestions must necessarily be generalities. In giving these I would place first the recommendation that he take a ten days' or fourteen weeks' short course in some agricultural college during the coming winter. Such a use of his time will undoubtedly be very profitable, even if it necessitates selling all his stock, closing up his house and deserting the farm for the winter. By devoting a few months' time to study at some agricultural college, any man who owns a farm ought to be able to get points enough to begin anew and make progress in one year that without such a training would possibly never be made.

Second, intensive farming will undoubtedly help such a farm. The farmer will probably want to know at once what is meant by intensive farming. Briefly, it is accumulating fertility by tilling the land, planting such crops

TIME IS THE TEST

of durability in a high-speed machine like the cream separator. No other machine a farmer uses has harder use. Run twice every day, winter and summer, it must not only do thorough work, but to be permanently profitable, it must be durable.

U.S. CREAM SEPARATORS

are built for long service. A solid, low frame encloses entirely all the operating parts, protecting them from dirt and danger of injury. The parts are few, simple and easy to get at. Ball bearings at high speed points, combined with automatic oiling reduce wear as well as insure the easiest operation. Such careful and thorough construction is what enables the U. S. to better

STAND THE TEST

than any other separator. You don't have to buy a new one every year or two. And remember: the U. S. does the **cleanest skimming** all the time. Look into this. Write today for a copy of our handsome, new separator catalogue. Ask for number 81. It is finely illustrated and tells all about the U. S. Address

Vermont Farm Machine Co., Bellows Falls, Vt.

Prompt deliveries of U. S. Separators from warehouses at Auburn, Me., Buffalo, N. Y., Toledo, O., Chicago, Ill., LaCrosse, Wis., Minneapolis, Minn., Sioux City, Ia., Kansas City, Mo., Omaha, Neb., San Francisco, Cal., Portland Ore., Sherbrooke and Montreal, Que., Hamilton, Ont., Winnipeg, Man. and Calgary, Alta.

Address all letters to Bellows Falls, Vt. 447

Are You Looking for Perfection in a Separator?

If so, send for **Free Trial** proposition made only by us—manufacturers of the

National Cream Separator

We want to prove to you that it is in every way the most perfect separator on the market.

It would take too much space to advertise all the good points of the National, but here are a few:

It is made of the most finely tempered steel and best of other materials obtainable, by high-priced, skilled workmen who have had years of experience in the business.

It is built on scientific principles, with absolute accuracy in every detail.

It is a wonderful example of mechanical simplicity, with fewest parts and no complicated mechanism.

It never gets out of order if handled with ordinary care, which means saving of repair bills.

It only has two parts to clean, which don't take 5 minutes—others have from 5 to 40.

It does its work quickly—no lost motion—parts all working in perfect harmony.

It is the easiest in the world to operate—runs so lightly and smoothly that a child's strength is enough to turn it.

It is most convenient—the top of milk can be only four feet from the floor—does away

with high lifting of heavy buckets.

The National gets all the cream with less effort and more quickly than any other separator on the market.

It leaves the cream in perfect condition to produce the highest quality and largest quantity of butter.

It brings immediate gains and pays for itself with only three or four cows in a very short time.

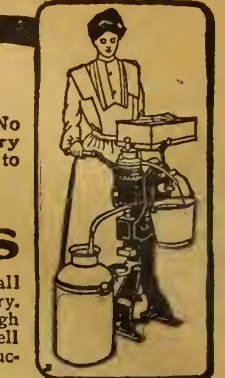
It is the most durable separator made and you can use it ten years from now as well as today.

In every detail the National represents the highest possible stage of perfection in a separator, and we'll prove it if you will only give us a chance.

You can learn still more about the National if you send for our free Catalog and Dairy Guide—the most valuable book of its kind ever published.

Address nearest office, ask for No. 109.

National Dairy Machine Co., Goshen, Ind.
The Hastings Industrial Co., - Chicago, Ill.



THE DAIRY QUEEN

THE CREAM SEPARATOR THAT SUITS ALL.

The Dairy Queen is as near perfection as can be reached in cream separators. It fills every requirement, its low and large supply can, its simple and easy bowl to clean, its light running and close skimming is just what you have been wanting. It never gets out of order, it's always ready to skim, and leaves the cream in perfect condition.

You Can Try It Before You Buy.

The Dairy Queen is sold on guarantee and free trial. We have all confidence and know it is right or we could not offer them this way. We only want a chance to prove this to you, that the Dairy Queen is the most convenient, easiest to operate and most durable separator on the market. Ask your dealer about it or send for free catalog.

Address, E. R. Bailey, Clarinda, Iowa, or
DAIRY QUEEN MFG. CO., FLORA, IND.

Save 20% to 50 %

By buying a **DAVIS Separator**

It comes direct from the factory

Factory prices. No middlemen's profits. Investigate our fair selling plan.

It's the low-down separator (just belt high) that has a three-piece bowl that can never get out of balance. In all the separator world there is nothing to equal the Davis for convenience, for nice, close skimming, for easy running and easy cleaning. Don't buy without having our money-saving Catalog No. 118. It's free. Write for it to-day.

Davis Cream Separator Co., 54-L North Clinton Street, CHICAGO, ILLINOIS.

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Save \$10. to \$15 - Per Cow
Every Year Of Use

Over All
Gravity Settling Systems
And At Least \$5. - Per Cow
Over All
Imitating Separators.

While They Last
From Two to
Ten Times Longer
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74 Cortlandt Street, | Canal & Randolph Bldg.
NEW YORK. | CHICAGO.

OVER 6,000 BRANCHES AND LOCAL AGENCIES.

HILLCREST Butter-berd Holstein Bull Calves. The best money maker to head dairy herds. Write to-day. No females to sell. G. C. Mosher, 605 Bryant Bldg., Kansas City, Mo.

and feeding such grains as will constantly increase the fertility of the land without exhausting it by selling crops. Dairying is the best line of farming to accomplish this end. There is no good reason why the number of cows cannot be gradually increased and when nothing but cream or butter is sold from the farm, these cows will be one important factor in contributing to the fertility of the soil. There is a farm in this state where a man keeps

sixty head of cattle on sixty acres. He sells cream only, and has kept this up for years. Feeding silage and buying such feeds as bran, oil meal and gluten meal, which are good milk producers, aid greatly in improving the fertility of the soil.

The building up of a farm from a run-down condition to one in which one cow per acre may be profitably kept is in some cases a slow process, but the quickest way to accomplish it is to

devote one's mind to the task, and as I have already suggested, begin this mind training by taking a short course in some agricultural college.

The question of selecting a breed of cows for any farm or farmer is about as hard, if not harder, than advising at long range what to do with the farm. In this case, one of the four dairy breeds will undoubtedly be the best for him to choose, but which one is a question that must be decided by the man himself. It certainly is a great deal better for a farmer to handle the particular strain of stock for which he has a fancy, than for him to attempt to stock his farm with a breed for which he has not this individual preference.

E. H. Farmington.

Madison, Wis.

CHEESE-MAKING SIMPLIFIED.

We cannot urge it upon our readers too much to make their own supply of cheese. At twenty cents a pound for only a fair grade article, the farmer, or his wife, or one of the older children, can well afford to spend a few hours and spoil a few pails of milk in learning to make this splendid article of food.

Two new discoveries have greatly simplified the making of cheese. Formerly the curd was put in a mold and pressed, but now after the curd has drained as much as possible it may be pressed into oiled tin pails and placed upside down so as to drain for several days. Then the top may be sealed over with melted paraffine as one would fruit. In this way the bother of oiling or buttering the rind is done away with and there is much less waste to the rind. When the cheese is ripe it may be cut out of the pail as used and there will be little opportunity for it to dry out, as if it were fully exposed to the air.

We have tried this plan and know it will work and simplify matters much. Ordinary gallon sirup pails were used, while a potato masher packed down the curd in the pails.

Cheese may now be cured at comparatively low temperatures. This will make it possible to cure the curd in winter, placing it on clean shelves in the cellar, where the temperature will be quite uniform. As low a temperature as 40 degrees has been found to produce a nicely cured curd, though, of course, more time was required. Our first cheeses were made with a list of apparatus no more extensive than a galvanized tub for the vat, a wire toasting screen for the curd cutter and a cider mill for the press, though even a rail or plank will do the work, placing the

press under and near one end, which is shoved under some stationary object.

Do not expect to make a prime cheese at the first attempt. There are many details which will seem to make the process complicated at first, but a few times through will make the work rather enjoyable. Since from eight to ten pounds of cheese can be made from 100 pounds of milk, it will be immediately seen that milk made into cheese will bring a good price.

The busy season will soon be at an end on the farm, so secure some simple directions found in almost any good cook book or in bulletins, start with inexpensive apparatus and you will be surprised when you cut the first cheese in several months what a good job you can really do. Cheeses that are not so good in flavor can be used in omelets and scalloped dishes.

McNeil Bros.' Duroc Sale.

One of the most successful sales of Durocs throughout the entire season was that held by Messrs. McNeil Bros., of Bowen, Ill., on Tuesday, October 30th. This firm have been among the best pushers of the Duroc business. If an animal suits them, it is not a question of price with them, but the fact that an animal will add strength to their herd. They have been good buyers and liberal bidders at many of the best sales of the middle West and own one of the best herds in the country. A large number of breeders from Iowa, Nebraska, Indiana, Missouri, Kansas and Illinois, were present, while other states were represented by mail bids. Col. F. F. Luther, in opening the sale, called attention to the growth and uniformity of the type, color and conformation of the offering. Mr. H. E. Browning, of Hersman, Ill., the well-known breeder of Durocs, topped the offering, paying \$400 for a fall yearling gilt by The Great Conqueror. Mr. H. B. Louden, of Clay Center, Neb., secured a hargain in a spring gilt by Cantine Boy at \$150 and was a liberal bidder on the entire lot. Mr. Ed A. Baxter, of Pawnee, Ill., secured another good hargain in a March spring gilt by Hanley at \$92.50. Hanley is proving himself a breeder of the best class and the breeders were quick to secure his get at remunerative prices. Messrs. Cutler & Cooper, of Ferris, Ill., secured a daughter of Hanley at \$100 and another went to Mr. B. W. Hale, of Laddonia, Mo., at \$97.50. Col. Fred Reppert, of Decatur, Ind., assisted Colonel Luther in disposing of the offering. An average of \$70.50 was secured on the entire offering. A list of animals sold follows:

1 S. E. Whitford, Bowen, Ill.....	\$ 25.00
3 A. E. Lynch, Mt. Airy, Iowa.....	25.00
Extra H. B. Louden, Clay Center, Neb.....	150.00
6 Frank Myers, Kokomo, Ind.....	22.50
7 Brooks Bros., Tangier, Ind.....	22.00
8 Ed Christian, Decatur, Ind.....	25.00
18 Peck & Putnam, Tecumseh, Neb.....	55.00
19 Roht, Conwell, Galveston, Ind.....	25.00
20 H. W. Lineweaver, South English, Iowa.....	25.00
21 Ed A. Baxter, Pawnee, Ill.....	92.50
22 A. E. Poush, Charlton, Iowa.....	50.00
23 S. R. Murphy, Savannah, Mo.....	67.50
24 J. H. Norris, Bowen, Ill.....	80.00
25 Sheldon Bros., Shannon City, Iowa.....	42.50
26 F. M. Erschen, Odell, Ill.....	60.00
27 A. L. Lynch.....	40.00
28 White & Dewey, Shannon City, Ia.....	37.50
29 Chas. Willard, Bowen, Ill.....	35.00
30 Same.....	40.00
31 Cutler & Cooper, Ferris, Ill.....	100.00
32 Fred Kraschel & Son, Macon, Ill.....	50.00
33 B. W. Hale, Laddonia, Mo.....	97.50
34 Chas. Cooper, Ferris, Ill.....	65.00
36 Manlove Bros., Bowen, Ill.....	80.00
37 Fred Allen, Ripley, Ill.....	80.00
38 H. E. Browning, Neilsman, Ill.....	62.50
39 Lemh Bros., Tecumseh, Neb.....	80.00
40 H. E. Browning.....	400.00
41 H. B. Griffiths, Bowen, Ill.....	82.50
42 E. H. Deal & Son, Elwood, Ill.....	80.00
43 Ed A. Baxter, Pawnee, Ill.....	100.00
44 H. W. Lineweaver.....	57.50
45 Wm. Shoup, Augusta, Ill.....	70.00
47 J. G. Reil, Ferris, Ill.....	75.00
48 Maupin & Applegate, Shelbina, Mo.....	65.00
49 Thomas & Hogsett, Golden, Ill.....	55.00
50 W. M. Willard, Bowen, Ill.....	67.50
53 Reil & Cooper, Ferris, Ill.....	87.50

O. L. Kerr's O. I. C. Sale.

Mr. O. L. Kerr's sale of O. I. C. winners and descendants of winners was held at Independence, Mo., on Friday, November 2d. Unfortunately Mr. Kerr was not able to attend the sale on account of sickness, he having been a very sick man for the past ten days. No one knows the O. I. C. better than does Mr. Kerr and his explanations of his various reasons for mating certain hogs in order to further the improvement in the O. I. C. would have added many dollars to the total of the sale. As it was, Mr. Kerr's brothers, the auctioneers and the newspaper men worked in harmony to make this sale a success. Several animals that should have sold up in three figures went for less than \$100, yet on fifty-five head an average of \$12.12 was made. The champion boar, Kerr Garnett, topped the sale as was expected, going to Mr. John Cramer, of Beatrice, Neb., at \$625, the record price for an O. I. C. boar. Mr. Cramer and Messrs. Blodgett Bros., of Beatrice, Neb., work together and will own Kerr Garnett jointly. Mr. G. W. Mathews, of Grant City, Mo., held the best hind under the \$625 and would have bought Kerr Garnett, but he owns a full brother to him. A mail bid of something over \$500 was sent by Ohio parties. New York, Ohio, Iowa, Nebraska, Kansas and Missouri furnished the buyers. A representative of this paper called on Mr. Kerr after the sale and at Mr. Kerr's request we take this means of thanking those who attended and helped to carry his sale through successfully. Following is a list of all sales of \$25 and over:

Lot.		Price.
1.	Champion boar, Jno. Cramer, Beatrice, Neb.....	\$625
2.	Frank Schwietterman, Montezuma, Ohio.....	29

Iowa Stock Food

FREE!

To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing.

Gentlemen:—
I purchased some of the Iowa Worm Powder last February and I don't think I ever made a better investment. The Iowa Worm Powder can be depended upon. I had some of it left that I fed to my spring pigs and it surely done the business.
I gave your Mr. Deal an order today for some more of the Worm Powder, as I want it on hand. An occasional feed of it keeps the worms from accumulating in my pigs. Feeding to prevent sickness beats curing after pigs are sick. Most of the pig losses are due to worms and the Iowa Worm Powder is sure death to worms.
Truly yours,
Alex. Norman.

Zearing, Iowa, July 13, 1906.

Address Department A.

Iowa Stock Food Co.

Jefferson, Iowa.

3. Frank Botts, Buckner, Mo.....	27
6. Frank Tallie, Lee's Summit, Mo....	25
9. Jno. Cramer.....	120
10. Frank Tallie.....	70
11. Jno. Paulley, Adaza, Iowa.....	35
12. Jno. Cramer.....	42
13. C. B. Adams, Grandview, Mo.....	42
14. W. H. Cole, Pattonburg, Mo.....	40
15. Chas. Kerr, Independence, Mo.....	51
24. Pardy Bros., Plattsburg, N. Y.....	45
25. Walter Bowen, Neola, Iowa.....	45
26. W. H. Cole.....	32
27. J. E. Musselman, Medford, Okla....	37
29. W. H. Cole.....	27
30. G. W. Mathers, Grant City, Mo.....	41
32. Jno. Cramer.....	28
34. J. C. Humphreys, Laredo, Mo.....	26
35. W. T. Diggs, Arrow Rock, Mo.....	26
38. F. J. Wade, Weston, Ohio.....	30
39. J. C. Humphreys.....	27
40. Same.....	28
41. C. B. Adams.....	41
50. J. R. Brownfield, Everest, Kan....	37
53. Same.....	34
53½. W. W. Waltmeyer.....	56
54.....	29
57. C. N. Barker, Louisville, Kan.....	25
58. J. A. Brownfield, Everest, Kan....	40
60. Same.....	31
61. Same.....	60

Castle's Duroc Sale.

Messrs. E. M. Castle & Son, of Joy, Ill., held their first annual sale of Duroc Jersey hogs at the sale pavilion of Mr. A. G. Bridgford, on October 16. A large crowd of breeders and farmers were present and a quick, snappy sale resulted in an average of nearly \$24 on fifty head. Colonel McGowan, in opening the sale, called attention to the increased value of the pork products the past season, and the popularity of the Duroc. He was assisted by Col. C. C. Kell, Mr. E. B. Conkling, of Mediapolis, Iowa, topped the sale, paying \$80 for a spring boar by Tip Top Notcher. Messrs. A. W. Harris & Son, of Morganfield, Ky., topped the female portion of the auction, paying \$50 for a daughter of Royal Plummer. List of animals selling for \$20 or over appears below:

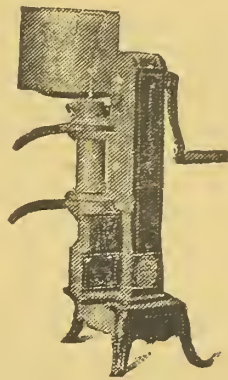
1 E. M. Bigelow, Joy, Ill.....	\$22.50
2 M. S. Garrett, Viola.....	22.00
4 S. S. Litzberger, Aleo.....	20.00
5 E. B. Conkling, Mediapolis, Iowa.....	31.00
6 L. I. Pearsoll, Cordova, Iowa.....	30.00
7 H. H. McGaughy, Viola.....	30.00
8 M. Anderson, Alexis.....	20.00
9 Chas. Bloomer, Joy, Ill.....	20.50
10 Same.....	20.50
12 Bert Denning, Reynolds.....	20.00
15 E. B. Conkling.....	80.00
18 Scott Hunt, Aleo.....	20.00
19 R. H. Whitsitt, Aleo.....	25.00
22 Joe Reed, Aleo.....	20.00
24 A. Harper, Bennett, Neb.....	38.00
27 Scott Hunt.....	24.00
28 N. B. Cutler, Carthage, Iowa.....	32.00
30 W. L. Candler, Aleo.....	20.00
31 F. McCutcheon, Alexis.....	20.00
32 Ira M. Brown, Aleo.....	21.00
37 Henry Patterson, Edgington.....	21.00
37 Scott Hunt.....	30.00
47 H. H. McGaughy.....	21.00
48 Jesse Hayes, Illinois City.....	21.00
49 A. W. Harris & Son, Morganfield, Ky.....	50.00
51 Sherm Brown, Aleo.....	41.00
52 I. E. Close, Aleo.....	30.00
53 Same.....	35.00

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This great country of ours would be ideal to live in, were it not for the sudden changes of temperature, which produce many and complicated diseases—the commonest of all is catarrh, which very frequently leads on to that scourge of our climate, consumption. There are many great and noble men, devoting their lives to the bettering of humanity, by curing this disease. One man stands out from all others—Catarrh Specialist Sproule; a true and genuine benefactor, who has perhaps cured more cases of catarrh than any man living. We publish his announcement on page 12 of this issue. It will be well for all catarrh sufferers to avail themselves of his generous offer.



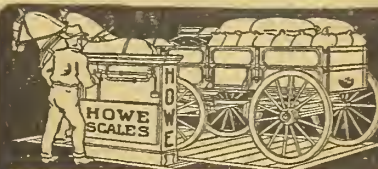
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Just because someone tells you that some other Separator is as good as the "IOWA" is no reason why you should believe it. Letting other people do your thinking is too expensive. You cannot afford such luxuries. Investigate for yourself. Use your brains for your own benefit—they were given you for that purpose. If you do this you will discover that there is just one machine which takes out all the cream, and that is the "IOWA." The dairyman is fully entitled to all the profit there is, even to the last cent. He gets it only by using an

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Make all pumps work Easy. Windmills run in slightest wind. Fits all Pumps. Merit sells them. Fully Warranted. Exclusive territory. Write Equalizer Mfg. Co., Waseca, Minn. Dept. 19

LADIES to work on piecework \$8 per dozen. All materials furnished; no canvassing; steady work. Stamped envelopes. Best Mfg. Co., Champion Bldg., Chicago, Ill.

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The hog trough is no place to put butter.

Wide awake farmers want the cream separator that skims the cleanest. It means more profit—better living. That separator is the Sharples Dairy Tubular—the separator that's different.

Sharples Dairy Tubulars have twice the skimming force of any other



separators—skim twice as clean. Prof. J. L. Thomas, instructor in dairying at the agricultural college of one of the greatest states in the Union, says: "I have just completed a test of your separator. The skimming is the closest I have ever seen—just a trace of fat. I believe the loss to be no greater than one thousandth of one per cent."

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If it does not grind at least 20% more ear-corn or other grain than any other two horse sweep mill made, send it back at my expense. Don't miss this offer. Ball-bearing throughout. Only 10 ft. sweep. Light draft. Grinding rings never touch each other—they last for years. Both grinders revolve, self-cleaning. Ask for new Catalogue, **G. M. Ditto, Box 12 Joliet, Ill.**



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CRUSH ear corn, with or without
shucks) and GRIND all kinds of small
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Different from all others.

**LIGHTEST
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Also make Sweep Grinders;
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Every wire and every twist is
a brace to all other wires and
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Horse-high, Bull-strong, Pig-
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Our Catalogue tells how Wire
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why some is good and some is
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DO HEAVY JOBS EASY

Butcher, lift hay, wagon boxes, swing
injured animals, stretch wire, do
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Burr Self-Locking Block

It locks and holds at any point;
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unlocks instantly. Can't break; lasts
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BY ONE MAN, with the FOLDING SAWING MACHINE. It
saws down trees. Folds like a pocket knife. Saws any kind of
timber on any kind of ground. One man can saw more timber
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shipping to users only, at manufacturers' prices. No
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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

BANKRUPTCY—MISTAKEN ANSWER.

Mr. C. W. E. Snyder, Belle Plaine, Iowa.—I am an interested reader of your paper, especially of the legal notes, and believing that it is a good department for your readers, I would call your attention to the issue of October 18th, 1906, under legal notes where-in it is stated that a person engaged chiefly in farming and the tillage of the soil cannot become a voluntary bankrupt. I think your editor on re-examining will find that the law is that such a person cannot become an involuntary bankrupt. It is possible that some of your readers, relying on your statement of October 18th, might be deprived of this privilege, believing that the statement was correctly made in your paper.

Answer.—Mr. Snyder is correct. A person engaged chiefly in farming or the tillage of the soil can become a voluntary bankrupt, but cannot be adjudged an involuntary bankrupt. We thank Mr. Snyder for calling our attention to the matter.

TELEPHONE DISCRIMINATION.

A Subscriber, Jones county, Iowa.—Is there any law requiring interstate telephone companies to afford connections with farmers' telephone lines when they meet in the country?

Answer.—Section 2161 of the Code of Iowa provides that if any telegraph or telephone within the state, or the person having the control or management thereof, refuses to furnish equal facilities to the public, and to all connecting lines for the transmission of communications in accordance with the nature of the business which it undertakes to carry on, it or he shall not be entitled to the benefit of the laws giving to such companies or persons, rights of way and other privileges. The law is loosely framed, and the penalty for its violation is difficult of enforcement.

WILL—INSURANCE—GUARDIAN.

A Subscriber, Newton, Iowa.—A has three life insurance policies, one of them names his wife as beneficiary; another names a daughter as beneficiary, and the third names his estate. Can A by his will constitute a certain person as guardian of the daughter in case she is a minor when A dies, such guardian to take charge of the insurance money coming to her by virtue of the policy?

Answer.—In case the daughter beneficiary should be a minor when A dies, a guardian would have to be appointed for her by the district court, and the insurance company would have to pay the amount of the policy to the guardian. Now as to whether the court would appoint the person whom A named in his will as such guardian, depends upon circumstances. If such person was shown to be reliable and honest, financially responsible, able to give a good bond, and otherwise a proper person, the court would most likely appoint him guardian. A guardian of a minor gets his legal power to act, not from a will, but from the order of the court appointing him.

BOUNDARY LINE—PROMISSORY NOTE.

A Subscriber, Guthrie Center, Iowa.—(1) A owns eighty acres of land, B and C own forty acres lying east of A's land. There is no corner stone or other mark at the middle of the quarter section. B claims that the line should be about a rod farther west than it now is, at the center of A's eighty, and he wants to hire a surveyor to fix the corner. A wants to measure the land and fix it up without the expense of a survey, but B claims that will not be legal. Can B have a survey made and change the line and move the partition fence to such line without A's consent? (2) A bought eighty acres of land and gave his note and mortgage to B, the note being made payable at a bank in this county. B resides in Minnesota. By the terms of the note A can pay any or all of it on the first day of any year, at his option. Should A require B to send the note to the bank when he makes payment on it, so that he can see for himself that such payments are properly credited on the note?

Answer.—(1) If A will not consent to changing the boundary line, B cannot have it changed or the fence moved by merely having a survey made. The only way to change a boundary line, where one of the parties refuses his consent, is to bring a suit in the district court for that purpose, and then if the old division line has been recognized for more than ten years as the boundary line, the suit would fail. (2) A should insist that the note be sent to the bank when he pays money on it, so that he can see that the payment is properly credited on the note. It is the only safe way. When the day arrives that it is



YOU WANT THIS FREE BOOK

Here is a book—yours for the asking—which should be in the hands of every progressive farmer in America. From cover to cover it is brim-full of facts of vital importance to you. It comes from the greatest independent telephone house in the world—the house that has been most instrumental in bringing the blessings of the telephone to hundreds of thousands of farm houses all over the land. It shows you how simple and easy and inexpensive it is to own a

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system—a system that is a money-saver every hour in the day—a convenience and comfort you shouldn't even try to do without, and a protection against sickness, robbery, danger and fire that pays back its trifling cost over and over and over again. You owe it to your business and your family to get this book at once and read every line in it. Your letters will get personal attention and you'll have the help of experts from this great factory in every move you make toward owning a telephone. Sit right down now and say: "Send me your 52 page booklet G12 'How the Telephone Helps the Farmer.'"

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CHICAGO, ILL.

due, offer the money at the bank and demand credit on the note, before the money is turned over.

UNITED STATES LAND OFFICES.

An Old Subscriber, at Nichols, Iowa, wants to know the names of the towns in the various states where United States land offices are located.

Answer.—There are 117 towns where United States land offices are located. These towns are scattered about over twenty-nine states and territories. It would require too much space to mention all these places. If our correspondent will be a little more definite and specific as to what particular region he has in mind, we will gladly furnish him information.

AVOID A LAWSUIT.

Mr. D. H. Leshner, Robins, Iowa.—About three years ago the proprietor of a furniture store agreed to sell for me on a commission of 5 per cent three show cases, which I then put into his possession for that purpose. He was not to sell them for less than \$7 each. Soon afterwards he sold one of them and paid me the net proceeds of it. Sometime after that he was burned out and claimed that one of my show cases was destroyed, but he saved the other. Later he claimed that I had never brought him but two cases, that he sold one and his clerk one, and that he had fully settled with me for both of them. This is not true. He settled with me for but one of the cases. I have a dozen or more witnesses to the transaction. (1) Can I recover the value of the case he refused to settle for? (2) Can I prosecute him criminally for his outrageous conduct? (3) Would it pay me to go to law about it?

Answer.—(1) You can recover the value of the case if he has sold it, by a law suit. (2) We think not. (3) It would not. Your lawyer's fee would be more than your claim.

Thomas & Hogsett Duroc Sale.

One of the snappiest Duroc sales of the season was held at Golden, Ill., on Thursday, October 25th, by Messrs. Thomas & Hogsett. These two gentlemen have been among the best buyers of past seasons. Careful selections in making purchases has resulted in most excellent herds and the stock presented to those present sale day was truly appreciated. All stock cataloged, with the exception of one, was sold, and an average of \$66.75 was secured on thirty-seven head. Mr. A. M. Peck, of Clayton, Ill., a comparatively new breeder, topped the sale, paying \$225 for a daughter of Big I Am (now dead), one of the best sons of Buddy K. IV., champion Illinois State Fair 1905 and second-prize aged boar in 1906, and out of a sow by Tip Top Notcher. Mr. S. R. McNulty, of Golden, Ill., secured a litter sister at \$200, also a daughter of Ambition at \$130. Colonel McGowan opened the sale with a strong plea for the betterment of stock throughout the country and was assisted by Colonels Reppert, Keil and Reynolds in conducting the sale. A list of animals selling for \$25 and over follows:

Lot.	Price.
2. Lamb Bros., Tecumseh, Neb.	\$ 50.00
3. R. J. McCray, Golden, Ill.	65.00
4. McNell Bros., Bowen, Ill.	62.50
5. S. R. McNulty, Golden, Ill.	200.00
6. A. M. Peck, Clayton, Ill.	225.00
7. F. M. Erschen, Odell, Ill.	57.50
8. Manlove Bros., Bowen, Ill.	102.50
9. Wm. Shoup, Augusta, Ill.	95.00
10. Robert Downing, Augusta, Ill.	95.00
11. Wm. Shoup	77.50

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Hides Tanned and Mfg.
into Coats, Robes,
Rugs, Etc.

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OUR WORK**

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Highest Prices and Prompt Remittance



GUARANTEED if you ship
us all your Hides, Furs,
Pelts, Wool, etc. We pay
same-day so goods are re-
ceived. Try us! We must treat
you right if we want to keep
you as a shipper. Write for
price list and tags.

BERMAN BROS., 325 1ST ST. S., MINNEAPOLIS, MINN.

GLOBE TANNING & MFG. CO.

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WE ARE TANNERS of all kinds
of hides, both with hair on and
off. **MAKE COATS AND ROBES.**
Send us your cattle and horse hides.
Write for shipping tags and booklet.

Jacob Bayer and J. A. Smith, Props.

12. C. R. Chinn, Golden, Ill.	70.00
13. Same	80.00
14. C. C. Creamer, Huntsville, Ill.	25.00
15. W. A. Peck, Tecumseh, Neb.	60.00
16. W. R. Turner, Shelbyville, Mo.	57.70
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VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

LAMENESS.

I have a gray horse eight years old, weighing 1,300 pounds, that is lame in his right leg. I think it is in the shoulder. I have put a seton in shoulder two different times and when I do this he gets over his lameness, but when the wound heals it comes back. He steps with his foot forward and when he picks it up he rolls it back. He has been a little lame for six months and there appears to be fever in the shoulder joint.

'Clip hair from shoulder joint and blister severely with cerate of cantharides; then allow one month's rest in box stall.

COUGH—TUMOR—DIRT EATING.

(1) I have a spotted cow four years old that has been coughing for two or three months. I thought perhaps it was caused by the hot weather, there being no shade in the pasture, but she still keeps it up. She looks well and has a good appetite. Her bowels seem to be regular and also her kidneys. I fed her a little corn all summer, as the pasture was short. What can I do for her? (2) I also have a sow that has a bunch in one of her teats. It came there about two months ago when I weaned her pigs. It is about the size of a man's fist and is all raw on one side. What can I do for it? (3) What do pigs want when they eat dirt? Is it a sign they have worms? If so, what can be done for them?

(1) Have the cow tested with tuberculin, for should she be proved by this test to have tuberculosis, you would not want to use her milk or have her among your cattle. For cough, you would find ounce doses of glyco-heroin highly effective, but no medicine should be given in a chronic case of cough in cow before testing with tuberculin. (2) The tumor is due to the fungus known as "actinomycosis," causing lumpy jaw. It would be best to have it cut out by a veterinarian. (3) Dirt eating indicates depraved appetite, and may well indicate presence

of worms or other cause of indigestion. Stop feeding corn and substitute a nitrogenous ration including middlings, tankage and flaxseed meal. Give a teaspoonful of turpentine in milk or slop three mornings in succession for each eighty pounds live weight of pigs treated. Charcoal, wood ashes and lime should be freely supplied to all hogs.

WORMS.

Please give remedy for worms in young shoats through your Veterinary Department. They cough considerably. I have fed stock food and other remedies, but to no avail.

Give the pigs three mornings running a teaspoonful of turpentine per eighty pounds live weight. Mix the medicine in slop and the pigs will take it readily if hungry. Sulphate of copper may also be used as so often advised in the columns of this paper. In connection with the treatment of worms, care also should be taken to perfectly cleanse water and feed troughs; also to clean up, disinfect and whitewash the pens. Clean quarters for hogs tend to prevent worm trouble.

SPLINTS.

I have a bay mule two years old that has a bunch on the inside of each fore leg; the bunch is two or three inches long and one inch wide and is hard. It has been coming on for the last six months. Can you give me a remedy?

Although you do not say so, we presume the "bunches" are located just under the knee, on cannon bone, and in that case they would constitute splints and we would advise you to treat them by clipping off the hair and painting with tincture of iodine every other day. When skin becomes irritated, stop painting and apply lard once daily until skin is sound again, when the painting may be commenced again if found necessary.

LAMENESS—TUMOR.

I have a gray mare eleven years old that has a colt four and a half months old. A mare kicked her while working on the binder two months ago and the left hind leg swelled some next day from hoof to knee. In a couple of days the swelling was gone. In about a week she began to limp. The trouble seemed to be in the hip; then the whole leg seemed to grow gradually stiff and swelled some above the knee. Four weeks ago I called a veterinarian and he said it was a sprain in the hip. He used a blister. The swelling is going down, but leg is stiff and muscles of the leg are shrinking badly. The mare runs in the pasture and eats well, but is thin. I am not feeding grain. What can I do for her? Shall I feed grain, wean the colt and keep her in when cold and wet? I was afraid to keep her in the barn. Shall I keep her in at night? (2) I have an eighteen-months-old red steer that had a round lump the size of a small plum under its jaw when born. It has always been healthy and grown well. The lump is now as large as a goose egg, is round and seems all on the outside. There is no other swelling. It is about half way from the nose to the throat. The lump hangs down as in a sack and is about as hard as ordinary flesh. Can I remove it?

(1) Wean colt and feed mare well on oats and hay, adding a bran mash twice a week and giving carrots if obtainable. The recent swelling of the leg probably was due to lymphangitis from standing in barn for a day or two while heavily fed. Have her teeth put in order by veterinary dentist. Stop treatment of leg. If lame when in good condition remove hair from hip joint district and blister well with cerate of cantharides. (2) The tumor may be a "cyst" filled with hair and sebaceous matter. If it can be pulled away from skin so that a string could

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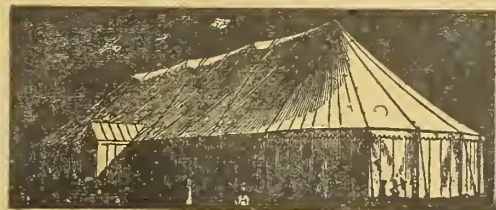
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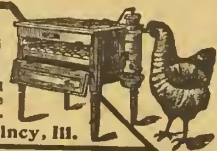
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BIG set on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred.

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POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

FLESH CONDITION OF FATTED FOWLS.

In fattening fowls it is necessary to know the influence of feed on the system, because if this is not known and provided for, there is a probability that mistakes will be made, or that the best results will not be obtained. It is possible to add greatly to the weight of fowls by feeding food that is rich in carbo-hydrates, like corn, but the results are often unsatisfactory. The oily, yellow fat produced by feeding corn is objectionable in appearance, and if a bird so fattened is roasted, a greater part of it is lost in the dripping pan. It is not thought desirable to add fat to the system beyond a certain degree.

The food employed chiefly in England consists of ground oats. Not oat meal or partially-ground oats—the oats, hull and all, are ground to the fineness of flour. In Belgium, the feed consists of ground buckwheat, and in France it is ground barley. Of the ground oats a great deal can be said in its favor. It contains 6 per cent of fat and plenty of phosphates or limey matter, which go far towards whitening the flesh. Buckwheat ground is not considered quite so good. It is rich enough in carbo-hydrates, but lacks in albuminoids, or flesh-forming elements.

In the countries named where fowls are being prepared for market the flours named are always mixed with milk, but not made sloppy. In England skim milk is used, and also in some parts of France, but in other localities the whey is used for the purpose of mixing the feeds. The butter fat of whole milk is not required.

In all the feeding processes, fat is added to the milk during the last ten days, the object being to soften the flesh and by causing a distribution of the globules of fat throughout the tissues, making it much more palatable and likewise increasing the weight.

PLAN OF POULTRY HOUSE.

Mr. James A. Dvorsky, of Iowa, writes: "Can you publish some sketches of poultry houses and give some information as to the construction of a handy house about 16x18, or larger? I desire to build a house that is easy to keep clean."

We present herewith two illustrations showing the exterior points of construction



tion and also some points as to ventilation without which it will be impossible to keep the houses sweet and clean, no matter what the arrangement of roosts and dropping boards.

In the first illustration will be seen a perspective view of a house that can be built of the size mentioned by Mr. Dvorsky, or it can be built larger. In building this house we would put the lower side, containing the four half windows, on the south side and would have the entrance door in the east if possible. The scratching portion of the house of the day quarters of the fowls when confined in bad weather should be next to this row of windows and the roosts with dropping boards on the other side and also the nest arrangements. The door should be provided with screen, shown in the illustration, which can be covered with boards or tar paper in the winter. In summer by having the door constructed in this manner it will exclude vermin and at the same time admit of cool air so necessary during summer nights.

In the second illustration can be seen a common method of construction, the houses being seven feet high in front and four in the rear, making them ten feet wide and long enough to hold all the fowls that one wishes to keep. As many windows as may be necessary can

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Is your throat raw?
Do you sneeze often?
Is your breath foul?
Are your eyes watery?
Do you take cold easily?
Is your nose stopped up?
Does your nose feel full?
Do you have to spit often?
Do crusts form in your nose?
Are you worse in damp weather?
Do you blow your nose a good deal?
Are you losing your sense of smell?
Does your mouth taste bad mornings?
Do you have a dull feeling in your head?
Do you have pains across your forehead?
Do you have to clear your throat on rising?
Is there a tickling sensation in your throat?
Do you have a discharge from the nose?
Does the mucus drop in back of throat?

Answer the questions I've made out for you, write your name and address on the dotted lines in the Free Medical Advice Coupon, cut them both out and mail to me as soon as possible. I will cost you nothing and will bring valuable information. Address Catarrh Specialist SPROULE, (Graduate in Medicine and Surgery, Dublin University, Ireland, formerly Surgeon British Royal Naval Service), 413 Trade Building, Boston.

Don't suffer with Catarrh any longer! Don't let it destroy your happiness—your health—your very life itself.

Don't waste any more time—energy—money, in trying to conquer it with worthless nostrums.

Don't think it can't be vanquished just because you have not sought help in the right place.

Write to me at once and learn how it can be cured. Let me explain my new scientific treatment—perfected by myself—used only by myself. Thousands of persons, many of them living right near you, testify it has cured them absolutely—completely—permanently.

Catarrh is more than an annoying trouble—more than an unclear disease—more than a brief ailment. It's the advance guard of Consumption. Neglected Catarrh too often becomes Consumption. It has opened the door of death for thousands. Take it in hand now—before it's too late.

I'll gladly send you a careful diagnosis of your case and give you free consultation and advice. It shall not cost you a cent.

LET ME TELL YOU JUST HOW TO CURE CATARRH

Let me show you what I'll do for you entirely without charge. Thousands have accepted this offer—today they are free from Catarrh. You've nothing to lose and everything to gain. Just for the asking you'll receive the benefit of my twenty-one years of experience—my vast knowledge of Catarrh and the way to cure it.

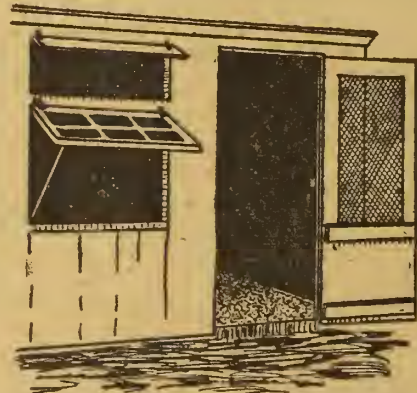
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ADDRESS.....

be put in houses of this character, the one in the illustration showing the manner of construction. The opening where the sash is located should be covered with poultry netting and the opening above the sash is placed there to assist in ventilation. The sash is also hung on hinges so it can be opened when necessary and may be propped up or fastened in any way ingenuity may suggest.



The later houses are built largely of rough lumber covered with building papers of various sorts. The roof is often made of tar paper or some other kind of roofing material that will make the house both dry and warm.

For purposes of cleanliness have a dropping board of some kind under the roosts placed in such a manner that it can be cleaned often and without much trouble. Provide plenty of light, but not too much so as to make a house too cold in winter.

A. J. Russell & Son's Duroc Sale.

Six successful sales now stand to the credit of this firm. The last, held at Young's Pavilion, Corning, Iowa, on October 27, 1906, brought out a large crowd of buyers largely from Iowa and Missouri. After an exhibit of a litter of Proud Advances the selling was started by Colonel Piper, assisted by Messrs. E. B. Piper and A. C. Mans-

field. The following is a list of animals that sold above \$25:

Lot.		Price.
3	Gilt by Proud Advance, E. A. Poush, Charlton, Iowa	\$2.50
2	Gilt by Proud Advance, E. A. Poush, Charlton, Iowa	52.50
1	Gilt by Proud Advance, E. D. Harris, Fontanelle, Iowa	51.00
6	Gilt by Proud Advance, Earnest Humbert, Corning, Iowa	60.00
6½	Proud Advance boar, Ralph Bristow & Youstin & Co., Corning, Iowa	100.00
5	Proud Advance gilt, S. R. Murphy, Savannah, Mo.	60.00
4	Proud Advance gilt, Frank Robison, Brooks, Iowa	70.00
12	Gilt, John Holster, Massena, Ia.	50.00
11	Gilt, S. R. Murphy, Savannah, Mo.	40.00
46	Gilt, D. C. Moles, Bedford, Iowa.	25.00
68	Sow, Ralph Preston, Corning, Ia.	39.00
29	Gilt, S. L. Hoppes, Neola, Iowa ..	25.00
57	Gilt, R. Preston, Corning, Iowa ..	28.00
51	Gilt, J. W. Rollins, Tarkio, Mo.	30.00
52	Gilt, G. M. Harum, Holton, Kan.	26.00
60	Gilt, J. S. Moffett & Sons, Prescott, Iowa	25.00
67	Gilt, J. W. Rollins, Tarkio, Mo.	43.00
48	Boar, B. S. McMiller, Nodaway, Ia.	25.00
47	Boar, Geo. Miller	25.00
17	Gilt, S. W. Swanson, Stanton, Ia.	36.00
15	Boar, L. L. Overholser, Diagonal, Iowa	60.00
69	Sow, E. A. Poush	44.00
13	Gilt, E. A. Poush	36.00
9	Boar, F. Lahr, Corning, Iowa ..	33.00
8	Boar, P. J. Bunting, Corning, Ia.	27.00
19	Boar, Osborn & Son, Bedford, Iowa ..	29.00
10	Boar, F. Lahr	33.00
23	Boar, J. A. Mason, Corning, Iowa.	25.00
55	Boar, L. Snyder, Prescott, Iowa.	37.00
16	Boar, F. A. Hall, Corning, Iowa ..	24.00
43	Boar, C. Kennedy, Nodaway, Ia.	25.00

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 6th to March 31st THE CHICAGO, GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Onelda and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Transplanting Large Trees.

To the Editor of The Homestead:

Of late years the transplanting of large trees has passed from the experimental stage and can be undertaken with as much assurance of success as any other tree planting venture. In all large cities there are persons who make a business of this work, and landscape gardeners have arrangements with these tree-movers to put in large trees wherever their plans are adopted calling for them.

Moving trees which are too large for ordinary transplanting does not require more than ordinary care and skill and can be done by anyone having the necessary equipment. There are details, however, which must be attended to carefully and upon which the success of the venture depends.

The method is to remove the tree with a sufficient block of earth upon the roots so that it will not suffer by reason of the disturbance to the root system. Ordinarily the work must be done when the ground is frozen, and that is the only way to get sufficient earth to cling to the roots. A trench three or four feet deep is dug around the tree at a sufficient distance to allow a good portion of the roots to remain intact. This is done as late as possible before the ground freezes, and as a matter of convenience the hole which is to receive the tree is also dug at this time. As soon as the block of earth surrounding the tree is frozen sufficiently, it is broken off and preparations made for removing it to its new location.

The common method is to set a pair of trucks on either side of the tree or to remove the reach from a strong wagon and place the wheels in that position.

Two heavy timbers are laid across from truck to truck, one on either side of the tree. The lifting is done by means of log chains and jack screws or block and tackle. Where a strong derrick is available very low trucks may be used and the tree raised high enough to allow the roots to rest upon the timbers. Otherwise, the wheels must be high enough to allow the tree to be suspended with most of the block of earth below the timbers. It is often expedient where the trees are quite large to use three sets of trucks and make a triangular formed rack instead of using only two of the timbers.

In adjusting the chains care should be exercised to put them on so they will not slip off. When everything is ready the tree is raised as high as necessary, secured so it will ride safely and removed to the place where it is to be transplanted, where a hole has been prepared to receive it.

In filling in around a transplanted tree, the earth should be packed in as firmly as possible. This for two reasons, namely; the roots have been necessarily exposed to more frost than ordinarily, and if the earth is made firm they will soon thaw out and resume their natural condition. Again, the roots will dry out badly if they are left exposed. The work should not be done on a very cold day, as there is much danger of the branches of the tree breaking if they are frozen through. If any pruning is needed by a tree which is to be removed, it should be done in the fall before hard freezing weather and the wounds carefully covered with a thick paint made of linseed oil and white lead.

Polk County, Ia. Franklin Brown.

Making Home Attractive.

Do you love music? Do you enjoy entertainment? Do you want to make the home cheerful? Are the advantages of the concert, the lecture course, or the recital out of your reach? If such is your case then do not become discouraged with your lot. There are hundreds and



HEAT YOUR HOUSE STORE, CHURCH or SCHOOL HOUSE WITH

Bovee's Compound Horizontal Furnace Radiator 11 YEARS on the MARKET.
THOUSANDS IN USE. BURNS ANY KIND OF FUEL.

Having BOVEE'S Improved Hot Blast Ventilating System and Return Circulating Radiator, which gives perfectly pure air and saves One-Third of the Fuel. Any handy man can properly install one of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first-class. We can save you 40 per cent on the cost of your heating plant, our price being but little more than good stoves. Send for catalog. We have the largest and best line of furnaces in use, including our Celebrated WATERLOO Furnace, complete for \$43. Manufactured and Sold by the BOVEE GRINDER & FURNACE WORKS, WATERLOO, IOWA.

hundreds of people in a similar position. They are over-coming these drawbacks daily. Would you know how? Their solution of the situation is no secret. In fact, they are proclaiming it to the world daily in letters paying high tribute to the Edison Phonographs. Mr. Edison's latest improved machines combine all the new and important features of phonograph construction. You can now select from fifteen hundred records which will insure you a choice collection. Waltzes, marches, concert pieces, minstrel dialogues, vocal solos, speeches and lectures can all be reproduced from the best artists and speakers in the world right in your own home. The means of obtaining one of the phonographs is within the reach of all. A free trial is now offered, and if everything proves satisfactory the payments may be made in instalments. If interested write for catalog and list of records to Frederick Babson, Suite 3248A, 149-150 Michigan Ave., Chicago, Ill. The advertisement appears on page 7. In writing please mention this paper.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

CAGWIN'S HUSKERS LINIMENT

Cures the lameness and strengthens the muscles without injury to the skin.

"It's all right; send me 1 dozen 25c bottles." Geo. Hardy, Nokomis, Ill., R. F. D. No. 2.

If your dealer hasn't it send 25c 50c or \$1 and get the kind that is shown in cut, for it "Makes Husking Easy."

Joel E. Cagwin,
AMES, IOWA.

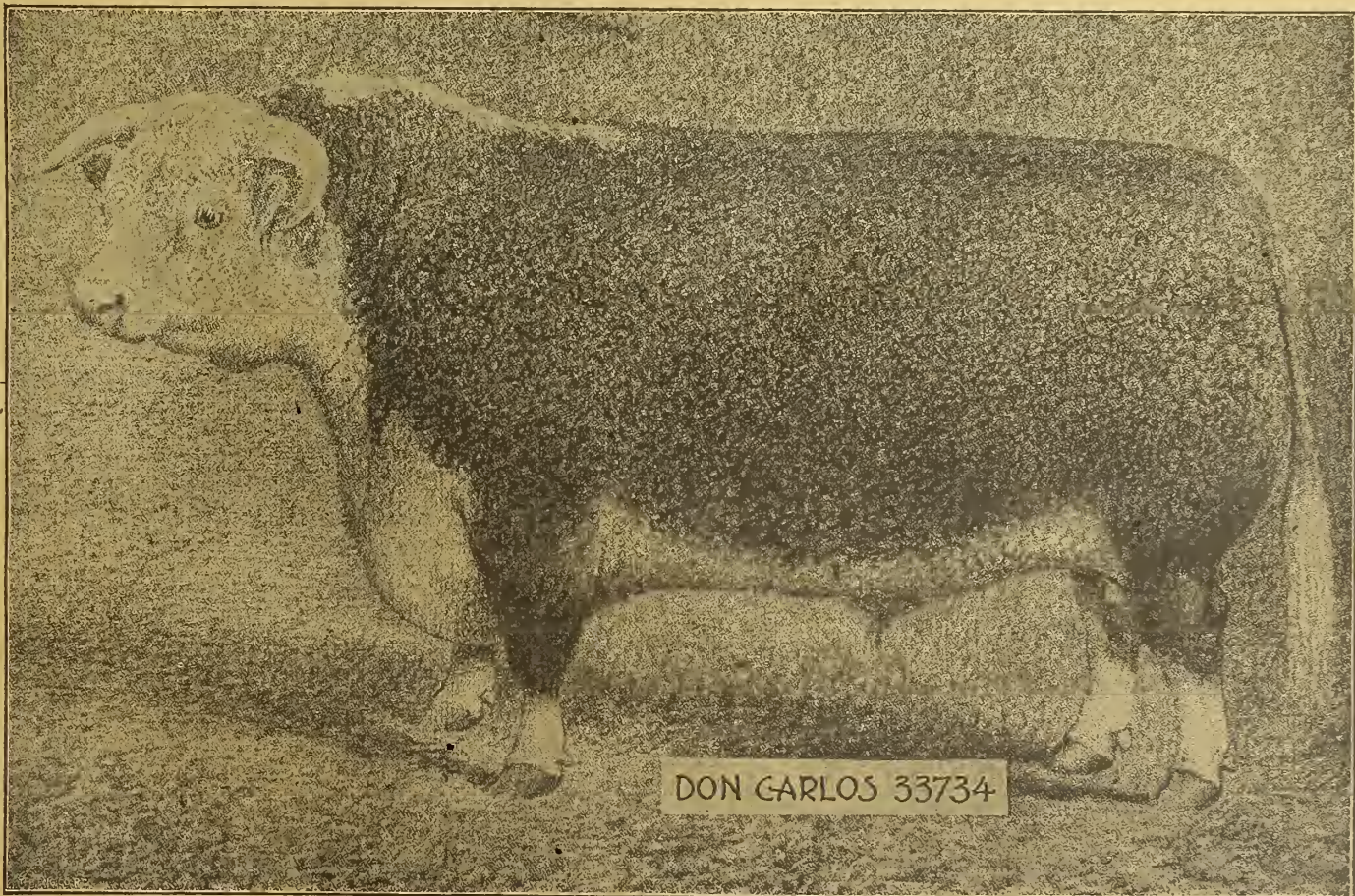
STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bro's, Louisiana, Mo.

FOR SALE Half interest or all of a good paying Business; situated in a good college town in Eastern Iowa. Reason for selling leave other business interests. This is a good proposition and will bear investigation. Add W., care Homestead, Des Moines, Ia.

SALESMEN WANTED TO introduce Burlank's wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

\$90.00 GIVEN AWAY and \$100.00 made yearly, for life, from only \$10.00. Best references, no scheme, absolutely safe. A conservative business proposition. Card brings full particulars. Box 544 G., Elkhart, Ind.

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.



DON CARLOS 33734

For ten years Don Carlos 33734 (the subject of the above illustration), the greatest son of Anxiety 4th, did service in the herd of Herefords owned by Messrs. Gudgell & Simpson, of Independence, Mo. It was in 1893 when seven years of age that Don Carlos was first brought into prominence through the showing made by himself and his get at the Chicago World's Fair. Some 200 of his sons and daughters were also commanding the attention of all lovers of the "white face." Messrs. Gudgell & Simpson realized that Don Carlos would not live forever, and to succeed him in the herd his best son, Beau Brummel, was selected and reserved. His record as a sire was even greater than was the record of Don Carlos and Anxiety 4th. When mated with the get of his sire and grandsire Beau Brummel produced some of the greatest bulls and cows known to the breed. This convinced Messrs. Gudgell & Simpson that the concentration of the blood of Anxiety 4th was necessary in order to perpetuate the more modern type of Hereford, hence sons and grandsons of Beau Brummel have been retained in the herd, used on the get of their sire, grandsire and great-grand sire with such good results that in the big shows of today more of the blood of Anxiety 4th concentrated through sires and dams is found than is found of any other strain. On Tuesday, November 27th, at South Omaha, Neb., fifty head of these Anxiety-bred Herefords will be offered by Messrs. Gudgell & Simpson. See page 40 for advertisement.



... \$2.00 ...



AND THIS ADVERTISEMENT WILL SECURE YOU THE

Des Moines Capital

FOR THE YEAR 1907.

This is the Capital's Ninth Annual Bargain Day Offer (Good this Year from December 21st to 28th inclusive).

THE REGULAR PRICE OF THE CAPITAL IS \$3.00 A YEAR

TO secure the above offer, simply make your remittance on any day during the week of December 21st to 28th inclusive, the anniversary of Iowa's admission to the Union as a State. Money may be sent by check, draft or postal money order. The Capital is Iowa's greatest daily newspaper. Sample copies will be sent upon application. We urge our readers to take advantage of this wonderful newspaper offer. Address,

..... THE DES MOINES CAPITAL, LAFE YOUNG, PUBLISHER

**WRITE YOUR NAME
AND
ADDRESS HERE.**

Name _____

Post Office _____

Street _____

**ARE YOU NOW
A
SUBSCRIBER?**

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

BREEDING SEASON.

The breeding season is now fairly upon us. Ewes that are mated to a ram in the month of November will yearn in April; to be accurate in this it will require a computation of twenty-one weeks after mating.

It is essential that ewes are in good flesh or in what is known as "coming flesh" when they are bred. Indeed many shepherds resort to what is called "flushing" or forcing them with a rich diet. This brings the sheep up in flesh very rapidly after the period of suckling lambs and it is claimed that they will come in heat earlier and will be in a condition to withstand the ordeal of producing the next lamb crop.

We cannot let the breeding season go by without saying a few words about what should be bred. Experience has taught many sheep men that it does not pay to breed ewe lambs. In all flocks an occasional ewe lamb will become suf-

ficiently mature to yearn a lamb in the spring and all may go well, but where one ewe lamb like this can be found there will be several that will not be sufficiently matured. Try to have enough older ewes so that the ewe lambs can have another year's growth before breeding.

Old ewes that have lost their teeth will not be in as good condition as they should for breeding unless they are given extra care. Such ewes will require extra care all through the period of gestation that they may come to the lambing season in good condition. Sheep with spoiled udders should be sent to the shambles or the fattening pen. They cannot rear a lamb. All broken-mouthed and spoiled-uddered ewes should be put into the fattening pen.

THE SELECTING OF THE RAM AND HIS CARE.

Aside from breed characteristics, the ram should have a wide, deep chest. The front legs should be wide apart and in length should be short and the bone heavy. If these qualities come up to the desired point, it is safe to guess that the remainder of the body will be right. The head of the ram should be broad, heavy and thick, possessing masculine qualities and a good neck is pretty sure to go with such a head.

Size should be a matter of some consideration if common sheep are to be improved. A pony ram sometimes produces rangy lambs but more often they fail to do so. A good, large, rangy ram is an animal to be desired if the breeder is after the lamb that goes early to the market. In the selection of a ram for mutton it is unwise to ignore fleece qualities. We would not recommend a selection of a poor ram with a good fleece. Under no circumstances would we want to use a ram with a long neck, narrow chest, pale skin and with dirty teeth. We do not like to have to reduce rams for service. We would not care to take the risk of purchasing an over-fat ram.

The ram will not eat as he should, in breeding season, unless he is managed carefully. If confined in a lot by himself, another lot contiguous to it should be provided where such ewes that come

Now or Never

same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, F. C. THACKABERRY.

NO. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Ewe lambs at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same Ram for sale, 130 to 175 lbs. weight. Herd Boar 81697, by Chief Perf. 2d 42559, also took 2d at same fair this year. My Poland Chinas are easy feeders and bulky fellows. For prices write, F. C. THACKABERRY.

FAIRVIEW STOCK FARM, TAMPIO, ILL.

in heat will congregate. These can be bred and turned into a separate lot. Two to four ewes can be bred in a day and when given one or two services they should be removed to the "bred" flock. Where there are but a few ewes to be bred, the plan of turning in the ram at night may be as good as any. Some even take the chances on letting the ram run with the breeding flock all the time. During breeding time the ram should have the most palatable and nutritious food possible. He should be induced to eat a good deal or he will run down in flesh.

One breeder keeps his ram up and each morning he is turned into a pen of ewes. When those in heat have been served they are marked with a little paint to indicate they have been bred. Each week the color of the pigment is changed, so that the week they have been bred can be determined. This breeder likes to turn the ram into the pen of ewes better than turning the ewes into the ram. Managed in this way a vigorous ram will serve forty to fifty ewes.

The Voge Duroc Sale.

The recent sale of Duroc Jerseys belonging to Mr. August Voge, Portsmouth, Iowa, was very satisfactory in every particular, and an average of over \$30 was made on the entire offering. A good local crowd was on hand and a good outside attendance. The top price of the sale was for a son of old Top Notcher, No. 1 of catalog. He went to Mr. E. B. Ryan, Neola, Iowa, at \$152. Mr. R. M. Skilling, of Greene, Iowa, came to buy this pig and ram him up to that price. The second highest-priced boar in the sale was No. 26 of catalog. He was a son of the noted prize-winning boar, Junior Jim, and out of a daughter of Golden Perfection, a sow purchased of Mr. Austin Renshaw, Blair, Neb. He went to Messrs. Wellman Bros., Neola, Iowa, at \$72. It was a splendid offering, and Colonel Luther says was one of the best that he has sold this year. Below we list those selling for \$20 and above:

Lot.	Price.
12 Lee Hopper, Neola, Iowa	\$55.00
20 Aug. Sunnland, Harlan, Iowa	25.00
32 L. S. Motter, Woodbine, Iowa	24.00
1 E. B. Ryan, Neola, Iowa	152.00

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy ram and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs., champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros. Kellerton, Ia.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to lead the choicest herds; also 15 young Scotch bulls from 10 to 15 months old. Public sale at Kansas City of 300 Shropshire ewes, November 14th. GEORGE ALLEN, LEXINGTON, NEB.

COTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my Imported Percherons, English Shires and Belgians stallions at \$1,000 each. A. LATIMER WILSON, CRESTON, IA.

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation. D. M. NORTON, Sunborn, Iowa.

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

2 J. C. Winslow, Neola, Iowa	41.00
36 R. M. Skilling, Greene, Iowa	53.00
6 Jno. Fuhs, Portsmouth, Iowa	25.00
3 J. F. Findley, Harlan, Iowa	26.00
23 Geo. Walker, Persia, Iowa	20.00
26 Wellman Bros., Neola, Iowa	72.00
9 J. R. Tupper, Woodbine, Iowa	45.00
14 Max Martens, Portsmouth, Iowa	21.00
3 J. G. Winslow	40.00
17 J. F. Powers, Persia, Iowa	25.00
21 F. L. Scott, Portsmouth, Iowa	20.00
11 P. M. Caughlin, Portsmouth, Iowa	22.00
25 F. W. Peterson, Logan, Iowa	23.00
10 Henry Steffen, Portsmouth, Iowa	23.00
4 Lee Hopper	35.00
34 C. F. Drier, Portsmouth, Iowa	21.00
28 W. W. Wheeler, Harlan, Iowa	20.00
5 J. M. Nash	22.50
19 F. W. Pittman, Persia, Iowa	22.00
7 Henry Kuster, Persia, Iowa	30.00
13 J. F. Powers	25.00

Average \$30.14 on thirty-six head.

You never saw a saw which saws like this saw saws

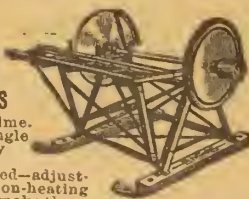
and last of all time. Frame of heavy angle steel strongly braced—absolutely no shake. Patented—adjustable, dust-proof, non-heating oil-boxes, etc. We make these

Appleton Wood Saws

in 6 styles—strong, simple, safe and successful—and we make a 4-wheel mounting for wood saws and gasoline engines which is unequalled for convenience and durability. Saw your own wood and save time, coal and money—then saw your neighbors' wood and make \$5 to \$15 a DAY. We make the celebrated

HERO FRICTION FEED DRAG SAW nothing like it—no other so good. Also feed grinders, shellers, fodder cutters, huskers, manure spreaders, farm trucks, windmills, etc., all guaranteed full Appleton Quality. Catalog free for the asking. Ask for it now.

APPLETON MANUFACTURING CO.
29 Fargo Street
Batavia, Ill., U. S. A.



ADVERTISING NOTES.

Iowa farms, good ones, for sale or for rent by the Allen Land Company, of Laurens, Iowa.

For good corn and wheat land in Nebraska, read the advertisement of Mr. C. W. Lindsey, of Wilson, Neb., which appears on page 22 of this issue.

The Schmeltzer Arms Company, of Kansas City, Mo., have an advertisement on page 4 of this issue of The Homestead that will be of especial interest to any of our readers who devote any of their time to hunting. This company have just issued a large catalog which is No. 932. Write them for it. It will be sent free.

If looking for land, before buying read the advertisement of Mr. L. P. Sargent, of Gibbon, Neb., who has a proposition to offer to Homestead readers in land around Gibbon, Buffalo county, Neb., the center of the Wood River Valley country. He would like to have those who are interested visit him or write for his new list of well-improved farms which he has for sale.

A half interest or all of a good paying hardware, plumbing and heating business is offered for sale in the advertisement appearing on page 13 of this issue of The Homestead, the address of which is W. care of Homestead, Des Moines, Iowa. The reason for placing this stock on sale is that the proprietor has other business interests which compel him to dispose of it.

There are a great many young men leaving the farm nowadays to seek a place in other lines of business. Their inexperience is often a hindrance to success. The man with some knowledge of the business he is about to enter has many advantages over the man not so prepared. Preparation often means success. That is why there are so many training schools for professions. The National Railway Training School, Inc., 21F, Boston Block, Minneapolis, Minn., are offering a good proposition to prospective firemen and brakemen. They give instruction by mail in your own home. They assist you to a position also. See their advertisement on page 16 and mention The Homestead when you write them.

On page 23 of this issue will be found the advertisement of the W. F. Smith Realty Company, of Kearney, Neb., in which they offer western Nebraska lands for sale at prices ranging from \$3 per acre to \$12 per acre. They state that they can supply everyone who is looking for western lands. If a farm or ranch near Kearney will not suit the purchaser, this company can sell him a farm or ranch further on west. They say: "We will have an advertisement in The Homestead at all times and can sell Homestead readers the cheapest lands in the West. We always have a large list of western and central Nebraska lands which we can sell at prices that defy competition. All of our lands are sold on easy terms." Read the advertisement and write Messrs. Smith for their price list of bargains.

EASTERN OKLAHOMA.

With this issue we are starting the advertisement of Messrs. H. C. Pouder & Co., of Perry, Okla., dealers in real estate. They are offering genuine bargains. Look up their advertisement on page 23. They have a neat folder describing Oklahoma and Noble county. Write them. They will gladly send you one. When you write them please say you saw their advertisement in The Homestead.

EXCURSION TO TEXAS.

In this issue Messrs. Boyer & Peterson, of Kansas City, Mo., are advertising excursions to the Panhandle of Texas. This firm have some very fine tracts of land in the Panhandle and are selling them cheaper than the market price. In fact this firm do not ask so much for their lands, which are near the railroad, as others are asking for land a long distance from railroad. It is certainly a big advantage to the buyer to be near the station when grain and stock are to be marketed. Look up Messrs. Boyer & Peterson's advertisement in the Land and Homes department on page 22 and write them if interested in Texas lands.

FARMING AN INEXACT BUSINESS.

Farming is an exceedingly inexact business even when carried on in a scientific manner. Much has been done in the last decade to change conditions on the farm. The farmer now may know quite accurately "where he is at" in many operations. A good scales should be owned by every progressive farmer. It is one of the best business propositions. In this day of careful feeding of animals it is highly necessary to know what gains are being made. To know when to sell and what stock weighs when leaving for market. Learn the weight of grain, hay and everything that leaves the farm. What if the merchant sold goods to be weighed on the purchasers' scales? A Howe Scale, made by

the Howe Scale Company, 50-52 Lake St., Chicago, Ill., will help you to farm more accurately. Their scales have been standard for a half century. Turn to their advertisement on page 9 and please mention The Homestead when writing them.

"PROOF OF THE PUDDING."

Our readers will find in this issue an announcement of the Swain Medicine Company, of Kansas City, Mo., offering to send a fifty-cent box of Swain's Backache and Kidney Pills to anyone who will send ten cents for postage and packing. This is practically giving away a fifty-cent box of this excellent remedy to prove its merits in the cure of all diseases of the kidneys. The remedy is endorsed by physicians and others as being first class. Read this advertisement on page 7 and send for a box.

A BALL-BEARING FEED GRINDER.

The old, slow-working, heavy-draft feed grinder is a thing of the past. Ball bearings have worked wonders in these machines. Twenty per cent more work can be done in the new way. This is the claim that Mr. G. M. Ditto, Box 12, Joliet, Ill., makes for his latest triple-gear ball-bearing grinders. You simply send for one, try it ten days and if it's what it is claimed to be, keep it; if not, you may return it. Now that's fair. Write for the new catalog. See page 10 and please mention this paper when writing.

THE POOR MAN'S COUNTRY.

To those who are living on rented farms or who have only a small tract of land in Iowa or other northern states we wish to say that the south Missouri country offers a chance to make more money without so much worry and hard work. In this issue will be found the advertisement of the Davis Bros. Realty Company, of Kansas City, who are selling land in Pulaski county, Missouri, at from \$5 to \$15 per acre. Land that grows the finest fruit, vegetables, good corn, grass, etc., is surely cheap at this price. Look up their advertisement on page 22.

EASTERN KANSAS FARMS.

We call the attention of our readers to the advertisement in the real estate columns headed "Eastern Kansas Farms" by the firm of Messrs. W. H. Slaughter & Co. The last two or three years have been favorable seasons for the cheaper western land and land buyers have passed over this country for speculative fields. This firm base their preference for their country in the fact that theirs is the home of all tame grasses; that on the return of the dry seasons to the far western lands this rain belt region with its comparatively low prices will be the best thing to be found in farm lands.

NORTH-MISSOURI FARMS.

Among the announcements in the Lands and Homes department will be found that of Mr. Alvin C. Frisbie, 401-B, N. Y. Life Building, Kansas City, Mo. Mr. Frisbie has recently removed to Kansas City and wishes to invest his money in property there. He owns nine farms in north Missouri which he is very anxious to sell and will close them out at bottom prices. Mr. Frisbie is an absolutely reliable man, having been postmaster at Stanberry, Mo., and will give anyone wanting a farm an opportunity to get one for less than its actual value, as he must sell these places to carry out his plans. Write him.

IOWA FARMS FOR SALE AND FOR RENT.

That is the heading of an advertisement appearing on page 22 of this issue of The Homestead that every reader who is considering the advisability of buying or renting a farm in the near future should read. The Allen Land and Loan Company, of Laurens, Iowa, have a number of farms ranging in size from 160 to 320 acres that they are offering for rent for two-fifths of the crop and \$2.50 per acre for pasture and meadow. They also have a number of farms that they are offering for sale at very reasonable prices and on easy payments, possession to be given next March. They have over 100 bargains for cash, right in the corn belt of Iowa, where land is advancing in price. Write them today for catalog and maps, which will be sent free.

HOME, HOME, SWEET HOME.

"How dear to our hearts are these precious words," write Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo. "We have some lovely homes for someone. The land is good, the location ideal and we are going to make someone happy by selling them a beautiful home. Now we are getting letters in every mail asking about these homes. We answer them cheerfully, but it keeps us rustling to find time to answer them all. We have a great many who have promised to come soon and see these farms, but remember the lucky man will be the one who gets a warrant deed from us before the other fellow comes. We could rent these farms every day in the week, but we want to sell, not rent. Everything looks favorable at Elm Grove Stock Farm. We just finished shredding all our fodder, and the big, lusty Short-horn calves, that are coming every day, will certainly not go hungry for a while at least. We have twenty of the best Short-horn hinds we ever raised. Half of them are Cruickshank and extra good ones. Please look up our land advertisement on page 23, and, if interested, write us at once, describing what you want and don't forget to mention The Homestead."

HATCH CHICKENS BY STEAM.

Hundreds of men and women are making money raising poultry for market—why not you? There's money to be made in raising poultry for market. Any man or woman can soon establish a business of their own, and their otherwise unprofitable hours can be put to account with handsome dividends as the result. It doesn't require a great deal of money to start in the poultry business. Even if you have but a small patch of ground you can make it pay. In fact, a warm cellar or garret, and a good incubator, are all you need to start with. If you are interested in poultry raising, write to George H. Stahl, Quincy, Ill., and get a copy of his interesting book on this subject, and which also gives valuable information regarding the growing of incubator chicks for market. This book is sent absolutely free to those who write for it. Mr. George H. Stahl is widely known as the manufacturer of the famous Excelsior and Wooden Hen incubators. These incubators are recommended by leading poultrymen as being the leaders where results are considered, and they are guaranteed by the manufacturers to hatch a larger percentage of fer-

tile eggs at lower cost than any other hatcheries. The Excelsior and Wooden Hen incubators, when in use, require only five minutes' daily attention. They are the simplest, most perfectly self-regulating and lowest priced incubators made, and thousands of them are today in successful use.

NOBLE COUNTY, EASTERN OKLAHOMA.

The home of the happy farmer, is one of the best counties in the new state. It is there that the products of the North are grown successfully. The crops which are grown in Noble county are corn, wheat, oats, cotton, kafir corn, broom corn, melons and all varieties of vegetables. Mr. A. W. Tucker, who has been a resident of Noble county for thirteen years, is offering some choice bargains in farm lands in this section of the new state. Mr. Tucker resides in Perry, the county seat, a thriving city of 5,000 people. He has an advertisement in this issue on page 22. Write him for list and other particulars. Please mention this paper when you write him.

IT REMOVED THE CANCER.

Mr. Harker Lovett, of Toronto, Kan., writes as follows about Gombault's Caustic Balm: "The Lawrence-Williams Company, Cleveland, Ohio: I have used Gombault's Caustic Balm more or less for about twelve years and have had much success. The last bottle saved me about \$14 in my stock, and I fully believe that it cured a small cancer on my wife's hand. My belief is based on personal experience, as my father had had a cancer on his hand a year before and this one was in every particular like it except not quite so large. The balm did the work and it has now been near eight months ago and no traces of it since. For proof of this statement you can write our druggist, Mr. Tom Finley, Toronto, Kan." All druggists carry this in stock. If yours does not, just write the Lawrence-Williams Company, Cleveland, Ohio, and they will tell you how to get it. Read the advertisement on page 27.

FOR GENUINE COMFORT.

For genuine comfort you want a comfortable shoe. Martha Washington's Comfort Shoes are a joy forever. We don't mean that a pair will last forever. But the fact that they are so easy makes it a constant joy to wear them. There is no "breaking in" period of misery for the wearer. Three styles make it possible to insure a perfect fit. The elastic at the sides expands and contracts with the natural motion of the foot. They are just the thing for house wear. They can be worn the year round, for there are different heights. There are no buttons or laces to bother with, which makes them easy to slip on and off. In fact, a pair of Martha Washington's Comfort Shoes are time savers, patience savers and money savers. A beautiful picture is offered on page 16 by the F. Mayer Boot & Shoe Co., of Milwaukee, Wis. It will be sent postpaid for the asking. Please mention The Homestead when writing.

SANTA CLAUS HAS A GUN THIS YEAR.

A special wireless telegram from the North Pole advises us that Santa Claus this year is loaded down with guns, not only for boys and girls, but for the boys and girls of larger growth—in fact, for all who enjoy a life in the open and who desire to train the hand and eye to accuracy in the wholesome sports of hunting and target shooting. We presume that Santa Claus has been stirred up particularly by the advertising of the Stevens rifles and shot guns that are appearing in our advertising columns about this time. If you will take a look at them you will not wonder why Santa Claus chooses Stevens firearms for his presents this year. If you are interested to learn about the wide range of manufacture in Stevens firearms, their high grade quality, popular prices and suitability for young or old of either sex, read the advertisements and send for the handsome Christmas catalog, which they offer. See advertisement on page 26.

SAVING MONEY ON FIRE INSURANCE.

Every little bit helps. "A penny saved is a penny earned." "No-Tar" Roofing will save you money. Not only on your fire insurance premiums, but in other ways. It is a fact that insurance companies generally give cheaper rates on buildings covered with "No-Tar" than on those not so built. Why? Because "No-Tar" is fire proof. Buildings have burned to the ground, but "No-Tar" has remained intact. If you doubt the fact, send for samples and subject them to any test you wish. A large manufacturing concern once did it. Their chief chemist could not make an impression on "No-Tar." It proved to be weather, water, acid, wear and fire proof, a quintet of qualities that give this brand of roofing an individuality of its own. The Heppes Company, of 2401 Fillmore St., Chicago, Ill., have made the problem of roofing material a study for years. They can now prepare "No-Tar" to suit any condition of climate. It neither melts and runs nor freezes and cracks. Put on simply, anyone can do it. The advertisement is on page 28. Write the company at the address given above, for samples, and mention The Homestead, if you please.

SASH, DOOR AND MILLWORK BARGAINS.

Messrs. Gordon Van Tine & Co., of Davenport, Iowa, are the largest manufacturers in the world of sash, doors, millwork and building material. Their catalog tells all about their own timber lands, their own sawmills, their factories, their enormous capacity, their guarantees of quality and safe delivery, and shows why they save 50 per cent over dealers' prices, no matter where you live. They sell by mail order only, and guarantee safe delivery and quality. To get the benefit of this saving, whether you are a contractor, carpenter or individual user, or whether you want a \$5 or a \$10,000 order; whether you are going to build a handsome home or put storm windows in the old home—first write for the catalog to Messrs. Gordon Van Tine & Co., Station 51, Davenport, Iowa. The catalog is illustrated, and one of the main features is a set of pictures and complete architect's plans for five houses of moderate cost, which in itself saves many a builder the expense of having plans drawn. Other features of this catalog, completely illustrated, are the tables of sizes and prices on front doors, grained doors, painted doors, storm doors, white pine doors, art windows, plain rail windows, storm windows, barn windows, base moldings, casing, sash, thresholds, lattice, moldings, hardwood flooring, window screen stock, door frames, window frames, gable ornaments, colonial columns, turned porch columns and porch newels, stair work, stair

BLACKLEGIDS

JUST A LITTLE PILL
•• THIS SIZE ••

placed under the skin
by a single thrust of
the instrument . . .

No Dose to Measure.
No Liquid to Spill.
No String to Rot.

SIMPLEST, SAFEST,
SUREST, QUICKEST
WAY TO VACCINATE
CATTLE AGAINST
BLACKLEG

Purchasers of 100 doses
get an injector FREE

For Sale by all Drug-
gists. Send for Free
Booklet.

PARKE, DAVIS & CO.
Home Office and Laboratories,
DETROIT, MICHIGAN.

newels, porch frames and rails, stair balusters, building paper, stepladders, window glass, glazier's supplies, art glass, etc. Write today and get your order in before prices go up.

SLICING CORN FOR STOCK.

One of the finest ways of feeding corn to cows and stock cattle is to slice or chop it into small pieces. The old way of doing this is to break the ears on the edge of a basket or bushel. It's a slow job and not very effectual, either. Just the ears that need to be broken up the most are broken only once or twice. Once you have tried a "Dean" Ear Corn Slicer you will know what a saving of labor it means. The work is also done better. It runs easy and cuts fast. See page 27 and learn more about this splendid machine that is made by the Enterprise Wind Mill Company, 24 Main St., Sandwich, Ill. They will willingly send prices.

"BUSINESS DAIRYING."

The above is the title of a valuable little book on the subject of dairying from a practical standpoint. The book is issued by the Sharples Separator Company, of Chicago, Ill. They desire every farmer and dairyman to have a copy which they will mail free with their catalog S-121. The triumphs of their separators are known in every dairy country and at every fair and exhibition. They make the Tubular, so called because the bowl is long and tubular in shape, which makes it very easy. Another strong feature is the low supply can, which a child can pour milk into. In fact, the machine represents a high degree of perfection throughout. Tubulars are thoroughly tested before leaving the factory and are sold under an unlimited guarantee. Look up their advertisement on page 9 and when writing ask for catalog S-121.

STOVE ADVICE FREE—HOW TO BUY A RIGHT STOVE AT A RIGHT PRICE.

It is an important matter, this choosing and buying a stove of any kind. There is no article in household use upon which hinges so much the happiness, convenience and comfort of the family as a range, cook stove or heater. So, one cannot get too much information on the best stove to buy, and the right price to pay for it. One of the largest stove concerns in the world—the Michigan Stove Company, of Detroit, Mich.—write that they have inaugurated an "Advice Department" in their business, under the management of an expert stove man. The business of this man is to give free advice to prospective stove purchasers as to the correct construction of a good stove and as to the right price to pay for it. It does not matter where you expect to buy a stove or what you expect to pay for it, you can take advantage of the "Advice Department" of this company, free. They issue eight books on the question of different stoves, as follows: Cast Ranges—Steel Ranges—Cook Stoves—Gas Ranges—Base Burners—Heating Stoves—Oak Stoves—and Gas Heaters. So, if you are thinking of buying a stove of any kind, we advise that before you make your purchase you write to the manager of the "Advice Department" of the Michigan Stove Company, Detroit, Mich. And on your postal ask for the book you want and tell them the kind of a stove you expect to buy. They have sent the editor of The Homestead all of these eight books, and he finds them full of good practical information on the question of each stove described. We advise our readers who contemplate buying a stove of any kind to write this company at once.

Hygeno

KEEPS THEM ALL HEALTHY

Every good Veterinarian urges frequent use of a coal tar disinfectant. HYGENO is the best coal tar disinfectant made—the best it is possible to make—nothing dirty, gummy, weak or watery about it, yet when prepared for use it costs only about one cent per gallon. HYGENO kills lice, ticks, scab, mites and all parasites on any animal; cures mange, itch, ring-worm, nettle rash and other parasitic skin diseases; destroys germs, foni odors, stomach worms, screw worms, grubs, etc.; heals galls, wounds, cuts, scratches, sore mouth and similar injuries and diseases. HYGENO is endorsed by leading sheep, hog and cattle breeders, horse owners and poultry and pet stock fanciers. Free booklet tells why. Write today, we will tell you where to buy Hygeno. The Hygeno Disinfectant Co., 1262-63 Citizens Bldg., Cleveland, Ohio.

W. L. DOUGLAS

\$3.50 & \$3.00 SHOES FOR MEN
W. L. Douglas \$4.00 Gilt Edge Line
 cannot be equalled at any price.



W. L. DOUGLAS MAKES & SELLS MORE MEN'S \$3.50 SHOES THAN ANY OTHER MANUFACTURER IN THE WORLD.

\$10,000 REWARD to anyone who can disprove this statement.

If I could take you into my three large factories at Brockton, Mass., and show you the infinite care with which every pair of shoes is made, you would realize why W. L. Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe.

W. L. Douglas Strong Made Shoes for Men, \$2.50, \$2.00, Boys' School & Dress Shoes, \$2.50, \$2.15, \$1.50

CAUTION.—Insist upon having W.L. Douglas shoes. Take no substitute. None genuine without his name and price stamped on bottom. Fast Color Eyelets used; they will not wear brassy. Write for Illustrated Catalog.

W. L. DOUGLAS, Dept. G, Brockton, Mass.

Highland Park College

Des Moines, Iowa.



Fall Term Opens Sept. 4, 1906, Other Terms Open Oct. 15, Nov. 27, and Jan. 2, 1907.

THE FOLLOWING REGULAR COURSES MAINTAINED

1 Classical	11 Pharmacy
2 Scientific	12 Music
3 Philosophical	13 Oratory
4 Normal	14 Business
5 Primary Training	15 Shorthand
6 Electrical Engineering	16 Telegraphy
7 Steam Engineering	17 Pen Art and Drawing
8 Mechanical Engineering	18 Railway Mail Service
9 Civil Engineering	19 Summer School
10 Telephone Engineering	20 Home Study

Instruction given in all branches by correspondence. Board \$1.50, \$2.00 and \$2.50 per week. Tuition in College Normal and Commercial Courses, \$12.00 a quarter. All expenses three months \$45.00; six months \$85.47, nine months \$124.21. Free scholarship to one person from each county. School year, Enter anytime. 2000 students annually. Catalog free. Mention course in which you are interested and state whether you wish resident or correspondence work.

HIGHLAND PARK COLLEGE, 2768 2nd Street, DES MOINES, IOWA.

FARM TANNERY

ESTABLISHED 1865



We are large tanners and have decided to buy
HIDES, PELTS, FURS, WOOL AND TALLOW.
"DIRECT FROM THE FARMER."

Ship us one hide or a hundred—fair treatment guaranteed all—the smallest shipper and the largest. We pay highest market prices and make prompt remittance. Write for price, tags and reliable information about curing hides, etc.

J. S. SMITH & CO., CHICAGO.
 Minneapolis, Omaha, Kansas City, St. Louis, Ia., Detroit, Grand Rapids, Mich., Indianapolis, Denver, Nashville, Tenn., Portland, Ore., Los Angeles, Cal., Boise, Idaho, Pocatello, Idaho, Grand Island, Neb., Hastings, Neb., Springfield, Mo.

AGENTS For Mend-a-Rip

WANTED



\$80 to \$175 Per Month

For Firemen and Brakemen, experience unnecessary. Instructions by mail at your home. High wages guaranteed; rapid promotion. We assist you in securing a position soon as competent. Send today. Full particulars at once. Enclose stamp. National Railway Training School, Inc. 21 F. Boston Bldg., Minneapolis, Minn.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

One more unfortunate
 Weary of breath,
 Rashly importunate,
 Gone to her death.

Take her up tenderly,
 Lift her with care;
 Fashioned so slenderly,
 Young and so fair!

When I was in England I frequently noticed danger signs posted up for the benefit of cyclists who are numerous in that country of fine roads. Thinking of the number of accidents these warnings have undoubtedly prevented I have resolved to tell a painful story here With The Editor, and to make some comment upon it.

A few Sundays ago a young girl was found dead on the altar steps of the Roman Catholic cathedral in Kansas City. Beside her lay two empty vials labeled "Poison," and a note requesting that her body be sent to her parents.

Like many another country girl this one had wearied of the farm, had wrung a reluctant consent from her parents, and had betaken herself to the city. That was a year or so ago.

All the year held for the unhappy girl we can but guess. At first she worked as "hello girl" in a telephone office, later she seems to have been employed in a local theatrical company. Just when, just where, just how she fell we do not know, but a day came when with two others she went off for a lark with married men. The die was cast: she was committed to a fast life.

We have scripture for it that "the way of transgressors is hard," our eyes leave us in no doubt of the fact when the transgressor is a woman. It was only a little while until this poor girl found herself in a strange city, moneyless, friendless, alone. She seems to have had plans, but whatever they were they miscarried; expected letters failed to arrive, appeals she made for assistance were rejected, despair seized her, she purchased poison, she deliberately crossed the great divide.

If one knew about the surroundings, the parents and home life of this unhappy girl would one find the clue to her tragic fall—I wonder? Her people are reported as "prosperous farmers," but the girl seems to have had little affection for them and little communication with them since her departure for the city. Was the father absorbed in the care of his acres, the mother intent upon household matters and the girl's interests neglected, her youthful craving for life denied legitimate expression—I wonder?

There are girls and girls; some are steady and strong and so armored about by ideals and ambitions that temptations are powerless to harm them; others are all undefended by high aims or noble ambitions; they are like butterflies which fly about gaily in the sunshine, but droop when chill winds blow; they are like moths which flutter about the light whose flame is their destruction. And this girl, only nineteen years old, what of her—I wonder?

When a country girl exchanges a sheltered home for life in the city she enters a new world. The transition from midnight darkness to noonday sunlight is not greater. The glare is dazzling, the noise deafening, the rush bewildering. It is small wonder that the unsophisticated young creature sometimes loses her bearings, sometimes stumbles and falls, and is sometimes trampled under foot. Ours is not to judge or to condemn. It is ours to pity, and to post up "Danger."

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Beauty and truth, and all that these contain, Drop not like ripened fruit about our feet; We climb to them through years of sweat and pain; Without long struggle, none did e'er attain The downward look from Quiet's blissful seat; Though present loss may be the hero's part, Yet none can rob him of the victor's heart Whereby the broad-realized future is subdued; And wrong, which now insults from triumph's car, Sending her vulture hope to raven far, Is made unwilling tributary of good.

—Lowell.

Let us do our duty in our shop or our

Your shoe money will go twice as far if you buy the strong, well-made and hard-to-wear-out

Mayer

SCHOOL SHOES

for boys and girls. They are made of the best seasoned upper leather and tough solid soles and have fewer seams than other shoes.

Mayer School shoes are shaped to prevent injury to growing children's feet. They

WEAR LIKE IRON

Your dealer has them or will get them for you—take no other. The Mayer trade-mark is stamped on every sole.

We also make the "Honorbill" shoes for men and "Western Lady" shoes for women.

F. Mayer Boot & Shoe Co.

Milwaukee, Wis.

1/2 THE PRICE IS WHAT YOU SAVE WHEN YOU BUY A RANGE, COOK STOVE OR HEATER FROM US



We have all kinds from the smallest laundry stove to the largest range and the finest base burner. We can supply any need in the stove line at the lowest factory prices. You save all the jobbers, dealers or peddlers profit by buying direct from us.

30 DAYS FREE TRIAL

If you wish, in your own home; an opportunity to judge of the high quality and the low prices. You take no risk. We will pay all the freight charges if you are not satisfied with your purchases. We have our own big factory making our stoves and every one is

GUARANTEED FOR FIVE YEARS

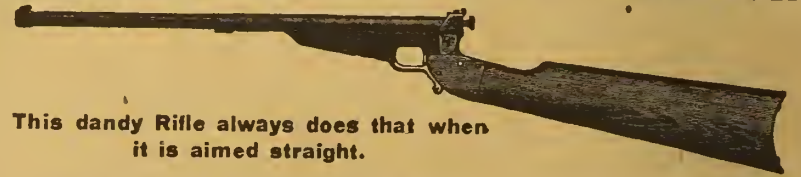
You do not have to wait; we have all our stoves in Kansas City. We are ready to fill your orders the same day they are received. We guarantee safe delivery. Our big catalog is ready for you. Do not buy before getting our catalog and prices.

Kemper-Paxton Mercantile Co. 913 Hickory St. KANSAS CITY, MISSOURI.



Big Catalog Mailed Free—Write Now

BOYS—IT HITS THE MARK!



This dandy Rifle always does that when it is aimed straight.

Unless you want to hit the mark don't get one. But you do—don't you? Everybody means to hit the mark some time. Then write us at once and you'll crack the bull's eye. For you can get that rifle, boys, without a cent of money. Just a few minutes' work among your friends, or your friends' friends—and the rifle is yours, sure thing. It's the handiest and the handsomest little gun on the market. We're giving it to you straight. And it can be earned just as easy as rolling off a log. Write us about it—just a line. Give us your full name and address and say you want to earn a rifle. That will do. We'll pull the trigger, and back will come a letter to you with full particulars, and it is ten to one you will have earned the rifle the same day you get that letter. It's up to you now. Get out your goose quill and address,

THE HOMESTEAD,

BOYS' DEPARTMENT,
 DES MOINES, IOWA,

kitchen, the market, the street, the office, the school, the home, just as faithfully as if we stood in the front rank of some great battle, and we knew that victory for mankind depended on our bravery, strength and skill. When we do that, the humblest of us will be serving in that great army which achieves the welfare of the world.—Theodore Parker.

JUST A FEW SMILES.

Voice from Below—Are you children all in bed?
 Voice from Above—Yes, mamma.
 Voice from Below—Well, I must say it didn't take you long to say your prayers.
 Voice from Above—We divided 'em up an' each took a section an' said 'em all at once.
 "That," said her wooer, as they came in sight of his ancestral home, where the house party was being held, "is the old manse."
 "But he's going to leave it to you when he dies, is he not?" asked she, interestedly.
 "Sensible looking girl across the aisle?"
 "Yes. Like to know her?"
 "No, thank you. Handsome hat she's wearing."
 "Yes. She made it herself."
 "Eh! Introduce me, please!"

THE HUMAN BEING VS. THE HOUSE.

The woman who does her own work should learn how to shirk scientifically. This does not mean that she should neglect work which should by rights be done, or that she should do it in a slovenly way. But there are times when every housekeeper must choose what

PATENT YOUR IDEAS

\$100,000 offered for one invention; \$8,500 for another. Book "How to Obtain a Patent" and "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense.
Chandee & Chandee, Patent Attorneys,
 956 F. Street, Washington, D. C.

shall be crowded out, her rest, her chance to read a little, to keep in touch with what is going on in the world, or the laborious and unnecessarily thorough accomplishment of an insignificant task. In that case she should unhesitatingly decide that the latter is of less importance and let it go to the wall.—Christine Terhune Herrick.

BLACK BEAN SOUP.

One pint black beans, two quarts cold water, one small onion, two teaspoonsful salt, one saltspoon pepper; one-fourth saltspoon cayenne, one saltspoon mustard, one tablespoon flour, two tablespoons butter, one lemon, two hard-boiled eggs. Soak the beans over night. In the morning pour off the water and put them on to boil in two quarts of cold water. Slice the onion and fry it in one tablespoonful of the butter. Put it with the beans. Add a bit of celery root, if you have it. Simmer four or five hours, or until the beans are soft. Add more cold water as it boils away—about half a cup every half

hour—to check the boiling and soften the beans, leaving about two quarts when done. Rub the beans through a strainer, put the soup on to boil again, and add the salt, pepper and mustard. When boiling, thicken it with the flour and butter which have been cooked together. Season to taste. Cut the lemon and eggs into thin slices, put them into the tureen and pour the hot soup over them. Serve with croutons.

PANDOWDY.

At Thanksgiving time we wish to recall all the dainty dishes for which our grandmothers were famous; the pandowdy was one of them. A deep, square pan was lined with a simple buttermilk or sour cream crust. This was filled with well-floured apples cored and pared, another crust placed on top and the whole baked. Then the top crust was carefully removed, and half of it placed up side down on a platter, the soft, juicy apples were taken out into a bowl, sweetened partly with sugar and partly with molasses, and a speck of spice and a lump of butter added. After these ingredients were thoroughly mixed, a layer was spread over the crust on the platter, then the halves of the lower crust were put on with other layers of apples and then the last half of the top crust. This might be arranged with a layer of apples on top or turned right side up and sprinkled with sugar.

Probably the pandowdy was the predecessor of all the thousand and one layer cakes and pies of the present day.

The modern housekeeper does not find it



The Angle Lamp

Our Proposition is to send you a light which, burning common kerosene (or coal oil), is far more economical than the ordinary old-fashioned lamp, yet so thoroughly satisfactory that such people as ex-President Cleveland, the Rockefellers, Carnegies, Peabodys, etc., who care but little about cost, use it in preference to all other systems. We will send you any lamp listed in our catalog \$3, on thirty days' free trial, so that you may prove to your own satisfaction that the new method of burning employed in this lamp makes common kerosene the best, cheapest and most satisfactory of all illuminants.

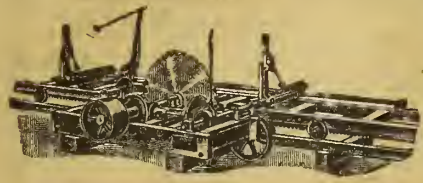
Convenient as Gas or Electricity
Safer and more reliable than gasoline or acetylene. Lighted and extinguished like gas. May be turned high or low without odor. No smoke, no danger. Filled while lighted and without moving. Requires filling but once or twice a week. It floods room with its beautiful, soft, mellow light that has no equal. WRITE FOR OUR CATALOG '83 and our proposition for a

30 DAYS FREE TRIAL.

Do it now—right away. It will tell you more facts about the How and Why of good light than you can learn in a lifetime's experience with poor methods.

The Angle Mfg. Co., 78-80 Murray St., New York.

American Saw Mill Machinery.



Traction and Stationary Engines, Air Cooled Gasoline Engines, Separators, Shellers, Shredders, Hay Balers

We Repair Machinery of all Kinds.

CEDAR RAPIDS MACHINERY & SUPPLY CO.,
307-9-11 3D AVE., CEDAR RAPIDS, IOWA.

La. State Metal Corrugated Culvert Co.



Manufacturers of corrugated metal culverts. Most practical and durable culvert made. Bears any wt., will not break or rust, not affected by freezing. Send for catalog.

Factor-Independence
ies at: Oskaloosa
Council Bluffs, Iowa
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WANTED--A BRIGHT MAN with light team, as salesman in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Tea Co., Box X, Winona, Minnesota.

feasible to use buttermilk as her grandmother did, nor are the results as satisfactory as with the best baking powders. Try this plan:

Sift together three cups of flour, two level teaspoonfuls of yeast powder, one teaspoonful salt. Rub in one-half cupful lard drippings, and mix into a stiff dough with ice water. Roll out, spread with two ounces butter and roll and fold again. Then line the pan and proceed as directed above. Round pans can be used instead of square, but the original "dowdies" were square.

AMONG OURSELVES.

As was expected, the wives of foreign-born men feel constrained to pick up the gauntlet thrown down by Mrs. Eugenia. In defending the foreign-born American as a husband Mrs. Fairbanks incidentally gives the native-born American husband some good pointers. She should have a cordial hearing:

Being the wife of a foreigner I take the liberty of saying a few words in their defense, or at least in the defense of the particular foreigner whose wife I have the honor to be, so that the uninitiated may see that they are not all the tyrants Mrs. Eugenia pictures them to be. In the first place my husband has always made everything handy for me, thereby "helping me to help myself." It is surprising that there is so little said about this very subject. Even though I am married to a foreigner, I have but little hard work to do in the garden. I make the rows lengthwise and my husband plows it with a small garden plow and one horse, doing in a few minutes what it takes a "woman with the hoe" hours to do. I weed the small "truck," such as onions from seed, by hand. I think it a woman's place to oversee the garden-making if she has not the time nor strength to do the work. Another instance, when we lived in Illinois, where farmers burned hardly anything but cobs in their cook stoves, my husband made a cob box, which made it a great deal easier for me. It consisted of a kitchen table, the front of which was inclosed in order to hide the box, which could be pulled out to be filled, then pushed back under the table, as it ran on castors on track fastened to lower sides of table. He also made a stout shovel to be used exclusively for shoveling cobs into the stove. The box held about five bushel-basketfuls. In winter the men kept it filled, and in the summer, the hired girl or myself. We thought it away ahead of taking them out of basket or barrel with the hands, as I have seen some do. And, again, we have a range with water front, quite a large boiler, and a white porcelain-lined sink beside it. All that was necessary to fill wash boiler was to let pails run full, then empty into wash boiler, but that was not handy enough, so my husband took a small piece of piping and connected it onto hot water pipes back of range. All I have to do is to turn faucet and boiler is soon filled. The men always filled the supply tank for wash day. To be sure, it could have been handier, but the hot and cold water plant were installed in the house when we bought the place. When the children were small he bought a washing machine with large wheel, so a small upright engine could be used for power by slipping belt over wheel. The engine was also used for grinding corn and so forth. I could fill pages at this rate, but this is enough to show that not all foreigners make slaves of their wives. To be sure, it is not always possible to have everything as handy as one could wish if one lives on a rented place, but here in Iowa, where most people own the farms they live on, things could often be arranged better than they are. The foreigner Mrs. Eugenia speaks of as saying that "All American women are lazy"—may he not have lived among a particularly slovenly set of women, thereby becoming prejudiced against them? This would be unjust, but not more so than it is for her to be "soured" just because she happens to have neighbors that make their wives work too hard. I hope Mrs. Eugenia's letter will not induce those of our American girls who have "foreign men" for lovers to say "no" when the all-important question is asked. I think my life-time of experience is worth more than years of observation. Don't you think, Mrs. Walker, that the controversies we have been having Among Ourselves have caused some of its members a great deal of pain? For my part I should like to see something about the care and culture of house plants, both those raised from seeds as well as from "slips." Also, something about the vegetable garden, although that would probably be better a little later in the season. Telling what varieties to plant and so forth, could be made to be very helpful.

As will be seen Mrs. Doty's observation bears out the stand taken by Mrs. Fairbanks:

You ask us to tell you of our observations of American girls marrying foreigners. I collected my thoughts along that line and here in our vicinity the Danes have married our daughters, also the Norwegians and Germans, and I never knew better husbands or kinder fathers than they are in all this country. In thirty-one years of residence I have never known their wives to be slaves to them, and that is a record that I cannot give the American boys, here where we live.

If the discussion were likely to influence girls in the choice of a husband it might be worth while to go more deeply into the matter. As it is Cupid's arrows fly regardless of race or blood and so I doubt the wisdom of prolonging the matter.

It is natural to shrink from things that are painful or shameful, but sometimes it is right that we should nerve ourselves to touch the painful, the shameful thing. I am sorry that the editorial sanctum should be a place of

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Big 160 Page Catalog Free.

gloom this week, but I have no apology to offer, and it is not your pardon but your careful consideration which I ask for what is brought to us by "A Dakota Farmer's Wife:"

I wonder how many of us women ever think it worth while to help young fallen women. I say "young" because old women are beyond improvement, but girls who are thrown on their own resources just at an age when they need a mother's hand, and some older women who have had no mother to guide and shield them, are frequently not really bad, and if encouraged in a certain way, by the example and friendship of some truly Christian women, may yet make good wives and mothers, and the love for their own children will naturally show them their errors in youth. I have in mind a young girl of thirteen years of age left without parents and education to fight life's battle. Such a child is snubbed among the more fortunate. Naturally her companions are in the lower circles, and before she realizes what is going on, her reputation is gone. Sometimes this bringing down of a poor girl's reputation is caused by some enemy whom she has snubbed, and again it may be too true that she has let herself be led astray by some "pretender." This girl I have in mind was one of these,



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though I was not acquainted with her until after she was married three years. Her husband was a sober man, a good worker, but he had one fault—gambling with money that was very much needed to build up a home. The young woman, then seventeen years old, struggled along as best she could,

trying to be true to her husband and do her best, but soon rumors of her past life spread in the neighborhood. No one would call on her, and she was snubbed whenever a chance meeting brought her face to face with one of her neighbors. She tried to get her husband to quit gambling and fix up the house, but he said, "No one ever comes to see us." Finally she got discouraged, did not take any more pride in keeping things in order, got careless in her own appearance and became very vulgar in her talk (she scarcely heard any other talk in the company in which she was thrown). At last, her husband's recklessness driving her to despair, she left him. This opened his eyes some and he went and persuaded her to come back to live with him, promising to quit gambling. Let me say right here, he kept his word, too. But, then, people again talked about her leaving him and the real cause not being known, the fault was all laid on her shoulders, and the old past raked all over again. There seemed to be no use of her trying to hold up her head at all. About this time we took the farm adjoining this young couple. Of course we were duly informed about these neighbors, after a very short acquaintance with some of our other neighbors, but living so close it was difficult for husband and I not to come in contact with them. They took great care not to force their company upon us, but when fate brought us together, they both seemed very sensible and well appearing. The lady es-

pecially took great pains to converse lady-like; so much so that in spite of the stories about her we invited them to call. They came, but not for a long time, for the woman was very much afraid I would treat her as others had done. Husband and I paid back their call before long. The neighbors got to whispering around about us doing such a thing as that, but we paid no attention to anyone, and whenever I got a chance to put in a good word for the poor woman I certainly did, for I could see no harm in her, and when, a year later, she gave birth to a child, everyone said to me, "You are the one that sowed that child; she would never have allowed herself to have had it only for your influence." She had been married three years, or four, rather, when the child came, but some said for reasons of her own she would never raise a child. I do not know if this was true of her, and will not judge her, but I do know that when we moved away after five years, she had three of the sweetest children that ever lived, and things had changed so that everyone was surprised. She was one of the best housekeepers and cooks, as well as a true wife and a loving mother to her children. Her husband also had changed. He had built a nice house for her, which she certainly did her part to make "Home, Sweet Home." By this time her former critics came to see her as often as they did anyone else, and everyone spoke well of her. She was invited out and treated well at any gathering. You see, kind friends, all that was wanted in this case was a leader. I was not aware of the fact that I had helped so much until she came to me before we left, and told me all about herself and wept tears of gratitude.

In connection with this matter Uncle Abe wishes to ask a question:

There may be a pure young girl in your neighborhood who meets a nice-looking young man and loves, and through love falls. She is not naturally bad, and, repenting, would fain be a good woman again. Do you reach out a helping hand to her? Do you try to help her to recover her lost womanhood? No. You turn a cold shoulder to her and gather up your skirts in passing. Why is it?

The stir of preparation for Thanksgiving has already begun in many homes. Anticipating it with the wistfulness of one who is in a sense outside the home Mrs. B. H. Dean comes to us with a little request:

As Thanksgiving day is soon to be here, let me write a few words to those who will have the pleasure of enjoying the companionship of dear friends. Let me say, please remember those on that day who are homeless and among strangers. We cannot have everything as we would wish, but if you have a home, "be it ever so humble," thank God in your heart for his mercy to you. I am an interested reader of the Home Department and love the Among Ourselves column. I am a homeless woman, working as a despised domestic, but amid the weary round of ceaseless work I find in my heart a gladness, a true "thanksgiving" that the scorn of my more fortunate sisters has no power to efface. Let us be charitable to those who have to struggle alone. A pleasant word spoken to encourage is never lost. When I find a situation where pleasant words are spoken I appreciate them fully as much as the few dollars I receive for my services. Now, let us all enjoy Thanksgiving day and keep it green in our hearts for days to come, and please, dear sisters, be kind to those who minister to your comfort at home, and may we all meet and rejoice together in our Among Ourselves column next year.

Uncle Abe and Mrs. Dean make me feel apologetic for my sex. In the old days there was abundant excuse for woman's narrow-minded prejudice and unconscious cruelty to her less fortunately situated sister woman. There is much less now, but the woman who has never been tempted, the woman who has always been sheltered does not yet bear herself with that tender charity, that loving sympathy which it should be her joy to offer to the sister in need of a helping hand.

Dressmaking and Millinery—No. 543.

Sylvia Silverthorne, Muscatine, Iowa.
[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

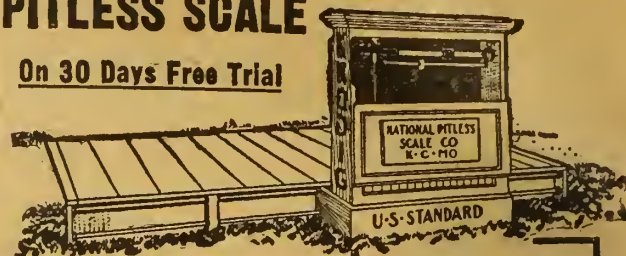
For a number of years there has been little demand for anything in the line of outer garments except a description of the leading designs as an aid to those intending to purchase, but for some reason many are this season attempting the manufacture of garments for themselves, as they would a simple waist or a skirt. This has caused a demand for the patterns, and in response to requests I have shown a number of designs. It is doubtless due to the fact that so many of the designs are simple and easily managed, and also that the materials are of a kind that give satisfactory results in the hands of the home worker. It is never denied that the cost of a garment made at home is much less than that of the same grade and style of garment purchased ready-made. Given these simple modes, and if quite sure you can get a good fit and finish, one may more often make for herself or some member of the family a coat or jacket that pleases her fancy than she may find it in the stock from which she is obliged to select. The plaids lead as to numbers, but there are numbers of new coats in the fashionable shades of red, and these cannot always be found in stock in just the shade desired, while the material is usually readily found. One of the easiest designs to follow is found in the sack coat that is fairly a leader this season, and with this number is illustrated one that is cut in



H. C. Gumbel

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I will send a set to you, or to any responsible Farmer, Stockman, Elevator Man, or Grain Dealer, on a month's free trial.

You have nothing to pay until you are satisfied,—no deposit,—no note to sign,—nothing to do but give the Knodig a fair, honest trial at MY risk.

If it doesn't please you, send it back, and I will pay freight BOTH ways. That's fair.

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The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

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misses' sizes only. The pattern is No. 5506, and a glance at the pictured garment will satisfy one that it is a useful and pretty design, and that not unusual skill will be required in the making of a coat in this

mode. The garment is shown finished with two styles of collar, either of which may be used, but the roll over or shawl collar is the easier to finish. Velvet facing may be used on collar and for all strap-

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CEDAR FALLS, IOWA.

plings, or the coat material may be used and stitching form the finish. When the coat is of plaid, cloth of the color of the leading shade may be used for strappings and facings. Lengthwise openings are cut

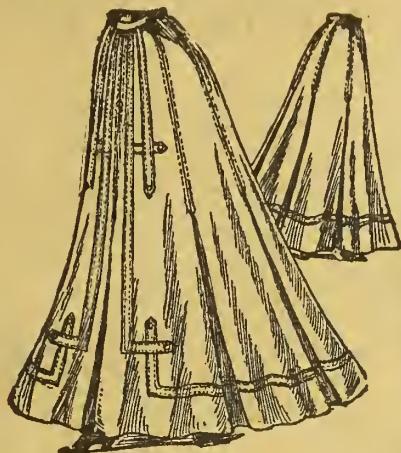


[5506—Misses' Three-Quarter Coat, 12 to 16 years.]

in the fronts in which to set the pockets, but if preferred one may use the ordinary patch pocket, thus avoiding cutting the front. At the back one or three lengthwise straps

may be used. If three, the two not shown would be placed midway between the center of back and the armseye, the space between these and the back one gradually widening toward the bottom of the coat. Pattern No. 5506 is cut in sizes for girls of 12, 14 and 16 years, but I can furnish patterns very similar in design for any age or size. Give age when ordering children's or misses' patterns.

The seven-gored skirt shown in No. 5501 is one having inverted pleats at each seam, these being stitched to part of their depth, below which the fulness flares, giving fullness at the foot of the skirt. The strappings are put on in a novel manner, these being applied on lines indicated in the pat-



[5501—Seven Gored Skirt, 22 to 32 waist.]

tern. These, as shown, are of the cloth, but braids or bands of contrasting material may be used instead. Bands of plain cloth on plaid, or of plaid on plain, are equally stylish. One or three buttons may be used to finish the band, or buttons may be arranged in groups at intervals on the bands. Jet heads are very fashionable for this purpose, and these show especially well on plain material. Pattern No. 5501 is cut in size for a 22, 24, 26, 28, 30 and 32-inch waist measure. Give waist size when ordering.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson VII. Matt. XXVI, 57-68, November 18, 1906.

Jesus Before Caiaphas.

Even to those who believe only in the "manliness" of Jesus, His base betrayal, His ignoble desertion, illegal trial, and superlatively cruel death, are enough to touch their hearts to deepest pity. As Renan says, "His legend will call forth tears without ceasing." To those to whom Jesus is divine, the successive scenes from Gethsemane to Golgotha are cumulative in strong compunctions. Bloody sweat, traitor's kiss, bound hands, hurrying from court to court, false accusations, blow on the mouth, mockery, the cry, "Crucify!" scourging, the Via Dolorosa, the crucifixion—their hearts are like to break under such climatical sorrow.

It is past midnight, but the devotees

of an imperial ecclesiasticism are alert. With murderous jealousy they anticipate the delivery into their hands of one for whom they had just paid a goodly price—one who must be immediately put out of the way, or their honors, powers, and emoluments be the forfeit. Rich old Annas paces the marble court of his palace, and listens for the footfalls of the returning band. He will soon have the satisfaction of looking into the face of the iconoclastic Galilean, who has imperiled his vast revenues by twice cleansing the temple of the traffickers whom he had unlawfully licensed to trade there. He will see those hands bound with cords instead of plaiting cords into a whip to drive out the buyers and sellers with. Caiaphas, also Annas' son-in-law, and acting high priest, is on the qui vive to carry into execution his judgment passed three months before—namely, that it were better that one should perish, without reference to his guilt or innocence, than that the nation should be jeopardized.

The chief priests, scribes, and Pharisees are anticipating with venomous pleasure their retaliation upon one who has publicly denounced them as serpents and vipers; who, with bold hand, has snatched the mask from their unparalleled hypocrisy, and has likened them to whitened sepulchers. So all hell is alert that night to enjoy to the full its short-lived triumph. A sardonic smile passes over the face of Annas as his dull ears catch the tramp of the guard at his very gate. He hurries into his grand salon, and mounts his dais with tottering step. The examination of Jesus here is purely informal. It is just such a courtesy extended by Caiaphas to Annas as, a little later, Pilate extended to Herod. It will have weight, too, with the multitude, that the condemned is first arraigned before one who, according to Moses' law, is still a high priest. And by this device time is gained to "pack the jury" in the only court which Rome recognizes; and there is a scurrying about for suborned witnesses, such as to this day can be had for a price in the lobby of almost any Oriental court.

There sits the Sanhedrim in form of a horseshoe, the high priest at the "toe,"

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Why have they been the standard dress-goods for more than sixty years?

Honest making—the best that human knowledge dictates; staunch materials; absolutely fast colors.

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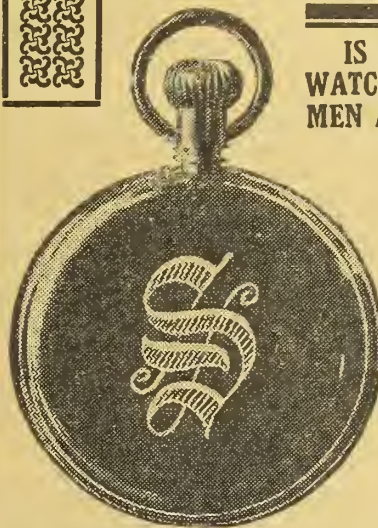


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Your own Initial on your own Watch

That is a bright idea and a good one. The wonder is that nobody ever thought of it before. It is really the most fetching novelty of the season, the most popular fad of the moment, and a fad that has come to stay, because it is really not a fad at all, but a sensible idea. Nothing is more distinctively your own than

The Watch You Carry.

Nothing, therefore, deserves a more distinctive mark. What better mark than your own initial engraved in beautiful German text on the case? Of course you want one—you would like to be up with the fashion—but there's your old one. No initial on that, and it cost a lot more than the one we are offering.

That's just the point! This watch

Costs You Nothing.

No money—just a few minutes of your spare time, a few neighborhood calls on your friends and the watch is yours. People change watches now as often as they change hats. Have you had a new one this year with your initial on the case? If not, write us for particulars how to earn one. The chances are good that you will earn it the same day you receive our letter. It is as easy as that.

What Kind of a Watch?

To be sure, we had forgotten that, but thereby hangs a tale:

Not many years ago a young hardware merchant on a down town street in New York took up a line of small

metal clocks and made a specialty of them. They went well. He sold barrels of them; but the demand was all for smaller and still smaller clocks—smaller than anything then made, so he took a trip up into New England, among the Connecticut clock makers, in search of smaller sizes. He found one manufacturer who was willing to make the clocks as small as he wanted them—"pocket size," in fact, if he wanted them as small as that.

With that expression, "pocket size," came a new idea into the hardware dealer's brain, for a pocket size time piece is a watch of course, and this idea revolutionized the watch business of the country. He contracted for half a million pocket time pieces on the spot, the factory's entire output for a year, and this gave him temporary control of the lowest price watch ever put on the market. From this first venture he advanced to the head of the greatest watch manufacturing company in the world. His product now is

2,000,000 Watches a Year

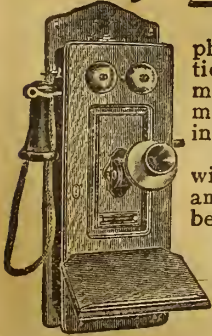
and it scarcely equals the demand. He rolls in wealth and his name is a household word throughout America and England. You know it of course, and when we tell you that this watch is of his company's make and is fully guaranteed by the most successful watchmaker in the world, we have said enough to convince you that the watch is all right.

For full particulars, style and size and method of earning a guaranteed watch with your own initial on the case, address,

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and a scribe with inkhorn and parchment at either "cork." In the space between the scribes stands the accused, in full view of the semi-circle of venerables, who sit crosslegged upon their crimson cushions. Guilt is on the bench; innocence is in the dock. Not how to deal justly, but how to condemn is the problem of the court. How to find a verdict that will not too palpably outrage the forms of justice, and one which the Roman governor will ratify, a verdict that will involve the extremest penalty—that is the desideratum.

As a sheep before her shearers is

dumb, so the Lamb of God opened not His mouth. Silence is His best defense. The suborned witnesses demolished each other's fabric of lies. Any tribunal not bent upon conviction would have thrown the case out of court with contempt. By His refusal to plead, Jesus denied the validity of the process and the jurisdiction of the court as constituted. The silent, dignified accused is fast throwing the court into confusion. It is at its wits' end, when bold and unscrupulous Caiaphas makes his coup de main. He springs from his red hassock, and, rushing at Jesus with rage in look, ges-

ture, and tone, bids Him answer the witnesses.

But before the vociferating judge, with his soiled ermine, Jesus maintains His imperturbable silence. A last expedient occurs to the fertile mind of Caiaphas. He will put Jesus in the dilemma of denying His Messiahship by persisting in His silence, or affording ground of conviction for blasphemy by affirming it. By most solemn abjuration he puts Him under oath, and then propounds his crucial question. There is not a moment's hesitation. The case against Him having utterly collapsed, He breaks his silence. He furnishes them with the ground of conviction, which they had failed to find. They do not stop to question whether His testimony is true or not. It might readily be shown how His character and career fulfill the prophecies. There are ten thousand witnesses of His Messianic and wonder-working power who might have been summoned. But, no! the case is prejudiced, the jury packed, the court bent on conviction, not truth and justice. With Oriental and dramatic effect, Caiaphas tears his costly robes into shreds from collar to hem, and precipitately finds a verdict, and then proceeds to poll the jury.

Thus Jesus, His hour having come, surrenders Himself into the hands of sinners, and voluntarily lays down a life which no man could have taken from Him.

Analysis and Key.

1. Ecclesiastical trial of Jesus (1) Sanhedrim unlawfully convened. Suborned witnesses. Jesus' silence. (2) Jesus adjured to answer. High priests' sacred oath. (3) Jesus' significant answer.

2. Ecclesiastical condemnation. (1) Death penalty passed. (2) Personal indignity to condemned.

The Teacher's Lantern.

The canons of the Sanhedrim court were that the accused was to be esteemed innocent until proven guilty; it was an axiom. The Sanhedrim was set to save, not to destroy, life; the president was to admonish witness of the value of a human life; counsel was to be provided for the accused; the youngest judges were to vote first, in order that they might not be prejudiced by the voice of the elders; condemnation could only occur the day after the trial had concluded; a capital trial could not begin the day before a Sabbath or a feast; no criminal trial could begin or be continued at night; no one could be executed on the same day on which sentence was pronounced. Every rule

was flagrantly broken in the trial of Jesus.

To retrieve the odium of the legal homicide of Jesus, his enemies invented an ex post facto law, and incorporated it in the Talmud; to-wit, any one who gave himself out as a false Messiah could be tried and condemned on the same day or in the night. They also framed the extraordinary story that a public herald was sent out for forty consecutive days before Jesus' condemnation to summon witnesses in His favor; but none appeared.

Silence on the part of a defendant in an Oriental court is a complete anomaly. Profuse protestations of innocence, dramatic appeal, wild gesture, copious tears—these are the rule. The silent dignity of Jesus arrested the attention and struck the conscience of each court before which He was brought.

The Sanhedrim thought it was condemning Jesus. In point of fact it was condemning itself. The supreme court of the Hebrew nation stands convicted at the bar of history of the foulest crime of all ages.

Infidelity is like the Sanhedrim, in that it is on the search for evidence against Jesus. It is an effort to impeach His character and claims. It is bent on conviction. Where there is this palpable insincerity, the believer does well to imitate his Master's silence.

What occurred in Caiaphas' court has been occurring ever since in the age-long arraignment of Jesus. The witnesses do not agree. One impeaches the other. Each new generation of skeptics presents a new hypothesis, thus denying the sufficiency of the former. Thus Strauss gives the lie to Voltaire, and Bauer to Strauss, and Renan to Bauer. But to this jargon of infidelity Christendom responds, as from the beginning, in its glorious, unwavering credo, "I believe in Jesus Christ."

Baxter's Duroc Sale.

The eighth semi-annual Duroc Jersey sale held by Mr. Ed A. Baxter, of Pawnee, Ill., on Thursday, November 1st, was a pronounced success. Breeders were present from several states and the bidding was prompt throughout the entire sale. The get of Buddy K. IV., first and champion Illinois State Fair, 1905, and second prize aged boar, 1906, found a ready market. As the list of sales which follows shows, the prices paid for stock were very uniform. The stock was offered in good breeding condition and will do well in the hands of those who secured it. Mr. Baxter has been one of the best buyers and bidders to be found anywhere, and his herd contains some of the best blood obtainable. Messrs. McNeil Bros., of Bowen, Ill., topped the sale, paying \$410 for Red Carnation and litter of pigs by Buddy K. IV. Mr. Fred Kraschel, of Macon, Ill., was the competing bidder. Up to the \$400 mark Mr. H. B. Griffith, of Bowen, Ill., was interested in the bidding with Messrs. McNeil Bros. All of the gentlemen named above were liberal bidders throughout the entire sale. Messrs. McNeil Bros. secured No. 5, Lady Cross, at \$225, and No. 11, a Buddy K. IV. fall sow, at \$105. Mr. Kraschel secured a Buddy K. IV. fall sow at \$230. Mr. T. E. Laurie secured a good Buddy K. IV. fall sow at \$200, and two Proud Advance sows at \$112.50 and \$120 respectively. The boar sale was topped by Mr. O. E. Osborn, of Weston, Iowa, who secured a Buddy K. IV. March pig out of a Tip Top Notcher dam at \$111. Messrs. Lamb Bros., of Tecumseh, Neb., were the competing bidders. Col. F. F. Luther opened the sale and was assisted in the selling by Colonels McGowan, Reppert and Sanders. The list which follows tells the story:

Lot.	Price.
1 McNeil Bros., Bowen, Ill.	\$410.00
2 A. L. Lynch, Mt. Airy, Iowa	72.50
3 H. E. Browning, Hersman, Ill.	150.00
4 H. B. Griffith, Bowen, Ill.	105.00
5 McNeil Bros.	225.00
6 J. M. & W. T. Gatton, Springfield, Ill.	80.00
7 N. Bleutler, Carthage, Ill.	100.00
8 G. W. Baker & Sons, Pawnee, Ill.	45.00
10 A. E. Poush, Chariton, Iowa	42.00
11 McNeil Bros.	105.00
12 White & Dewey, Shannon City, Ia.	57.50
13 T. E. Laurie, Jacksonville, Ill.	200.00
14 R. L. Comer, Carlinville, Ill.	75.00
15 A. L. Lynch	62.50
16 Fred Kraschel & Son, Macon, Ill.	230.00
17 H. E. Browning	50.00
18 H. B. Griffith	55.00
19 H. E. Browning	50.00
20 C. D. McTaggart, Pawnee, Ill.	40.00
21 E. B. Fletcher, Farmersville, Ill.	31.00
22 W. M. Goff, Ashland	27.50
23 W. H. Jones, Pawnee, Ill.	30.00
30 C. A. Hill, Morrisonville, Ill.	29.00
31 S. P. Cleary, Pawnee, Ill.	25.00
32 L. D. Welton, Pawnee, Ill.	25.00
36 Mr. Calloway, Pawnee, Ill.	25.00
37 A. L. Roach, Pawnee, Ill.	32.50
38 A. D. Dewey	30.00
39 H. B. Loudon, Clay Center, Neb.	32.50
43 R. L. Comer	40.00
44 W. M. Goff	31.00
45 Will McTaggart	34.00
46 T. E. Laurie	142.50
47 S. F. Smith	32.50
48 O. E. Osborn, Weston, Iowa	111.00
50 J. Coy Roach, Girard, Ill.	26.00
51 H. E. Browning	30.00
52 S. R. Murphy, Savannah, Mo.	55.00
53 S. F. Smith	31.00
56 T. E. Laurie, Jacksonville, Ill.	112.00
87 Same	120.00
88 R. L. Comer	34.00
93 Lamb Bros., Tecumseh, Neb.	70.00

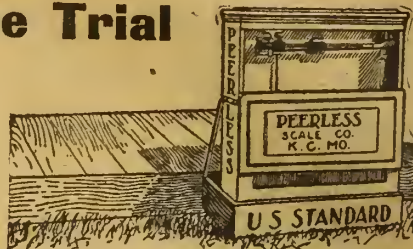
An average of \$68.15 was made on the entire offering and many sold below their

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PEERLESS SCALE CO., Dept. G, Wyandotte St. & Milwaukee Ave., Kansas City, Mo.



The Rue Washer Washes.

THE Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 60 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$48 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.

value to the breeder and farmer. A sumptuous luncheon was served and all were made welcome.

Kraschel's Duroc Sale.

It was thought by many of the Duroc breeders that the sales coming toward the end of a two weeks' circuit would not be well attended, nor the proper appreciation of the stock offered for sale be had. Such, however, was not the case. Messrs. Fred Kraschel & Sons, of Macon, Ill., held one of the most successful sales of the year on Friday, November 2d. An average of \$65.15 was secured on the entire offering. A litter by Mayor Jr., first prize yearling boar Illinois State Fair, 1905, and out of Buddy T. Belle by Buddy T., the sire of Buddy K. IV., brought \$708. They were a show litter all through and brought out much favorable comment and spirited bidding. The offering was sent forward in excellent condition. Mr. Ed A. Baxter secured one of the litter mentioned above at \$200. Messrs. McNeil Bros. secured a litter sister at \$175. Mr. H. B. Griffith, another litter sister at \$125. Mr. T. E. Laurie one at \$110; Mr. Geo. M. McMurry, of Maryville, Mo., one at \$105, and H. E. Browning one at \$75. Mr. H. W. Lineweaver, of South English, Iowa, secured the only boar in the litter at the bargain price of \$43. Mr. T. E. Laurie, of Jacksonville, Ill., topped the sale, paying \$270 for a half-sister to Buddy K. IV. Messrs. J. M. & W. T. Gatton, of Springfield, Ill., secured a litter sister at \$125. Col. F. F. Luther opened the sale and was assisted by Colonels Reppert, McGowan and Banta. List of sales follows:

1 H. W. Lineweaver, South English, Iowa	43.00
2 McNeil Bros., Bowen, Ill.	175.00
3 T. E. Laurie, Jacksonville, Ill.	110.00
4 Geo. M. McMurry, Maryville, Mo.	105.00
5 H. E. Browning, Hersman, Ill.	75.00
Extra Same litter, Ed A. Baxter, Pawnee, Ill.	200.00
Extra Same litter, H. B. Griffith, Bowen, Ill.	125.00
7 H. E. Browning	55.00
8 J. M. Matt, Assumption, Ill.	27.00
9 J. M. Eymann, Warrensburg, Ill.	26.00
10 H. R. Anderson, Walnut, Ill.	35.00
11 H. B. Griffith	42.50
12 Wm. Mathias, Macon, Ill.	39.00
13 L. C. Wree, Niantic, Ill.	25.00

Cancer Cures Cancer.

Dr. L. T. Leach, Drawer 88, Indianapolis, Ind., reports the discovery of Cancerol, which readily cures all forms of cancer and tumor. It has cured many very bad cases without pain or disfigurement. Their new books, with full report, sent free to the afflicted.

KANSAS CITY ONE FARE PLUS \$2.00 ROUND TRIP.

On November 18th to 21st The Chicago Great Western Railway will sell round trip tickets to Kansas City and return at rate of one fare plus two dollars. Three trains every day and best of everything. For further information call on E. J. Sawyer, C. T. A., 614 Walnut St., Des Moines, Iowa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseecker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

5,000 Rifles FREE TO BOYS

Just send us your name and address so that we may tell you how to get this fine rifle absolutely FREE.

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As we are going to give away 5,000 of them. We mean it, every word, and this is an honest, straightforward offer, made by an upright business firm who always do exactly as they agree. All we ask is that you do a few minutes work for us. It is so very easy that you will be surprised. This Handsome Rifle is not a toy air rifle, but is a genuine steel, blue barrel, hunting rifle, that is strong, accurate and safe and carries a 22-calibre long or short cartridge. If you want a little hunting rifle, just write and ask us for particulars. They are free and you will surely say it's the best offer you ever saw or heard of.

BE SURE AND WRITE AT ONCE before the 5,000 rifles are all gone, as the boys are taking them fast. Address:

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Greatest Weekly - - The Breeders' Gazette
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BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address, Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

PILES cured. Most cases get well after one application of medicine without pain one hour, then go about your work. No matter how bad or long standing your case, you should go at once and take this treatment. No knife or cauterizers used. Pay when cured. Examination free. Dr. J. C. McLaughlin, 331 Junction Bld., Kansas City Mo.

LIVE STOCK SALES

Steward & Hutcheon Hereford Sale.

The sale of Herefords from the herd of Messrs. Steward & Hutcheon, at Bolckow, Mo., on November 7th, drew buyers from Illinois, Iowa, Nebraska, Kansas and Missouri. Messrs. W. S. Van Natta & Son, of Fowler, Ind., had eight bulls in the sale and were also good bidders on the best females of the offering. Two animals sold for \$650. The first to reach this mark was Lot 1, the bull, Parsifal, he going to Mr. Hugh Whitford, of Guilford, Mo. Lot 18, Priscilla 6th and heifer calf, sold for the same figure to Mr. Will Hutcheon, of Bolckow, Mo., and will remain on the farm. Mr. J. G. Von Seggern, of Wisner, Neb., who was a persistent bidder on the better females, was runner up. Prices ruled strong and even and only two animals sold for less than \$100. Col. Geo. P. Bellows opened the sale with a short history of the life of the late John Steward, and of the history of the herd. On the Steward & Hutcheon offering an average of \$223.24 was made. The Van Natta bulls brought an average of \$114.37. Following is a list of sales over \$100:

Lot.	Price.
1. Parsifal 206826, Hugh Whitford, Guilford, Mo.	\$650
2. Beaumont Jr. 233039, Ben Broughton, Lake View, Iowa	460
6. Prime Lad 19th 213972, Ed. Switzer, Moulton, Iowa	155
6. Prime Lad 11th 213965, D. A. Ohl, West Branch, Iowa	155
7. Prime Lad 13th 213967, D. J. Hickey, Bradford, Ill.	165
8. Prime Lad 20th 213973, Clem Myers, Clyde, Mo.	150
9. Prime Lad 22d 234340, Egger Hereford Cattle Company, Appleton City, Mo.	100
13. Moss Rose, Makin Bros., Grand View, Mo.	170
14. Beau's Queen, and b. c., Will Hutcheon, Bolckow, Mo.	500
15. Gladys, and b. c., Edward Switzer, Moulton, Iowa	175
17. Miss Amy, B. F. Litton, Russell, Iowa	150

18. Priscilla 5th, Will Hutcheon	650
19. Handsome, J. B. McNarmy, Corning, Iowa	255
20. Hazel B., D. J. Hickey, Bradford, Ill.	160
22. Miss Madge, and calf, same	105
23. Myrtle, and b. c., Wm. Hutcheon	190
21. Queen C., Silas Garrett & Son	150
25. Modesty, J. G. Von Seggern, Wisner, Neb.	150
26. My Queen, Warren Landers, Savanna, Mo.	250
27. Marie, J. G. Von Seggern	130
28. Agnes, Clem Myers, Clyde, Mo.	125
30. Dulcie, Ben Broughton	200
31. Prettyface, W. S. Van Natta & Sons, Fowler, Ind.	500
32. Gladia, D. J. Hickey	120
33. Dora, Clem Myers	115
34. Ella, Tom Reese, Savanna, Mo.	105
35. Bright Duchess 43d, Clem Myers	200
36. Ivy, Silas Garrett & Son	105
37. Ethel, and c. c., B. F. Litton, Russell, Iowa	160
38. Missouri Queen, Warren Landers	200
39. Beaumont's Queen, Clem Myers	380
40. Mapleton Queen, Hugh Whitford	325
41. Helena, B. F. Litton	150
42. Madge, D. J. Hickey	125
43. Hilda, Makin Bros.	105
44. Gem, W. B. Hunt, Blue Rapids, Kan.	110
46. Mayflower, J. G. Von Seggern	425
47. Mapleton Belle, C. A. Ohl	160
49. Hawthorn, W. Beattie, Guthrie Center, Iowa	165

SUMMARY.

35 females	\$7,150; average....\$204.28
2 bulls	1,110; average.... 555.00
37 head	8,260; average.... 223.24

VAN NATTA & SONS.

The Prather Dispersion Sale.

Those present at the dispersion of Riverdale Short-horns at Springfield, Ill., on Monday, November 5th, were well pleased with the cattle and took them at satisfactory prices. This being a dispersion sale no guarantee was given on the cattle, and this had in some instances to cut prices. Imp. Highland Champion was the greatest snap of the year in the way of a Scotch bull. He went to Messrs. Leeper Bros., of Graham, Mo., at \$510. Pride of Riverdale, a yearling Scotch bull by Pride of the Realm, went to Mr. F. L. Hackler, of Lee's Summit, Mo., at \$350. The top price for females was \$375, at which price the Crulckshank Secret cow, Sihyl, went to Mr. Wm. Oakes, of Laura, Ill., who was a liberal purchaser throughout the sale. Colonel Bellows conducted the sale in his usual satisfactory manner. He was assisted by Cols. Ira Cottingham and Merriman. A list of animals selling for \$100 or over is given below:

FEMALES.

Sibyl, seven years, sire Imp. Banker, Wm. Oakes, Laura, Ill.	\$375
Imp. Vanity, six years, sire Solferino, J. G. Dougherty, Jerseyville, Ill.	350
Orange Blossom Queen 2d, three years, sire Imp. Sovereign, Wm. Oakes	255
Miss Ramsden 14th, seven years, sire Knight of the Thistle, same	185
Rustic Maid, two years, sire Baron Gold-dust, J. K. Alexander, Edinburg, Ill.	215
Princess of Riverdale 2d, one year, sire Imp. Archers Prince, Wm. Oakes	205
Roan Lady of Riverdale, one year, sire Imp. Pride of the Realm, Homer F. Waters, Dawson, Ill.	185
Verone 4th, seven years, sire Imp. Fearless Archer, and c. c., W. B. Rigg, Mt. Sterling, Ill.	225
Orange Blossom of Riverdale 2d, eight years, sire Baron Golddust, and c. c., Wm. Oakes	250
Sibyl of Riverdale, two years, sire Dutch Robin, W. C. McGavock, Springfield, Ill.	100
Vanity 2d, one year, sire Imp. Highland Champion, W. O. Sinclair, Ashland, Ill.	200
Rosebud Princess 3d, one year, sire Imp. Highland Champion, H. F. Waters	100
Red Lady of Shelby, seven years, sire Red Rosamond, and b. c., Geo. F. Mudd, ...	

Silax, Mo.	110
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BULLS.

Highland, one year, sire Imp. Highland Champion, C. B. Dustin, Summer Hill, Ill.	300
Highlander 2d, one year, sire Imp. Highland Champion, Wm. Walker, Pava, Ill.	225
Village Lad, one year, sire Village Chief, Geo. F. Mudd	125
Imp. Highland Champion, six years, sire Lovat Champion, Leeper Bros., Graham, Mo.	510
Pride of Riverdale, one year, sire Imp. Pride of the Realm, F. L. Hackler, Lee's Summit, Mo.	350

SUMMARY.

37 females	\$4,485.00; average....\$121.20
10 bulls	1,977.50; average.... 197.75
47 head	6,462.50; average.... 137.50

Thos. Johnson's Duroc Sale.

A large gathering of Ohio and Indiana breeders were present at the first annual Duroc sale of Mr. Thos. Johnson, at Columbus, Ohio, on Wednesday, November 7th. Iowa, Illinois, Missouri and Kansas were represented by mail bids. Messrs. Boyd & King, of Hillsboro, Ohio, topped the sale, paying \$200 for a November 16th yearling by Such Goods by None Such. She was a very fine sow and should be heard from in the show rings of the coming season. Messrs. Watt & Foust were the competing bidders and secured several of the best bargains in the sale by their prompt bidding. Messrs. Boyd & King secured a spring gilt of show-yard type out of Wilda, the highest-priced sow up to the time she was sold in either Indiana or Ohio. This gilt was sired by Corrector. The competing bidder was Mr. H. B. Griffiths, of Bowen, Ill., who during the past few weeks has secured some of the best Durocs offered at auction. Mr. Grant Chapin, of Greene, Kan., secured a good boar at \$90. Colonels Vinnedge and Iglehart conducted the selling in a satisfactory manner.

Lot.	Price.
1. Thos. E. Wright, Circleville, Ohio	\$40
2. Grand Chapin, Greene, Kan.	90
3. J. E. Spencer, West Jefferson, Ohio	45
4. J. M. Elliott, Hilliards, Ohio	35
5. Watt & Foust, Cedarville and Xenia, Ohio	60
Extra, 53, J. M. Elliott	35
Extra, 54, Watt & Foust	50
6. D. M. Creamer, Jeffersonville, Ohio	30
7. Boyd & King, Hillsboro, Ohio	100
8. J. L. Smith, Grovesport, Ohio	33
9. J. D. Nidlinger, Decatur, Ind.	55
10. L. R. Binns, London, Ohio	30
11. E. E. Breesse, Hilliards, Ohio	26
12. Boyd & King	200
13. Carpenter & Ross, Mansfield, Ohio	60
14. J. E. Spencer, West Jefferson, Ohio	36
15. J. H. Bell, Grove City, Ohio	31
16. J. D. Nidlinger	41
17. Shelton & Lowe, Manilla, Ind.	45
18. J. M. Elliott	50
20. E. S. Kelley, Yellow Springs, Ohio	47
21. J. F. Cummings, Grove City, Ohio	35
22. Watt & Foust	90
23. J. H. Bell	29
24. Thos. L. Woosley, London, Ohio	29
25. J. D. Nidlinger	28
26. S. A. Pearcey, Camp Chase, Ind.	26
27. C. C. Walcott, Columbus, Ohio	27
28. J. E. Spencer, West Jefferson, Ohio	27
29. H. E. Rainey, Grovesport, Ohio	26
30. Carpenter & Ross	40
31. V. E. Jordan, London, Ohio	33
32. C. C. Walcott	25
33. J. Chilton, Cambridge City, Ind.	34
34. J. E. Spencer	65
35. J. D. Nidlinger	60
36. J. C. Price, Georgeville, Ohio	25
37. Peter Fish, Grove City, Ohio	26
38. R. Lemberg	25
39. C. C. Walcott	25
40. Carpenter & Ross	25
44. J. C. Price	31
46. A. J. Blue, London, Ohio	31
47. Carpenter & Ross	38
48. C. J. McLaughlin, Pleasantville, Ohio	51
50. W. L. Ferrington, Milford Center, O.	26

Making Weight



The greatest weight at the least cost is the aim of the business farmer. It is a fact that the organs of digestion are accountable for every pound of weight and every ounce of milk produced. The question of increasing digestion was the aim of Dr. Hess when he formulated this famous prescription. From his experience, and such medical authorities as Professors Winslow, Quitman and Finlay Dun, he learned that bitter tonics improve digestion, that iron was the greatest blood and tissue builder, that the nitrates were essential to heavily fed animals in throwing off the poisonous material from the system.

DR. HESS STOCK FOOD

the prescription of Dr. Hess (M. D., D. V. S.) contains the above ingredients, and will prepare animals for market in sufficiently less time to pay for itself many times over, besides curing minor stock ailments. Sold on a written Guarantee.

100 lbs. \$5.00. } Except in Canada and extreme West and South. 25 lb. pail \$1.60. } Smaller quantities at a slight advance.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic, and this paper is back of the guarantee.

If your dealer cannot supply you, we will. DR. HESS & CLARK, Ashland, Ohio. Also manufacturers of Dr. Hess Foultry Pan-a-coe and Instant Louse Killer.

51. M. R. Grinnell, Yellow Springs, Ohio 30
SUMMARY.
56 head sold for \$2,261; average.....\$40.37

Craig & Foults Sale.

The dispersion sales of Herefords of Mr. L. W. Craig, of Bolckow, Mo., and Mr. John Foults, of Rea, Mo., on October 30th and 31st, drew but a fair-sized crowd. The sale was held at Mr. Craig's fine farm where every convenience was found for the entertainment of those who came. Mr. Craig had his cattle in nice, thrifty condition, but unfortunately all his cows had been dehorned some years ago and breeders are slow to buy dehorned stuff. Bidding was slow, yet on the forty-three head sold Mr. Craig received an average of \$61.10. Mr. N. W. Crockett, of Whitesville, Mo., who bid liberally on all the better stuff, bought several head, among which was the cow, Hulda, got by Sweepstakes, for which Mr. Crockett paid \$162.50, the top of the sale. Lot 73, a half sister to Hulda, also went to Mr. Crockett at \$132.50. Lot 86 also went to Mr. Crockett at \$100. Mr. Joseph Myers, of Guilford, Mo., took a number, among which was Lot 81, at an even \$100. Mr. Geo. Brent, of Rosendale, Mo., took several head, among which was Lot 65, at \$100. Kermit, Mr. Craig's herd bull, went to Mr. Ed Bedford, of Bolckow, Mo., for \$125. Other buyers were Messrs. L. Saunders, of Whitesville, Mo.; Jno. Bryant, of Savannah, Mo.; R. S. Montgomery, of Bolckow, Mo.; R. Hoshmer, of Maryville, Mo.; W. C. Townsend, of Bolckow, Mo.; Jno. Barrow, of Savannah, Mo.; Frederick Breit, of Bolckow, Mo.; S. A. Vanfossal, of Bolckow, Mo., and Hugh Whitford, of Guilford, Mo. Mr. Foults, who had not prepared his cattle for sale, withdrew after selling fourteen head.

Laurie's Duroc Sale.

Mr. T. E. Laurie held his annual fall sale at Jacksonville, Ill., on Tuesday, October 23d. Mr. John Robinson, Jr., of Fairmont, Minn., topped the sale, paying \$12 for a son of He's Our Pride. An average of \$23 was obtained on the entire offering. Cols. Reppert, Keil and Cox conducted the selling. A list of animals selling for \$20 or over is given below:

Lot.	Price.
1. Abe Dunwiddie, Litter, Ill.	\$23.00
2. C. W. Yeck, Concord, Ill.	30.00
3. Geo. W. Thompson, Jacksonville, Ill.	26.00
4. W. H. Rowe, Jacksonville, Ill.	29.00
5. G. W. Thompson	25.00
6. J. D. Neshit, Virginia, Ill.	26.00
12. Ed. A. Baxter	33.00
14. G. W. Baker, Pawnee, Ill.	41.00
17. Samuel Wilcox, Alexander	21.00
18. J. Coy Roach, Girard, Ill.	24.00
19. S. E. Wray, Springfield, Ill.	30.00
21. D. J. Chenoweth, Perry	23.00
22. Ben Davenport, Alexander	23.00
23. J. C. Harrington, Griggsville, Ill.	21.00
26. Harry Riggins, Petersburg	33.00
27. John Robinson, Jr., Fairmont, Minn.	42.00
28. E. F. Hurlbut, Stonington, Ill.	23.00
34. Ed. A. Baxter	27.00
34. Thomas & Hogsett, Golden, Ill.	23.00
36. Kraschel & Son, Macon, Ill.	31.00
41. Ira Sapp, Coon Rapids, Iowa	30.00
46. J. P. Plummer, Rochester, Ill.	21.00

The Homestead and The Homemaker
\$1.25 per year.

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is what the SECURITY BOOT was made for. Try it.

DURABILITY

is what you are seeking. Get it by insisting on having

the

SECURITY

LYCOMING DUCK BOOT.

It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

SNAG PROOF.

LYCOMING RUBBER BOOTS and SHOES are the best

money can buy. QUALITY in every inch of them.

If your dealer can't supply you, ask us how to get a

pair of SECURITY BOOTS. HAMILTON BROWN SHOE CO. ST. LOUIS.



THE WAGON BOX MANURE SPREADER.



We are reproducing here a cut of the wagon box manure spreader of the William Galloway Company, which is destined from this time forth to cut a considerable figure in the manure-spreader business. It seems that there is to be a saving of just about one-half on the cost of the spreader from prices now prevailing.

The state of Iowa has been good territory for manure spreaders for years. All the manufacturers have invaded it in force. The Galloway Company, located at Waterloo, Iowa, have been the first to take advantage of an excellent opportunity to greatly lessen the price and still, so they claim, not decrease the real value of the spreader. Every farmer has his own wagon gears. Why not use them to carry his spreader? The box with its gears and attachments are the whole of the spreader. The gears are the same as those of the ordinary wagon. There is no occasion for the farmer to buy duplicate gears and tie up \$65 in a spreader truck, useless eleven months in the year.

The new Galloway Wagon Box Spreader is sold at \$59.50, with freight paid to destination. It is also sent out on thirty days' free trial, so that the purchaser may know that it is easily fitted to his wagon trucks and that it is really all that is claimed for it.

The Galloway Company is not unknown to our readers. Many are now using the labor-saving new model Riding Harrow Cart, which was perfected by Mr. Galloway and has had such a remarkable sale for the last few years. The guarantee of the company on the new spreader is backed by a \$25,000 bond.

THE MARKETS.

THE MARKETS.

Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Nov. 3.....	704	22	9,088	2,054
Mon., Nov. 5.....	32,564	2,139	30,578	32,377
Tues., Nov. 6.....	7,515	1,151	16,430	29,098
Wed., Nov. 7.....	22,577	1,480	16,286	28,600
Thurs., Nov. 8.....	7,554	980	15,094	20,151
Fri., Nov. 9.....	3,300	829	19,414	9,384
Sat., Nov. 10.....	1,000	50	11,000	500

Total this week...	74,510	6,629	108,802	120,110
Previous week...	70,259	6,328	118,029	120,266
Cor. week 1905...	78,608	6,659	162,986	119,839
Cor. week 1904...	63,698	3,822	126,203	87,275

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., Nov. 3.....	1,106	2	600	448
Mon., Nov. 5.....	6,502	4,969	5,936	5,936
Tues., Nov. 6.....	4,535	117	1,937	13,195
Wed., Nov. 7.....	5,132	41	2,822	6,846
Thurs., Nov. 8.....	7,324	36	3,235	10,492
Fri., Nov. 9.....	5,962	203	3,724	8,388
Sat., Nov. 10.....	1,200	5	1,000	500

Total this week...	30,655	402	17,687	45,357
Previous week...	28,588	625	16,221	42,995
Cor. week 1905...	31,141	1,114	23,814	34,293
Cor. week 1904...	20,821	396	22,016	23,114

OTHER MARKETS.

South Omaha, Neb., Nov. 10.—Cattle—Receipts, 800; steady. Hogs—Receipts, 4,500; strong to 5c higher; top, \$6.25; bulk, \$6.10. Sheep—Receipts, 1,000 direct.

St. Joseph, Mo., Nov. 10.—Cattle—Receipts, none. Hogs—Receipts, 6,000; weak to 5c lower; top, \$6.20; bulk, \$6.12½. Sheep—Receipts, none.

National Stock Yards, Ill., Nov. 10.—Cattle—Receipts, 300, including 150 Texas; quiet. Hogs—Receipts, 3,500; 5c higher; top, \$6.30; bulk, \$6.15. Sheep—Receipts, 300; slow.

Messrs. Clay, Robinson & Co. write as follows under date of November 10th:

Receipts of cattle the past week have numbered 74,000 and have included a very considerable portion of western ranchers for so late in the season. Top price for fat cattle for the week is \$7.25, at which price we sold for Mr. Frank H. Trailer, of Marne, Iowa, nineteen head of 1,463-pound beefs of mixed Hereford and Short-horn breeding, full fed since last February. Prices show very little change from a week ago. There has been a good demand from all sources and the increased supply has been readily taken care of. There has been a big demand for feeding cattle the latter part of the week, or since Tuesday in fact, and as feeder buyers have bid on some of the low-price, short-fed, corn-fed stuff slaughterers have been compelled to pay a better price for that kind than early in the week. As the run of western cattle is now practically over, killers will henceforth have to look entirely to the corn belt for their supplies and, as from all advances there is no big number of corn-fed cattle to come to market during the next two months, we look for a very satisfactory trade. All classes of butcher stock is selling about steady with a week ago.

Trading in stockers and feeders was rather dull Monday and Tuesday, possibly due to the election falling on the latter day, but Wednesday there was a big attendance of buyers here and values stiffened considerably. We succeeded in buying on low spots several loads of cattle for customers as cheap as they could have been had at any time this season. On the present market good to choice feeders are quotable at \$1 to \$1.60, good to fancy stockers \$3.60 to \$4.25, medium to fair stockers \$2.75 to \$3.50; fair to good thin young cows \$2.25 to \$2.50, fair to good stock heifers \$2.25 to \$2.75, stocker and feeder bulls \$2.60 to \$2.85.

The run of hogs has been moderate, considerably smaller than last week and over 50,000 smaller than the corresponding time last year. The fluctuations of the past week

ONEIDA COMMUNITY TRAPS



The NEWHOUSE TRAP is the best in the world. It is a perfect machine. Hand-fitted! Thoroughly inspected and tested!

The VICTOR TRAP is the only reliable low-priced trap. Don't buy cheap imitations. Be sure the Trap Pan reads as follows:



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THE TRAPPER'S GUIDE
Send 25 cents for the Newhouse TRAPPER'S GUIDE. Tells best method of trapping and skinning game. Send to Dept. A.18 Oneida Community, Ltd., Oneida, N. Y.

HUNTER-TRADER-TRAPPER
The only MAGAZINE devoted to the interests of the trapper. Send to cents for copy. A. R. HARDING PUB. CO., Columbus, Ohio

LANDS AND HOMES FOR SALE

PRESIDENT ROOSEVELT
says: "Texas is the Garden of the Lord."

GREAT IS TEXAS

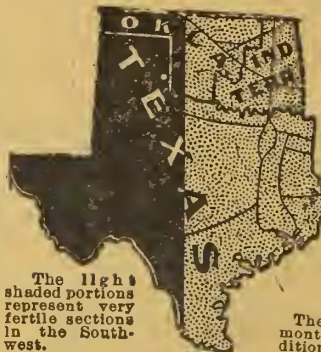
NO BETTER INVESTMENT PROPOSITION.

We say Amen! After having seen the lands of 14 agricultural states and 4 provinces of Canada, we think the lands south of San Antonio are the Center of the Lord's Garden. They are our specialty for homeseekers and investors. For free 32 page book of information on Texas, write or call on

INVESTORS & HOMESEKERS REALTY CO.

621 Hall Bldg. Kansas City, Mo.

Your Farm Pays for Itself in the Southwest



The light shaded portions represent very fertile sections in the Southwest.

It is not uncommon for a farmer in the Southwest to pay for his farm in one year. This can only be done where the crops are big, the prices good, and the land cheap. Precisely these three conditions exist in the Southwest. Good rich land can be bought for a small part of what land costs in your locality. This land will yield 50 bushels of corn to the acre, 30 bushels of wheat, 90 bushels of oats. The average prices received by farmers in the Southwest during the past five years was higher than the prices secured by farmers in your neighborhood.

Now is Your Opportunity!

You can sell your present farm—pay off the mortgage and have enough left to buy a big farm in the Southwest that will make you independent in a few short years.

Send for the "Coming Country."

The "Coming Country" is a very interesting paper published monthly and devoted to the Southwest. It will post you on conditions in the Southwest better than anything that you could read. I'll be glad to have the publisher place your name on the mailing list and send you a copy of the paper regularly for one year for 25c (half the regular price.) Write now to

S. G. LANGSTON, Sec'y., M. K. & T. Land Bureau, 306 Wainwright Bldg., St. Louis, Mo.

THE HOME TOOL KIT.

There is many a nick in many a good tool because it was not properly cared for. If tools are thrown together in a box or drawer, they are soon ruined.

To provide a set of good tools for the home and the proper place to keep them the Keen Kutter Tool Cabinets have been built, containing every tool that is necessary or useful, and each tool belongs to the famous Keen Kutter brand, which is the only complete line of guaranteed tools made.

Keen Kutter Tool Cabinets are the only ones made containing a set of tools under one name and trade mark, and guaranteed to be perfect in every respect.

Keen Kutter Tool Cabinets give the home man an opportunity to possess as good a set of tools, kept in as good condition, as the most experienced carpenter or cabinet-maker.

It is more necessary to have the best tools for the home than for the shop, because few men have the facilities for grinding, sharpening, resetting and restoring dulled or damaged tools at home.

The tools in Keen Kutter Cabinets are sharpened and tested at the factory, and must be perfect before they leave on their errand of service. They will hold their edges, temper, balance and adjustment indefinitely with proper care and ordinary use.

Keen Kutter Tool Cabinets and Tool Boxes are made in all sizes, containing various assortments of tools, and ranging in price from \$7.50 to \$100. All of them contain, in different varieties and numbers, saws, braces, bits, chisels, gimlets, awls, planes, hammers, hatchets, files, pliers, screw-drivers, wrenches, nailsets, reamers, rules, squares and all the necessary accessories that you would possibly need.

The Keen Kutter Tool Cabinet Booklet will be sent free to anyone on request by Simmons Hardware Company, St. Louis and New York, U. S. A.

Galloway Herd Book.

Volume 16 of the Galloway Herd Book will be ready for distribution immediately after the International Show. It will be illustrated with all the noted prize winners of 1906, and will contain a detailed list of awards of all the leading shows of 1906. Members desiring volume 16 immediately after it is issued should remit the usual fee of twenty-five cents to pay postage or express.—(Address Chas. Grey, Exchange building, Union Stock Yards, Chicago.)

Griffitts' Duroc Sale.

The fact that more boars were cataloged in Mr. H. B. Griffitts' Duroc sale at Bowen, Ill., on Friday, October 26th, than there seemed demand for, had a tendency to lower the average. The gilts, however, brought satisfactory figures. Mr. H. B. Loudon, of Clay Center, Neb., topped the sale, paying \$150 for a March gilt by Ambition, a prize-winning boar at Illinois State Fair, 1905, and again this year. The dam of this gilt was by Buddy K. IV., champion boar Illinois State Fair, 1905, and second prize aged boar, 1906. Mr. Loudon was a

FOR MEN ONLY

Real estate agents are informed that I will allow 5 per cent commission on sales of land which are made for me. Commissions to be deducted from price of land. I only have one Iowa farm left. It is in Monona county and contains 567 acres, but can be divided into three farms. I am offering the farm cheap.

Z. T. LINDSEY

OMAHA, NEBRASKA.

100% TO EVERYBODY.

Who Invests Now in S. E. Custer County

CENTRAL NEBRASKA.

CORN, WHEAT AND ALFALFA FARMS AND HOMES. PRICES \$15 to \$30 for a short time only. The very best and richest soil, excellent and abundant water, good, healthy climate, always good crops and a prosperous, intelligent community. Come and see for yourself. Come now. Address, P. H. MARLAY, Mason City, Neb.

FARM-BARGAINS.

In Southwest MINNESOTA. BEST of Black Loam Corn Lands. Farms that pay. Best values offered. Descriptive price list free. E. H. Crandall, Montevideo, Minn.

FOR SALE 480 Acres in the Red River Valley of North Dakota. New set of buildings, land all plowed, 2½ miles to R. R. town; 11 miles to county seat. For particulars write J. H. Hichen, Heading Ave., R. R. 3, Peoria, Ill.

LANDS! SOUTHWEST TEXAS—Tracts, 40 acres to 40,000. Low prices. Easy terms, fertile soil, beautiful climate. Write for three illustrated booklets. Allison-Jitney Land Co., Moore Bldg., San Antonio, Texas.

10-Acre Fruit and Truck Farms

EACH with new, three-room cottage. Price \$500. \$125 cash. Balance 1, 2 and 3 years. Act quick. C. L. FISHER, 203 N. 7th St., St. Louis.

In Beautiful Artesian Valley, With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to Miller & James, Meade, Kansas.

Oklahoma Farms for Sale In Noble County for corn, wheat, alfalfa; will sell you a well improved home cheap. Write A. W. Tucker, Perry, Oklahoma.

IOWA FARMS FOR SALE Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

GOOD corn and wheat lands for sale. Send for list. G. C. W. Lindsey, Wilsongville, Nebraska.

liberal bidder at many of the sales held in Illinois this year on the good class of stock. Messrs. McNeil Bros., of Bowen, Ill., topped the board offering, securing a son of Helen Blazes V., a litter sister to Helen Blazes III., at \$102.50. Colonel McGowan opened the sale and was assisted by Colonels Reppert and Keil. A list of animals sold follows:

2 Wm. H. Jewell, DeWitt, Neb.....	\$ 40.00
3 H. B. Loudon & Son, Clay Center, Neb.....	40.00
5 J. B. Kays, McNabb, Ill.....	45.00
Extra N. B. Cutler, Carthage, Ill.....	41.00
12 G. P. Luther, Tampico, Ill.....	26.00
13 O. E. Hecox, Bowen, Ill.....	25.00
15 M. W. Cain, Bowen, Ill.....	20.00
21 J. H. Norris, Bowen, Ill.....	80.00
22 McNeil Bros., Bowen, Ill.....	102.50
26 Same.....	25.00
27 Manlove Bros., Bowen, Ill.....	40.00
28 Wm. Shoup, Bowen, Ill.....	42.50
30 O. E. Hecox.....	25.00
31 Ed A. Baxter, Pawnee, Ill.....	42.50
32 H. B. Loudon & Son.....	150.00
33 J. H. Norris.....	50.00
34 Wm. Shoup.....	40.00
35 Ed A. Baxter.....	50.00
36 O. E. Hecox.....	38.00
37 N. B. Cutler.....	50.00
38 Wm. Shoup.....	38.00
40 Thomas & Hogsett, Golden, Ill.....	37.00
41 G. L. Martin, Bowen, Ill.....	22.50
42 Wm. Shoup.....	55.00
43 N. B. Cutler.....	32.00
44 Wm. Shoup.....	35.00
Extra Lamb Bros., Tecumseh, Neb.....	33.00

IN SUNNY COLORADO

The Land of Health and Wealth
A Valuable Farm For Sale.

Two miles southwest of Greeley; we have for sale one of the finest farms in Colorado, comprising 320 acres, all in cultivation; on the east 160 acres there is a comparatively new two-story, eight-room colonial residence with all modern conveniences, such as running hot and cold water, bath and water closet, mantels, etc.; elegant large rooms and spacious concrete porches; has new poultry houses, 30x90 feet, large stables and barns, corrals and sheds, potato cellars for 6,000 bushels. The house is inclosed with a grove of large hardwood trees with a thrifty orchard in the rear and a large kitchen garden, two shingled and plastered houses for help, tool sheds and workshops, etc.; on the west 160 acres may be found the ordinary tenement house, with barns, sheds, windmills, roothouse, etc.; crops this year will amount to probably 4,000 bushels oats, 5,000 sacks potatoes, 300 to 400 tons alfalfa, 600 bushels wheat, sugar beets, etc.; probably as good water right as exists in the state, and the water stock worth about \$14,000; will sell the farm, independent of crops, live stock and machinery, for \$35,000; will divide and sell either half, or sell in eighties if need be; will give terms; farm will easily pay for itself with few years' crops; south ½ section 24, township 5, range 66.

J. S. FLOWER & CO.,

1718 Broadway, Denver, Colo.

TEXAS LAND

ARE YOU INTERESTED?

WE have for sale lands in the Texas Panhandle, on the line of R. R. all the way from Oklahoma to New Mexico, from ¼ section to 10,000 acres, at prices ranging from \$5 to \$20 per acre. Why go from 10 to 40 miles from R. R. to buy lands when you can buy it at the same price along the railroad—and frequently near large towns? Stop and give this question your attention, and write to us or call and see us. Correspondence solicited. Join our next excursion for Texas.

BOYER & PETERSON,

Texas Land Dealers.

408-410 Humboldt Bldg., Kansas City, Mo.

Home Telephone, 2460 Main.

Iowa Farms For Sale and For Rent.

FOR RENT—1-160; 2-230; 1-230; 1-240. All good, well-improved farms; will rent for two-fifths of the crop, and \$2.50 per acre for pasture and meadow. Bring references. We have 4-160; 1-230; 1-240; 1-320, which we can sell on payments of \$2,000 per quarter or \$12.50 per acre cash, and easy payments on the balance; low interest rate; price from \$15 to \$90 per acre; possession next March. We have over 100 bargains for cash right here in the Corn Belt of Iowa, where land has got to advance. Write today for catalog and map of Iowa; it is free. The Allen Land & Loan Co., Laurens, Iowa.

WHY PAY RENT?

WE will sell you improved farms in Pulaski Co., south Missouri, at \$5 to \$15 per acre, on easy terms. Raise fruit, vegetables, grass, corn, etc. On main line R. R. Let us tell you more about it. Write now.

DAVIS BROS. REALTY CO.,

544 New Ridge Bldg., Kansas City, Mo.

FOR SALE.

160 ACRES—One mile from Gibbon, Neb., all level land, alfalfa and other grasses. Five-room house with water. Stable for nine horses, cow stable, hen house, hog houses and granaries. Four hundred rods of hog fence. Telephone and R. F. D. Price \$70 an acre. L. C. Mitchell, Shelton, Neb.

120 ACRE farm \$650. Good soil, house, spring, southern Mo. McGrath, 2940 Prairie, St. Louis

LANDS AND HOMES FOR SALE

CORN LANDS IN SOUTH DAKOTA.

PRODUCE as much wealth per acre as the \$100.00 to \$125.00 per acre corn lands of Iowa or Illinois. Our lands can be bought now at \$25.00 to \$50.00 per acre according to location and improvements. Write today for our 32 page illustrated pamphlet. IT'S FREE.

Big Sioux Valley Land Co. SIOUX FALLS, S. D.

A FINE ALFALFA, CORN & WINTER WHEAT FARM

MY FINE farm located in Buffalo County, 480 acres for sale, all fine black loam land 350 acres under cultivation, balance pasture and wild hay meadow, 80 acres alfalfa. There is over \$10,000.00 worth of improvements on this land, a fine large new house, two large barns, two granaries, two corn cribs, scales, feed yard, wells, windmills and cisterns, tanks and an engine to pump water, two large hog houses, two hog pastures, all fenced and cross fenced, close to four different churches, rural mail by the door, telephone in the house, one mile to school, five miles to Riverdale, twelve miles to Kearney, located in fine neighborhood, one of the finest homes in the state. The owner lives on the land, 100 acres now in winter wheat. This farm bears the highest investigation. Price \$60.00 per acre. Also a fine little home of 20 acres, good improvements close to Kearney. Price \$2,000.00. Address the owner, W. H. GRASSMEYER, RIVERDALE, NEB.

ORANGE, WALNUT, ALFALFA LANDS 60 Minutes from Los Angeles

On the famous Chino Ranch. Ten acres will make you independent. \$75 to \$150 per acre. Land produces every day in the year. Write today for illustrated booklets. CHINO LAND & WATER COMPANY 516 Wilcox Bldg., Los Angeles, Cal.

Let Me Sell Your Farm

If it is a desirable property and your price is reasonable, I CAN SELL IT. More homeseekers and land buyers go through and stop off at Kansas City than any other five cities. Can send buyers to look at property anywhere if desired and owner can make deal, paying my commission from proceeds. Send description and state cash price. IF YOU WANT TO BUY Write Me Your Wants.

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349 K. C. Life Bldg., KANSAS CITY, MO.

IOWA FARMS

FOR SALE BY THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Midway Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, HAMILTON BROS., WINTERSSET, IOWA

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. BOX 151, INDEPENDENCE, IOWA

COME TO PAYNE COUNTY, OKLAHOMA. This banner corn, wheat, cotton and for diversified farming county in Oklahoma. The home of the A. & M. College. Plenty of rainfall to mature crops. Write for folders or call and see us. SVOPE & CO., Real Estate and Loan Agts., Stillwater, Okla.

FARMS, STOCK RANCHES, CITY PROPERTY DOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank, Hartford Land Co., Hartford, Kansas.

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment. BOX 81, INDEPENDENCE, IOWA

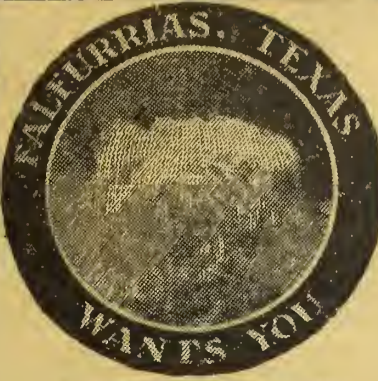
Missouri Farms. Write for State Map, Booklet and Weather Report. Send Free. BAZEL J. MEEK, Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

FOR SALE—1233 acres in Lipscomb Co., Texas, four miles from Oklahoma line. Every rod of it is level black loam. Chance for big wheat farm. Yield in county, 1906, wheat 32, oats 80, corn good. Milo J. Owen, Barton, Va.

FARMS FOR RENT. Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. Northern Iowa Land Co., Independence, Ia.

FOR SALE, S. E. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$18 per acre, reasonable terms. Frank Pearce, Fredericktown, Mo.



117,000

Acres Richest Sandy Loam Land
in the ARTESIAN BELT of

Falfurrias

In Gulf Coast Country of
South Texas.

The Fountain of Health and Wealth.

\$14 to \$25 per acre. Terms: One-third cash, balance in one, two, three and four years at 7 per cent interest. THE BEST FRUIT, GARDEN and FARM LAND. HEALTHFUL CLIMATE and ARTESIAN WELLS. Our farmers RAISE CROPS \$50 to \$300 PER ACRE. Let us prove this to you. Write for FREE literature and the latest map of Texas.

FALFURRIAS IMMIGRATION CO., INC.,

No. 3 West 10th St., Kansas City, Mo.

INVESTORS AGENT AND COLONIZERS. LARGE TRACTS FOR INVESTORS.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you, 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal living farm and \$45 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

BUY YOUR LAND IN THE BIG BEND COUNTRY

OF EASTERN WASHINGTON, where you get not only the best of lands at low prices, but also get located in the finest climate, where crop failures are unknown; no bugs, flies or rust; freedom from electrical and destructive wind and hail storms; where fruits of all kinds do well. This is no experiment, as the country has been thoroughly tested. Special inducements to parties buying this fall. Railroad fare refunded to purchasers. Write for pamphlet to

THE BIG BEND LAND CO.,
Dept. I WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
LARAMORE, Capital and Surplus, \$250,000.00.
NORTH DAKOTA.

Farm Bargains in Missouri.

I OWN THE FOLLOWING IMPROVED farms in Missouri which I am willing to sell at \$5 per acre less than the real cash value of same; splendid soil and well located; will give time on one-half the amount at a low rate of interest, if desired: 80 acres, Gentry county, near Stanberry. 120 acres, Gentry county, near Stanberry. 160 acres, Gentry county, near Stanberry. 80 acres, Nodaway county, near New Conception. 80 acres, Barton county, near Inthia. 100 acres, Benton county, near Fristoe. 200 acres, Dallas county, near Louisburg. Write for full description to Alvin C. Frisbie, 401-B, N. Y. Life Building, Kansas City, Missouri.

YOU WANT LAND

BUT do not buy before looking over the proposition around Gibbon, Buffalo County, Nebraska, the center of the famous Wood River Valley country. If impossible to come at once, write for my new list of well improved farms close to town and school.

L. P. SARGENT, Gibbon, Neb.

Missouri and Kan. Farms

CHOICE, CHEAP, FARM BARGAINS.

95 ACRES well improved Leavenworth County, Kansas farm. Good residence, barns, etc. 25 miles from Kansas City. 2 1/2 miles from railroad station. Price \$4,300. Part time.

248 ACRES. One of the choicest and best finely improved farms near Kansas City. Price \$18,000, about \$75 an acre. This is choice ground; choice location 1 1/2 miles from railroad station and 25 miles from Kansas City. Part time if wanted.

We have others. Come and see us or write for bargains close to Kansas City.

ALLEN INVESTMENT CO.
Cor. 9th and Wyandotte Sts. Kansas City, Mo.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

EASTERN KANSAS FARMS! Near Kansas City at \$40.

240 Acres: Sixty miles south of Kansas City, 3 miles from nice little town with two banks, 6 miles from good Catholic town; very nicely improved. Large house, good repair, good barn and outbuildings; lots of apples, grapes, pears, etc. The home place is all in crops and tame meadow fenced and crossed with hedge and wire, lies low and level (don't overflow), deep black soil, good water and a very healthy place. The 80 lies across road and covering only a few rods from barn and is all in pasture, 65 acres has been in other crops, but is now in tame grass, fenced with wire, a little shade; this is also good land (about 10 acres has a little limestone); clean of weeds and clear of encumbrance, \$40 per acre, half cash.

390 Acres: Five miles from above farm and being only better town, in crops as follows: 120 acres timothy and clover, 80 acres corn, 41 acres fall wheat, 60 acres natural blue stem meadow, 40 acres English blue grass, balance Kentucky blue grass; feed yards, large old orchard, immense shade in fine yard; buildings are, 1-room dwelling, newly painted, with good cellar, 6-room tenant house in corner of yard, stone horse barn, hay shed for 200 tons baled hay, cattle sheds, hog sheds, crib, tool house, small stable with 6 box stalls; waterworks supply house, barns, feed lots and pasture. No encumbrance, \$40 per acre, one-third cash, balance five years.

84 Acres: One mile from town near the above farms, 4-room house, quite a large, well-built barn and four or five sheds; good cave, fair orchard, land nearly level and good little farm; land adjoining held at \$50. Can sell this, same quality of land at \$45 per acre.

160 Acres: Two miles from Amoret, Mo., and 25 miles east of last named farm, all tillable except 10 acres of timber, which is mostly pecan. Good 1-room house, all necessary outbuildings; well fenced and cross fenced; fruit of all kinds, about 3 acres fine apple orchard, bearing; all kinds berries, grapes, pears, peaches, pecans, black walnuts; \$47 per acre, can give good terms.

FURTHER, these farms are connected by telephone and are on mail routes; they are either dark red or black limestone soil; is a comparatively smooth prairie country; it is an old settled farming community, where the improvements compare favorably with the homes of the readers of this paper.

WE have been in the banking business in the locality of these farms for a number of years and know of 30 or 40 good farms there offered for sale; we have endeavored to anticipate inquiries concerning the country and if anyone reading this advertisement is desirous of obtaining a good farm home at from \$35 to \$50, two hours' ride from Kansas City, they may come to our office and go with a member of the firm to look at the farm; in the event of a sale, their railroad expenses to be paid by us.

W. H. SLAUGHTER & CO.,
221 Dwight Bldg., Kansas City, Mo.

ONE IOWA ONE MADISON CO.

ONLY A FEW OF THE BEST BAR-
GAINS I HAVE FOR SALE

120 acres @ \$55 per acre
40 acres, a snap, @ 75 per acre
80 acres @ 65 per acre
80 acres @ 75 per acre
40 acres @ 70 per acre
All within a mile of town, highly improved. For full particulars address,

E. J. TRUMBAUER,
PATTERSON, IOWA.

Listen, Mr. Farmer. If you're going to get any of this NORTH DAKOTA LAND WHILE IT'S CHEAP,

let me, as a Land Dealer of many years experience, advise you Not to put it off. Send me your address. I'll show you how easy it is to better your condition. A. B. MALIN, Kulm, N. Dak.

"Garden Spot" of Missouri

If you want land from \$15 to \$25 per acre, that is the richest, no stone, no hard pan, no over plow, all level, not a foot of waste land, that will yield 60 to 100 bu. corn any kind of a year like we have had for past ten years, that has not yielded less than 20 bu. of wheat any year for last ten, that has from 5 to 8,000 ft. of good lumber on it, write,

S. E. NEWHOUSE,
617 Frisco Bldg., St. Louis, Mo.

WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$80 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

Sub-Irrigated Lands

NEAR Denver, selling rapidly. Invest now before the rail in price. Great opportunities for homeseekers. Small cash payment and long time on deferred payments.

W. F. SHELTON LAND AGENCY,
215 Sheldley Bldg., Kansas City, Mo.

NOTHING LIKE THIS.

2 800 ACRES; Eastern Kansas; 500 cultivation; all but 200 good farm land; all black limestone soil; good buildings; running water and wells; price \$32.50 per acre. For further information and plat write:

Willis & Co., Sale Agts., Emporia, Kan.

RANCH IN FLOWING WELL BELT.

720 ACRES of farm meadow and pasture land. Will cut 180 tons of hay. 400 acres in pasture. Three flowing wells. Write for terms.

H. S. WHITE, Amella, Neb.

EASTERN OKLAHOMA.

LAND will double in value in the next 5 years as land in Iowa and Illinois land. Come now while you can buy for \$20 to \$35 per acre.

H. C. POWDER & CO., PERRY, OKLA.

When writing please mention this paper.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Nov. 20, Hood & Baker, Dunlap, Iowa.
 Nov. 27, Closing out sale, boars and sows, J. F. Lentz, Earlham, Iowa.
 Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeill Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, C. L. Strayer, Ocheyedan, Iowa.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, J. C. Danner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 6, W. D. Pittman, Lake City, Iowa.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Krachel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 11, J. A. Teter, Remington, Ind.
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelbina, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, Watt & Foust, Cedarville and Xenia, Ohio.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, J. H. Hahenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Ia.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Wm. Sanstead, Holdrege, Neb.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, M. A. Sellers & Son, Huntley, Neb.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, S. J. Tillman, Ragan, Neb.
 Feb. 28, Geo. Karchner, Wilcox, Neb.

THE ONLY WAY DUCOC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweitzer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 March 1, C. C. Warren, Wilcox, Neb.
 March 2, A. A. & W. G. Karchner, Wilcox, Neb.

POLAND CHINAS AND HEREFORDS.

Feb. 14, Peter Mouw, Orange City, Iowa.

REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hart, Arrowsmith, Ill., Mgr.
 O. I. C. HOGS.

Jan. 18, J. L. Barber, Harlan, Iowa.

SHORT-HORNS, POLLED DURHAMS AND POLAND CHINAS.

Nov. 15, J. C. Glaser, Avon, Ill.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

THOROUGHbred HOGS AND CATTLE.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Nov. 20, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 24, W. M. McLemore, Seward, Neb.
 Nov. 27, 28, Parsons, Turner & Stewart, Newton, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Nov. 30, Wayne County Short-horn Breeders' Ass'n, J. S. Crosby, Secy., Corydon, Iowa.
 Dec. 7, H. S. Duncan & Sons, Clearfield, Ia.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 11, W. J. McLean, Rock Valley, Iowa.
 Dec. 12, Combination sale at Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 12, J. W. Hanna & A. Robertson, Garrettsville, Iowa.
 Dec. 12, David City, Neb., W. C. McGavock, Springfield, Ill., Manager.
 Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 15, Holdrege, Neb., W. C. McGavock, Springfield, Ill., Manager.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, A. H. Brett, Mason City, Iowa.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, Joint Breeders' Sale, Marysville, Kan., F. P. Healy, Mgr.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Dec. 19, C. A. Saunders, Manila, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 March 20, James Stack, Harvard, Neb.
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.

ABERDEEN ANGUS.

Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 22, J. Nissen, Meservey, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 19-20, Hal. T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1-2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4-5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

HEREFORDS.

Nov. 21, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 June 18, Hood & Baker, Dunlap, Iowa.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.

SHORT-HORNS AND DUCOC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

SHORT-HORNS AND POLAND CHINAS.

Nov. 21, Saddle Bros., Hastings, Neb.

SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.

Nov. 27-28-30, South St. Paul, Minn., D. R. Mills, Mgr.

SHORT-HORNS AND POLLED DURHAMS.

Nov. 15, L. W. Barnhart, South English, Iowa.

POLLED DURHAMS AND POLAND CHINAS.

Nov. 15, S. B. Wenger, South English, Iowa.

GALLOWAYS.

Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.

Dec. 6, American Galloway Breeders' Ass'n

POLAND CHINAS.

Nov. 15, A. L. Meith, Cairo, Neb.

Nov. 17, J. H. Harvey & Son, Maryville, Mo.

Nov. 26, G. B. Lobb & Son, Clay Center, Neb.

Jan. 3, E. H. Andrews, Kearney, Neb.

Jan. 22, Roy Rockwell, Paulina, Iowa.

Jan. 31, W. F. Garrett & Sons and John H. Harvey & Son, Maryville, Mo.

Feb. 2, Bert Fry, Clearfield, Iowa.

Feb. 5, Henry Dorr, Remsen, Iowa.

Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.

Feb. 9, Wm. Ray & Son, Defiance, Iowa.

Feb. 11, Dan Needham, Woodward, Iowa.

Feb. 12, Jas. Watson, Madrid, Iowa.

Feb. 12, Reubel Bros., Rockwell City, Iowa.

Feb. 13, E. D. Keasey, Wota, Iowa.

Feb. 15, H. H. Styer, Whittemore, Iowa.

Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.

Feb. 19, C. F. Hood, Battle Creek, Iowa.

Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.

Feb. 20, A. C. Lanham, Battle Creek, Iowa.

Feb. 20, W. J. Crow, Webb, Iowa.

Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.

Feb. 20, C. W. Phillips, New Sharon, Iowa.

Feb. 21, W. N. Booth, Danbury, Iowa.

Feb. 22, Chas. Cook, Danbury, Iowa.

Feb. 27, W. W. Wheeler, Harlan, Iowa.

PERCHERONS AND CLYDESDALES.

Dec. 13, A. H. Brett, Mason City, Iowa.

PERCHERONS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.

Jan. 25, M. S. Moats & Son, Randolph, Neb.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

JACKS AND JENNETS.

March 5, L. M. Monsees & Sons, Smithton, Mo.



FROM DRUDGERY TO BUSINESS SUCCESS IS A SHORT STEP

Thousands of boys grow to manhood toiling at the hardest kind of work because they do not know that good business positions are within their grasp.

Big commercial houses and railroad companies want capable young men. They have positions as bookkeepers, shipping clerks, cashiers, stenographers, telegraphers, etc., which they can't fill satisfactorily because the right kind of boys are scarce. Banks, wholesale houses, railroads and packing companies have standing orders with Boyles Business College for all the competent young men and women the college can turn out.

FARM BOYS PREFERRED BY ALL BIG BUSINESS HOUSES

They prefer farm boys because of their steady habits and willingness to work and learn. Used to outdoor life farm boys have health and strength. Used to work, they don't shirk. Men at the head of the largest mercantile houses in the United States were once boys on the farm. Business men know this and prefer farm boys.

A boy of ordinary intelligence and industry can equip himself by a course in a business college to fill one of the many good positions waiting for competent young men.

Boyles Business College is the largest commercial school and institute of shorthand and telegraphy west of the Mississippi River. Owns and occupies an entire building. It has a large staff of competent instructors. Graduates are assisted to positions. Students may work stenographers, bookkeepers, or telegraphers. Write today.



BOYLES BUSINESS COLLEGE,
 1804 HARNEY ST., OMAHA, NEB.

NO-TAR ROOF ROOFING MADE WITHOUT TAR, AS I MAKE MINE, WILL RESIST FIRE. LET ME TELL YOU WHY

I INVENTED many of the good asphalt roofs that are sold.

Five years ago I invented one of my own that resists fire and is better than any of the others.

Send me your name and address on a post card, and I will tell you all about this roof and how it secures lower insurance rates. I will also send you a sample of it to test, and a copy of my FREE book on how to lay roofing with no tools but a

sharp knife and a hammer. My book also tells why my "No-Tar" Roofing is the only roofing that is weather, water, acid and almost wear proof, as well as Fire Proof.

"No-Tar" won't crack in cold weather, won't melt in warm weather, and lasts as long as the building.

You ought to send for my book at once, if you have any roofs that need attention.

Write me a post card today. Do it before the matter has a chance to slip your mind.

O. A. Heppes, Secretary, THE HEPPESS CO., 2401 Fillmore St., Chicago.

FIELD NOTES.

Mr. Grant White, of Afton, Iowa, has a few Duroc Jersey boars for sale.

Six choice Duroc Jersey boars are offered for sale by Mr. Z. T. Kinsell, of Mt. Ayr, Iowa, at \$25 apiece.

Some good Hereford bulls and cows and heifers are offered for sale by Mr. J. G. Von Seggern, of Wisner, Neb.

Thirty choice Single Comb Brown Leghorn cockerels are offered for sale by Mr. Jno. C. Miller, of Harlan, Iowa.

Some very choice White Plymouth Rock cockerels are offered for sale by Mrs. T. A. Baldwin, of Emmetsburg, Iowa.

A brood sow sale of Poland China hogs is announced to take place on February 2d, by Mr. Bert Fry, of Clearfield, Iowa.

Read the advertisement of Mr. J. C. Hoag, of Manson, Iowa, if you want something good in the way of a Poland China boar.

Thirty-five Duroc Jersey boars, sired by the \$300 boar, Glendale Jim, are offered for sale by Mr. J. S. Golder, of Scribner, Neb.

Poland China boars at greatly reduced prices, just to make room, are offered for sale by Dr. H. Pritchard, of Wisner, Neb.

Mr. W. J. Hartung, of Maxwell, Iowa, names February 9, 1907, as a date for holding his public sale of Duroc Jersey swine.

Mr. W. F. Kilpatrick, of Harlan, Iowa, is offering White Wyandotte cockerels for sale and will be pleased to hear from any of our readers.

Pure White Wyandotte cockerels are offered for sale at low prices by Mr. W. S. Gregory, of Keota, Iowa, on page 29 of this issue of The Homestead.

Percherons and Percherons only is the motto of that reliable firm of Messrs. L. H. Humbert & Son, of Corning, Iowa. They also have a few Percheron mares for sale.

Fifteen very choice Hereford bulls are offered for sale by Mr. Z. T. Kinsell, of Mt. Ayr, Iowa. He also offers to sell fifteen of his very best heifers. There is no better breeding than is behind these cattle.

Messrs. Peter Hopley & Son, of Lewis, Iowa, have a grand lot of Percheron, Shire, Suffolk and German Coach stallions for sale, the best they have ever had. They also offer a few very choice Suffolk fillies for sale. Write them about these at once.

Mr. Hal T. Hooker, of Maryville, Mo., claims Mar. 19th and 20th for his sale of Aberdeen Angus cattle, the sale to be held at South Omaha, Neb. Future announcements will tell of the offering. Watch these columns for particulars of the sale.

Corn, wheat and alfalfa farm lands are offered for sale in central Nebraska by Mr. P. H. Marlay, of Mason City, Neb., in his advertisement on page 22 of this issue of The Homestead. He states that these are the very best and extra choice, with excellent and abundant water, in a good healthy climate, always raise good crops, and in a prosperous, intelligent community. Mr. Mar-

lay invites inspection and would be pleased to hear from any Homestead reader who contemplates investing in Nebraska land.

Dept. E. F. P. Agency, of Ames, Iowa, is offering a fountain pen for thirty cents postpaid in their advertisement appearing on page 27 of this issue of The Homestead.

On page 29 of this issue of The Homestead appears the advertisement of Mrs. G. R. Fuller, of Rolfe, Iowa, offering Buff Orpingtons and Buff Plymouth Rock cockerels for sale.

Mr. John H. Krehbiel, of Donnellson, Iowa, has a few Chester White hogs for sale. His advertisement appears on page 36 of this issue. Write him for prices and other information.

A few very excellent Poland China boars are offered for sale by Mr. Henry Dorr, of Remsen, Iowa. These are sired by his great herd boar, Dorr's Tecumseh. Write him at once if you want one of the good ones.

In a recent issue of The Homestead we reported that Messrs. Osborn Bros. had sold their Poland China boar, Onward 102447, to Mr. C. L. Thayer. This was incorrect. They sold their hog to Mr. C. L. Thayer, of Fostoria, Iowa.

Mr. E. J. Trumbauer, of Patterson, Iowa, is offering Chester White swine for sale on page 29 of this issue. He writes that he has weighed a few of these lately and they run from 200 to 250 pounds. If wanting good Chester White boars write Mr. Trumbauer for prices.

Messrs. J. Crouch & Son, of Lafayette, Ind., the well-known importers of German Coach, Percheron and Belgian horses, have a new advertisement on page 29 of this issue which will interest all readers of this paper. Further particulars will appear in these columns next week.

Mr. W. D. Pittman, of Lake City, Iowa, writes as follows: "I recently bought a male pig out of Nancy 8th, sired by old Orion, which cost me \$232.50. I will use him on Ohio Chief, Zoov Orient, Crimson Wonder Jr. and a Tip Nother sow which I will offer for sale on February 6th."

Mr. Edward Dooley, of Selma, Iowa, has Rose Comb and Single Comb Brown Leghorns, White Plymouth Rocks, Silver Laced Hamburgs and Cornish Indian Games for sale as per his advertisement on page 12 of this issue of The Homestead. He also has white Pekin ducks for sale.

The man who has not bought his Duroc Jersey herd boar should write to Mr. Roy E. West, of Churdan, Iowa, and do it right away. He has some good boars for sale and he is making very reasonable prices on them. He needs the room and if any of our readers need a boar they can very easily do business.

Four hundred and eighty acres of land in the Red River valley of North Dakota are offered for sale by Mr. J. R. Hicken, of Peoria, Ill., as per advertisement on page 22 of this issue of The Homestead. There is a new set of buildings on this farm; the land is all plowable and it is located two and one-half miles from railroad town and eleven



1295 Portland-CUTTER

Can furnish cutters for \$12.95 and upward guaranteed equal to those retailed locally for \$10.00 to \$15.00 more than our price. Worth saving. Isn't it? Send for Special Circular. Largest line ever shown. Lowest prices ever known on good work. Many styles built in our own factory. Bob-Sleds at \$9.55. Write today.

MONTGOMERY WARD & CO.
 Chicago and Kansas City.

miles from county seat. For further particulars write Mr. Hicken.

Mr. B. R. Burt, of Coggon, Iowa, breeder of Chester White swine, writes: "I have had a nice sale, but still have left some good boars of April farrow and some very choice gilts of March and April farrow that I am pricing well worth the money." See Mr. Burt's advertisement on page 35 of this issue.

Mr. C. N. Gerard, of Bradford, Ill., is offering Houdan cockerels, Toulouse geese, Rouen ducks and Belgian hares for sale in his advertisement appearing on page 12 of this issue. They are prize winners and he wants Homestead readers to write him for prices and other information in regard to his stock. He guarantees satisfaction.

Mr. L. C. Welch, of Bedford, Iowa, in sending copy for his advertisement which will be found on page 39, writes: "I have five Duroc Jersey boars still on hand and they are good ones. One of them is a top notcher. These fellows are heavy boned, with length, plenty of scale and a good rich cherry color, and I am making prices that will move them."

The new advertisement of Mr. J. A. Bell, of Allison, Iowa, offering Chester White boars of March and April farrow for sale, will be found on page 29 of this issue of The Homestead. Mr. Bell writes: "These pigs are extra length, have heavy bone, good hams and shoulders, good back, good coat of hair and will weigh from 150 to 250 pounds." Mr. Bell will sell these pigs C. O. D. if desired.

The Short-horn man who is wanting a herd header, a pure Cruickshank, and an individual combined, should lose no time in seeing Mr. C. C. Norton, of Corning, Iowa. He has three or four young bulls on hand that are good enough to head any herd in this country, or any other country. They don't breed them any better than these. Write Mr. Norton about these at once, but a better way is to go and see them.

Mr. M. A. McWilliams, of Wall Lake, Iowa, who announces a public sale of Duroc Jersey bred sows on February 22d, writes that his sows are doing extra well this year, and especially his Orion J. gilts. These will be bred to a grandson of Duroc Challenger and other good boars. He writes: "I still have a few choice March boars for sale sired by Orion J. They are fine growthy fellows and are priced at living prices."

Mr. W. W. Vaughn, of Marion, Iowa, has some lengthy, well-formed, strong-boned Chester White boars of March and April farrow for sale. They are ready for active service and will be quoted at moderate prices. He has thirty of these that he wishes to sell at once. He also has gilts, either open or bred, that he will be pleased to quote prices on to Homestead readers. His advertisement in its new form will be found on page 36 of this issue of The Homestead.

Twenty-five pedigreed Poland China pigs of both sexes, at reasonable prices, are offered for sale by Mr. Samuel Locke, of Selma, Iowa, in his advertisement on page 29 of this issue of The Homestead. Mr. Locke writes: "These pigs are of Perfection, Tecumseh and Wilkes breeding. They are large with nice coats, heads and ears. They have good bone, are growthy and cannot help but please the buyer." He has shipped pigs this season to Oklahoma, Nebraska and Missouri.

Messrs. Reubel Bros., of Rockwell City, Iowa, are offering twenty March and April Poland China boars for sale in their large advertisement found on page 29 of this issue. These boars are sired by R's Keep On, Iowa Chief and other noted sires. They are long, growthy fellows, of good color, heavy bone and smooth, out of large, roomy sows and weigh from 175 to 200 pounds. If any reader of The Homestead is in need of good Poland Chinas, we advise them to correspond with Messrs. Reubel Bros. at once.

A few good Duroc Jersey boars, sired by Crimson Wonder Again, the Iowa State Fair sweepstakes boar, and out of a granddaughter of the World's Fair sweepstakes boar, Tip Top Notcher, are offered for sale by Mr. Grant Summers, of Malvern, Iowa. His prices on these are very reasonable, considering how they are bred. He also has some splendid boars, sired by Lottie's Top Notcher, a son of Top Notcher Again, the World's Fair boar. Read his advertisement on page 29 of this week's Homestead and write him right away, as these will go quickly.

The Duroc Jersey herd boar, Crimson Model 41275, a half brother to Iowa Banker, is offered for sale on page 39 of this issue by Mr. L. L. Woods, of Grinnell, Iowa, who also has some of his pigs from sows by Gay Advance 28775 for sale. Mr. Woods writes: "The sire of this boar is Reed's Model 23889, dam Big Nellie 26352, the dam of the great show and breeding boar, Iowa Banker 23891. He was two years old November 1st, is an extra good one and is a bargain for anyone who can use him. I am keeping a lot of his gilts and have no further use for him."

Mr. R. C. Poston, of Corydon, Iowa, is offering fifty topdy Duroc Jersey boars and gilts for sale in his advertisement on page 29 of this issue. He reports that these are a choice lot sired by Junior Jim and Arion. They are of good bone, color and length, and, in fact, on all points are excellent. They will develop into the good hogs their breeding shows they should. He will price these for the next thirty days so they will sell, and if readers of The Homestead want good breeding stock they should write Mr. Poston at once.

Mr. W. J. Prather, of Russell, Iowa, writes in regard to his Duroc Jersey swine, an advertisement of which appears on page 38 of this issue: "I have some good growthy gilts for sale by Proud Advance and Top Notcher Again. Some of them are of extra length. I also have a fine bunch of gilts and as I will not have a sale I will sell them bred or open, with more than sale expenses off. If any reader of The Homestead is in need of something lengthy, I have them sired by the second-prize yearling at Des

Moines this year and the third-prize at the Nebraska State Fair."

Messrs. J. H. Hamilton & Son, of Guide Rock, Neb., wish to announce that they will hold their annual Poland China brood sow sale February 16, 1907. There will be sows in this sale sired by Mogul, sweepstakes boar of 1905, and bred to I Am Allerton by I Am Sunshine, one of the best yearling boars we have had the pleasure of looking at this fall. They also have a yearling Short-horn bull that should go to someone who is looking for a good one. His sire was Lancaster Royal by Imp. Prince Oderic, dam Anna Lec 5th by Sir Richard.

Mr. Fred Ehendorf, breeder of Poland China swine, of Strawberry Point, Iowa, in furnishing copy for his advertisement found on page 29 of this issue, writes: "I am shipping today some Silver Laced Wyandotte cockerels to Nebraska and a good spring pig to Mr. James McKilrick, of Zwingle, Iowa. The boars that I am offering for sale are long, deep, broad backed and are in shape to do the buyers good. They are of Tecumseh and Perfection breeding and weigh from 370 to 400 pounds and are not fat. I will soon be offering for sale a fine lot of bred sows. They will be bred to Hustle On and a son of Impudence, Spellbinder and others."

The White Oak herd of recorded Duroc Jersey swine is again represented by an advertisement in the columns of The Homestead. It will be found on page 39 of this issue. Messrs. J. W. Troy & Bro., of Rosehill, Iowa, are proprietors of this herd and now have a number of well selected boars of March and April farrow for sale. These boars are sired by Top Notcher Model 37663. He is of the same breeding as Top Notcher Chief, that won first prize and first as sire of herd at the St. Louis Fair in 1904. The sires in the White Oak herd are of the blood of Reed's Banker, Advancer, Advance and Top Notcher Chief. Write them for prices and description.

On December 18th Mr. G. W. Harrison, of Washta, Iowa, will make a public sale of Short-horn cattle at his farm near town. He will sell thirty head of cows, many of which will have calf at foot by Scottish Knight and Scottish Knight 2d. There will be twenty yearling heifers in the sale, mostly Scottish Knight heifers, and they are good ones. Iowa Short-horn breeders will remember Scottish Knight as the splendid Scotch bull that formerly headed the H. W. Weiss herd. He was bred by Messrs. John Miller & Son, of Brougham, Ontario, and was a son of that great Cruickshank bull, Northern Light. His dam is Bessie Girl by Imp. Craven Knight, second dam being Imp. Bessie Lass by old Banner Bearer. In his prime he was considered one of the best bulls in the state. As a breeder he is strictly all right yet, and the heifers that go into this sale will speak for themselves. Mr. Harrison is putting in a roan heifer that is going to be a decided attraction to his sale. She is a daughter of the noted bull, Scotland's Crown, that formerly headed the Ames College herd, and her dam is one of the best Victoria cows in the

state. She is bred to Scottish Knight and safe in calf, and she is a good proposition for some enterprising breeder. There will be six or eight bulls sold individually and a car load of bulls sold in a car load lot. The most of these are sired by Scottish Knight. Watch for announcement of this sale in later issues of The Homestead.

In furnishing copy for his advertisement, found on page 29 of this issue, Mr. J. B. McAllister, of Palo, Iowa, writes: "The Barred Plymouth Rocks I have for sale are of the noted Eclipse strain, which have been among the best winners at our great Chicago, Milwaukee and other western poultry shows for years. They are noted for their bright blue barring and excellent style and I am pricing them so low that every farmer can afford to purchase them to improve his flock. I can also mate up pens for best results for those wishing to start in the breeding of this most popular and profitable variety of chickens. My prices are very reasonable, considering the high quality of my stock. My circular is free to Homestead readers."

Messrs. P. S. & S. Barr, of Davenport, Iowa, write: "The Poland China boars which we are offering for sale are large and of good bone and we are having quite a call for them from several states. We have a choice hunch yet all out of a mature dam and sired by one of the best herd boars we could purchase at the Illinois State Fair last season. He is of Chief Perfection fame. We can please customers wanting good breeding, growth, length and breadth. We have one two-year-old herd boar weighing 650 pounds, of extra length and bone, that we can spare soon at \$40. Our spring boars we are selling at \$20 and \$25. We have twenty head of Short-horn cows and heifers for sale at reasonable prices." See their advertisement that appears on page 37 of this issue.

Mr. J. G. Truman, manager of Truman's Pioneer Stud Farm, importers and breeders of Shire, Percheron, Belgian, Suffolk and Hackney stallions, of Bushnell, Ill., writes under date of Nov. 2d: "I am pleased to report the safe arrival home of our Hackney stallions and mares from the Chicago Horse Show, where we have been exhibiting them this week. I believe I am safe in saying that never has there been as good a show of high-class, high-acting horses as the Coliseum show this week. In the class for stallions of any recognized coaching breed for trotters, Cleveland bays, French and German coaches and Hackneys, our Imp. Prickwillow Connaught carried off first, and Dashing King, our three-year-old, stood third. Included in this class was the celebrated Hackney stallion, Tiger Lily, and the trotting-bred stallion Drummer Boy, two of the most noted show stallions in the United States. In the class for mares of any recognized coaching breed — trotters, Cleveland bays, French and German coaches, and Hackneys, our imported mare, Queen of Diamonds, was a very easy winner over the best lot of Hackney mares ever shown in the United States. Both Prickwillow Connaught and Queen of Diamonds are sired by the unbeaten champion harness horse Forest King,

Most makers of lamp-chimneys don't mark their wares—possibly they are ashamed to.

If I didn't make as good chimneys as I do, I wouldn't mark mine either.

I mark mine "MACBETH"—my own name—because I am proud to be known by them.

My Index—it's free—tells other reasons why my lamp-chimneys are marked and why I am proud to put my name on them. May I send it to you?

Address, MACBETH, Pittsburgh.



\$4.50 Buys Best All-Steel Farm Gate
Cheap as wood. Lasts a lifetime. 12 ft. long; 4 ft. high. Resists all kinds of stock. Also Farm Fence, Ornamental Wire and Wrought Iron Fences. Catalogue Free.
Ward Fence Co., Box 302 Marion, Indiana

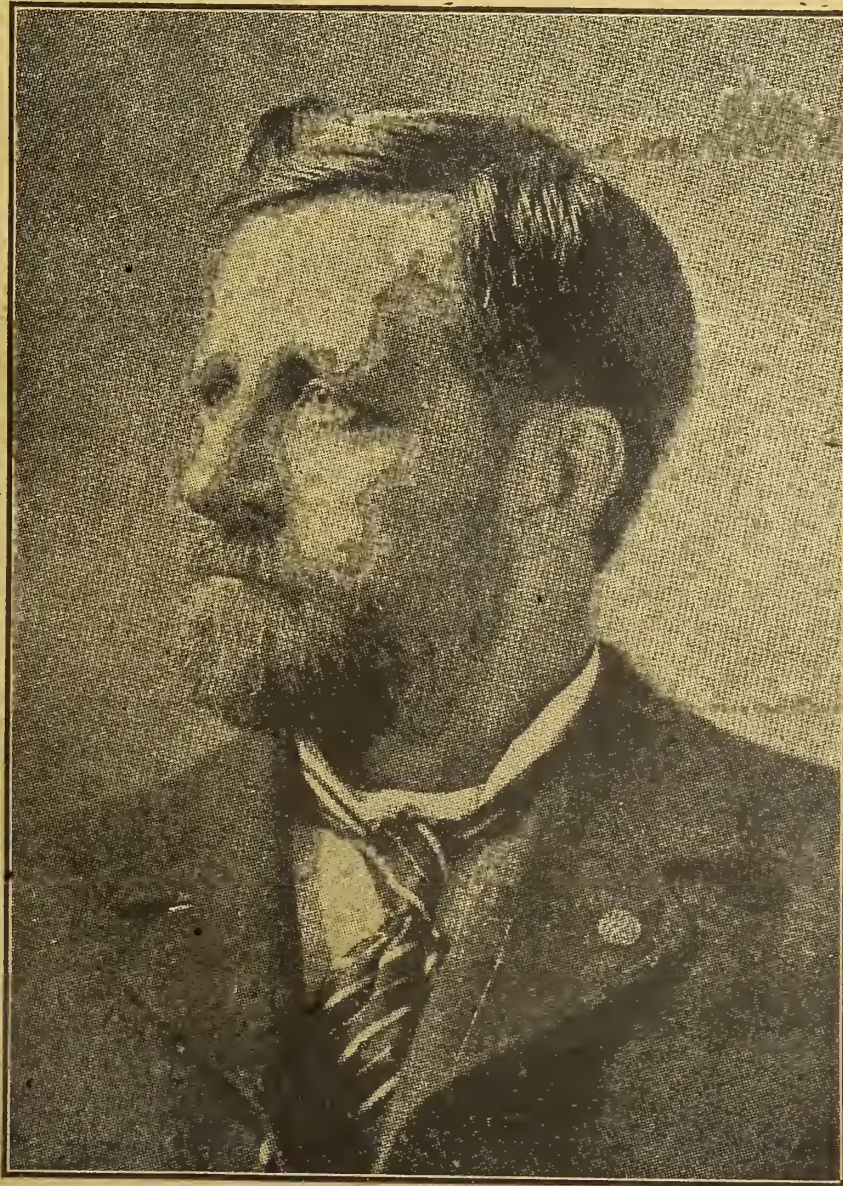
owned by Judge Moore, of New York, and Dashing King is also a grandson of this world-renowned horse. When we take into consideration the class of horses we had to show against, I feel safe in saying it is the greatest victory ever won by any firm in the United States within recent years. In other words, I question very much whether these two prizes were ever before won by any one firm at the Chicago show. I am very pleased to say that trade with us is opening up very good and the prospect for the horse business, either in heavy or high-stepping horses never was brighter. We have recently issued our latest catalog, which we shall be pleased to mail to any of your readers that will mention they saw the advertisement in your paper." See advertisement on page 34.

Mr. T. A. Stevenson, breeder of Chester White swine and Aberdeen Angus cattle, of Shannon City, Iowa, whose new advertisement appears on page 29 of this issue of The Homestead, writes: "I have some very choice Chester White males and females of March and April farrow, and a tip top lot of Aberdeen Angus cattle of both sexes for sale. I will make reduced prices for thirty days. My young things are all sired by my herd bulls, Elidure 73161 and Blackbird's Eclipse 33879, and out of choice females. I have yearlings and one very choice breeding bull four years old which I will sell. I will also sell my herd bull, Blackbird's Eclipse 33879. My Chester White pigs are all sired by two choice boars, Prince I Am 15271 and Dandy Boy 15269. They are out of some of my best brood sows."

Another of the great herd bulls to be sold in this sale is Second Baron 216675, a three-year-old Cruickshank Secret-bred bull. He is sired by the great Baron Victor that did such excellent service in the Colonel Harris herd, and is one of the most intensely-bred Cruickshank bulls in America. He was the first-prize yearling bull at the Iowa State Fair and then sold for \$1,000, a full brother going to California at \$1,000. He is a dark red fellow, very low and blocky and has proven a wonderful sire. Here is a chance for some good breeder to select a herd header that is a credit to the breed. Come and inspect the herd. They will be on exhibition at the sale barn several days before the sale and Mr. McLemore will be glad to explain everything in regard to the herd. Catalogs are now ready and will be sent to anyone who will drop a card to Mr. W. McLemore, of Kearney, Neb.

Mr. O. E. Osborn, breeder of Duroc Jersey swine, of Weston, Iowa, writes: "My Duroc Jersey hogs, at the head of which is Ohio Chief, are doing fine work this season. Ohio Chief is as vigorous as a pig; also Indictor, assisted by Bell's Chief, a son of Ohio Chief and Nebraska Bell, a son of Buddy K. IV. This is a boar that I bought at the Baxter sale at Pawnee, Ill. He is a splendid boar. I have two good Ohio Chief boars that I would sell at a reasonable price. I would also sell Briggs' Prince, a two-year-old boar that I have used with good success. His sire is Morton's Prince, his dam a full sister to Red Lady, the great show sow. He is a good boar all over; good enough to go into any herd. Anyone who wants a boar of this kind will do well to buy him. The first \$100 draft takes him. I have several other good spring boars to sell."

The new advertisement of Mr. J. B. McAllister, of Palo, Iowa, offering Poland China boars and sows for sale, will be found on page 29. Mr. McAllister in furnishing copy, writes: "The Poland China sows and boars that I am offering for sale are all sired by H's T. C.'s U. S. 556011, an 800-pound hog in show condition. His sire was the noted T. C.'s U. S. by Concordia U. S.; his dam, Beauty by Bigger Lad, bred by Mr. Jacob Grossman, of Lanark, Ill. H's T. C.'s U. S. is a great, broad-backed, deep-bodied hog, with good length and heavy bone. He is jet black in color and his pigs take after him. I have twenty boars and forty young sows to offer for sale. They are the finest bunch I ever raised. I am offering them cheap to move them at once. Any of your readers who are looking for a good young boar or some nice growthy gilts should write



Mr. Ed A. Baxter, of Pawnee, Ill., who on October 31st purchased a Proud Advance fall gilt, not bred, at the record-breaking price of \$500. He is proprietor of the Pawnee herd of Duroc Jerseys, at the head of which stands Buddy K. IV., first and champion 1905 Illinois State Fair and second-prize aged boar 1906 at the same fair. Mr. Baxter is one of the foremost breeders of Durocs in the middle West and recently secured an average of \$68 in his annual fall sale. He has a few extra good boars for sale at reasonable prices.

CUT ICE

With the Dorsch Double Row Ice Plow We guarantee it will cut more than 20 men sawing by hand. Cakes are cut uniform, of any size and thickness. One man and a horse will cut more ice in a day than the ordinary farmer and dairy man can use. You can cut for others and make the price of your plow in two days use. Ask for catalogue and introductory price.
JOHN DORSCH & SONS 216 WELLS ST., MILWAUKEE, WIS

MADE
IN
THREE
SIZES



me early for prices, as I expect them to sell like hot cakes."

The new enlarged and illustrated advertisement of Messrs. H. C. Dawson & Sons, of Endicott, Neb., breeders of Poland China swine, will be found on page 23 of this issue of The Homestead. These gentlemen have been breeders for over forty years and they claim that their "Big Bone," "Big Litter" kind of Poland Chinas, that make up their "Expansion herd," have always won at fairs when shown. If wanting good Poland Chinas write them for prices or any other information desired.

Mr. S. J. Butts, breeder of Duroc Jersey swine, of Mason City, Iowa, in sending copy for the advertisement found on page 23 of this issue, writes: "My stock is growing and in good condition. They range in weight from 160 to 200 pounds. The old boar is in extra good condition and was bred by Mr. Freed, of Ames, Iowa. The sows are good breeders and right in every way. The young stock I am offering for sale is mostly sired by a big son of Top Notcher Again. My reason for selling my old boar and aged sows is that I must change the blood in my herd."

The new advertisement of Mr. James Cockerton, of Whiting, Iowa, will be found on page 29 of this issue of The Homestead. In writing in regard to his herd of Poland Chinas, Mr. Cockerton says: "The pigs I am offering for sale are an extra good bunch with plenty of length and bone. Some of the March farrow pigs have a bone measurement of seven inches around the hind legs. The length from between ears to root of tail is from forty-four to forty-eight inches. They have good head and ears, extra good feet and legs, with good, strong backs. In fact, they are good all over. At the county fair this fall I won sweepstakes on Standard Chief 2d, also first and second on male pigs. I am Sunshine is the hog that topped the sale of Mr. Podendorf at Council Bluffs this year. I also have a few sows for sale. I guarantee all stock to be as represented. I have bred Poland Chinas for the last ten or twelve years, but have always been able to dispose of my stock to home buyers."

Mr. C. S. Buckley, of Holstein, Iowa, the well-known Berkshire and Short-horn breeder, writes: "Our Berkshires are doing nicely and anyone who wants a good pig had better write or come at once. These pigs are large and growthy, weighing 150 to 200 pounds and are the best lot of March and April pigs we ever raised. (We don't say this every year, but when we do mean it.) They are sired by Conquest 2d, the largest-boned hog we ever say. Conquest 2d was the first-prize pig at the Minnesota State Fair in 1903 and one of the litter than won the championship

over all breeds at the same fair. He has never been shown since. We have two boar pigs farrowed March 17, 1906, by Conquest 2d and out of Pretty Face, the first-prize aged sow at Sioux City this year, that are fit to head any herd. One is the second-prize pig at Sioux City and is a typical Berkshire from the tip of his nose to the end of his tail. The other is an extra good bodied pig, but has not as fancy a head and ear. The balance are out of such sows as Miss Valentine, a daughter of Ideal Lady 15th, the best sow we ever owned; Dolly Varden, a daughter of Pretty Face, for whom we refused \$100; Blue Bell, an extra good sow with an English outcross and whose litter sister we sold for \$75 as a gilt, and others equally good. We have a fine lot of June pigs by Benjamin's Faithful, an imported-bred boar, and a good one, by the great Faithful Commons and out of daughters of the above sows. We have shown and won at international, state and interstate fairs, but will give only our latest winnings, those at Sioux City this year, where we showed thirteen of the sixty-one head shown, and won the following, winning in every class we entered: Second on boar six months and under one year (we still have this boar for sale at a reasonable price); first on boar pig under six months on Ireland, a son of Rose Hamilton and Conquest 2d; second on boar pig under six months on a son of Pretty Face and Conquest 2d; first on aged sow on Pretty Face; first on sow one year and under two on Inez, a daughter of Ida, also the dam of Artful Ida, the first-prize and sweepstakes sow at Des Moines in 1903; fourth on sow six months and under one year; first on sow under six months on a daughter of Pretty Face; second on young herd, and second on young herd bred by exhibitor; third on get of sire; first on four pigs under six months produce of one sow, on the produce of Pretty Face, and sweepstakes sow on Inez. This is a remarkable record, considering we showed spring pigs against aged and yearling hogs. If you want bone, length, size and quality we can surely please you. Our hogs are all perfectly healthy and there is no disease near us. There is no "gush," wind nor lies in the above. If you don't believe us, come and see. For extra good boars this year we have the bull by the tail and a down-hill pull. You may get a cheaper boar, but you will not get a better one."

RAW FURS AND HIDES.

R. L. Percival Company, 1102 Cherry St., Des Moines, Iowa, the largest hide and fur house in Iowa, want Homestead readers to write them for price lists and shipping tags. This is a thoroughly reliable house. See advertisement on page 5.

WHEATLEY & WARD CAN FURNISH ANGUS BULLS.

Those who are in the market for desirable Angus bulls just ready for service should write Messrs. Wheatley & Ward, of King City, Mo. Their herd is headed by three great breeding bulls; their cows are good producers and their stock is cared for in such a manner as to give best results. King City is thirty miles northeast of St. Joseph, Mo., on the Burlington railroad. See page 35 for their advertisement and when writing them kindly mention this paper.

FOR IMMEDIATE SERVICE.

Those of our readers interested in Berkshires will note the advertisement of Mr. Geo. S. Prine, of Oskaloosa, Iowa, in this issue. A strong lot of hogs are now ready for service. They should prove good investments, as their breeding is the very best. The herd hogs are Lord Lee 10th \$4563, first at Missouri State Fair in a strong class, a hog of excellent disposition, vigor and size; also Premier Masterpiece \$7941, a grand young boar showing evidence of great size and typical in conformation. He was sired by Lord Lee 61138, of national fame. The advertisement is on page 33. Please mention The Homestead when writing.

THE JANESVILLE STUD.

The name of no firm in the United States is better known among horsemen than that of Messrs. Alexander Galbraith & Son, of Janesville, Wis. This firm have stood by the Clydesdale horse through dull times and in brisk times and since 1881 this has been the leading Clydesdale importing firm in the country. In recent years the firm has been attracted by the adaptability of the English Hackney horse to certain conditions of this country, and now large importations of Hackneys are annually brought to Janesville by Messrs. Galbraith. Mr. Alexander Galbraith, the senior member of this firm, has always claimed that for cleanness of limb as applied to bone, springiness of pastern, freedom of action and all round quality in limb and in body the Clydesdale horse stands at the top, and judging by the kind of horses that have been brought from Scotland by Messrs. Gal-

Let Me Quote You a Price on the AMERICAN Manure Spreader

30 Days' FREE Trial

To prove all of our claims for the celebrated American Manure Spreader, we allow 30 days' trial on every Spreader we sell.

This permits the customer to use the Spreader on his own farm for a full month to be satisfied that it is just as represented. If not as represented it can be returned to us. We pay all freight both ways—trial being FREE.

The low price I want to quote you on an American Manure Spreader will be for the Spreader delivered at your station.

We manufacture and sell the celebrated American Manure Spreader to the consumer direct from our factory—saving all the middle profits made by jobbers and dealers. These profits are left out of consideration in the prices that I want to make you direct from our factory on an American Manure Spreader.

This means that you can buy from our factory at factory prices—be a Wholesale Buyer.

And that isn't all! We don't ask you to pay cash in advance.

We sell the American Manure Spreader on Time—

liberal time payments—giving our customers easy terms to pay for their Spreaders—letting the Spreader really pay for itself as it earns for you.

We are the only concern in the United States manufacturing and selling Manure Spreaders direct to the user on time and on trial at low factory prices.

The American Manure Spreader has 40 per cent more exclusive features than any other Spreader. It is high-class in every respect—made to last a lifetime.

There is no question about the American Manure Spreader being the standard Spreader of the world.

We Pay All Freight

This price will be for the Spreader on time—this price will be a price that is lower than dealers are charging for Spreaders that are not nearly so good as the American. When you examine all the exclusive features of the American you will agree with me.

Write for my price—and write for my catalogue and booklet. They will tell you all about the American Manure Spreader and give you a lot of good information on the question of fertilizing—a question that every farmer is interested in and wants to know all about.

Just write me today on a postal card. I will see that you get our book and my special price at once.

W. W. COLLIER, Gen. Manager
AMERICAN HARROW CO.
141 Hastings St.
DETROIT, MICH.

braith & Son it looks as though all the claims that are made for the Clydesdale horse can be sustained. Just now there are about 100 extra good stallions in the Galbraith stud. These have been selected with the greatest care, the Clydesdales in Scotland and the Hackneys in England, and any man looking for either kind cannot do better than write Messrs. Alexander Galbraith & Son, of Janesville, Wis. Please mention The Homestead when you write.

TRAPS THAT CATCH THINGS.

If you are troubled with rats, weasels, rabbits, skunks or any such pests you should have a Newhouse trap, manufactured by the Oneida Community, Oneida, N. Y. Each trap manufactured by this company is perfect, because it is thoroughly inspected and tested. The Victor is the only reliable low-priced trap and no man is justified in buying a cheap imitation. Any trapper will tell you of the superiority of all Victor traps. Twenty-five cents will secure you a copy of the Newhouse Trapper's Guide, which tells of the best methods of trapping and skinning game. Address Dept. A-13, Oneida Community, Oneida, N. Y., and mention this paper when you write.

IAMS AND HIS WINNERS.

Whatever else has been said of Mr. Frank Iams it is freely admitted by all that he does sell stallions. That he has the kind of stallions the people want is proven by the fact that there are few states that have not sent representatives to his great horse emporium to buy stallions, and if the intending purchaser has the money to pay for the same, or can give good bankable security, he never goes home without an animal. This year his barns are again full to the overflowing point, about 150 head being now quartered therein. His last importation arrived August 14th—120 head—and was made up of Percheron, Belgian and French Coach stallions, as well as a splendid lot of Percheron mares. Located at St. Paul, Neb., in the central part of the state, with an equipment of buildings and grounds that surpasses anything of its kind in the West, he has come to the front as one of the foremost horsemen in this land of ours. The name of Frank Iams is known from coast to coast, and from the northern boundaries of Canada to the gulf, and in the most remote region you will find stallions doing service that have been imported or bred by him. In the first place Mr. Iams is an advertiser and his advertising is peculiarly his own. It smacks of originality, and is frank to the extreme, but it reveals

the character of the man behind the gun. In the first place he is a judge of a horse, and we unhesitatingly say that there is not a better judge either this side or the other side of the water. In the next place he buys his own horses without the assistance of an interpreter, as he speaks both the French and German languages. In the next place he sells his own horses, without the assistance of any middlemen, and these and several other reasons are why he can sell a horse cheaper than can be bought elsewhere. As to the kind of horses imported and sold by Mr. Iams, we simply point to the show records of the past few years. As a showman he has few equals, and the great array of sweepstakes ribbons and first, second and third prizes, testify to the fact that he has the horses. Mr. Iams' horses have been shown at the International at Chicago, the Illinois, Iowa and Nebraska State Fairs, and he always gets his share of the ribbons. He made the sensational show at Nebraska this year, winning every first prize and sweepstakes in Percheron class except one, in the two, three and four-year-old classes. He also won every first and second in two, three and four-year-old Belgian classes, and sweepstakes. He showed two coach horses and won two prizes. He was also a leading winner at the Iowa State Fair, and at the Illinois State Fair he got second prize on Bismuth and was only beaten by the noted horse, Pink. It is only fair to Mr. Iams to say that for a long time Bismuth was at the head of his class, and it was after much deliberation that he was placed second. In other words he came very near landing the championship at Illinois. To be beaten only by the great horse, Pink, in the greatest horse show held this year is no disgrace, especially when you remember that there were state fair winners and international winners in the show. Mr. Iams says he is not in the stallion trust and therefore you can buy a good horse for less money than elsewhere. He places insurance on any horse that sells for \$2,200 to \$1,500 to a reliable man or company. The man that has the money to pay for a horse, or the man that can give a bankable note need not go away from Mr. Iams' barns without a horse. There is no question about his having the horses. A visit to the Iams barns will convince the most discriminating buyer, and he sells them for less than the same horse can be bought for elsewhere. If you want a stallion it will by all means pay you to visit Mr. Iams and see his horses before you go elsewhere. Read his advertisement on page 40 and write for his catalog, which fairly bristles with live 'uns from cover to cover, and you will be convinced. Kindly mention this paper when writing for it.

WOODLAND HERD OF DUROC JERSEYS.

A representative of The Homestead for the first time visited that well-known breeder of Duroc Jersey swine, Mr. S. P. Freed, of Ames, Iowa. We had heard much of his great herd boar, Manley Orion, conceded to be the greatest son of that great show and breeding boar, Old Orion. This is one of the best-backed Duroc Jersey boars possessed of sufficient scale, and standing on the best of feet, of which we have any acquaintance, and as a breeder he is par-excellence. He was a second-prize winner at the Iowa State Fair in 1905 in the eighteen months' class, and was also a winner again in 1906 in the aged class. Mr. Freed has had a splendid trade on his male pigs, and at this writing only has a few good ones left for sale. Homestead readers have dealt very kindly with him in taking his crop of boar pigs at fair prices. He has only a few left at this writing for sale. We were much impressed with the splendid lot of gilts and fall yearlings that Mr. Freed is putting aside for his February sale. These will be bred to the best hogs of the breed, and be offered at public auction February 11th. Parties who desire to get some strictly first-class fall yearling sows or choice gilts should keep this sale in mind. We find Mr. Freed exceptionally well equipped for the proper growing and developing of swine, his farm being an ideal one for this business. Mr. Freed is his own herdsman and all his breeding operations are manipulated by himself, so that he takes no one's word for how his stock is bred

A BOY'S WANTS
ARE MANY
UNTIL YOU
GIVE HIM
A



STEVENS

Then he amuses himself in muscle-building outdoor life, and not to the destruction of the house or your nerves.

Write for Large Catalog

describing Stevens guns and rifles of every sort and style, for hunter, marksman, girl or boy. 140 pages. Sent free to any one interested in guns, sending four cents in stamps to cover postage.

For 6c, in stamps we will send artistic ten-color lithograph. It is an attractive hunting scene worthy of any wall.

Ask your dealer for and insist on the Stevens. No others "just as good."

J. STEVENS ARMS & TOOL CO.
115 Pine Street
Chicopee Falls, Mass., U.S.A.

Die In
open air,
seeking
water.



Save
your grain
from rats.
The worst "rat
holes" have been
cleaned out by

Rat Bis-Kit

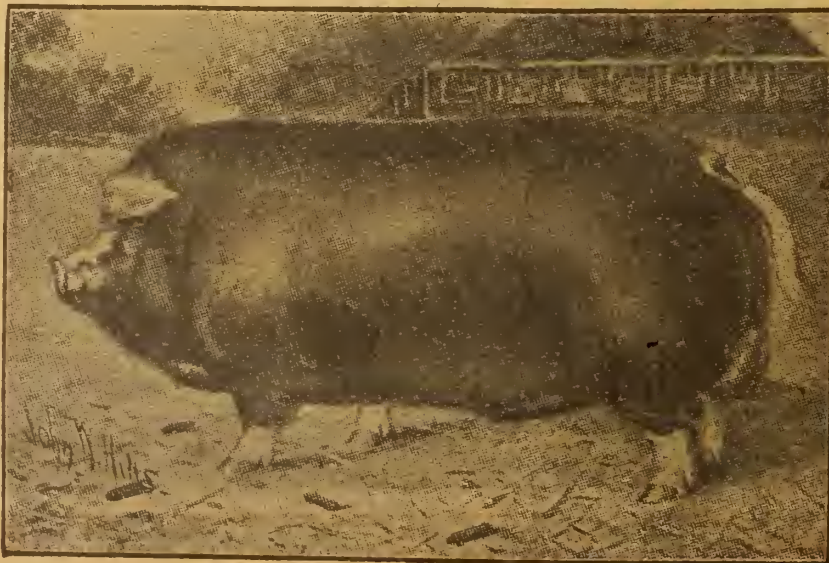
"Gets them all!"

Carried into hole where all get it. Keeps for months; if rats return, what remains destroys them. Statistics show that the grain and produce destroyed each year by rats, averages in value, twice the amount paid by the farmer in taxes. Stop this leak.

Ready for use. At all Stores. 15c. a box.

If you can't get it, send us 25c. for 1 box or 60c. for 3 boxes, express prepaid, enough to kill all the rats you ever had.

THE RAT BISCUIT CO., Dept F 11 Springfield, O.



G.'s Perfection Jr. 89471, owned by C. F. Shaffer, Wellman, Ia. See page 27.

or cared for. His announcement appears in The Homestead at all times.

CROUCH'S HORSES.

Messrs. J. Crouch & Son, of Lafayette, Ind., the well-known importers of German Coach, Percheron and Belgian horses, have made an enviable record in the show rings the past season and the string of horses which this firm have on hand for the forthcoming show at the International is one of the strongest lots ever seen exhibited by one firm. Messrs. Crouch have long been known as importers of the best. The question of expense has been overlooked when a good animal was to be obtained. They have now at their stables in Lafayette, which, by the way, are the largest in the country, the Belgian stallion, Perce, said to be the highest-priced horse of the breed ever imported to this country and the greatest horse of the breed ever produced in Europe. This horse weighs in ordinary flesh 2,500 pounds and will be on exhibition at the International. A cordial invitation is extended to readers of The Homestead to inspect the exhibit of this firm while in Chicago, or better still, a visit to their barn is well worth the time and expense. If there is need in your locality of a stallion of the breeds mentioned above write Messrs. Crouch as per the announcement on page 29 of this issue, kindly mentioning The Homestead.

G.S. PERFECTION JR. 89471.

On page 26 we publish an illustration of the great Poland China boar, G.S. Perfection Jr. 89471, the principal herd boar owned by the well-known Poland China breeder, Mr. C. F. Shaffer, of Wellman, Iowa. He is a February two-year-old, sired by G.S. Perfection 77181. The dam of G.S. Perfection is Lady Lightfoot 143252 by U. S. Chief 24609. The dam of G.S. Perfection Jr. 89471 is Nemo G. 183486 by Chief Tec. 3d; second dam by Columbia 3d 107716 by Director; third dam by Columbia 2d by Ben Hur 2d. Mr. Shaffer is one of the progressive Poland China breeders in Iowa and he regards the use of G.S. Perfection Jr. 89471 in his herd as one of the most fortunate moves in his breeding experience. As is shown by the illustration, G.S. Perfection Jr. is a very neatly-finished boar, having an excellent back and crest, very neat head and ear, good underline, full hams and is supported on extra heavy feet and legs. It is this type which Mr. Shaffer has endeavored to produce and that G.S. Perfection Jr. has transmitted uniformly to his get. As is shown in the illustration he is nicely marked. If the writer were to criticize the portrait it would be to say that the artist had failed to reproduce the impressive masculine character which distinguishes this boar and which is a strong feature in any breeding sire. Mr. Shaffer is offering sons and daughters of this great breeding boar on page 37.

SOME GOOD DUROC JERSEY MALES.

Mr. Asa Turner, of Farrar, Iowa, is offering some extra good Duroc Jersey males. These young boars have plenty of length, good, strong bone, good width of hack, smooth shoulders, they are well hammed and nicely colored. They ought to come up to the above description because they are bred in the blue. King Perfection 16235, the well-known sweepstakes hog at the Iowa Fair, is the sire of some of these young boars, while Advancer Lad by Advancer, out of Rosehill Belle, is the sire of the remainder. The dams of these young boars were formerly owned by Mr. G. A. Munson, of Maxwell, Iowa, and most breeders in the corn belt know something of Mr. Munson's winnings at the Iowa State Fair. Among the sows are Prospect 79792 by Shakespeare, out of Countess 2d; also Maxwell Belle 33490 by Ohio Prince, out of Read's Fancy; and the third sow of particular note in Mr. Turner's herd is Miss Luther 33802 by Luther's Chief, Jr., out of Iowa Queen. These young boars must be sold in the next few weeks and Mr. Turner, in order to clean up the bunch, will sell at a very reasonable price. They are all sold under a guarantee to be strictly high class, the individuality corresponding with the rich breeding. You are safe in sending to Mr. Turner for a pig to head your herd. If you are looking for a Duroc male write him at once.

BIG-BONED POLAND CHINA BOARS FOR SALE.

Big-boned Poland Chinas are what the farmers are now looking for. Mr. Joe Steward, the veteran breeder of Poland Chinas at Ames, Iowa, is breeding this sort. A Homestead representative recently inspected the offering of boars of March and April farrow, sired by Gay Perfection 2d. These are a good lot and worthy of places in good herds. These boars are priced very reasonable, considering the present hog market. In order to move them quickly and make room for the breeding of the choice lot of gilts Mr. Steward has on hand, he will take \$25 each for these pigs while they last. Mr. Steward, in connection with the Iowa Agricultural College, has secured a splendid son of that great boar, Thickett, owned by Mr. Ed. Klever, of Bloomington, Ohio. This boar was selected at the Ohio State Fair, where he was a winner, by Mr. Wilson Rowe, who has charge of the swine department of the Iowa Agricultural College. Mr. Steward may be persuaded to part with a few choice gilts bred to this great boar a little later in the season. Fortunately indeed will be the man who secures a Gay Perfection 2d sow bred to this great boar above mentioned. There is probably no better judge of Poland Chinas in Amer-

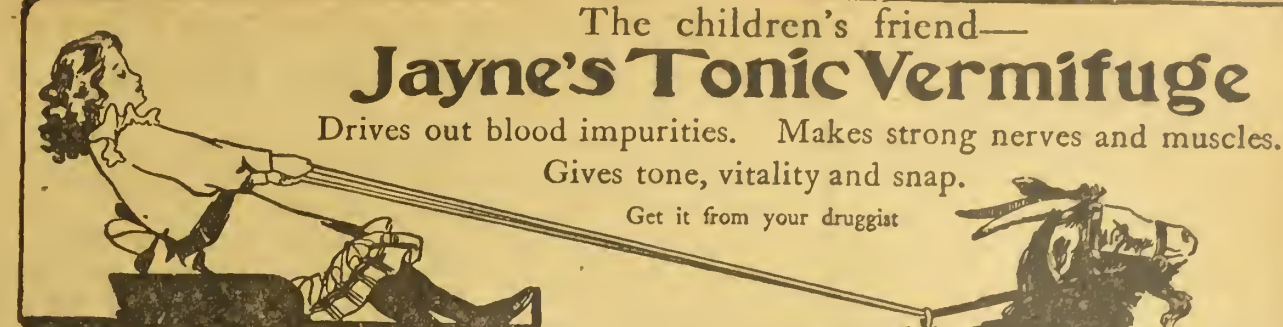
The children's friend—

Jayne's Tonic Vermifuge

Drives out blood impurities. Makes strong nerves and muscles.

Gives tone, vitality and snap.

Get it from your druggist



ica than Mr. Wilson Rowe, and he stated to the writer that this was the best boar that he had been able to find anywhere in the United States that was for sale. Mr. Steward's announcement appears on page 37.

HOW ABOUT THAT BIG LUMBER BILL?

Homestead readers who have had anything to do with building material during the past few years are fully aware of the fact that in order to do a little building now that one needs a national bank behind them. How to escape the terrific prices charged by the lumber combine is the one perplexing question that confronts nearly every farmer who reads The Homestead. A means of escape from this condition of things is what directly interests them at this particular time. There is a way for every farmer to escape these high prices, at least in part. Wherever any fair-sized cottonwood, maple or other trees in artificial groves can be procured, or where some native timber is at hand, a good plan would be to either buy an American saw mill or get some man who owns a thrashing machine to buy one, and saw up a lot of dimension lumber from these native timbers. The writer of this article did this identical act some four years since, and instead of paying \$35 per thousand for dimension lumber secured better material from his own native trees at a cost of \$5 per thousand and we propose as a member of The Homestead staff to do more of this work this coming winter. The Cedar Rapids Machinery & Supply Co., of Cedar Rapids, Iowa, will furnish one of these American saw mills on very short notice and at a very low cost. They also have for sale air-cooled gasoline engines, traction and stationary engines, corn shellers, corn shredders and hay balers. They also repair all kinds of machinery of the above described character. Send for their catalog of saw mills and other commodities which will be mailed free.

DELMAR McCANN'S SHORT-HORN SALE.

The first annual sale of Mr. Delmar McCann, one of the younger breeders of Short-horn cattle in the state of Nebraska, will be held at the home farm, near Kennard, on Tuesday, November 27, 1906. He is selling forty-two head of imported, straight Scotch Canadian-bred and Scotch-topped cattle and he is putting some of the very best he has in this sale. There will be thirty females in the sale and of these fifteen will have calves at foot by his former Scotch herd bull, Red Bud 145102. Many of the heifers in the sale, and there are some very good ones, are sired by this same bull. While speaking of Red Bud it is only fair to say that he is now doing service in the herd of Messrs. Thos. Andrews & Son, of Cambridge, Neb., and this herd has the reputation of being one of the best in the West. Mr. McCann used him with much success in his herd and his calves will show for themselves on sale day. Among the best of the females that go into the sale is Imp. Flora 50th, a seven-year-old cow bred by Mr. Joseph Will, of Kintore, Scotland, and imported by Messrs. H. Cargill & Son, the well-known Canadian breeders. She is a daughter of Director 139622 and her dam is a daughter of the noted bull, Gravesend 98361. She is bred and safe in calf to his present Scotch bull and she is good enough to go into any herd in this country. It is with the greatest reluctance that he puts this cow into the sale, but concluded that as it is his first sale he was going to put something in that any of the boys could well afford to own. He also sells a number of Canadian-bred cows and heifers. Queens-town Maud is among the best of these. She is an 1,800-pound cow with calf at foot by Lord Rosenderry, a straight Scotch bull. She is a roan in color, a cow of wonderful depth and thickness and one of the best things in the sale. There are also several Canadian-bred heifers in the sale and among these are some exceptionally good ones. He also sells Caroline of Ploverdale 2d, a daughter of Baron Lavender out of an Imp. True Briton dam. She is a splendid red heifer and is safe in calf to a straight Scotch bull. There will be twelve young bulls in the sale. One of the best of these is Brawith Lad, a straight Scotch bull. He is only a yearling, but he will make a 2,500-pound bull. He is a son of Golden Lad, that formerly headed the herd of Mr. M. P. Hancher, of Rolfe, Iowa, and he is out of Imp. Rosemary 22th, one of the best cows in the Hancher herd. He is a roan in color and this is an opportunity for the man who wants a young Scotch bull to get one. The other bulls that go

in the sale will be sired by such well-known Scotch bulls as McDiarmid, Prince of Athens, Golden Lad and others. The offering will be a very good one and deserves the attendance and the patronage of our best breeders. His catalog is now ready for distribution. When writing for it address Mr. Delmar McCann, Kennard, Neb., and kindly mention The Homestead.

JOHN BROWN'S DISPERSION SALE.

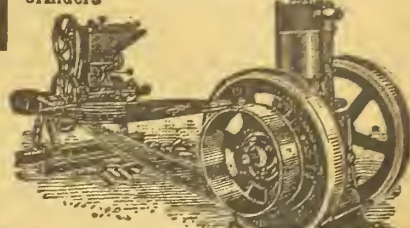
On November 19th, at the farm of Mr. John W. Brown, near Doniphan, Neb., will occur one of the good Short-horn sales of the fall. Mr. Brown is retiring from active farm service and therefore has decided to close out his entire herd, including his choicest breeding cows and herd bull, Golden Dale 246863, he by Parkdale Champion 172103 and out of Miss Maywood by Master Golden. This bull is coming two years old and will be sold in just good breeding condition. He is an exceptionally good individual of blocky type and is the sire of some of the calves to be sold in this sale, and most of the cows are bred to him. The cows are of good breeding and extra large. They are the cows Mr. Brown has selected for his own use and could not be bought except under the conditions mentioned. We consider this a wonderful opportunity to get good breeding stock, as you will have a chance to select anything in the herd. A good cow included in this offering is Lady Scott by Forest Boy and out of Artless 4th by Scotchman. She is a cow of great scale and substance and the best type of a useful Short-horn. Another of the good ones is Varina 7th by Royal Duke 2d and out of Varina 6th by Scottish Lord Jr., tracing to Imp. Victoria 20th. Here is going to be a good place to buy cattle and we trust that there will be a good attendance at the sale. They have issued a good catalog that every breeder and lover of good Short-horns should have at once. Doniphan is located on the St. Joe & G. I. between Hastings and Grand Island, and can be easily reached from either point. There will be free hotel accommodations and conveyance for all to and from the farm. Write for a catalog and arrange to attend the sale.

CHAS. NEFF'S CLOSING OUT SHORT-HORN SALE.

One of the opportunities of the season to buy good Short-horn cattle is at the closing out sale of Mr. Chas. Neff, of Walnut, Iowa, on November 26th. He has not the largest herd in the state, but he has one of the good herds. There will be forty head in the offering, including his splendid Scotch herd bull, Captain Lovely. Here is an excellent herd header for somebody. He is five years old and is a son of Imp. Scotchman, his dam being a daughter of Christmas Gift. He will weigh about 2,200 pounds, is a red in color, a deep-fleshed fellow, a splendid breeder and was sweepstakes winner at the Cass and Pottawattamie county fairs last year and this year also. Some of the best things that go into the sale are sired by him, and the man that wants a uniform breeding bull will find in him a splendid animal. There will also be sold a yearling bull in this sale called Royal Rosamond, a son of Imp. Craibstone, the former herd bull of Mr. C. W. McDermott. He is out of Rosamond Ashburn, one of the best Scotch cows in the herd, also included in the sale. This young bull is an exceptionally good one, both in point of breeding and individuality, and he was a first-prize winner wherever shown. He is the making of a good herd bull and you will not find as good a young bull in but few sales. One of the best Scotch heifers in the sale is Rosamond Lovely, a daughter of Captain Lovely and out of Rosamond of Ashburn. She has been in his show herd and is a nicely-turned heifer, and one that will be a credit to any herd. There will be two daughters of old Cumberland in the sale and they are good ones. One of these is Esther Cumberland, an 1,800-pound cow, a red roan, a show cow and a cow with a wonderful lot of style. Here is one of the best daughters of old Cumberland and we doubt if he ever sired a better one. The other is Cumberland's Pride, a Scotch-topped Victoria. Both of these are half sisters to the great show bull, Cumberland's Last, that now heads the Frank Lowden herd at Sinnissippi. Tidy Girl 2d is another 1,800-pound cow, a daughter of Imp. Gay Monarch and she is another one of the good individuals in the sale. Fourteen cows will have calves at foot by Captain Lovely and Royal Rosamond. There will be an ex-

THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.
DEPT. B, IOWA CITY, IOWA.

The "DEAN" Ear Corn Slicer

Any Farmer or Cattle Raiser should appreciate the advantage of slicing or chopping ear corn for stock. The health of all animals requires it. Feeders today know that grain should be mixed with "roughness." The cob is the best mixture for calves and steers. The "Dean" Slicer soon saves its price in cob feed alone. Also saves time. Chops ears in 1/2 to 2 1/2 inch slices and cuts from 30 to 40 bushels an hour. Calves thrive on the small slicing. It's so easily geared that even a boy can run it or any power can be attached. Elevator attachment to bin or wagon. Prices and terms very reasonable. Write today, for your stock's sake.

Soon Pays for Itself

Enterprise Wind Mill Co., 24 Main St., Sandwich, Ill.

Be business-like. Own a Fountain Pen. 30 cents buys one postpaid, and satisfaction guaranteed. Send now. Dept. E, F. Agency, Ames, Iowa.

Telegraphy Taught thoroughly. Typewriting free. Write for catalog. Wichita Tel. College, 201 S. Main St.

cellent lot of Scotch-topped cows in the sale, and taking the offering as a whole it contains more good things, individually and otherwise, than is generally found in one sale. His catalog will be interesting to Short-horn breeders, and especially those who want some good cattle. Write for it at once and mention The Homestead.

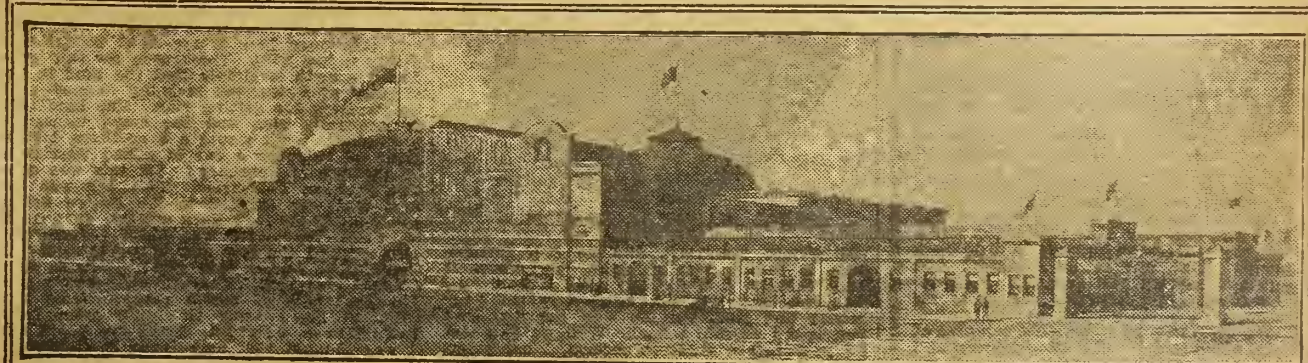
HALF INTEREST IN JUNIOR JIM SELLS FOR \$2,500.

Report has reached this office that a half interest in the sensational Duroc Jersey boar of the season, Junior Jim, has just been sold to Messrs. Manley & Co., of Lyons, Neb., to Mr. F. E. Garrett, of Lohrville, Iowa, and Messrs. John Tryon & Son, of Lyons, Neb., for \$2,500. Junior Jim was shown at the Iowa State Fair this year in the strongest class of aged boars ever seen at that fair and he got second prize. He was the sire of the pig that sold in the J. M. Morrison sale to Messrs. Geo. Briggs & Son for \$415, the highest price ever paid for a Duroc Jersey pig of his age. The dam of the pig was a Proud Advance sow, right in line with the strain that has produced so many of Messrs. Manley & Co.'s winners. Mr. Garrett will breed a number of Proud Advance sows to Jim, as will also Messrs. Tryon & Sons and Manley & Co., and the outcome will be eagerly looked forward to by the entire Duroc Jersey fraternity. This is in line with the chain of breeding that has enabled Messrs. Manley & Co. to produce Alix II., that topped the Renshaw sale, also Proud Lady, that topped their own sale at \$1,275, making her the highest-priced sow ever sold.

Horse Owners! Use GOMBAULT'S Caustic Balsam

A Safe, Speedy, and Positive Cure

The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circular. THE LAWRENCE-WILLIAMS CO., Cleveland, O.



Judging Amphitheater and Barns; International Live Stock Exposition, Chicago. The 1906 fair is held from Dec. 1st to 8th.

Alix II. was sired by Orion and she was by Proud Advance. In line with this same breeding they again produced Orion. He was sired by Orion and his dam was the great Kruger Maid, that was one of the sensational sows of her time. The Morrison pig had for a foundation such well-known sires as Orion, Dandelion and Long John that have done so much for the Manley herd. They have bred for a purpose and along certain lines, and the winners they have produced have been no accident. Sixteen sales last winter were topped by sows bred by Messrs. Manley & Co. and along the same line as mentioned above. The sale of a half interest in Junior Jim marks the high price paid for a Duroc Jersey boar this season, and Messrs. Manley & Co. are to be congratulated on their success, as well as the breeders who have purchased the half interest in this splendid boar.

WAYNE COUNTY SHORT-HORN AND POLAND CHINA SALE.

Two events come off at Corydon, Iowa, November 30, 1906. In the forenoon Mr. D. T. Harris, of Mystic, Iowa, will sell twenty-three head of Polands. Six boars and seventeen sows and gilts are offered. The herd boar is Orange Longfellow 109307 by Orange Chief 82233 by Chief Prince 3d 28013. He will be in the sale, as well as a number of his get. Others of the young stuff are sired by Sunshine Tom 317578 by Missouri Sunshine 27779. Four brood sows bred by Messrs. Winn & Mastin sired by Corrector, Perfect I Know, Lamplighter and Mischief Maker are in the sale and should make an attractive investment. All the hogs are in good, healthy condition and their breeding is the best. A comfortable place has been provided for the sale to be held. In the afternoon the cattle sale will take place. The offering comprises sixty head in all, selected with care by a committee, from the herds of seventeen breeders. Only good serviceable animals have been allowed to enter and all stock is registered or eligible for registry and guaranteed to be right. There will be a considerable number of young animals offered, so that it will be possible for purchasers to make up a carload. Among the fifteen bulls there is one herd bull, Sanspareil King, which has proved a good sire. Some of his get will be in the sale. There will also be a few cows with calves at foot. Many of the animals offered are from good milking families and should prove valuable additions to herds in which that characteristic is demanded. The following sires are represented in the sale with offspring. Choice Goods Jr., Sanspareil King, Victor of Evergreen Park, Imperial Victor, Scarlet Prince and others. The committee assures good treatment to all. Come to this sale and encourage the organization. Catalogs may be obtained from Mr. J. E. Crosby, of Corydon, Iowa. Kindly mention The Homestead when writing. Turn to page 33 for the advertisement.

DUROC SWINE—SHORT-HORN—POLLED DURHAM SALE.

Messrs. S. R. Quick & Sons, of Gosport, Ind., will make a reduction sale at their Golden Glen Farm, one mile from Gosport, November 23, 1906. It will be remembered that Messrs. Cunningham & Welch sell Short-horns the day before, Thursday, November 22d, at Martinsville, Ind., only fourteen miles from Gosport, which point can be reached that evening or next morning by the Indianapolis & Vincennes railway. Gosport is also on the Monon railway. The fifty Durocs of Messrs. Quick will sell before noon, as soon as trains are in, and cattle, forty-three head, in the afternoon, as is usual in cattle sales. Lunch at 12:30 o'clock. The Durocs consist of ten yearling boars, ten spring boars, thirty brood sows and gilts bred to one of the herd boars: Beat Him If You Can, son of Kan't Be Beat, sold for \$2,500, one-third interest in which boar cost Messrs. Quick \$1,000; Golden Glen Chief, son of Ohio Chief, sold for \$2,000; Quick's Perfection, son of Perfection, sold last month for \$531; Sure Winner Jr., and Golden Hustler, son of Go Forward and Wamsutta, the sow with five of her pigs that brought Mr. Watson \$599. No better offering of Durocs has been cataloged this year. The Short-horns and Polled Durhams are a careful selection of half the Quick herd—the best half from the view point of quality, breeding, flesh and general usefulness. The ten young bulls are all good and well bred. The special attractions are a yearling son of Imp. Best of Archers, an eight months' son of Imp. Golden Emperor, and a son of Royal Avalanche and Imp. Mountain Maid 17th. These are show calves. Other yearling bulls by Golden Archer are also well bred on their dam's side. The cows and heifers when old enough and not having young calves are bred to bulls mentioned above, Missie's Archer and the Double Standard Polled Durham two-

How we keep American Fence Standard of the World.

Eighty per cent of all wire fence sold is American Fence. It takes fifty thousand miles of fence every month to fill the American farmers' orders for American Fence. That's enough fence to go twice around the world every month.

That makes American Fence Standard of the World and keeps it the Standard.

Tell you why. We make back the cost of thousands of dollars spent in improvements in fence

making it and keeping it "Standard of the World."

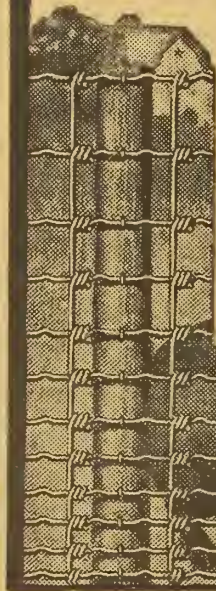
Better galvanizing makes American Fence last longer than ever—cost less per rod per year's wear.

That's why we have gone on making improvement after improvement in

AMERICAN FENCE

NOTE—I want to send you the combination key-ring, shown in the corner, with our compliments, as a continual reminder of American Fence. We register your name and number on our books, and return keys, without cost, if found and sent us.

FRANK BAACKES, Vice-Pres. and Gen. Sales Agt.
American Steel & Wire Co., Chicago, U. S. A.



Drop me a postal and tell me how much fence you will need this year. I will write you a personal letter about American Fence and send you this combination key-ring, screw-driver and bottle-opener.

3762
IF FOUND RETURN TO
AMERICAN STEEL & WIRE CO.
CHICAGO, AND RECEIVE REWARD.

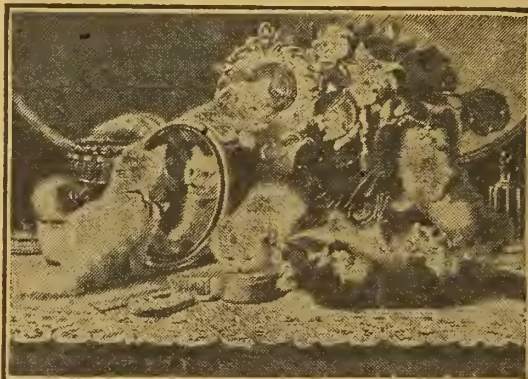
SENT TO YOU FREE

year-old bull, Cruickshank Secret, a richly Scotch-hred Polled Durham bull. He will also be sold, as he is related to many in the herd. He presents a great opportunity for a Polled Durham herd bull, being tried and not found wanting as a breeder or dehornor. Among the straight Scotch cows are Lady Missie, a daughter of St. Valentine; Princess Clipper and Imp. Mountain Maid 17th. The sale is made on eight months' time at 6 per cent. Send for catalog and investigate this offering.

AMERICAN AUCTION SCHOOL.

On December 17th, Col. Harry W. Graham, of Chillicothe, Mo., president of the American Auction School, will open the second term under the most favorable conditions. Graduates from the American Auction School report most favorably of the good done them through having taken a course, that they feel that no young man who contemplates entering the profession can afford to miss a term at the American Auction school. In addition to the testimonials which appear in the advertisement we here-with submit others from auctioneers who are making a success in their chosen profession: "Clarence, Mo., Sept. 1, 1905. Col. H. W. Graham, Chillicothe, Mo. My Dear Sir: It gives me great pleasure to speak a word in behalf of the American Auction School to any one thinking of taking such a course, and no one should think of entering the auction profession without taking a course in such a school. The four weeks' course gave me what it would have taken me four years to get in the open field. The good workers in all professions

FREE! "PLAYFUL KITTENS" FREE!



One of the cute kittens is looking into a hand mirror, another listens to the ticking of a clock, another is tasting of the cream, another catches the odor of the beautiful roses, while the fifth touches a glove, carrying out the actions of the Five Senses which the picture represents.

Rich in coloring, exquisite in execution, the original is one of the best animal-life paintings. Our reproduction is an exact duplicate in every tint and color. Sizes 15x20 inches.

OUR OFFER: Farm and Home, our 32 page national Farm and Family semi-monthly, now reaches over 400,000 homes. To introduce it into thousands of homes where it is not now taken, we will send you FARM AND HOME six months for only 20 cents (two dimes or ten 2-cent stamps). Further, if you will send us at the same time the name of one other person to whom we can send a free sample copy of FARM AND HOME, we will send you postpaid, this beautiful work of art.

MORE STILL You will also receive our beautiful Illustrated Premium List, containing over 200 useful articles and the most remarkable offers ever made. Agents wanted everywhere. Liberal commissions. Address, mentioning this paper FARM AND HOME, Marquette Building, Chicago, Ill.

Chillicothe, Mo. It is a grand institution and I can faithfully and conscientiously recommend it to the public as a thorough, practical and up-to-date school. Very respectfully, P. J. Hariff." Colonel Graham's catalog is ready for distribution. He is making special inducements for the December term and those of our readers who contemplate entering the profession should write Colonel Graham at once. See page 29 for advertisement and when writing, kindly mention this paper.

FALFURRIAS, IN THE GULF COAST COUNTRY OF TEXAS.

Men have called many spots on the earth the "Garden of Eden," but Roosevelt called Texas the "Garden of the Lord"—and it would seem that he was right. No state in the union produces such a number of different crops as Texas. No state is richer in agricultural possibilities. The northern man or woman who has not visited Texas and made a study of its soils and products has very little idea of conditions there, and especially of the wonderful change which has been brought about in the last ten years. There was a time, not many years ago, when Texas was one vast pasture. It is not so today. In southwest-Texas on the Arkansas Pass railway is located the town of Falfurrias—meaning "Hearts Delight." Two years ago this town had twenty-eight inhabitants. Today it has 1,500. The reason for this wonderful growth is simply that the land in the vicinity of Falfurrias is being farmed—and the farmers are getting rich. The land here is unusually rich and the crops unusually profitable. What would a northern farmer think of shipping a car of mixed vegetables on the 26th of February? Yet this was done this year at Falfurrias. This car was the first that was shipped in the United States and went to the New York market. The profit on these vegetables was \$1,600. Falfurrias also shipped the first car of watermelons in the United States this year. They were shipped May 25th. They brought \$400 a car. The first bale of cotton shipped from any point in the country this year went from Falfurrias on July 4th. Until two years ago it was thought that only lands in California worth \$500 to \$800 per acre could produce such fruits and products as winter vegetables, grapes, oranges, lemons, olives, dates, etc. But the building of railroads to southwest Texas has changed this and made this coun-

try the winter garden of the United States. It is nearer the great markets, has less frost and a more healthful climate than southern California. Thus this section has many advantages. Among the profitable crops here are alfalfa, which makes four or more cuttings per year. Cotton brings \$25 to \$45 per acre, and as the area of cotton land is very limited this is a great feature. Agricultural reports show that cotton land has had the greatest percentage of increase in value of any land during the past five years. The Falfurrias country also grows beans which net as high as \$200 per acre; watermelons which net an average of \$50 per acre. Among other crops which pay big are onions, beets, cabbage, carrots, cantaloupes, cauliflower, cucumbers, egg plant, Irish potatoes, sweet potatoes, grapes, blackberries, strawberries, figs, etc. Lemons, olives and bananas also do well. The Falfurrias Immigration Company, which have offices in Kansas City, have done wonders for this country. A large amount of land has been sold and put in cultivation. These lands sell at \$14 to \$25 per acre. Think of raising such crops on land bought at these prices. The lands are subdivided into tracts of 20, 40, 80, 160, 320 and 640 acres, and sold on extremely easy terms. The immigration company is composed of men who stand very high, are financially able and are willing to carry out the plans they have made to make Falfurrias the center of a great farming district, and they are making those who go to Falfurrias feel welcome and lending new-comers assistance in the true, whole-hearted southern style, for they realize that the success of their undertaking depends on the success of the individual who makes his home among them. They expended last year \$160,000 in platting of town sites, streets, parks and country roads, water works, long distance and local telephone, bank, mercantile company, lumber yard, newspaper plant, machine shops, saddle and harness factory, cotton gin, forty houses for laborers, and last but not least, \$15,000 for one of the most scientifically-cultivated demonstrations farms to teach new-comers to raise the most profitable crops. Read their advertisement on page 23.

LAST CALL FOR THE SADDLER BROS. & C. N. MOORE SHORT-HORN SALE.

One of the most important sales of Short-horn cattle that will take place this month is that of Messrs. Saddler Bros. and C. N. Moore, at Hastings, Neb., November 21st.

DIRECT FROM MILLS TO YOU

WE PAY THE FREIGHT



Have you ever stopped to consider when you buy a tin roof from your dealer, that you are charged three profits: first, the profit the jobber gets when he sells to the dealer; second, the dealer's profit on the tin; third, the dealer's profit on the tinner's labor?

But do you get a satisfactory roof even after you have paid the three profits and the job is completed? Or do you often have to send for the tinner again in a short time to patch up a leak?

BEACON-ITE is a long wave fibre roofing that you can buy direct from the mills, thereby saving the jobber's and dealer's profit. You put it on yourself and again cut down the expense. BEACON-ITE LONG LIFE ROOFING will never rot or rust.

We want to send you FREE samples of this roofing for your examination and also quote you mill prices. You'll be surprised at the quality and the price.

BEACON-ITE MILLS, 1105 N. 2nd Str., St. Louis



COL. HARRY W. GRAHAM.

can always get work, and the best foundation is to get started right. To whom it may concern I would say that if you contemplate entering the auction world your money and time will be well invested that you spend at this school. Wishing you and all your future students success, I am yours truly, E. J. Waterstrip." "Lamon, Iowa, Aug. 12, 1906. To whom it may concern: This is to certify that I take great pleasure in adding a few words of commendation in behalf of the American Auction School at

are putting up an extra good offering, composed of thirteen females and nineteen bulls of breeding age. The number and quality of the bull offering is such as will and should command the attention of good breeders, especially those who want bulls in numbers. The man who wants half a dozen or more bulls can easily get what he wants in this sale. We wish to call special attention to the roan yearling bull consigned by Mr. T. H. Saddle, No. 11 in catalog. This splendid young bull was bred by Mr. T. H. Saddle and is a bull of plenty of size and quality for one of his age and should be looked after by some breeder who wants a herd bull. There are other bulls in this sale that are good individuals and should be sought for by leading breeders. Among the females we find some extra good Scotch and Scotch-topped cows that have proven wonderful breeders and good milkers. We call special attention to Nos. 3, 4 and 12 in catalog, which will have good calves at foot. No. 4, Sally Betts 5th, has an extra fine heifer calf at foot which should be a good drawing card for this sale and the pair should command a good, long price. Another of the good ones consigned to this sale is Novius 5th by Sir Prince. This is certainly a great cow and one worthy of consideration on sale day. She has a good bull calf at foot and is the dam of other good ones in this herd. Betsy by old Sir Prince is another of the good ones and is a daughter of Sally Betts 5th, the cow that has proven herself a wonderful breeder and great benefit to this herd. This cow has a good heifer calf at foot and anyone looking for this class of stuff can make no mistake in buying any of the three cows mentioned. The offering from both parties is desirable in every way, as there are no old cows in the offering that have passed beyond their usefulness. It is not a culling out sale, but is simply an offering of the surplus young stock that they have bred on their farms for the purpose of selling to breeders. Catalogs can be had at this writing by addressing Mr. T. H. Saddle, of Hastings, Neb., and we trust that those in search of well-bred Short-horns with plenty of quality and size will not overlook this sale, as we consider it one of the good offerings of the season.

A GATE FOR \$4.50.

The day of the wood gate has passed. In the first place wood is so high in price that it no longer makes a cheap gate, and it never made a good gate. It rots, gets out of shape, pulls apart and it is never a thing of beauty. On the other hand metal gates stand the wear and tear of usage, they look neat, turn stock effectively and as they are light they do not sag out of shape. This is particularly true of the gate made by the Ward Fence Company, of Marion, Ind. It is twelve feet long, fifty-four inches high and it is made to last a life time. It will turn hogs, cattle, horses

TOO LATE TO CLASSIFY.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 10c postage. FRANK FOY, BOX D, - DES MOINES, IOWA.

B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, : : : Palo, Iowa

I HAVE some extra fine Fox Terriers, nicely broken, also young stock, both sexes, all guaranteed to make extra good rat dogs. Also our broken Collie bitch for \$15 or will exchange for S. C. White Leghorn hens or pullets.

C. H. DRAKE, - Stockport, Iowa

Hustle On 105337 Heads Herd. 400-lb. fall males, large, heavy-boned Poland Chinas, Spring males, the kind that all want. S. L. Wyandotte and H. C. B. Leghorn chicks, \$1. S. H. cattle. Inter-state phone. F. Ebendorf, Strawberry Point, Ia.

MY herd of Poland Chinas are the big type, headed by Standard Chief 24 92441, by Standard Chief an 800-lb. hog with 10 in. bone assisted by "I Am Sunshine" 104877 by Iowa Sunshine. 23 March and April boars for sale, wt. 175 to 225 lbs. If you want size, finish, with blood lines, I have it. Write your wants. Jas. Cockerton, Route 1, Whiting, Iowa.

Irving Herd Chester Whites.

40 HEAD April farrow. Large growthy pigs. Either sex for sale. Prices right.

F. L. MARSH, - IRVING, IOWA.

POLAND CHINA BOARS AND SOWS.

BIG boned lengthy fellows with broad backs and plenty of finish. By H. T. C. S. U. S. 55611 an 800 lb. hog in show shape. Their dams matured sows. Priced cheap to move them.

J. B. McALLISTER, - PALO, IOWA.

50 Topsy Duroc Jersey Boars and Gilts

Sired by Junior Jim and Arion. A choice lot of breeding stock will be priced right—so they will go—during the next thirty days. If you want something good, write at once.

R. C. POSTON, - Corydon, Iowa

NOTICE.

FOR SALE—25 pedigree Poland China pigs, both sexes. Prices reasonable. Customers always satisfied. Have been a breeder ten years.

SAMUEL LOCKE, Route 1, Schu, Van Buren Co., Iowa

CHESTER WHITES—Choice March and April boars. They are bred right, fed right and priced right. I can please you. J. A. Bell, Allison, Iowa.

MIDLAND DUROCS 15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

WHITE Wyandotte cockerels for sale. Pure bred. Prices low for quick buyers. Address Rose-lawn Farm, W. S. Gregory, Keota, Iowa.

WHITE ROCKS—Scored cockerels and pullets \$1.50 each. Unscores birds, \$1.00. G. H. Blake, Route 2, Oelwein, Iowa.

and even poultry. Send for the free catalog if you are interested in gates. Address Ward Fence Company, Box 302, Marion, Ind.

A GOOD AUCTIONEERING SCHOOL.

The seventh term of the National School of Auctioneering and Oratory opens soon. Col. Carey M. Jones, an unusually strong auctioneer, is proprietor of the school. For years previous to the establishment of this institution Mr. Jones has been very successful in conducting live stock sales of the highest character. Being thoroughly posted on pedigrees of the leading beef breeds, he is well fitted to teach. Graduates of this school are selling pure-bred stock in eighteen states and in Canada. Those of our readers considering the advisability of learning the business should address the Jones School of Auctioneering and Oratory, 231 Ashland Boulevard, Chicago. Also refer to the advertisement on this page and kindly mention this paper when writing.

A WELL-IMPROVED COLORADO FARM.

Perhaps one of the finest and best built up half sections in the land of health and sunshine lies near Greeley, Colo. The buildings comprise a magnificent eight-room colonial house with all the modern conveniences. Surrounding is a thrifty orchard and a grove of valuable hard wood trees. Near by are the lodgings for help, also work shops and tool sheds. The outbuildings are large and well constructed, including barns, sheds, corals, root cellars and poultry house. On the west half is located the tenement houses and all other necessary buildings. The water rights on the farm are as good as any in the state, and the crops this year amount to 4,000 bushels oats, 5,000 sacks potatoes, 400 tons alfalfa, 600 bushels wheat, besides other small crops. Thus it is a general farm in an enviable location. Write to J. S. Flower & Co., Denver, Colo., for further description. Terms are easy and this is an investment worth looking into. When writing please refer to the advertisement on page 22.

LENTZ' CLOSING OUT DUROC JERSEY SALE.

On Tuesday, November 27th, at his farm near Earlham, Iowa, Mr. J. F. Lentz will close out his entire herd of Duroc Jersey hogs. This includes herd boars, brood sows, gilts and young boars. In fact everything goes, owing to his selling his farm. His present herd boar is Gold Bud 43791 by Golden Rule 14101, dam Our Pride II, third in class of sixty-six at St. Louis. He goes into the sale, also a lot of his get, and he will be bred to many of the sows to be sold. He is a big hog with lots of length and bone, and a breeder of a good lot of pigs. Some of the good spring gilts are sired by Lentz Red by Red Lad 16903, also one litter of three boars and four sows are sired by Addy's Top Notcher. These are out of a sow called Silver Lady by Surprise II, bought in the Harding sale. One of the best litters is sired by Lentz Red and out of a sow called Olive II, a granddaughter of Albinus. Topsy Pride, a daughter of Lentz Red, and her litter sister, Topsy Maid, both good sows, go in and no one will go wrong in buying either one of these. As this is a closing out sale, absolutely, there are going to be bargains here. Mr. Lentz has bought good foundation stock and he has a good crop of pigs, but the buyer gets the benefit of all in this sale. Breeders can well afford to attend this sale and pick up a few choice gilts for their brood sow sales and thereby make some easy money. Write Mr. Lentz at once for catalog and mention The Homestead.

A POWERFUL DISINFECTANT FOR THE FARM.

The value of a stock dip lies chiefly in its virtue as a disinfectant. What the farmer and the stock raiser desires, above all else, is to prevent disease—to keep it from becoming contagious and spreading to the unaffected animals on his farm and the farm of his neighbor. It is easier and much cheaper to prevent disease than to try to cure it when it has fastened its grip on your herds and flocks. We believe that in this day of advanced ideas and improved methods every farmer will agree with us that it is wise economy and highly satisfying to use a good disinfectant dip regularly. It is in truth a money-saving practice. The sanitary condition of barns, lots, food and water troughs, in fact, the entire surroundings has its influence on the general health of farm animals. Unsanitary surroundings breed diseases which cause an annual loss to stock raisers that is simply astounding and which might be prevented if proper conditions were maintained. As we said above, the value of the stock dip depends upon its virtue as a thorough disinfectant, so its virtue as a disinfectant depends entirely upon its purity and strength. A perfect disinfectant must be non-poisonous, non-corrosive and absolutely harmless to use. It must emulsify in water without leaving a sediment in the bottom of the solution and without throwing a scum to the top. We have such a dip in Hygeno, the strongest, most powerful disinfectant dip on the market. There are various compounds offered as dip, making a milky emulsion, which, in one respect are similar, but they all fall far short of equaling Hygeno in strength, purity and power, and none of them possess the positive disinfecting qualities, or have the healing, invigorating properties of Hygeno. This has been proven in every competitive test. Besides being a thorough disinfectant, Hygeno is a perfect germicide, parasiticide and a very useful antiseptic, practically furnishing the farmer a universal remedy, as well as a sure preventive for all known animal ailments. Readers of this paper, no matter whether they have a few or many head of stock, will find it worth their time and trouble to write the Hygeno Disinfectant Company, 582-588 Citizens Building, Cleveland, Ohio, for their catalog of the many practical uses to which Hygeno can be put. You will find this a valuable hand book on the care of all kinds of domestic animals. When you write kindly mention this paper and the book will be sent free.

SEND US THE ADDRESS OF YOUR FRIENDS IN NORTH DAKOTA.

Special rates from North Dakota up to the boundary line to points on the Minneapolis St. Louis R. R. and Iowa Central in Iowa and Illinois, on sale during November and December and good to return until April 15th. Send us your friends address and we will advise them fully. W. K. Adams, D. P. A.; D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 20 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.

DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

TOO LATE TO CLASSIFY.

THE Lafayette Stock Farm

LAFAYETTE, IND.

Largest importers in America of Oldenberg German Coach, Percheron and Belgian stallions and this no man can dispute. Our next importation of 1906 will arrive November 15th. We have won more blue ribbons in 1906 than all other importers combined.

At the great Illinois State Fair at Springfield we won, out of fourteen shows, twelve blue ribbons in the Percheron, Belgian and German Coach classes. We won the championship offered for the five best Percheron stallions owned by one firm and also the same championship offered for the best five Belgian stallions. We won the championship for best Belgian stallion and second, third and fourth in that class. At all other fairs we have done as well and we can show buyers more good, serviceable draft and coach stallions than ever before.

Our exhibition in 1906 at the great International will surprise the hundreds of thousands of visitors that will attend. We can and do sell our stallions as low as they can be sold at any place in America.

DEPARTMENTS

SEDALIA, MO. NASHVILLE, TENN. SAN JOSE, CAL.

Galbraith's Horses

The Horses That Made
..... Janesville Famous

HAVE been in competition with those of others at all the large Exhibitions of the last 28 years and have come off with Highest Honors. We want you to compare our prices with the prices of the others. 47th Importation of 49 head landed Aug. 21, 1906. Clydesdales, Shires and Hackneys.

Alex. Galbraith & Son,

105 Sinclair St., Janesville, Wis.

POLAND CHINA BOARS

WE have 20 March and April boars sired by R's Keep On, Iowa Chief and other noted boars. Long, growthy fellows, good colors, heavy boned, smooth as an apple and out of large, roomy sows. They weigh from 175 to 200 lbs. If you need more size in your herd, it will pay you to get one of these pigs. We guarantee our pigs as represented and always satisfy our customers. We cannot afford to send out a poor pig, as we are in the business to stay, and expect to supply our customers again in the future. Below is a copy of one of the many letters we receive from our customers:

DEAR SIRS:—We got the pigs Friday evening, the 2d, O. K. We are all well pleased with them. They are just as you said they were. Respectfully Yours,

Callender, Iowa.

All correspondence cheerfully answered.

Bred Sow Sale February 12, 1907.

RUEBEL BROS., Rockwell City, Ia.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar III. State Fair 1905, and Big I Am, 1st prize boar III. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

BUY A DUROC JERSEY BOAR

Sired by
Crimson Wonder Again

The Iowa State Fair Sweepstakes Boar. I HAVE them and they are good ones. Also some choice boars by Lottie's Top Notcher. Order right away if you want one. Address,

GRANT SUMMERS, - - - Malvern, Iowa

Jones Nat'l **AUCTIONEERING** School of and ORATORY, 231 Ashland Blvd. Chicago, Ill. All branches. Special instructors. Term opens soon. Free Catalog. CAREY M. JONES, Pres.

IMPROVED CHESTER WHITES

BOARS 200 to 250 lbs. at \$15 to \$25 each. Gilts bred or open. Four yearling sows at \$25 each. E. J. TRUMBAUER, - - - Patterson, Iowa

AMERICAN AUCTION SCHOOL

HARRY W. GRAHAM, President,

(Live Stock Auctioneer.)

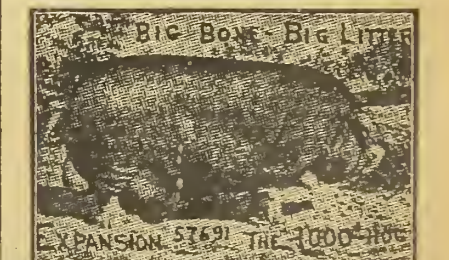
CHILLICOTHE, MISSOURI.

Next Term Opens December 17, 1906.

Special Rate for December Term.

All branches Auctioneering taught, also Voice Culture, Auction Law and Live Stock Judging by Special Instructors. Our graduates now in many states. "Col. J. H. Webb, of Spalding, Neb., who graduated in the July term of this school, writes under date of Oct. 3d that he has 53 sales listed to date and is getting all the work he can do. Col. W. C. Curphey, of Abilene, Kan., is another July graduate who is being booked on some of the best pure-bred sales of that state." For catalog address,

L. E. GRAHAM, Sec., - - - Chillicothe, Mo.



THE "General Utility"—"Nebraska Type" Grand Look 38805, Champion Boar 1906. Bred Sows and Pigs for sale. H. C. Dawson-Sons, Endicott, Neb.

A CHOICE COLLECTION Of Duroc Boars For Sale.

DESCENDANTS of famous sires, Tip Top Notcher, Ohio Chief, Improver II, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

Fagan, Browning, Hess & McCabe, HERSMAN, - - - ILLINOIS

T. A. STEVENSON, Shannon City, Iowa.

BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

BUFF ORPINGTONS and Buff Rock cockerels. Large, even colored birds, \$1.00 to \$1.50 this month. Mrs. G. R. Fuller, Rolfe, Iowa.

More Concerning the Parsons, Stewart and Turner Sale of Short-horns.

The very important sale of Short-horn cattle to be held at Newton, Iowa, by Messrs. H. D. Parsons and Andy Stewart, on November 27th, is deserving of more than passing notice. This will be one of the very important sales of the season, and one of the last important events to take place in Short-horn circles prior to the international show at Chicago, December 1st to 8th. The offering made by Messrs. Parsons and Stewart is exceptional in many ways. It embraces, as has been before stated, almost the entire small herd of Scotch cattle owned by Mr. Andy Stewart, which includes ten females of the most royal Scotch breeding, all young and of the most useful ages. Everything offered by Mr. Stewart is of breeding age, and yet there are no old cows listed. The large percentage of Scotch cattle offered from the Malaka Farm of Mr. H. D. Parsons is made possible for two reasons: Mr. Parsons finds himself very short on farm help, and in addition to this, a local hail storm almost ruined his corn crop this season, which prevents his carrying these cattle over until spring, at which time he could reasonably expect to get a much better price for them. This is the occasion for throwing so many Scotch cattle on the market this fall. Something like thirty-four head of the entire offering of sixty head are Scotch. In the selection of the cattle for this sale, due care has been exercised to include only cattle that are breeders and are useful in every way. Nothing has been cataloged about which there is the slightest doubt. The cattle are in the pink of breeding condition and at this writing are still in the blue grass pastures. It has been the experience of these two gentlemen that cattle so handled were the most profitable to the buyer, and it has been on this line that their reputation for selling good values in Short-horns has been made. They hope thus to continue the same good name that has characterized all their undertakings in the past. Little need be said concerning the high standard of Messrs. H. D. Parsons and Andy Stewart. The writer of this article has been personally acquainted with Mr. Parsons and his operations at Malaka Farm for twenty years, and we have yet the first time to hear one word of complaint with regard to Mr. Parsons' methods of dealing with his customers. In fact, locally there is no man in Jasper county whose words stand higher than that of Mr. H. D. Parsons. The fact that Mr. Parsons has consented to take Mr. Stewart into a joint sale with him is the best evidence that Mr. Stewart is himself a man of this same type and character. In purchasing seed stock it is very essential that the pedigree of the man from whom the stock was purchased is as good as the pedigree of the animal. In this particular case, no men engaged in the business stand higher in the estimation of the public than these two gentlemen. High prices are not expected. Both participants to this sale will be contented if the public can but realize the high character of the cattle to be sold and will attend the sale and take these cattle at bargain prices. In the case of Mr. Parsons, the major portion of his offering has been bred and reared at Malaka Farm; hence, can be sold at whatever prices the public sees fit to place on them, and still leave a margin of profit on the right side of the ledger. With Mr. Stewart it is somewhat different. The ten Scotch Short-horn females that he is offering have been purchased at long prices. However, Mr. Stewart is a man of good, keen business judgment, and will be content with whatever values the breeders in attendance may see fit to place upon his contingent. Mr. Stewart, it will be remembered, closed out his herd some three years ago, or less, and has had to buy in Scotch cattle for the foundation of the present herd. But the old home farm on which he established this new herd has been sold and Mr. Stewart is not situated so that he can continue to keep so large a herd together. Hence, if these cattle do not bring even the purchase price, Mr. Stewart will simply pocket his loss gracefully as becomes the thorough business man that he is and conclude that he possibly exercised bad judgment in the values placed upon these purchases when made by himself. Included in this sale will be ten Scotch bulls, all of breeding age, among which are some herd leaders. Mr. Parsons has been noted for furnishing bulls of this character for many years. All told Mr. Parsons will contribute some thirty-four females and twenty bulls to this sale. The offering from start to finish is attractive in many ways, and for samples of the Scotch cattle we refer to the full page announcement in this issue of The Homestead, where representative Scotch pedigrees appear in full. Of course we can show but a small per cent of the many good Scotch cattle to be sold on a single page. However, the sample suffices as an indicator as to what may be found in the complete catalog, which, we are sorry to say, has not reached the writer at this time. In addition to the many good matured Scotch females, Mr. Parsons is offering the best bunch of richly-bred Scotch calves, almost a year old (heifers) that have ever left Malaka Farm, and in fact we do not recall when such a bunch of like ages has been offered by any breeder. With one or two exceptions it embraces the entire heifer crop of the year. For particulars address either of the above named gentlemen for catalog, and any other information relative to this sale. Free entertainment for all parties from a distance has been arranged for at the Churchill Hotel. Free lunch will be served in the pavilion on the fair ground at 12 o'clock noon, the sale commencing at 1:30 sharp. Liberal terms are offered in the way of settlement.

E. S. Turner's Sale of Short-horns.

On November 28th, the day following the big Scotch Short-horn sale of Messrs. H. D. Parsons and Andy Stewart, in the sale pavilion at Newton, Iowa, Mr. E. S. Turner, of Colfax, Iowa, will sell forty-eight head of Short-horn cattle in the same pavilion, and earnestly requests all breeders who attend the Parsons-Stewart sale to remain over the next day and buy bargains from his big draft sale. Mr. Turner will sell his herd bull, Red Victor, a splendid breeding bull bred by Mr. H. D. Parsons, sired by Victor Baron and out of Imp. Mable. This thick-bred bull was three years old in June and is a straight Scotch bull whose breeding, while

as rich as can be, is no better than his rare individual excellence. The calves from this bull are among the choicest to be found in any herd. He is a very uniform breeder of red calves of the same thick and desirable conformation as himself. Mr. Stewart is a modest gentleman who has been quietly breeding Short-horns for many years, his father having been in the business before him. And from the standpoint of practical business Short-horns, few herds can excel the one owned by Mr. Turner. The cows are largely of American sorts, but are of the proper type, are splendid milkers and very rapid breeders. They are Young Marys, Lanthas, Daisies, Carolines and Belinas. Mr. Turner's offering is principally the get of bulls bred by Mr. Parsons, coming through such good bulls as Rosemond by Duke of Oakland, whose second dam was Rosebud by Imp. Bandmaster, and the second dam by Imp. Master of the Mint, the third dam being by the best bull ever owned by that veteran breeder, Mr. J. G. Myers, of Kalona, Iowa. We refer to Mr. John W. Porter. The bull that preceded the above described animal was the Scotch bull, Idlewild Favorite. In reference to the rapidity of Mr. Stewart's cows in breeding, we will mention Hawthorne's Mazurka 5th, a cow that produced four living calves in less than twelve months, and no free martins among them, and this same cow is now safe in calf again. Another of this family is Hawthorne's Mazurka 2d, a splendid breeding cow included in the sale and the dam of the splendid bull that Mr. Turner sold some time ago to Mr. Christie, of Phoenix, Arizona. A splendid little block and a typical Short-horn is the red cow called Little Orange Blossom. She is fifteen-sixteenths Scotch and is about as breezy a looking proposition as one could well find. She has a splendid roan daughter one year old included in the sale, which bespeaks for her the honors above mentioned of being one of the greatest breeding cows in the offering. Mr. Turner has raised all of these cattle on his farm and is in position to take for them whatever the public sees fit to give him, without a murmur or a complaint. It certainly will afford buyers who desire a car load or more of useful breeding cattle to be present at this sale. Some fifteen to twenty calves will be sold with dams as one lot, and in many instances the cow bred again, which will give the buyer an opportunity of securing three head at the purchase price of one. These cattle will be at the fair grounds and on exhibition the day of the Parsons & Stewart sale, so that everyone interested can look them over and ascertain for themselves the character of the offering. For catalogs of the Turner sale, address Mr. E. S. Turner, Colfax, Iowa.

McLemore's Short-horn Dispersion.

A sale of Short-horn cattle that will and should attract the attention of every breeder in the cattle raising territory is the dispersion sale of Mr. W. M. McLemore, to be held at Anderson's sale barn, Seward, Neb., November 24th. These cattle are the product of several years' selecting among the leading herds of Iowa and Nebraska. Every animal to be sold in this sale was bought for the purpose of using in this grand herd, but as Mr. McLemore has disposed of his farm and having no place to keep a herd, he will offer to the breeders and farmers as grand a lot of cattle as has been put before the public this season. It will pay you, Mr. Farmer and Breeder, to come to this sale if you are in the market for some richly-bred Short-horns that have both scale and good milking qualities. This female offering we consider one of great excellence. Of the forty-three females in the sale, twenty-six of these grandly-bred cows will have calves at foot and the greater part of them are bred again to one of the three good Cruickshank bulls at the head of this herd. They are a richly-bred lot, twenty-two of them being descendants of Rose of Sharon and ten True Briton cows that should be sought for by leading breeders. It will be seen by looking over the catalog that the breeding is of the very best in well-established families. They show the Scotch type, the low-down, blocky type that are so much sought after and they will be in breeding condition, not overloaded with fat. One of the best families in the herd is the Rose of Sharon, and there will be

W. W. BROWN'S DISPERSION

OF

SCOTCH SHORT-HORNS.

At Sale Pavilion, Kansas City, Mo., Wed., Nov. 28.

SIRE
Tillycairn 150069
Wm. Duthie (Imp. in dam).
Rich red Roan.
Calved May 27, '99.
Owned by W. W. Brown.

Imp. Spicy Monarch
150068. W. S. Marr.
(73701)

Imp. Circe 3d v. 44, 995
(v 45, 778E)
Jno. Wilson.

Spicy Robin 134607.
J. Dean Willis (69638)

Alexandrina 20th
W. S. Marr. (v 42, 506)

Sennacherib 136637
Jno. Wilson (67893)

Circe (v 45, 778E)
Jas. Bruce

Roan Robin 109921 (57992)
A. Cruickshank
Sprightly (v 42, 704)
J. D. Willis

Wm. of Orange 95736
A. Cruickshank (50694)
Alexandria 17th (v 34,
W. S. Marr 456E)

Sovereign 136638 (61841)
Sensation (v 30, 429E)
A. Cruickshank

Earl of Moray 103046
Clara 12th (43171)

Thirty head will be sold; all but two are of my own breeding. They are of the Lancaster, Eliza and Scotch Rosemary families. Seventeen females will have calves at foot or will be well along in calf to Imp. Tillycairn. Eight heifers are just ready to breed. Imp. Tillycairn and four young bulls complete the offering. All are well bred and useful, raised under natural conditions. For fifteen years I have bred the Short-horn, using pure Scotch bulls and I regret that I must close out in order to care for my other business interests. Send for catalog; it tells the story.

COL. R. L. HARRIMAN
Auctioneer

W. W. BROWN, WESTON, MO.

FIRST ANNUAL SALE

OF IMPORTED, STRAIGHT SCOTCH,
CANADIAN BRED & SCOTCH-TOPPED

SHORT-HORNS

AT MY FARM NEAR

KENNARD, NEBRASKA,
TUESDAY, NOVEMBER
27, 1906.

42
HEAD

42
HEAD



HERE will be 42 head in the sale, 30 females and 12 bulls.

Fifteen cows will have calf at foot to my former Scotch bull Red Bud 145102. Imp. Flora 50th, a splendid red cow imported by Cargill & Son, will be included, also a number of Canadian-bred cows and heifers. There is a splendid bunch of Red Bud heifers in my sale, also a daughter of Baron Lavender, that is good enough for a show heifer, her dam being a daughter of Imp. True Briton. There will be an excellent lot of young bulls in the sale. One of these is Brawith Lad, a straight Scotch sired by Golden Lad, and is out of the great cow Imp. Rosemary 212th. This being my first annual sale, I am putting in some of my best cattle. I extend a cordial invitation to all breeders and farmers to attend my sale. Kennard is on the C. & N. W. R'y, six miles west of Blair, 25 miles northwest of Omaha, and 16 miles east of Fremont. Write for my catalog at once. Address,

DELMAR McCANN KENNARD, NEB.

Please mention Iowa Homestead
when writing.

GEO. P. BELLOW, Auct.

quite a number of these in the sale. They are all well topped out with excellent Scotch bulls, are invariably good milkers and have been excellent producers in Mr. McLemore's hands. In fact the calves at foot and those well along in calf will demonstrate the fact that they are a practical and money-making lot of Short-horns. One of the Scotch bulls referred to in the announcement is Royal Aberdeen, a pure Scotch bull one year old weighing a little over 1,000 pounds. He is an extraordinary good individual. He is a roan of the low-down, blocky type and is one of the best individuals that will be sold this fall.

International Sale of Aberdeen Angus.

The annual auction of Aberdeen Angus cattle under the auspices of the National Association has been an interesting and attractive feature to all admirers of this breed since the establishment of this show. It is the last great show of the year and numer-

ous champions and prize winners have been auctioned in these sales held in connection with the exposition. This year the sale will be held on Tuesday, December 4th, and there seems to be every prospect that the offering will be fully up to the standard of its predecessors. Leading breeders are consigning and quite a number of herd bulls and show animals of both sexes are cataloged. The consignors are Messrs. C. J. Off, Peoria, Ill.; D. Bradfute & Son, Cedarville, Ohio; Jacob Larue, Etna, Ill.; H. L. Cantine, Quimby, Iowa; Geo. Kitchen, Jr., Gower, Mo.; Lew Kerr, Newtown, Ind.; J. V. Arney, Leon, Iowa; W. N. Foster, Stone Bluff, Ind.; W. J. Miller, Newton, Iowa; M. A. Judy, Beecher, Ill.; McLachlan Bros. & Johnson, Estill, Mo.; J. B. Withers, Missouri City, Mo.; S. Melvin, Greenfield, Ill.; N. G. Daughmer, Douglas, Ill.; Maurer Bros., Boonville, Ind.; S. S. Kirkpatrick, New Richmond, Ind.; J. D. Hatch, Lancaster, Wis., and E. L. Salisbury, Shepherd, Mich. Catalog will be mailed upon application to Mr. W. C. McGavock, sale manager, Springfield, Ill.

BREEDERS SALE :::: 200 HORSES 200

Bloomington, Ill., Jan. 9-10-11, in Coliseum Wednesday and Thursday, Jan. 9-10, will sell 125 Registered Percherons, French Draft, Shires, Clydesdale Horses, Mares and Stallions.

These horses are consigned by the very oldest breeders in the state and out of the very best families and show herds that represent over 2,000 premiums to their credit. We don't claim to have all the prize winners of France, England or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield and other fairs in 1904-5-6. This will be one of the largest sales of pure-bred horses ever held in the state. These are the wide-as-a-wagon kind and a number of them will weigh over 2,000 pounds.

FRIDAY, JANUARY 11, WE WILL SELL 75 REGISTERED TROTTERS, GRADE DRAFT, COACH, ALL-PURPOSE AND SADDLE HORSES, STALLIONS, MARES AND GELDINGS FIT FOR THE MARKET.

This offering will consist of some of the very best bred ones in the state, and some with very fast mark, also a lot of gentlemen's drivers with several good matched teams and a lot of all-purpose horses. This will be a lot of very high-class horses, with a number of mares and geldings fit to ship to any market.

CONSIGNORS—Wm. Crownover, Hudson, Iowa; A. J. Dodson, Normal, Ill.; A. M. Storm & Son, New Lenox, Ill.; John C. Baker, Manhattan, Ill.; D. Augustin, Carlock, Ill.; Hurt & Reid, Arrowsmith, Ill.; Dillon Bros., Normal, Ill.; Wm. Ritter, Arrowsmith, Ill.; Walter Allen, Dunlap, Ill.; W. F. McTaggart, Pana, Ill.; Bloomington Horse Sale Company; Wm. Westmorland, Arrowsmith, Ill.; Frank McClure, Gibson City, Ill.; Mat Campbell, Bloomington, Ill.; M. G. Murray, Holder, Ill.; O. M. Welshir, Heyworth, Ill.; Chas. Boulware, Fletcher, Ill.; C. J. Raboin, Askum, Ill., and other consignors. Catalogs ready December 15th. Sale each day at 9 a. m.

C. W. Hurt, Mgr., Arrowsmith, Ill. Cols. John D. Snyder, D. L. Brown, Aucts.



Gudgell & Simpson to Sell Anxiety-Bred Herefords at South Omaha, Neb.

On Tuesday, November 27th, at South Omaha, Neb., Messrs. Gudgell & Simpson, of Independence, Mo., the founders and promoters of the Anxiety strains of Herefords, will make a draft sale of twenty young bulls and thirty two-year-old heifers, bred. This will be the third sale made by these gentlemen in thirty years. They have been connected with others in various sales, but in this sale every animal will be of Messrs. Gudgell & Simpson's breeding and every animal will be rich in the blood of Anxiety 4th. In writing an introductory for a former sale catalog Mr. Gudgell wrote at some length a preliminary from which we take the liberty of making quotations, as they will undoubtedly prove of value to all who buy and breed registered stock. These quotations further show much of the policy followed by these gentlemen in breeding what is today known as the modern type of Hereford. From Mr. Gudgell's preliminary:

"When I buy pedigreed cattle I want to know something of the pedigree of the breeder, as well as of the cattle," was a remark once made years ago in our hearing by a cattle raiser of large experience, who was credited with much shrewdness and a liberal share of this world's goods. The force of this remark struck us at the time it was made, and more than once has it recurred to us as laying down a line of policy that would be wise to pursue. As much wisdom is more or less universal, and as the same thought expressed in this remark may be present in the mind of everyone who purchases pedigreed stock, it occurs to us that it might be the part of wisdom, preliminary to the pedigrees of our cattle, to give a little information as to our pedigree, not exactly who we are personally, nor whence we came, but as to our connection with Hereford cattle. To such persons we will say that the foundation of our herd was laid near the close of the centennial year, by the purchase of a small car load of choice young Herefords from the then famous herd of the late F. W. Stone, of Canada. This was the first herd established in Missouri and the second west of the Mississippi river. In the years following additions were made. Some of the competent critics would admit of the good features of the short legs, thick flesh and good middles of the Herefords, yet all pounced unmercifully upon their heavy heads, large horns, and their thick, leathery necks as compared with these features in the Short-horn. Herefords were open to some criticism in the above mentioned features, and we thereupon resolved to make an effort to correct these defects. After seeing Anxiety 2238 (imported) at Chicago, on his arrival in this country, and being much impressed with his conformation, we were satisfied that the features so severely criticised in the Herefords could be very materially improved. In pursuance of this resolution we visited Herefordshire in the following summer of 1880 and brought over a shipment of near sixty head. This importation we followed with importations in 1881 and in 1882. These cattle, with the exception of some thirty bulls for use on a western ranch, were nearly all females selected for breeding and not speculative purposes. With the second importation came the now famous Anxiety 4th and North Pole, to which our herd is now so strongly indebted for its uniformly high quality, resulting mainly from a concentration and happy combination of the blood of these two bulls that were selected with the special object in view of improving the front and rear ends of our Herefords. After this third importation our herd settled down and devoted itself strictly to the observance of the scriptural injunction, 'be fruitful and multiply.' In the spring of 1879, we made an auction sale of Herefords at Kansas City, which was to the best of our information the first public sale of Herefords ever held west of the state of Ohio. In the fall of 1884 we, in connection with some other breeders, made another sale. The contingent from our herd brought an average price of about \$550. In this sale we sold the bulls, Beau Monde and Beau Real, both our breeding. The former sold for \$1,000 and the latter, then a year old, brought \$300. After our third importation in 1882 we found ourselves in possession of the two bulls, Anxiety 4th and North Pole, and quite a herd of good but miscellaneous-bred cows selected from the herds of some fifty different breeders and representing nearly as many different types and strains of breeding. How we proceeded to bring about some degree of order, or rather uniformity, out of this chaotic material is best shown by an examination of the pedigrees found in the catalog. Perhaps some who have not given a degree of study to the well-established principles that govern breeding for physical improvement, will at once say 'inbred' if a sire appears more than once in a pedigree, and from prejudice alone condemn the practice without any further consideration, although it should be patent to anyone that our operations in this direction have been conducted upon a very conservative scale. And yet inbreeding is the course that has been pursued by all breeders of improved live stock

who have effected any very marked improvement in their specialty. This is true of all the early improvers of Herefords, of the long horns, of the Short-horns, of the no horns and of every breed of domestic animals that has ever been improved, either in remote or modern times. To those who are well informed upon the subject of improved live stock breeding, these statements are but commonplace. These notes, however, are not intended for such persons, but on the contrary for prospective beginners in this line of business. Much more might be written by Mr. Gudgell on the methods pursued by this firm in breeding for the droop horn, the straight legs and the good round hams as seen on the Herefords of the present day. Certainly it must be the source of much satisfaction to see the long string of show animals that trace close up to bulls bred by themselves or that were bred by them and sold before they had been shown. In recent sales Messrs. Gudgell & Simpson bred animals, and animals rich in the blood of animals bred by them have been among the highest sellers. For their sale at Omaha they have selected an unusually choice lot of young things of both sexes, all animals that are just ready to start on a useful career as breeding stock. Among the bulls are herd headers, some of strong show yard character, and all the most useful and well-bred lot that has been offered in some time or will soon again be offered. The cows are all two-year-olds, are bred to their best herd bulls and are due to calve in the early spring and summer. No more profitable things are to be bought than heifers well along in calf and bred to such bulls as head the herd owned by Messrs. Gudgell & Simpson. The writer has never seen a more uniform lot of two-year-olds. They have scale, quality and the breezy appearance so necessary in a good breeding matron, and buyers who want something extra in the way of females for foundation herds or to fill in a herd should not miss this sale. To individualize on this offering would be going into such lengthy detail that we will simply say that there is not a poor animal in the offering. Every one will be found an animal of merit. The sale will be held at South Omaha, Neb., as per announcement on page 40. Write Messrs. Gudgell & Simpson for a catalog and arrange to be on hand.

A Neighborhood Experience.

For several years we have been inserting an advertisement for Messrs. Fleming Bros., of 210 Union Stock Yards, Chicago, Ill., advertising their fistula, poll evil, lump jaw, spavin and ring bone cures, and had occasion to call attention to their advertisement by publishing testimonials from those who have used their remedies. This week we wish to publish one written by Mr. N. E. Cate, of Northwood Ridge, N. H. He says: "I wish to tell you what your medicine did for my horse. It was a bad case and horsemen, in fact everybody who saw it, said it was no use to try to cure it. It was a fistula, and the horse was not worth a dollar, but I had faith enough to try your remedy and now the people who saw him before look with wonder. There is neither bunch, hollow nor scar on him. Mr. Kelley, who also wrote you, has cured his horse and that, too, was a bad case. Another man near me, Mr. Folsom, also used your remedy with success." The advertisement of Messrs. Fleming Bros. will be found on page 11 of this issue of The Homestead.

W. W. Brown's Dispersion Sale of Short-horns.

For over fifteen years Mr. W. W. Brown, of Weston, Mo., has bred Short-horn cattle, sparing neither time nor money in building his herd. It was never Mr. Brown's ambition to have a large herd, but he insisted on having a herd that was useful, a working herd and a herd that he could rely on to produce annually good crops of calves that under natural conditions would thrive, grow out good and be the source of profit. Early in his breeding operations Mr. Brown sought good Scotch sires, bought some good Scotch females and as a result he has today a herd that is practically all Scotch and a herd of practically his own breeding. Thirty head are cataloged and among these will be five bulls, seventeen cows and eight heifers just coming of breeding age. The leading attraction is the bull, Imp. Tillycairn 150069, a richly-bred Scotch bull with the Cruickshank strains predominating. The following history of Tillycairn is taken from the catalog: "He is what the Scotch breeders call 'a good doer,' a hearty feeder, with wonderful vitality and constitutional vigor. He was bred by Mr. W. M. Duthie, of Scotland, and imported in dam by Messrs. Hannah & Co., of Howard, Kan. While never highly fitted, he made quite a showing the fall of 1903; he won first in class at the Miami County, Kansas, fair; also stood at the head of herd that was first at the same fair. Was first in class at Ottawa, the Franklin County, Kansas, Fair, one of the largest and best fairs

CLOSING OUT SALE OF MY ENTIRE HERD OF SCOTCH AND SCOTCH TOPPED

SHORT-HORN CATTLE

40
HEAD

AT THE FARM NEAR
WALNUT, IA., NOV. 26

40
HEAD

Including My Entire Show Herd.

A FEW SAMPLE PEDIGREES.

CAPTAIN LOVELY
Red; calved October 26, 1901. Bred by H. Smith, Hay, Ontario, Canada. Owned by Chas. Neff, Walnut, Iowa.

Sire. Bred by.
Got by Imp. Scotchman Bred in England
Lovely's Gift New Year's Gift 144785 Thos. Russell
Lovely Josie Jocelyn 17438 J. J. Miller & Son
Lovely Queen 4th 2d Lord of the Manor 3456 J. T. Gibson
Lovely Queen 3d Butterfly's Duke 390 Bow Park
Imp. Lovely 19th Millionaire (31917) Mr. Cruickshank

ROYAL ROSAMOND 262140
Dark red; calved November 13, 1904. Bred by C. W. McDermott, Anita, Iowa. Owned by Chas. Neff, Walnut, Iowa.

Sire. Bred by.
Got by Imp. Craihstone 150955
Rosamond of Ashburn Village Boy 9th 130867
Rosamond 3d Field Marshal 97963
Rosamond Royal Barmpton 94949
Rosebud Sir Christopher (22895)
Imp. Bloom 1st Dipthong (17681)

MARTHA VICTOR
Red; calved September 12, 1898. Owned by Charles Neff, Walnut, Iowa.

Sire. Bred by.
Got by King Victor 119856 R. J. Johnson
Lady Ruth 3d Nabob 125621 T. C. Winder
Lady Ruth 2d 3d Airdrie of Ridgeway 101501 B. Tyers
Miss Bronte 3d Edith's Thorndale 2d 38755 John Whitsitt
Miss Bronte Red Star 12768 L. D. Doty
Charlotte Bronte Strawberry Duke 11076 L. D. Doty
127th Belle Republic Sangamon 6160 R. A. Alexander
May Bell Locomotive 645 Joseph Green
Pallas Virgil 1070 J. G. Kinnaird
Rice 1st Belgium 240 B. Gray
Imp. Splendor Symmetry (2723) C. A. Cattley

CUMBERLAND'S PRIDE
Red; calved August 20, 1903. Owned by Chas. Neff, Walnut, Iowa.

Sire. Bred by.
Got by Cumberland 118578 R. J. Johnson
4th Pride of Forest Hill Lord Waterloo 116333 B. O. Cowan
2d Pride of Forest Hill Complete 62090 S. W. Gramlich
4th Pride of the Grove Earl of Richmond 29480 J. H. Potts & Son
2d Pride of the Grove Vespasian 13079 E. P. Brockway
Pride of Forest Hill Gen. Grant 3825 D. M. Miller
Blanche Prentice 8247 B. T. Vanmeter
Victoria 2d John O'Gaunt 1707 Bred in England
Orphan Victor 2240 J. D. Fisher
Imp. Victoria Plenipo (4728) Mr. Maynard

14 COWS WITH CALVES AT FOOT
by my straight Scotch herd bull, CAPTAIN LOVELY, and also by the young Scotch bull, Royal Rosamond, winner of first prize wherever shown. I am selling my entire show herd, together with a grand good lot of well-bred Scotch and Scotch-topped cattle. Herd bulls and everything go, including a daughter of the celebrated show and breeding bull, Gay Monarch. Write for catalog, mentioning The Homestead.

CHAS. NEFF, - WALNUT, IOWA.
COL. GEO. P. BELLows, AUCTIONEER.

to be found in the West, as well as sweepstakes bull and heading the aged herd that was first. At Wichita, the Kansas State Fair, he was first in class, senior champion and grand champion bull, as well as heading the aged herd that was placed second. At Eldorado, in Butler county, Kansas, he was first in class, sweepstakes bull and headed the herd that was first grand champion of all beef breeds; at the Royal in Kansas City he was placed third in as good company as can be found anywhere. Had he been well fitted he would have proven a warm competitor for higher honors. In October, 1905, at the Bates County, Missouri, Fair, he was first in class and sweepstakes bull and headed the herd that was first. All considered, he is one of the best bulls in the United States. In sales held within the past six months daughters of Tillycairn have sold as high as \$500. Individually he is one of the evenly-balanced sort, a wonderfully strong-constituted bull, deep through the heart, well let down in flank and hams well to the hock. The writer knows few better-quartered bulls and the man wanting a deep red roan, a good handled and a fine-dispositioned bull will

find him in Tillycairn. Mr. Brown guarantees him in every way and all the cows will be either close to calving to his service or have calves at foot by him. The other bulls, four in number, are yearlings and just coming yearlings that were got by Mr. Brown's former herd bull, Pride Victor, a Cruickshank Victoria bull, that did excellent service in Mr. Brown's herd. Eight heifers just coming of breeding age are daughters of Pride Victor. These will be found desirable young things to buy. The cows are each and every one a regular breeder and a worker. All but one or two are reds and all show that they are the useful sort. They all descend from the Scotch Lancaster, Eliza and Rosemary families. Several are by the Norton-bred bull, Sir Charming 2d, that was got by Imp. Salamis; others are by Barmpton Bud, he by the Bellows-bred bull, Scottish King. Not an old, worn-out cow, a cripple or a non-breeder will be offered. The catalogs are ready and as the time is short we urge those of our readers who are interested in the Short-horn to write at once for one. See page 30 for advertisement and when writing kindly mention this paper.

BIG 2 DAYS' SALE OF SHORT-HORN CATTLE

AT NEWTON, IOWA, NOVEMBER 27TH AND 28TH.

ON NOV. 27, 1906,

At the Sale Pavilion at Newton, Iowa, We Will Offer for Sale
60 Head of Choicely Bred Short-horn Cattle

Consisting of thirty-four females and twenty bulls from H. D. Parsons' Malaka herd, twenty bulls and ten Scotch females from the well-known herd of Andy Stewart. Thirty-four head of the entire offering are Scotch cattle of the richest and most approved breeding. The remainder are richly Scotch-topped American sorts. This will be the greatest sale of Scotch Short-horns ever offered at the Newton sale pavilion and the choicest that will be offered in central Iowa this fall. Some choice Scotch herd bulls are in the offering. Apply for catalogs.

NO. 1 LADY STAMFORD SECOND

Red; calved Feb. 26, 1900. Bred by E. H. Wise, Clinton, Ontario, Canada.
Dam. Sire. Breeder.

Got by Imp. Royal Don (140817).....S. Campbell
Lady StamfordChallenge 106769.....J. & W. B. Watt
UtopiaGladstone 149798.....Geo. Isaac
Golden Bracelet 4thDainty Davie 14976.....J. S. Armstrong
Golden Bracelet 2dHis Royal Highness 43960.....W. Chalmers
Imp. Stamford 5thPrince Louis 21742.....A. Cruickshank

NO. 3 MINA OF FORREST LAWN

Red, little white; calved May, 1897. Bred by A. W. Williams, Ontario, Canada.
Dam. Sire. Breeder.

Got by Imp. General George (28863).....Jas. Bruce
Mina MaudWar Cloud 13017.....Johnston
Mina 12th, alias Nina.....Imp. Golden Crown 114.....A. Cruickshank
Mina 7thImp. Inkerman (31414).....Campbell
Imp. Mina 6thUnder Sheriff (32745).....Campbell

NO. 8 LADY FRAGRANCE 14TH

Red; calved May 25, 1904. Bred by Geo. Woody, Clyde, Iowa.
Dam. Sire. Breeder.

Got by Imp. Matadore 220352.....A. Campbell
Imp. Lady Gragrance 12th.....G. O. T. (65603).....J. Bruce

NO. 10 LOVELY SUNBEAM

Red roan; calved Jan. 20, 1906. Bred by H. D. Parsons, Newton, Iowa.
Dam. Sire. Breeder.

Got by Scottish Champion 224435.....H. D. Parsons
Imp. SunbeamCount Sunbeam (74303).....W. Duthie

NO. 11 MALAKA MISSIE

Red, little white; calved Oct. 12, 1905. Bred by H. D. Parsons, Newton, Iowa.
Dam. Sire. Breeder.

Got by Scottish Champion 224435.....H. D. Parsons
Missie 108Prince Gerald 144063.....J. D. McDermott
Missie 105Canute 106716.....W. A. Harris

Missie 103Bandmaster 96032.....A. Cruickshank
Missie 101Prince President 77023.....A. Cruickshank
Imp. Missie 99thElocutionist (47822).....Wm. S. Marr

NO. 13 MALAKA MYSIE

Red; calved Oct. 5, 1905. Bred by H. D. Parsons, Newton, Iowa.
Dam. Sire. Breeder.

Got by Scottish Champion 224435.....H. D. Parsons
Mysie's CarnationDuke of Oakland 118944.....J. R. Crawford
Mysie 49thImp. Prince President (77023).....Cruickshank
Mysie 46thImp. Violet Knight (78287).....Cruickshank
Mysie 45thImp. Earl of Aberdeen (45992).....Cruickshank
Mysie 43dCrown Prince of Athelstne 2d 16585.....Cristine
Imp. Mysie 36thScotland's Pride (25100).....A. Cruickshank

NO. 14 ORANGE MAID

Red; calved March 13, 1905. Bred by John Lister, Conrad, Iowa.
Dam. Sire. Breeder.

Got by Double Victor 146654.....M. Forbes
Orange B. Pleasant Ridge.....Lavender Viscount 124755.....S. F. Lockridge
Orange MissMaster of the Rolls 99463.....A. Cruickshank
Red OrangeYoung Golden Crown 54393.....Jos. Moffitt
Orange LassCommander 41637.....John Dryden
Imp. Orange Bloss'm 31st.....Roan Gauntlet (65276).....A. Cruickshank

NO. 21 MALAKA STAMFORD

Red; calved March 12, 1906. Bred by W. S. Bell, Allison, Iowa.
Dam. Sire. Breeder.

Got by Allison 2d 172459.....W. S. Bell
Lady Stamford 2dImp. Royal Don (140817).....S. Campbell
Lady StamfordChallenge 106769.....J. & W. B. Watt
UtopiaGladstone 149798.....Geo. Isaac
Golden Bracelet 4thDainty Davie 14976.....J. S. Armstrong
Golden Bracelet 2dHis Royal Highness 43960.....W. Chalmers
Imp. Stamford 5thPrince Louis 21742.....A. Cruickshank

H. D. PARSONS OR ANDY STEWART.

NEWTON, IOWA.

COL. F. M. WOODS AND ASSISTANTS, AUCTIONEERS.

ON NOV. 28, 1906,

I WILL OFFER FOR SALE AT THE SALE PAVILION IN
NEWTON, IOWA, THE DAY FOLLOWING THE PARSONS
& STEWART SALE

48 Head Choice Scotch Topped Short-horn Cattle

I will offer forty-seven head of females and my Scotch herd bull, Red Victor. All the cows in the sale will either have calf at foot by him or be bred to him. Fifteen cows will be sold with calf at foot. Forty of my females are of breeding age and will either have calf at foot or be bred to Red Victor. Table back Short-horns that are great milkers is the class of cattle I am offering. My herd bull, Red Victor, is offered for sale. He is a straight Scotch bull, sired by Victor Baron 216682 and out of Imp. Mabel. My catalogs are ready for distribution and will be mailed by addressing me.

E. S. TURNER,

COLFAX, IOWA.

Col. F. M. Woods and Assistants, Auctioneers.

FIRST ANNUAL SALE

WAYNE COUNTY
SHORT-HORN
BREEDERS ASS'N.

CORYDON, IA., FRIDAY, NOVEMBER 30, 1906

HELD IN SALE BARN, 12:30 P. M.

15
MALES

45
FEMALES

This is the Association's first sale. It is to represent the best animals out of thirteen herds. The committee in charge of sale have allowed nothing but the best to be cataloged. All stock will be presented in just good breeding condition. The bulls are a good lot and have been grown under natural conditions. They are mostly Scotch-topped, with a few straight Scotch. All bulls are under two years with the exception of one herd bull Sanspareil King. The cows and heifers are of good breeding and offer a variety of blood lines. Those old enough will be bred or have calf at foot. Many of the aged cows will have produce in the sale. Some have pronounced milking qualities. The heifers are the largest part of the female offering and have been kept growing from birth. They will make good material for a foundation. The following sires are represented by get in the sale: Choice Goods, Junior, Sanspareil King, Victor of Evergreen Park, Imperial Victor, and Scarlet Prince, and others. All animals are registered and guaranteed to be as represented. The committee will assure you of good treatment. In the forenoon twenty-three head of Poland Chinas will be sold by Mr. D. T. Harris, Centerville, Iowa. Their breeding is representative of the best blood lines. The catalog includes both sales and may be obtained by writing

COMMITTEE:
J. E. CROSBY, H. E. MILLER,
I. G. DAVIS.

J. E. CROSBY, CORYDON, IA.

AUCTIONEERS:
Colo. GEO. P. BELLOWES,
JOHN FENNEL, Capt. BEN WELLS

RED POLLED CATTLE.

50 Head of Red Polled Cattle 50 FOR SALE.

I WILL sell my entire herd of 50 registered Red Polled cattle, or any part thereof. These cattle have a large per cent of imported blood and include some Imp. cows. Twenty head are now giving milk while the remainder is as follows: 4 three-year-olds, 6 two-year-olds, 13 yearlings and 10 calves. It is practically a female offering aside from the herd bull Forester 13265. Address for particulars, W. D. McTAVISH, Coggon, Linn Co., Ia.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Eevera, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd, Irwin 5253, an International prize winner in 1905 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

BERKSHIRE HOGS.

BERKSHIRE —BOARS—

FOR IMMEDIATE SERVICE.

I can please you in quality
and price. Address,

GEO. S. PRINE,
Oskaloosa, Iowa

Pullman Tourist Sleeping Cars

EVERY DAY
BETWEEN

OMAHA, SALT LAKE CITY
AND LOS ANGELES

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Via

UNION PACIFIC

And

San Pedro, Los Angeles &
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INQUIRE OF

J. W. TURTLE, T. P. A.,

313 W. Fifth St.

DES MOINES, IOWA

RED POLLED CATTLE.

SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

Red Polled Bulls For Sale

Wm. K. Ferguson, Algona, Iowa

HORSES.

Greeley Horse Import- ing Co.



Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT,
GREELEY, IOWA.

LAKEWOOD FARM THE GREAT BREEDING ESTABLISHMENT.

Percherons, Short-horns, Jerseys, Poland Chinas.

71 prizes at three state fairs 1905. A grand lot of young stallions at living prices.

H. G. McMillan, Prop., C. M. Dent, Mgr.
ROCK RAPIDS, IOWA.

SHIRES, PERCHERONS, BELGIANS—Im-
ported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON,
successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hurt Bros., Osceola, Iowa.

CLOSING OUT

MY ENTIRE HERD OF DUROC JERSEYS

EARLHAM, IOWA, NOV. 27, 1906

Including my herd boar, GOLD BUD 43791, all my brood sows, spring gilts and spring boars. I have sold my farm and the entire herd must go.

22 SPRING GILTS, 8 FALL GILTS, 12 CHOICE BROOD
SOWS, THE REST SPRING AND FALL BOARS

I am offering a grand lot of spring and fall gilts and matured brood sows, and there are boars that are strictly all right. Everything must go, and there will certainly be bargains in my sale. Not an animal reserved. Write me for catalog at once. Address,

J. F. LENTZ,

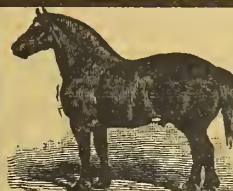
EARLHAM, IOWA.
COL. O. L. MOSSMAN, AUCTIONEER.

HORSES.

S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.



My importation this year was composed of young stallions and mares that attracted the attention of all importers and lovers of fine horses. Prize winners in Paris are among the Percherons. Two coaches, one a two-time winner, are also in my barns. I have two-year-olds that weigh right at 1,900 pounds. No better strains are found in France. All are young, blacks, dark grays and bays. They are quartered at my barns at Kirksville, Mo., where I would be pleased to show them. If you need a stallion this year I am better prepared than ever before to sell you something extra and at a price that will save you money. By making my own selections in France, selling them myself and at the barn door enables me to do this. I can also sell you some fine mares. To the man wanting an absolutely first-class jack I will say that I have him well marked and big. Come to my barns and let me show you. I will treat you right every way. I can also sell you smooth-coated Fox Terriers, the rats' enemy. Priced at \$3 to \$7.50 each.

Kirksville is on the Wabash and Burlington railroads.

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansdum & Wheeler, Fairfield, Iowa

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., Fairfax, Ia.

HORSES.

OLTMANN'S BROS.

LEER, GERMANY, - - - WATSEKA, ILLINOIS.

WE ARE THE PIONEER IMPORTERS OF THE
German Coach Horse.

...We are also Extensive Importers and Dealers in...

**Percheron and Belgian
Stallions.****Our Buying Facilities Unsurpassed.**

The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

We buy better horses at less expenses than any other importer can possibly do and for that reason can give you a better horse for less money than you can buy elsewhere.

WRITE US FOR FULL PARTICULARS OR CALL AT OUR BARN.

OLTMANN'S BROS., - - - WATSEKA, ILLINOIS**TAYLOR & JONES,**WILLIAMSVILLE, ILLINOIS,
IMPORTERS AND BREEDERS OF**PERCHERON, SHIRE
AND BELGIAN STALLIONS.**WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND
SELLING BETTER HORSES AT FROM \$700 TO \$1,400 THAN
ANY OTHER FIRM IN AMERICA.

We have a few sensational show horses that will come some higher, such as Arrowside Duke, first-prize aged stallion Illinois State Fairs 1905 and 1906 and at Chicago International.

Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DU HAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

Robert Burgess & Son, Wenona, Illinois.
Wichita, Kansas.**CHAMPION STALLION ILLINOIS STATE FAIR.
CHAMPION STALLION KANSAS STATE FAIR.
CHAMPION AMERICAN ROYAL KANSAS CITY.****SHIRE, PERCHERON,
BELGIAN and
HACKNEY STALLIONS****Good American Bred Stallions, \$800 to \$1000.****First Class Imported Stallions, \$1200 to \$1600. Choicest Stallions a Little Higher.****NOTICE**

Having concluded to make a change in placing Stallions before the Public account of the unsatisfactory business methods and transactions done in the Stallion trade to the Buyers as well as to the Sellers by the STALLION SALESMEN, we have concluded to sell our stud from the Barns. Our aim is to give our customers the entire benefit of the profits which have been going to the SALESMEN and to the helper assisting in placing the Stallion, who usually is one of your own neighbors (the most influential man of the neighborhood), and the great expense of placing the Stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the Stallion to the buyers or the companies from Two Thousand Five Hundred to Four Thousand Dollars.

The Quality of our Stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know that we can save you at least 50 per cent. If it is necessary to arrange a company in your neighborhood in order to get a Stallion, form your own company and come to the barn and be convinced that you can save from \$1000.00 to \$1500.00. We ask all intending purchasers to visit our Stables, where we have over 300 head of Stallions to select from—SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS. Come to the barns and deal with Bob Burgess, who has been in the business over thirty-two years, longer than any one man in the Stallion trade. Come to the barns and get the most reasonable terms that can be offered.

Send for catalog.

**W. A. LANG & CO., - - - GREELEY, DELAWARE COUNTY, IOWA.**
IMPORTERS AND DEALERS IN
**CLYDE, SHIRE, BELGIAN, PERCHERON, FRENCH DRAFT, GERMAN COACH
AND STANDARD BRED STALLIONS.**

We have always on hand a good selection of the above named breeds. We give the most liberal guarantee of any firm doing business. Our horses are all of the best in their class. Colors, all bays, blacks and dark grays. No old, worn out pickups. We make a specialty of organizing farm companies and know how to do it and give satisfaction. We can't sell you cheap ones for the reason that we don't handle them. Greeley is the great stallion center of Iowa where you can see more ton horses than any other place in America. Write

**PERCHERONS AND PERCHERONS
ONLY.****L. H. Humbert & Son, Corning, Ia.**

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.

**PERCHERON IMPORTING
COMPANY, CHARITON, IOWA.**

YOU want an imported stallion of purest breeding. With a short back upbeaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

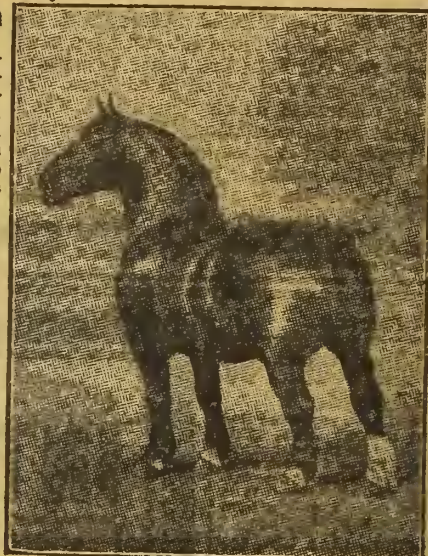
CHARLES R. KIRK,

CHARITON, IOWA.

HORSES.

LAKEWOOD FARM**LAKEWOOD FARM PERCHERONS MADE A
RECORD NEVER BEFORE EQUALED IN AMERICA.****At Minnesota**

We won championship on stallion, championship on mare, and the grand sweepstakes prize open to all draft breeds on stallion showing four of his get, and grand sweepstakes on mare showing two of her produce. In addition we won the Percheron Society of America gold medals for champion stallion, champion mare, champion 3 mares and champion display of 5 American-bred Percherons.

**At Iowa**

We won sweepstakes on stallion and his get; grand display bred by exhibitor; Percheron Society of America Special for champion stallion a year; champion mare and champion group of 5 American-bred Percherons.

In addition to the foregoing specially mentioned prizes the Lakewood Stud won twenty-two other class and special premiums at these two greatest state fairs ever held—more prizes than fell to the lot of all other Percheron exhibitors combined.

230 PERCHERONS ON HAND; 100 STALLIONS, many of them show horses. Special prices during the fall months. Every stallion fully guaranteed. Send for new handsomely illustrated catalog.

**ANNUAL PERCHERON SALE AT SIOUX CITY,
DECEMBER 12 and 13, 1906****80 HEAD** of high-class Percherons at auction, consisting of young stallions ready for service, mares and fillies. The mares and fillies are nearly all bred to the great show stallions, CALYPSO and OLBERT, both first-prize winners at the International, Iowa and Minnesota State Fairs.**H. G. McMILLAN, Prop.****Lakewood Farm, ROCK RAPIDS, IA.**

C. M. DENT, Manager.

Trumans' Champion Stud**WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.**

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.
TRUMANS' Have the right kind.
TRUMANS' Buy the right kind.
TRUMANS' Always Imported them.
TRUMANS' Now a Household Word.
TRUMANS' Commenced with Prize Winners.
TRUMANS' Imported more than anyone.
TRUMANS' Know how to find them.
TRUMANS' Know how to buy them.
TRUMANS' Hence our success.
TRUMANS' With our Customers.
TRUMANS' Treat you right.
TRUMANS' Treat you white.
TRUMANS' Came to stay.
TRUMANS' Have stayed.
TRUMANS' Horses admired by the crowd.
TRUMANS' Always looked for at the Fairs.
TRUMANS' Always something sensational.
TRUMANS' Always something fresh.TRUMANS' ALWAYS ENGLISH Winners.
TRUMANS' Customers treated Honorably.
TRUMANS' Customers stay with them.
TRUMANS' Customers have confidence.
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TRUMANS' No loud childish talk.
TRUMANS' No claiming what they haven't got.
TRUMANS' Attend their own business.
TRUMANS' Do honorable work in Show Rings.
TRUMANS' Let the Public Judge.
TRUMANS' Of their Exhibits.
TRUMANS' Don't want dirty work.
TRUMANS' Don't pay for it.
TRUMANS' Won't have it.
TRUMANS' Can do without it.
TRUMANS' No shifty business.
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

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BUSHNELL, ILLINOIS.**PETER HOPLEY & SON**

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

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When Writing to Advertisers Please Mention This Paper

JERSEY CATTLE.

JERSEY
CATTLE.

IMMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa, and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

LIVE STOCK AUCTIONEERS.

Live Stock and Real Estate Auctioneer

THE fact that I am selling from \$25,000 to \$35,000 worth of property each week fully demonstrates that I can handle the business. I make a specialty of land and closing out sales of stock and implements. Book of references from past employers sent free. Write me for terms. Wire at my expense before claiming dates.

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WATROUS BUILDING DES MOINES, IOWA

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A GRADUATE of Iowa Agricultural College, Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

CAREY M. JONES,

Live Stock Auctioneer

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BERKSHIRE HOGS.

25 or 30
BERKSHIRE BOARS

SIRED by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

C. S. BUCKLEY, HOLSTEIN, IOWA.

Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growthy with plenty of quality and finish, of April and May farrow.

L. F. Boyle, Hennepin, Ill.

Heavy Weight
Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you.

E. H. DANCER, Lamoni, Iowa

BERKSHIRES—35 spring boars, 4 fall yearlings, 4 mottled boars. Some herd headers, 40 spring gilts, 5 fall yearlings, and 6 tried brood sows. Write for what you want, and prices. Sires and dams winners at state and county fairs. Side November 27th. Send for cat. Address, Houghton & Braman, 1411 South Center Street, Marshalltown, Iowa.

BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address

C. T. AYRES, Osceola, Clark Co., Iowa.

POLLED DURHAM CATTLE.

DOUBLE STANDARD
Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-139582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State fairs this fall, including 21 firsts and 10 sweepstakes.

SHAVER & DEUKER, Kalona and Wellman, Iowa.

Double Standard Polled Durhams.

HAVING rented my farm, I will sell my small herd of nine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right.

W. E. LOUGHARY, Packwood, Iowa.

40 POLLED DURHAMS

At Auction Nov. 14, 1906, Mazon, Ill.

30 FEMALES—10 BULLS

Catalogs ready. Write—

FRED HARFORD or F. A. MURRAY, Mazon, Ill.

WINTER TERM

IN

AUCTIONEERING

THE only practical course in Auctioneering offered anywhere in the world. My students always "make good." Write me for full particulars in regard to Winter Term, which starts the first of December. Can take only a limited number.

NOLAND'S SCHOOL OF AUCTIONEERING,
Conducted by S. K. Noland,
Watrous Building, - Des Moines, Ia.

FRED REPPERT,

DECATUR, IND.

Live Stock Auctioneer.

Am selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phone—Office, 430; residence, 312



GEO. P. BELLAWS

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

C. C. KEIL, LADORA, IA.,

LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

WELL READ Auctioneer, I will sell all breeds of cattle or hogs. I have been breeding pure bred hogs for years and am well posted on pedigrees. My knowledge of the pure bred business enables me to give able assistance. My former work representing livestock journal has given me inside on good offerings. Prices reasonable. Col. R. Page, Friend, Neb.

J. P. SPEARMAN, PAPILLION, NEB.

LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

Col. Judd McGowan

CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A. V. LOCK, REMINGTON, INDIANA,
Live Stock Artist.
Work satisfactory. Prices reasonable.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabeler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. Oak Lodge, Minnetonka, Minn. 1st 1855 and 0. 1st, Fessler 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1906. Address, Thomas H. Canfield, Box 2, Lake Park, Minn.

YORKSHIRES.

THE type the Packers want. Service boars now ready to ship. Prices low for quick sales to make room for fall litters.

Mondamin Farm, White Bear Lake, Minn.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericks, Heather Blooms, Barbours, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Houndside Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41291, Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150, 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

10 Aberdeen Angus
BULLS FOR SALE.

Twelve to Fourteen Months Old.

Will sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

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(Mention Homestead.)

Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

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BRED cows all sold that we care to spare; a number of growthy, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d. Rosenfeld & Siverly, Kelley, Story Co., Iowa.

Pleasant Hill Herd of Aberdeen Angus. STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275. J. Nissen, Meservey, Cerro Gordo County, Iowa

HEREFORD CATTLE.

FOR SALE.
ONE HERD OF 55 HEAD OF
Hereford Thoroughbred Cattle.

12 MALES and the balance females of different ages. Now I have bought thoroughbred registered bulls and cows and have raised the above herd. On account of my age and sickness I would like to dispose of the above herd for cash. All in good flesh and are said to be a very choice herd by parties looking at them.

FRED BEHDER, R. R. No. 5, Marshalltown, Ia.

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15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

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I will sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

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BULLS FOR SALE! BULLS

REGISTERED HEREFORDS!

B. F. CLARK, ALBIA, IOWA.

CHESTER WHITE HOGS.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

The Wildwood Herd Chester White Hogs

THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

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HAMPSHIRE
HOGS

30 SPRING BOARS by Stone's Duke. 1st prize boar Illinois State Fair 1906. I am breeding for early maturity, prolific families, quiet dispositions, purity of color and muscular action. 30 bred gilts ready Dec. 1st. Write for prices and descriptions.

Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

HIGH CLASS ANGUS
BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABBEY 4, 41201, BELL'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females sale in calf or with calf at foot for sale at all times.

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FOR SALE.

I HAVE some good Aberdeen Angus males and 1 female for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King 1to by Prince 1to. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

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OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proterus 47351, Hale Lad 2d and Gardner's Pearl Rosegny 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

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HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesios and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

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Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

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IN order to make room, I offer for sale 100 females and 60 bulls, all recorded: 25 yearling heifers, 50 2-year old heifers and 25 cows, from 3 to 7 years old, heavy with calf, and 10 cows with calves at foot, 50 bulls from 6 to 36 months old; also Mastodon Poland China hogs for sale. W. W. Wheeler, Box H, Harlan, Ia

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4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

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70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

CHOICE O. F. C. pigs at \$15 each for next 30 days.

Satisfaction guaranteed. Address, J. T. SCARF, Salem, Iowa.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Kansas, Nebraska, Minnesota or Wisconsin farm.

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THE Iowa State College offers for sale some choice early boars of the following breeds: Chester White, Duroc Jersey, Tamworth and Yorkshire; also a good lot of young gilts of the various breeds, including Poland Chinas and Tamworths, and six young hogs, three Holstein and three Red Polled Address.

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CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,

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"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a combination pig and get the quality that wins. Address,

F. D. HUMBERT, F. P. WHITE,
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ALLEN BROS.

40 O. I. C. Boars--March and April Farrow

THE long, heavy-boned prolific kind, from litters that averaged twelve pigs. Call or address,
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A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.
JNO. CRAMER, BEATRICE, NEB.

30 CHESTER WHITE BOARS 30

A N extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa.
A. A. ROGERS, Owner.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest up-to-date herds in the north-west. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment.
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BONE'S CHESTER WHITES

THE oldest herd in the county. A fine crop of April pigs now ready to ship, both sexes. Price \$15 each. Breeding stock all recorded. Satisfaction guaranteed. Reference Montezuma Savings Bank, L. Box 85.
Samuel Bone, Montezuma, Ia.

SOME CHESTER WHITE BARGAINS.

WE have a few Chester White April males that are good ones, and 32 spring gilts that can't be beat that we will sell open or bred. People looking for this kind had better write us. Have 35 of Sept. 1906, farrow that we will sell and ship as soon as weaned.
E. L. NAGLE & SON, Deep River, Iowa.

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free.
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A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEFEBURE, FAIRFAX, IA.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address,
W. M. MERCER, AURORA, ILL.

Mack Stevens & Sons, Iowa City, Ia.

BREEDERS of Chester White swine. 85 early spring pigs for sale now and ready to ship. Also by three boars namely Shaw, Chief and Governor. Long bodies, heavy bone and short wide heads is our style.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.
N. A. RANCK, NIOTA, ILLINOIS.

200 LARGE O. I. C. Pigs.

Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

IMPROVED Chester Whites, weighing from 130 to 140 lbs.

Males from \$16 to \$25. Gilts \$15 to \$20 each, bred or open. Good on feet, back and body lines, nice head and ears. Come now and get something up-to-date to head your herd. Four yearling sows at \$25 each. R. J. Trumbauer, Patterson, Iowa

CHOICE Chester White Boars, sired by Hobson

11969, and Ring Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. Jas. C. Welber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

OHIO Improved Chester Whites, Sept., March,

April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebush, Sciota, Ill.

GROWTHY Chester White pigs, by Long John

14151. Heavy bone, with smoothness. Up on their toes. Write me. E. W. Richardson, Ogden, Ia

IMPROVED CHESTER WHITES

For sale of State Fair winners. John H. Krehbiel, Donnellson, Iowa.

CHESTER WHITE HOGS.

KERR'S
O. I. C.'S

WE NOW HAVE TO OFFER YOU

100 STRONG vigorous up to date Chester White pigs, sired by Perfect Medium 13891, Choice Goods 14735 and College Teddy's son 15333. Write for my large catalog. It will give you a better idea of the merits of what I offer you.
JAS. FISHER, EASTMAN, CRAWFORD COUNTY, WISCONSIN.

Model Herd
Chester Whites

PIONEER HERD OF CHESTER WHITES.

100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.

A. A. HUMMER, KESWICK, IOWA.

MAPLE GROVE CHESTER WHITES.

I HAVE 120 spring pigs sired by Prince O. K., a prize winning boar at Illinois, Iowa State Fairs and Inter-State Fair, Sioux City, '05; Fisher Medium ff, best son of Fisher's Medium, 1st prize winner Illinois State Fair, 1905, and 14 good fall boars by Billie A. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. ERNEST L. NEAR, R. R. NO. 1, NEPONSET, ILLINOIS.

Bluff Road Herd Chester Whites

FALL boars all sold, but I still have a few spring boars for sale, also an extra good lot of gilts ready to ship. Write for description and prices. Farm two miles east of town.
D. H. LEWIS, R. F. D. 6, GENESEO, ILL.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection.
FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

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"INDIVIDUAL EXCELLENCE" LYNDALD SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndald head Short-horn herd. Females are Victorias, Secrets, Butterflies, Lavenders, also a few Young Marys and Rose of Sharon. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.
Visitors always welcome.

A. F. GRAVES, KING CITY, MO.

4 Good Young Short-horn Bulls For Sale.

Sired by Victor Maple 203379 he by Grand Victor, and out of cows that have four and five Scotch-tops. Will price them right. Address,
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Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, ILL.

WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.
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SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.
John Lefebure, Fairfax, Ia.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WALNUT Grove Short-horns and Poland Chinas.

Clear the Way 23142, winner of 1st at Iowa State Fair, 1st at Minnesota, 6th at International, Chicago, as junior yearling, 1905, heads herd. Herd boar, Per. Prince 93075 by Chief Per. 2d 42559, litter brother to Per. E. H. 95201, won 1st, Des Moines, 1905. Young stock; prices reasonable. J. T. Judke, Carroll, Iowa

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I AM now offering boars that are rich in the blood of the champions Kerr Dick and Big Mary. It is the blood of this pair that made my December sale average \$49.35 and my April sale average \$64.95. Herd headers among these. Write me.
O. L. KERR, Independence, Mo.

SHORT-HORN CATTLE.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysleand other Cruickshank families.

9 Short-horn BULLS FOR SALE

A Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, BELMOND, IA.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention the Homestead when writing.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchesses of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

GEO. BONEWELL,

GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-

horns, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or phone.

BARGAINS IN

SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD

REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov. at Champion (15717), this great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrysalis herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 209996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Oederic 136399. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, Iowa.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charming. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp.

A. J. GRAVES & SON, Ames, Iowa

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWS & SON, Harlan, Iowa

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259087, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135255.

M. D. YARD, CRAWFORDSVILLE, IA.

WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia.

Maine Valley Stock Farm.

FOR SALE Conqueror Best 187910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missile with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

POLAND CHINA HOGS.

WILLIAMS DALE POLAND CHINAS.
MODERATE prices for the best blood of the breed.
 Heral headed by Master Sunshine 7227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S., best sow outside of Perfection family. M. S. is assisted by Eldorado 106425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Medler, Corrector 2d, Spellblinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte chickens, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

LARGE POLAND CHINA BOARS.
 The get of All Dude 106413, the 800-lb. yearling, 1st under year in Nebraska 1904, winner in class and head of first prize herd (breeder's ring), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars for sale by him. Wm. Pedrick & Son, Ottumwa, Ia.

FOR SALE.

FIVE top Poland China boars farrowed April 2, 1906, out of the great brood sow Beauty 2d 233774 sired by the Great Onward 102447; other good pigs by the same sire, all at farmers' prices. Write or call on, **OSBORNE, BROS., OSBORNE, IOWA.**

HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed. **BERT FRY, Plainfield, Bremer Co., Iowa**

POLAND CHINAS

Over 100 Head.

AUGUST POST, Moulton, Iowa

GROWTHY POLAND CHINA BOARS AND GILTS

OUT of mature parents. Best breeding, good bone. Write for breeding and show winnings. **IDEAL STOCK FARM.**

W. C. WENDT & SONS, R. 2, Donnellson, Iowa

POLAND CHINA HERD BOAR
FOR SALE—A. L. Keep On 102663, a son of Perfect Keep On, has good length, fine head, is in good condition. Also some good spring boars of March and April farrow out of old dams. A few yearling Aberdeen Angus bulls from matured dams. **F. T. Wells, Bristow, Iowa.**

...PRAIRIE VIEW HERD POLAND CHINAS...

25 BOARS and gilts for the trade. Sired by S. B's Choice (106842). Gilts bred or open as desired. A few yearling sows and herd boar. Satisfaction guaranteed. Long distance phone. **J. D. Vorhees, R. R. 5, Charles City, Iowa**

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Unecda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me. **W. N. Booth, Danbury, Iowa.**

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions. **T. W. WALKER, MAZON, ILL.**

Choice Lot of Spring Boars for Sale.
POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall. **Jno. J. Schmal, Sutton, Nebraska.**

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection F 105015 and Keep On Third 108267. Big boned, growthy fellows. Address, **Jno. Schneider, Remsen, Iowa.**

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, **GEO. E. PATCH, Blandinsville, Illinois.**

Onward by Keep On for Sale.

WAS in 2d Poland China litter at Des Moines, 1904, is a big heavy boned fellow, breeds that way. Will sell all or half and guarantee him in every way. Write at once to **A. C. LANHAM, BATTLE CREEK, IOWA.**

PAPILLION HERD POLAND CHINAS.

WE offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 28439. Write for price and catalog. **Wm. Uhe & Sons, R. 1, South Omaha, Neb.**

POLAND CHINA BOARS (BLACK).

8 FALL boars, 2 yearling boars, 50 spring boars, sired by Klever's Gay Lad. **J. W. Knowles & Son, - - - Craig, Neb.**

POLANDS, Mo. and Apr. farrow, get of prize winners, splendid individuals, breeding unsurpassed, big litter strain, kind swine breeders should have. For prices write. **S. P. Hartman, Ottumwa, Iowa.**

POLAND China Boar Pigs, March and April farrow sired by Black Perfection, dams by Sailor Sunshine. Heavy boned growthy fellows. Price \$15 to \$20. Write your wants. **Henry Schlatter & Sons, Lawler, Iowa.**

15 GOOD POLAND CHINA SPRING BOARS FOR SALE AT ONCE.

Prices \$15 to \$20. Correspondence solicited. **Wm. Barr, Kirkman, Iowa.**

GALLOWAY CATTLE.

Pure Bred Galloway Cattle.
FOR SALE, 8 Bulls, 60 Cows and Heifers, at prices that will make them move. Write to **S. D. Miller, Wellman, Ia.**

When writing to advertisers please mention this paper.

POLAND CHINA HOGS.

14 BIG STRONG, GROWTHY

March Poland China Boars

FOR SALE.

TWELVE of them by Gay Perfection 2d 97251. One by Radium (a son of Perfection E. L.) and one by Impudence 97557. These boars are of the most aristocratic blood known to the breed. Will sell them at \$25 each while they last, except the Impudence boar which I hold at \$35. Impudence was the sweepstakes boar at Des Moines last year. The greatest hog show on earth. The dam of the fellow cost me \$187.50. For further particulars address the owner Joe Steward, Ames, Iowa. Also two yearling scotch bulls, one by Revenue, the other by Golden Diamond.

...ONLY A FEW LEFT...
But They're Good Ones.

OUR boars have been selling like hot cakes; only have 20 boars and 10 spring pigs left. Some of these by the double sweepstakes boar Matchless Jr., 75 full and spring gilts will be bred and ready to ship Nov. 1st. These by matchless Per., Matchless Jr., B's Chief Tecumseh 2d and Correct I know.

HENRY BROS., - LE MARS, IOWA.



WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch add Scotch Topped hogs for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, **C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.**

ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief II 37628, and Winsome Dude II 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, **E. F. ESCHER, MANNING, IOWA**

200 March Pigs. Highest Average on Polands in the State

WAS made at my last sale—50 head average \$56.58. In service are Oakland's Prospect, Chief Enterprise and Nemo L's Oakland, three boars of much size and finish. Write me for price on herd boar or foundation herd of sows. Will sell either of my herd boars, and I have a few fall males for sale.

Chas. M. Hulbert, The Hog Man, Oakland, Neb.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address, **WM. RAY & SON, DEFIANCE, IOWA.**

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unrelated. Write for breeding, description and prices. **BRIDGEMORE & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.**

POLAND CHINA BOARS

AT Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address, **T. A. Davenport, - Belmond, Iowa**

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by On Exhibition a grand son of G's Perfection and Terrell's Wilkes 2d and out of matured sows. These pigs have good heavy bone, good length and are very growthy fellows with lots of quality and will be priced worth the money. Write at once. Address **C. W. PHILLIPS, NEW SHARON, IA.**

Bred Sow Sale, Feb. 20th.

CLOVER LAWN POLANDS.

If you are in need of a large growthy Poland China boar or sow you should write for prices and description or call and see me. Visitors welcome. **JOHN R. TRIGGS, DAWSON, NEB.**

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low. **E. O. WOLCOTT, GILMORE CITY, IA.**

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shumrock 34571, by Perfect Perfection, out of G's Perfection and E. L. dams. Also have pigs by Perfection E. L. and G's Perfection. **H. B. MOATS, VILLISCA, IOWA.**

O LONG, heavy-boned fall boars by Tec. Keep On

by Big Tec. by Blain's Tec. and Indiana King. They weigh from 280 to 380 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dorris Tec. and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. **Henry Dorr, Remsen, Plymouth county, Iowa.**

GROWTHY POLAND CHINA BOARS

OUT of mature parents; best breeding; good bone \$20 and \$25. Two year herd boar \$40. Short-horn and Polled Durham. Cows, heifers and bulls at low prices. Special price on car lot. 2 miles N. E. of city **P. S. & S. Harr, Bx 11, R. R. 4, Davenport, Ia.**

POLAND CHINA BOARS FOR SALE.

I HAVE several large, early, heavy boned boars of very best blood lines which I will sell very cheap to quick buyers. I will stand return express and refund price paid if pig is not as described. **C. H. DRAKE, Stockport, Iowa**

DUROC JERSEY HOGS.

E. K. ETTER, UTICA, NEBRASKA.
BREEDER of up-to-date Duroc. 24 surprise's Redeemer and a son of Duroc Challenger and Minerva 2d head inv herd. Sows represent the blood of the Challenger, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings Billy K. Jr., and Frank's Choice by Belle's Echo Can give you good herd headers at prices to suit purchasers. Address, **G. Van Patten, Sutton, Nebraska.**

The Logan Valley Herd of Duroc Jerseys.

J. ANDERSON 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Prond Advance, Jumbo Red, Glendale Prince and others. **W. A. Peterson, Lyons, Neb.**

FANCY DUROC JERSEY SWINE OF BOTH SEXES

FOR SALE.

I HAVE the blood of Prond Advance, Ia. Banker and other leading strains. **C. W. WOLF, HAMPTON, IOWA.**

I HAVE THE TOPPIEST OHIO CHIEF BOARS

FOR SALE. Also boars by Prond Advance, Keep On, W. L. A's Choice Goods, out of my great brood sows. Buy a good one. I have them. **W. A. SEXSMITH, GREENFIELD, IOWA.**

CLOVER CHOICE HOAR PIGS. Prize winning

strains. Bloodline, Improver II, Advance, Tip Top Notcher, Model Chief, etc. Prices low. Strong guarantee. Write describing what you want or come and see. **Geo. H. Purdy, Mason City, Iowa.**

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. **T. E. Laurie, Jacksonville, Ill.**

ASA TURNER'S DUROC JERSEYS.

I AM offering fifteen or twenty extra good young boars by King Perfection and Advancer Lad. They are out of some of G. A. Munson's prize-winning sows. Address, **ASA TURNER, FARRAR, IOWA.**

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money. **F. A. HAM, SARONVILLE, NEB.**

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts. **F. M. ERSCHEN, Odell, Illinois.**

Rankin's Ohio Chiefs

I HAVE pigs by Ohio Chief, and a son of the sweepstakes boar, Gold Dust Jim, out of the best sows known to the Duroc Jersey breed. Address, **W. A. RANKIN, CARSON, IA.**

Greene County Herd Duroc Jerseys.

OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and full sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others. **CHAS. VAN PATTEN, SUTTON, NEB.**

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crinson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, **SMITH BROWN, Waterloo, Neb.**

Clover Leaf Herd of Duroc Jerseys.

HERD headed by Pine 37903, winner of 2d in class at Minnesota state fair, 1905; he by Granger 28587. Also have pigs sired by a son of Improver 2d and by King Prince. 75 head for sale. Prices right and quality second to none. **Clyde H. Smith, Riceville, Mitchell county, Iowa.**

LAMONI herd of Duroc Jerseys, headed by Ben

- Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Prond Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, **J. S. Teale, R. 4, Lamoni, Iowa.**

GRAND VIEW DUROC JERSEYS.

BOARS by Crinson Wonder Jr. 41103 and Chief I Am Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains. **F. M. HUFF, R. 2, AFTON, IOWA.**

CHOICE DUROC JERSEY Spring pigs of March

either sex. Good weight, bone and color. **Frank Warvey, Mt. Pleasant, Iowa.**

DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEYOE & SON, Mason City, Iowa.

KEAN'S Growthy Durocs---All ages, the best of

breeding, extra large bone. Also one yearling and aged male. **Frank Kean, Mt. Pleasant, Iowa.**

If you want choice pigs sired by Fashion Improver

by Improver 2d, out of sow Fashion, write me. Spring boars priced right. **S. P. Briggs, Seward, Neb.**

CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address **W. J. S. Taylor, Humeson, Iowa.**

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes,

not related, easily fattened, prolific, pedigreed, 5 strains. **J. C. Jay, Mt. Pleasant, Iowa.**

STOCK HOGS.

Stock Hogs For Sale.

ALSO Registered Lincoln Sheep. 100 hogs, 20 ewes and 10 Rams. Address **B. F. CLARK, ALBIA, IOWA**

Sandquist Bros.,

OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

MY herd of Poland Chinas are of the pig type.

My herd boar, Major Blain by Blain's Tec., is a 300 lb. hog. Sows royally bred. Am billing orders for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Datto, and Blain's Tec. Everything guaranteed a breeder. **Robt. J. Peckham, Pawnee City, Neb.**

DUROC JERSEY HOGS.

Reduction Prices On Best Breeding.

350 Durocs, 150 Shropshires, 100
Short-horns and Polled Durhams.

S. R. Quick & Sons, Box 162, Gosport, Ind

A Few Choice Duroc Males For Sale.
All gifts are reserved for my February sale, but I have a few choice males that I will price reasonable. One by Keep On 2d; another by Mauley Orion. Also one extra good fall yearling boar. Every hog guaranteed to be as represented.
W. J. HARTING, MAXWELL, IOWA.

PIONEER HERD DUROCS.

We have several good Durocs sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

GOLDEN HERD DUROC JERSEYS

We are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one noted prize winner. Farmers' prices on boars.

Road Bros., (Swine Specialists), Lake Park, In.

State Road Herd Duroc Jerseys

Few choice boars of March farrow for sale. The growthy, prolific kind, weighing from 150 to 175 pounds.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

I. J. LORTON, Union City, Ind., proprietor of the I. J. Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address ALBERT BELL, LAKE CITY, IOWA.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra line fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Waukegan, Iowa.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON, - MACON, ILL.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am a Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

Minnesota's Sweepstakes Duroc Jerseys.

I WON 1st and sweepstakes on boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimson Wonder 1 Am blood. Good boars for sale.

Wm. Malachuk, Bigelow, Minn.

Prairieview Herd of Duroc Jerseys.

SPRING pigs sired by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell bred Duroc gilts for one-half last winter's public sale prices. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

EVERYDALE HERDS AND FLOCKS

SHORT-HORNS, DUROCS, SHROPSHIRE.

BULLS, boars and bucks for sale. Good ones and priced right. Our Murr Missie herd bull Meteor 17428 for sale or exchange.

A. M. Avery & Sons, Mason City, Iowa

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, 25 Duke of Ohio 29529, George 1149 40851 and Alfonso 40849. Write for prices. Address, M. M. ELMENDORF, LACONA, IOWA.

40 Duroc Jersey Boars 40

SIRRED by I Am Pottawattamie, a grandson of the Great Nebraska Belle, Pericles and other noted boars. Our prices are always right. Write us. Address, J. W. Reynolds & Son, Defiance, Iowa.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Baby's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated Sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.

Edmonds, Shude & Co., Klugley, In.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

INDIVIDUALITY and breeding combined.

About 70 Duroc pigs sired by Luther II., by Hambleton (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Haverlock, Neb.

When writing please mention this paper.

Angus Cattle Sale

TO BE HELD AT

PLEASANT HILL FARM, ADJOINING MESERVEY, CERRO
GORDO CO., FRIDAY, NOVEMBER 23.

40—HEAD—40

Comprising thirty-four cows and heifers—fifteen will have calf at foot—and six bulls. Three bulls and most of the heifers are sired by Baltimore of Glendale, the noted old sire of prize winners formerly at the head of McHenry's herd. The cows are a good useful lot of good-size without coarseness, and most of them are bred to Baltimore or have calves by him. Write for catalog.

Meservey is located on the C. G. W. Railway, 23 miles Southwest of Mason City, 7 miles North of Alexander on the Iowa Central.

J. NISSEN,

Col. Silas Igo,
J. J. Wilson, Aucts.

MESERVEY, IA.

CLOSING OUT SALE

OF

SHORT-HORN CATTLE

AT DONIPHAN, NEB., MONDAY, NOV. 19, 1906.

26---HEAD---26

Including my herd bull, Golden Dale 246868, got by Parkdale Champion 172108. I am offering as good a lot of dual purpose cattle as will go through the sale ring this fall. Write for catalog and mention The Homestead.

JOHN BROWN,

Col. T. C. Callahan,
Auctioneer.

DONIPHAN, NEB.

GREAT COMBINATION SALE OF

SHORT-HORN CATTLE

TO BE SOLD AT

HASTINGS, NEBRASKA, WEDNESDAY, NOVEMBER 21, 1906.

Thirty-two head of choicely-bred Short-horns from the well-known herds of Saddler Bros. and C. N. Moore. Thirteen females and nineteen bulls, the tops of four good herds.

Saddler Bros., Hastings, Neb., Props. C. N. Moore, Hastings, Neb.

COLS. T. C. CALLAHAN AND I. R. DOTY, AUCTIONEERS.

DUROC JERSEY HOGS.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

C. T. ROGERS, PETERSBURG, ILL.

Pleasant Grove Herd -Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

THIS space belongs to E. H. Deal & Son, Elwood, Ill., who will have boars for sale after Sept. 11. Boars are sired by Double Track 42517, Sensation 7393, Big King 11057, Fashion Boy 33029, Advance Col. 42011, Roland 37255 and Red Express 39519, representing best blood known to breed. A smooth, growthy lot, with quality. E. H. Deal & Son, Elwood, Ill.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advancer, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address,

JOHN WEIGHTON, Audubon Iowa.

OHIO CHIEF DUROC BOARS

FOR SALE. Also pigs by Keep On, third prize boar at Des Moines; Proud Advance and W. L. A.'s Choice Goods. Write at once.

F. A. STRONG, ORIENT, IA.

DUROC JERSEY

SPRING Boars and gilts for sale sired by Red Prince 8915, B. S. Hero 2137, Orion Lad 23573. All stock guaranteed as represented.

W. L. Bannett, - Birmingham, Iowa.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by him and Elm Lawn Top Notcher are offered at prices that should move them.

Chas. Sobotka, - Calvesville, Mo.

40 DUROC-JERSEY BOARS. 40

SIRRED by Chief of Chiefs, a son of the great S. Winnebick Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - KENNARD, NEB.

TOPPY YEARLING BOARS.

BOARS by Orion, Proud Advance, Young John. Spring boars by Young Advance, Proud Lad, Ohio Chief, I Am a Wonder and others, for sale by J. W. PITTMAN, Lohrville, Iowa

80 BIG BONE DUROC JERSEY RED PIGS 80

FOR SALE. G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA. THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

DUROC JERSEY HOGS.

Walker's Durocs.

12 HEAD of March Boars. Now ready for sale. Tops of 78 spring boar pigs. They are sired by Our Chief by Ohio Chief; Highland Chief by High Chief by Ohio Chief; Pilot Wonder 42707, a grand son of Pilot Wonder 9017; Illinois Chief by Sensation Chief by Sensation. No better blood lines in any herd. Pigs equally as good as breeding. Write for prices.

O. WALKER & SON, PALESTINE, ILL.

SHELDON BROS.,

A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS.,

Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE

HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Mauley Orion 3709.

2D prize boar in 18 months class Iowa Fair, 1905. 2 Mauley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tientsen, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

DUROC BOARS.

DO you want a big, heavy-boned, wide-backed pig with plenty of length and quality, sired by a son of Proud Advance, a son of Orion and by Adjuster 2525L. Will give accurate description, exact measurements and weight. My pigs are very large for age and have been grown for service, not fattened on corn.

ROY E. WEST,
Route 1, Box 6, Churdan, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief 1 Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by 'Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

A BETHLEHEM 23669 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," H. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO., LYONS, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder der 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

WELCH'S POPULAR PRICED DUROC JERSEYS I HAVE 90 choice spring pigs sired by a grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenge sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, In.

PEEK & PUTMAN'S DUROCS,

TECUMSEH, NEBRASKA.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimson Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 2 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryun, R. R. 1., Neponset, Ill.

SPRING boars sired by fancy 'Crimson Wonder. S. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

CHOICELY-BRED Duroc Jersey pigs, sired by Bill H. 45813. The long, deep-bodied, growthy kind. Write me. K. W. Richardson, Ogden, Iowa.

Grand Dispersion Sale OF SCOTCH & SCOTCH-TOPPED

SHORT-HORNS

TO BE SOLD AT

DR. ANDERSON'S SALE BARN, SEWARD, NEB., SATURDAY, NOV. 24, 1906

**43 COWS &
HEIFERS
7-BULLS--7**

Twenty-six of these cows with calves by their side and most of them bred again to one of the three great Cruickshank bulls now at the head of this herd. This offering as a whole is considered to be one of the very best in the state this season and are worthy of the attention of the most discriminating buyers. They combine great beef and milking qualities that every breeder and farmer should be looking for. The bull offering is a very strong one in both breeding and individuality. Included in this sale will be the great Parsons-bred bull, Second Baron, sired by that noted sire, Baron Victor. Royal Aberdeen will also be sold and is no doubt one of the best yearlings that will be sold this year. Write for a catalog and mention The Homestead.

**43 COWS &
HEIFERS
7-BULLS--7**

W. M. McLEMORE, Prop.

T. C. CALLAHAN, and W. C. WICKHAM
Auctioneers.

KEARNEY, NEB.

DUROC JERSEY HOGS.

Thos. Bennett, Rossville, Ill.

HOM again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

MAPLE AND LAWNDALE DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

HANLEY BOARS FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

Tip Top Notcher Boars

For sale at very reasonable prices.

ALSO boars by Hanley, The Lad for Me, Red Express, Golden Echo and other noted sires. Write at once for prices and descriptions.

Fagan, Browning, Hess & McCabe, Hersman, Illinois.

40 HEAD FALL & SPRING DUROC JERSEY BOARS.

I PURCHASED the highest priced Duroc sow sold in Kansas. Have litter of pigs by her. Litters by Bezdek (1st prize boar Nebraska Fair, 3d prize winner St. Louis). Others represented, Higgin's Model, Jumbo Perf., Improver 2d, Belle's Echo, etc. Pigs are very growthy. Will price right.

W. J. East & Son, Clay Center, Neb.

MAY & PORTER, REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

WALNUT GROVE DUROCS

I HAVE a few good male pigs for sale now. Prices reasonable. These pigs are sired by Belle's Model and Teddy K, and out of May's Choice and Higgin's Model sows.

HENRY G. WARREN, INLAND, NEB.

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, Portsmouth, Iowa

WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

DUROC JERSEY HOGS.

FORTY SPRING BOARS

sired by ORION CHIEF and KRUGER and out of dams by KAN'T BE BEAT, ORION CHIEF, CHIEF SURPRISE, COL. FINCH and other noted sires.

\$50 Buys boar related to Iowa and Illinois State Fair winner bred as above **\$50**

If you want an extra good spring boar, write
IRA JACKSON, TIPPECANOE CITY, OHIO.
Mention Homestead when writing.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN LAKE CITY, IOWA.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientsin 17261. Imp. Wonder 43681, A. L. Advance 43331, Oubolt Chief 35271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address,

P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 11-3, RADCLIFFE, IA.

CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address,

U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

GILTS in service. Red Orion 25793, by Orion 5393; dam Rose Bud 50188 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 84492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH, HAMBURG, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On It, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topdy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. My April boars will weigh 170 lbs. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

HARMON GRUVER, Brewster, Minn.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB, MONROE, NEB.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

The "Nancy Herd" Durocs

Sow sale FEBRUARY 25, 1907. Pigs by Orion, Junior Jim, Critic's Echo. Inspection invited. 125 pigs. Write us.

W. A. STAPLES & SONS, GLIDDEN, IOWA.

WANETA DUROCS.

35 Choice Boars now for sale, both fall yearlings and spring boars. The "tops" at moderate prices.

B. A. SHAFER, SANBORN, IOWA.

DUROC JERSEY HOGS.

Buddy K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, ILLINOIS

WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow, sired by Top Notcher Model 37663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advance and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R.

J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

ROYAL RUBY HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy bodied hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free delivery and entertainment. Telephone connections. Rural Route No. 2.

Gus A. Pederson, Ocheyedan, Iowa.

Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Bevington, Kingsley, Ia.

BOARS! BOARS! BOARS!

Will offer special prices on extra good Duroc pigs if taken at once. Pigs by ten leading sires including Ohio Chief, Higgin's Model, Morrison's Bell Top and others. Write me at once.

FRANK ALLDRITT, FRIEND, NEB.

40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Allox, litter brother to the sweepstakes sow Allox II. Good ones.

AUSTIN RENSCHAW, Blair, Neb.

Two Good Duroc Fall Males

LET, and spring boars for sale. Correct I know Jr 11629 at head of herd. S. L. Wyandotte and R. C. B. cockerels \$1 each. Inter-State phone.

F. Ebendorf, Strawberry Point, Ia.

BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions.

H. B. GRIFFITHS, Bowen, Ill.

BOARS! BOARS!

FOUR HERDS, Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794.

Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.

I. C. Welch, Bedford, Iowa.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd in full expansion at a reasonable price. No swine for sale now. Spring sale February 13, 1907. J. B. Davis & Son, Fairview, Kan.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

FOR SALE. My Duroc Herd Boar Crimson Model 41275 (half brother to Iowa Banker). Also some of his pigs from sows by Gay Advance 28775. L. L. Woods, Grinnell, Iowa.

THE Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

FRANK IAMs

"Special Train" arrived August 14, 1906, carrying 120 "Peaches and Cream" Stallions. They are "Iams' kind," the "Best ever." Winners and "Sons of winners." \$1,000 and \$1,500 buys Imported "Topnotchers" of Iams. Watch "Iams' Smoke." He has his "Selling Clothes" on daily. No buyers with money or bankable notes get away from Iams. He buys, owns and sells more first-class draft and coach stallions than any man in U. S. "Whoa Bill"—Buy a stallion this fall—"Save \$200" and get choice of Iams' barns filled to the roof with

168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

Mamma—Iams always has the best horses at Nebraska state fair. Iams' 2, 3 and 4-year-old Percheron and Belgian stallions won every first prize (bar one) and sweepstakes prize in both breeds (over all) and many second and third prizes. Iams' "Black Boys" are "Hot Stuff" for competitors; and Iams saves buyers all commissions and middlemen's profits. Iams is not in the "Stallion Trust."

\$1,000 SAVED AT IAMs \$1,000

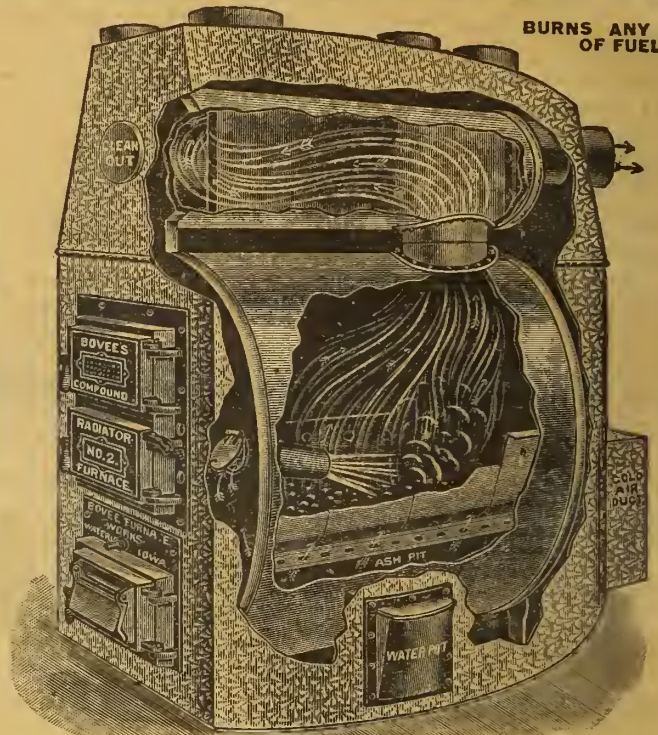
Ikey, what a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "Topnotchers" so good, big and cheap that they do not need to be peddled to be sold. Mr. Buyer, see Iams' stallions yourself. Take no "gold brick stallion salesmen's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$100 for your rouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eyeopener and greatest horse catalog on earth. References: St. Paul State bank and Citizens National bank.

ST. PAUL, NEBRASKA.

HEAT YOUR HOUSE WITH Bovee's Compound Radiator Furnace

Store, Church or School House
BURNS ANY KIND OF FUEL

THOUSANDS IN USE



11 YEARS ON THE MARKET

HAVING BOVEE'S IMPROVED HOT BLAST VENTILATING SYSTEM AND RETURN CIRCULATING RADIATOR, which gives perfectly pure air and saves one-third of the fuel. Any handy man can properly install either of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first class. We can save you 40 per cent on the cost of your heating plant, our prices being but little more than good stoves. We have the largest and best line of furnaces in use, including our Celebrated Waterloo Furnace, complete, for \$43. Send for catalog.

MANUFACTURED AND SOLD BY THE
BOVEE GRINDER & FURNACE WORKS, WATERLOO, IA.

PUBLIC SALE OF REGISTERED HEREFORDS

STOCK YARDS SALE PAVILION

South Omaha, Neb., Tuesday, November 27, 1906.

All of Our Own Breeding

30 Choice **30**
2 Year Old
Heifers

ALL BRED TO OUR LEADING
HERD BULLS

CATALOGS SENT ON REQUEST



All of Our Own Breeding

20 YOUNG **20**
BULLS

JUST READY FOR SERVICE.
SOME SHOW MATERIAL HERE.

CATALOGS SENT ON REQUEST

AN OFFERING OF STRICTLY CHOICE CATTLE OF
MODERN TYPE AND ANXIETY 4th STRAIN

GUDGELL & SIMPSON, INDEPENDENCE, MO.

SALE AT 10 O'CLOCK A. M. SHARP.



VOL. LI. NO. 47.

DES MOINES, IOWA, NOVEMBER 22, 1906.

WHOLE NO. 2575

THE PROBLEM OF WATERING HOGS IN WINTER.

If among all our subscribers there can be found one individual who has succeeded in securing a convenient, inexpensive and satisfactory way or means of watering hogs in winter, we shall be exceedingly pleased to hear from him. A method to meet the requirements must involve the use of warmed water, because we are convinced that if there is one thing more than another that will pay in handling hogs it is that of furnishing them with water from which the cold chill has been taken.

We do not have in mind a single instance where the problem of watering hogs in winter has been worked on by any of our experiment stations, and we are of the opinion that this would be a good line along which to experiment. A bunch of fattening hogs that have access to water with the chill off will drink ten or fifteen times a day, while if they have access only to cold water they will stand around and hesitate a good deal before drinking, because the hog is not a well protected animal and instinct teaches him that he should be cautious about taking a large amount of cold water into his system. It will make him shiver every time if he does, especially on a cold day. On the other hand, if water is heated to a temperature of 80 or 90 degrees a hog seems to relish it, no matter what the weather is.

What we desire at this time is to have the subject discussed, to have some of our posted subscribers give their views on the matter of heating water for hogs and give their plan by which this is supplied. We doubt if there is more than one reader in a hundred who does not keep some hogs, and therefore a subject of this kind appeals to all, for all are looking for light on it.

A little later the editor of this paper will give the plan that he has found to

work out satisfactorily, but in the meantime it has been thought best to solicit the views of others.

THE 1906 CORN CROP.

The 1906 corn crop is the largest ever raised, being within calling distance of the three billion dollar mark. The yield throughout the United States is estimated at 30.2 bushels, which is practically one bushel and a half more than last year and five bushels above the ten-year average.

In the seven largest corn producing states the crop is 55,000,000 bushels larger than it was in 1905. As the farm reserves of corn on November 1st, this year, amounted to 37,500,000 bushels more than a year ago, it means that there is now in the country something like 210,000,000 bushels more than last year, at the same date. This, no doubt, accounts for the three or four cents difference in the market in favor of 1905 as compared with 1906.

In spite of the fact that there is found in the hands of farmers 37,500,000 bushels more than last year, at the same time we believe there is another factor that does not enter into computation in the government's report. We refer to the amount that is used out of the crop before cribbing time. In our recollection we have never known feeding to start earlier and we have never seen a larger acreage fed, either in the form of snapped corn or foddering off, than was the case this year. Plenty of farms in the corn belt fed from 10 to 20 per cent of the crop before November 1st. Of course, in most of the cases this was utilized for hogs, the aim being as a general thing to fit hogs early for market this year on account of brisk prices. It may mean less consumption later, but we expect that the going into effect of the denatured alcohol bill will keep up the demand after the hogs are sent to market.

FUTURE PRICES OF FUEL ALCOHOL.

Since the passage of the denatured-alcohol bill by congress, a bill which becomes a law January 1, 1907, there has been considerable speculation over the probable price of alcohol after the law goes into effect.

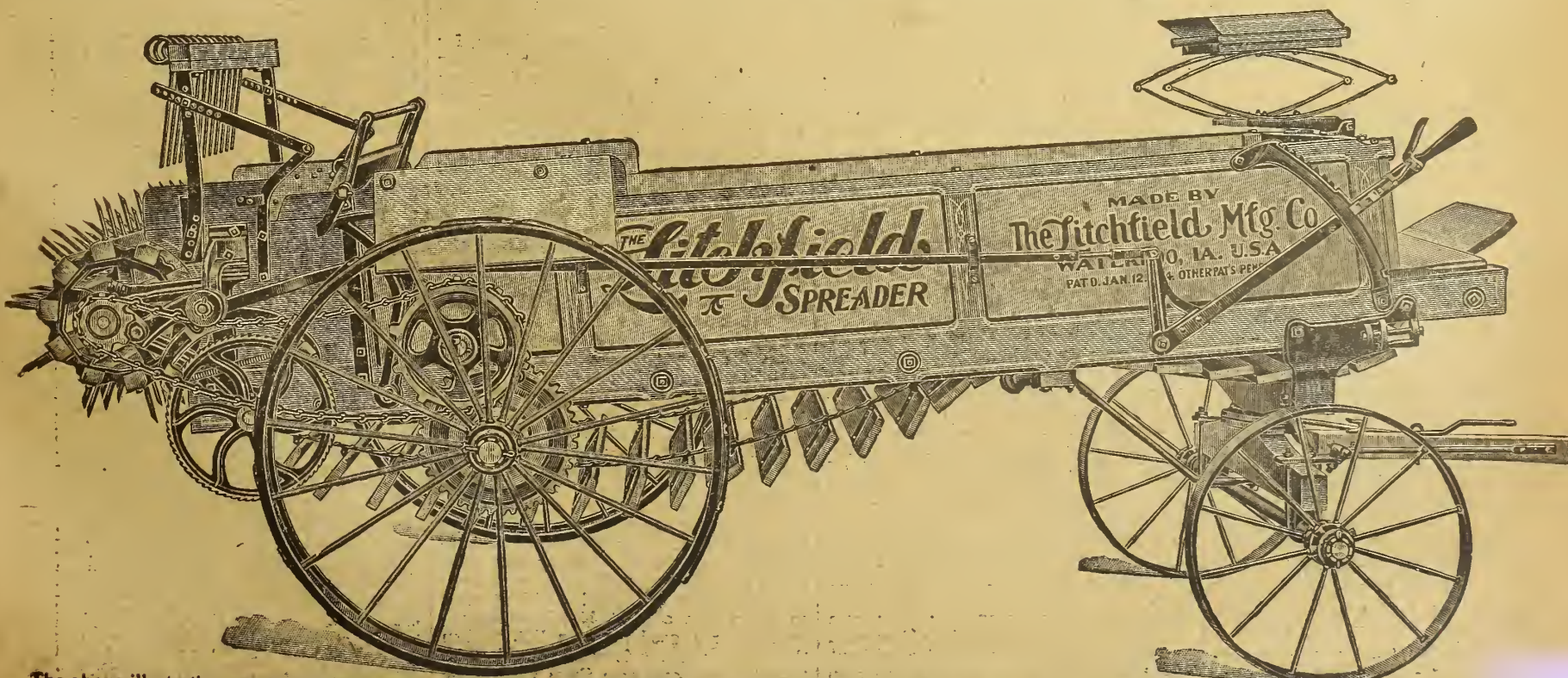
Alcohol may be made from nearly every crop grown in the Central West, but it is probable that only corn and possibly potatoes will be used for this purpose in the immediate future. The amount of alcohol that any substance will make depends upon the percentage of fermentable matter it contains. In the case of corn, this runs as high as 70 per cent. In other words, thirty-nine pounds of fermentable material is obtained from a bushel of corn. In turn, it takes two pounds of fermentable material to make one pound of alcohol. Consequently a bushel of corn will make about nineteen pounds of alcohol. The weight of a gallon of alcohol is seven pounds. Therefore, one bushel of corn will make 2.7 gallons of alcohol. At forty cents a bushel, therefore, the corn alone used in making 95 per cent industrial alcohol would cost practically fifteen cents. It is claimed that the cost of manufacturing, storage, etc., will amount to fifteen cents a gallon, and if to this be added the profits of the manufacturer and dealer, it is probable that alcohol will sell in the neighborhood of forty cents per gallon.

This takes no account of by-products that might result from manufacturing alcohol from corn. The protein of the corn is still unused and this is always valuable for feeding purposes. There are those who believe that the by-products will pay all the expenses of manufacturing, and that therefore the price of alcohol would simply be the value of the corn from which it is made and a reasonable profit to the dealer. On this basis, the value would be somewhere around twenty-five or thirty cents a gallon.

Potatoes contain from 15 to 20 per cent of fermentable matter, and a bushel of potatoes would therefore make about six pounds of alcohol. If the yield were 300 bushels per acre, there could be made from the crop 250 gallons of alcohol, which at thirty cents per gallon would amount to \$75. If it requires fifteen cents' worth of corn at forty cents per bushel to make a gallon of alcohol, farmers would have to sell their potatoes at fifteen cents a bushel in order to compete with corn in alcohol production—a state of affairs that will probably never be brought about in this country.

Rye contains a little over 70 per cent of fermentable matter and barley a trifle less. However, the yield per acre from these crops is such as to practically remove them as competitors with corn in the manufacture of alcohol. The whole matter is therefore simmered down to the question of converting corn into alcohol, and this to the farmers of the corn belt is highly significant. There will undoubtedly be a very substantial increase in the amount of alcohol used in the future and this practically amounts to the creation of a new market for those who raise corn. It is not unreasonable to suppose that the effect of the new law will be to permanently appreciate the value of corn. It looks now as though the day of twenty-five-cent corn has passed forever, and the man who owns and knows how to operate a piece of good corn land has something in his possession better than any stocks or bonds that are now on the market.

An Ohio farmer asserts that Nature has produced on his farm a combination of pumpkin and tomato with the result that while preserving their usual outside appearance, the pumpkins taste like tomatoes and the tomatoes like pumpkins. How are these misguided vegetables going to square themselves with the pure food commission?



The above illustration represents the very latest thing in the Litchfield Manure Spreader. This is the machine they have been talking to our readers about for nearly a year. It is made in our own state—at Waterloo, Iowa, and they have an interesting article concerning it this week on page 5.

NEW VS. OLD PROCESS OIL MEAL.

A Kansas subscriber sends the following communication:

I would like if you could tell me the difference between what is called new and old process oil meal. I have heard farmers in this locality talk about the matter, but when questioned they knew very little about these two products. Everybody here seems to favor the old process meal. Why is this?

This inquiry was submitted to the Minneapolis Linseed Oil Company, of Minneapolis, Minn., to which they sent the following reply:

In answering your question would say that old process oil meal derives its name from the fact that in this process the oil is extracted from the seed by hydraulic pressure, leaving the seed without the oil in long slabs or cakes. This is ground to produce the oil meal. In the new process the oil is extracted by grinding the seed and putting it in tanks and running raptha through it, and what is left is a new process oil meal. They claim for this process that they extract all of the oil from the seed. This of course would tend to make the meal of poor quality, also there is some odor of naphtha which is distasteful, if not injurious to cattle.

We understand there are but two new process factories in the country, one in Chicago and one at Cleveland, but we are not aware that either of them is in operation. It has been demonstrated that the old process meal is of much greater benefit as a feed. Think this is horn out from the fact that there are no new process mills operating at this time.

We find by referring to Professor Henry's "Feeds and Feeding" that there is very little difference in the composition of the new and old process oil meal. The old process, according to the analysis given by him, contains 32.9 per cent of protein, while the new process meal contains 33.2. This is so close as to practically amount to no difference whatever. However, there is a difference in the percentage of fat in the two meals, and this corresponds to the statement made in the letter quoted above written by the Minnesota Linseed Oil Company. The old process meal contains 8 per cent of fat, while the new process meal contains but 3 per cent of fat. With a slightly smaller percentage of protein and with twice as much fat, there is apparently some foundation for considering the old process meal superior.

PROGRAM FOR THE INTERNATIONAL EXPOSITION.

It is only a comparatively short time now until the International Live Stock Exposition will open in Chicago, the date being from December 1st to 8th. That, as we have frequently said, is the principal live stock exposition held in the United States; indeed, it is doubtful if a bigger or better is held on earth. The following program will be carried out in detail during the week:

CATTLE DEPARTMENT.

Saturday, December 1st—Students' judging contest.

Monday, December 3d, 9 a. m.—Students' own judging contest, pure-bred and grade bullocks, Short-horn breeding classes, college and experiment station fat, Clay, Robinson specials. Steers entered for the slaughter test must be placed in charge of committee Monday evening, December 3d. The hour for slaughter and for awarding prizes on dressed carcasses will be designated by committee in charge.

Tuesday, December 4th, 9 a. m.—Short-horn breeding classes continued, Hereford breeding classes, carloads feeding cattle, carloads fat cattle.

Wednesday, December 5th, 9 a. m.—Galleyway breeding classes, Hereford breeding classes continued.

Thursday, December 6th, 9 a. m.—Aberdeen Angus breeding classes, Red Polled breeding classes, Polled Durham breeding classes.

Friday, December 7th, 9 a. m.—Any unfinished judging.

SHEEP DEPARTMENT.

Saturday, December 1st—Students' judging contest.

Monday, December 3d, 9 a. m.—Pure-bred grade and cross-bred wethers, college sheep—Clay, Robinson specials. Fat sheep entered in slaughter test must be placed in the hands of the committee Monday evening, December 3d. Hour for slaughter and carcass judging will be designated by committee.

Tuesday, December 4th, 9 a. m.—Oxford and Cheviot breeding classes. P. M.—Shropshire and Dorset breeding classes, carloads native and range sheep.

Wednesday, December 5th, 9 a. m.—Shropshire and Leicester breeding classes. P. M.—Southdown and Lincoln breeding classes.

Thursday, December 6th, 9 a. m.—Hampshire and Cotswold breeding classes. P. M.—Rambouillet breeding classes.

SWINE DEPARTMENT.

Saturday, December 1st—Students' judging contest.

Monday, December 3d, 9 a. m.—Clay, Robinson specials; fat barrows, college classes; fat barrows, all classes. Swine entered for slaughter test must be placed in the hands of the committee Monday evening, December 3d. Hour for slaughter and judging carcasses will be designated by the committee.

Tuesday, December 4th, 9 a. m.—Barrow championship, carloads fat hogs.

HORSE DEPARTMENT.

Saturday, December 1st—Students' judging contest.

Monday, December 3d, 9 a. m.—Belgians, German Coachers. 8 p. m.—Draft gelding to halter—singles.

Tuesday, December 4th, 9 a. m.—Percherons, Hackneys. 8 p. m.—Draft geldings in harness—pairs.

Wednesday, December 5th, 9 a. m.—Clydes-

dales, French Coachers. 8 p. m.—Draft geldings in harness—three, ponies.
Thursday, December 6th, 9 a. m.—Shires. 8 p. m.—Draft geldings in harness—fours.
Friday, December 7th—Any unfinished draft or coach horse judging. 8 p. m.—Draft geldings in harness—sixes, ponies.

STORING DRIED SEED CORN.

A subscriber from Marathon, Iowa, sends the following communication:

I picked my seed corn and hung it up about two months ago. It is now quite firm and the question with me is whether to shell it now and put it in a warm place or leave it on the ear where it is hanging at present. Any information you can give me on this subject will be greatly appreciated.

This brings up a subject that interests every man who grows corn, and it may be said in the beginning that there is a very great difference in opinion among even good corn growers as to how corn should be handled after it has been dried out in the fall.

Many very successful men adopt the uniform practice of picking their seed corn some time in September and hanging it up in the manner described by this subscriber in a crib or in a thoroughly aired passageway and leaving it there until the following spring. Some time ago Mr. P. F. Mally, of Polk county, Iowa, gave his views along that line and stated that for twenty years he had never missed a stand, although his corn had never been stored in a warm room, but kept under cover in well aired places.

We like the practice of picking seed early, hanging it up and getting it thoroughly dried out before freezing weather, but then prefer to store it in a room in the house in an atmosphere that never gets cold enough to freeze. The seed is stored in racks in such a way so that no two ears touch, wire netting being placed on the back of the rack and a screen door on the front to keep out the mice. When corn is handled in this way there is absolutely no danger of its spoiling during the winter on account of the presence of heat, while on the other hand if it is left in cold quarters there may be times when it will absorb moisture in warm weather during the winter and when this is followed by a cold snap the germ may be to some extent injured.

Under no circumstances would we advise the shelling of this seed until within a very few weeks of the time it is required for planting. It has been found out by our experiment stations that seed corn deteriorates in its germinating ability very rapidly after it is shelled. If it came to the matter of choosing between the plan of leaving it on the ear hung in a corn crib, for example, or shelling it and placing it in a sack in a warm room, we believe we would rather leave it on the ear, though this is only an opinion and not based on scientific data.

Let us hear from others on this subject.

SALES AT THE INTERNATIONAL.

We desire to call attention to the fact that the pure-bred sales, held under the auspices of the various breeders' associations during the week of the International at Chicago, will take place outside the grounds in Dexter Park, reached by the Halstead and 43d street cars. All sheep sales will be held in the sheep show building on the ground, and all annual meetings to be held in the Pure-bred Record building can be reached from outside the grounds from Exchange avenue, the roads leading to the yards from Halstead street. This announcement is made by Mr. Skinner in order that all persons who do not desire to visit the show can attend the sales and also the annual meetings of the various associations.

The Best Time for Sows to Farrow.

To the Editor of The Homestead:

In a late issue of your paper you invite discussion on the above subject. I desire to say that I am partial to the early pig. Experience and observation have taught me that from the twentieth of February to the last of March is the best time for sows to farrow for the spring litters. These you can feed off before the weather gets so cold that it will take about all the corn they can eat to keep up the animal heat. And by feeding the sows oats, oil meal, etc., before as well as after farrowing, I have had just as good luck as at any other time.

Then you can raise another litter from the same sows that will be old enough to go through the next winter without any trouble and will be ready to ship the next June, before the weather gets

too hot. I am not favorable to winter feeding further than to keep the hogs in a thriving condition.

Marion county, Ia. J. M. Watkins.

This is certainly a very important and timely subject for discussion. The time cannot be fixed absolutely but must be governed by climatic conditions and environment. For illustration, if I lived in northern Iowa or in the Dakotas, or even where I now live (northwest Missouri) and failed or neglected to provide a good, dry, warm, comfortable hog shed for the sows to farrow in, I should consider it not only unprofitable but the height of folly to have sows farrow before the first day of May, as the chances would be that the pigs would die from exposure to cold, wet weather. Or, if they lived they would grow up into poor, sickly shoats that would hardly pay for their feed.

I would most emphatically endeavor to impress upon the hog raiser the importance of providing good, dry, warm places for their sows to farrow in, where the sunshine can be let in the whole length of the pen during the daytime and closed up at night. The pen should have a plank floor and be so well constructed as to keep out all snow and rain. Cold, wet, dusty nests for the farrowing sows have caused the death and disease of more pigs than any other one thing I know of during nearly forty years' experience in successful hog raising for the pork market.

If these conditions are strictly complied with it is possible to save the pigs at almost any season of the year, but I do not consider it very profitable to raise any large number of winter pigs, say a hundred or more, as it costs too much money and labor to make artificial conditions in winter which are equal to natural ones in summer.

It has been the uniform practice of the writer for many years to have the sows farrow on or about the last week in March or the first week in April, so they can be put into the October market weighing on an average of 200 pounds each in 210 days, or a gain of about one pound a day from farrowing time. I do not consider this a remarkable gain for any farmer to accomplish who understands the hog business. I have been successful by feeding a balanced ration, keeping the pigs healthy and growing their very best every day from farrowing time until the day they are placed upon the market.

In closing I need hardly remind the wide-awake, hustling hog raiser that the October market has averaged higher for the past ten years than in any other month of the year, and that his 200-pound shoats will top the market as breakfast bacon hogs.

Caldwell county, Mo.

Samuel E. Turner.

As you have asked for the different opinions of your readers as to which they liked best, February, March or April litters, I thought I would add my mite. I had some experience along that line and have decided on a plan which I think is the most profitable from the farmer's point of view.

I have no use for February litters, for the following reasons: It is so hard for the young pigs to keep warm that they pile up and get hurt; then they are housed up so closely that they don't get enough exercise and when they do get out it is usually cloudy and muddy and they catch cold. Their ears and tails come off, their beds are always wet and the sows do not suckle well. It takes a good deal of labor and expense to provide scitable houses, besides the feed and care, and you lose so many pigs that all of the profit is gone out of the business at the beginning. We all know that to make money out of hog raising for the market it isn't a question of how many hogs one raises but how good, how cheap and how quick.

I prefer my pigs to come in April when the sun is shining, birds singing and green grass growing. Then the mud will all be gone, the clouds flown away and the sows will give a full flow of milk, take exercise and the little pigs will stretch out on the warm ground and grow. There will be no thumps or tails gone now. Any sow that will raise four or five pigs in February will raise seven or eight in April.

Use nothing but good suckling sows so as to give a good, big, hustling, robust litter a good start in life. When the pigs are about four weeks old make them a creep and give them some little extra feed. Skimmed milk is good, but

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if that is not available give some ground soaked corn, five parts, and tankage, one part. Feed little but often, say four times a day at least. Right here is the place they usually get stuck by feeding too much at a time and not often enough, causing the little pigs to eat too much and grow pot-bellied and get the scours. I say again feed little and often.

Let the sow wean the pigs herself. She will do this when the pigs are fifteen weeks old and they will weigh seventy or eighty pounds each.

Some will say that but one litter can be raised with a sow in that manner, but I say that it is better to raise one litter at a good profit than to raise two poor litters at a loss. A fall litter never did make me expenses. Pigs that will weight seventy-five or eighty pounds at weaning time or by August 1st can be made to grow very rapidly from that time on and will weigh 225 pounds in November and 300 pounds by January. By having the largest strains one can feed them until the market suits, whether it be November, January or March.

Sell the poorest half of the old brood sows and place them with spring gilts. In this way you will have good young brood sows. The older ones will weigh 500 pounds each and ten sows this size is no small item. There will only be one-half the number of old sows to keep over winter as there would have been if you attempted to raise two litters a year, and yet there would be as many pigs raised as if there were two litters if a sufficient number of young sows were kept.

Victor Wiley.

Moultrie county, Ill.

Shelling Corn Time.

Corn husking will soon be done. The cribs all over the corn belt are bulging to the limit. This means that there will be a great amount of corn to be shelled the coming winter. If you are in the business of shelling the golden cereal it will be a good idea to prepare for making some cash. Have a good machine to start with. There will be plenty of delays to put you back a week on the schedule without having any breakdowns. An accident of this kind is the most expensive thing one can suffer. Everything stops when the sheller stops but wages. Besides, delays are so aggravating to yourself and to the farmer. If the old machine has become untrusty, discard it. Let it remain where it is—maybe under cover, maybe not. At any rate start out with a good sheller. This will save you many kicks—and money. Such a machine may be bought of the Sandwich Manufacturing Company, 143 Main St., Sandwich, Ill. This machine has been the standard the world over for fifty years. Consult your local dealer or write direct to the firm, mentioning The Homestead.

SEND US THE ADDRESS OF YOUR FRIENDS IN NORTH DAKOTA.

Special rates from North Dakota up to the boundary line to points on the Minneapolis St. Louis R. R. and Iowa Central in Iowa and Illinois, on sale during November and December and good to return until April 15th. Send us your friends address and we will advise them fully. W. K. Adams, D. P. A.; D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

SPECIAL COLONIST RATES SOUTHWEST.

On the first and third Tuesdays of each month until March, 1907, inclusive, The Chicago Great Western Railway will sell one way colonist tickets to points in states of Arkansas, Colorado, Indian Territory, Kansas, Louisiana, Mexico, Missouri, Nebraska, New Mexico, Oklahoma, Texas and Wyoming at rate of one-half of regular first-class one way rate plus two dollars. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ONE WAY SETTLERS' RATES.

To points in Nebraska, eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

Farm Furrows

Turned by a Practical Farmer.

The human race is fast being exterminated by the automobile race.

Alf Alford, who lives down at Alpha, Has raised a large crop of alfalfa; But those who would buy Find it's no use to try To get Alf's alfalfa at Alpha.

The draft horse is just now the popular horse and is in demand for city use at higher prices than any other stock.

It is not difficult for me to judge who knows most about bringing up the boys—the maiden aunt with her theory or the father with the sad fact of his past. The father was once a boy.

I have always regarded it a good plan to husk several rows all around the field before any snow or mud is visible. This plan renders it possible to turn at the ends without wasting any unhusked corn. Few men like to husk corn that has been run over by teams.

The secretary of agriculture has said that the corn cob is of no use to mankind. I am led to wonder how we could grow corn if we did not have a cob for it to grow on. What would our hired men do for cob pipes? How about the quick cob fire so common in every farm kitchen? I am afraid that our secretary has grown esthetic in that Washington environment. To repudiate the cob means abrogating the whole corn-producing system.

The practice of oiling the roads carried on in some localities provokes some criticism on account of the unpleasant odor and also the disagreeable sticky surface resulting. It is claimed by scientists that the Texas crude oil is better for oiling roads than the Pennsylvania product. The former has a paraffin base, while the latter has an asphaltum base, and it is claimed that a skim of asphaltum is deposited on the roads, which makes them much better.

One reason why it is difficult to get justice in our courts is because we are surfeited with laws that even a Philadelphia lawyer can't interpret. We need fewer laws and more justice. I am of the opinion that there is not a lawyer in the commonwealth of Iowa who can interpret all of her fence laws. Her fence laws have been made for each period, repealed, amended, revised, reinstated, improved and annulled until even smart men are puzzled to understand where we are at.

A German scientist claims to have discovered why grain lodges, and he believes it is possible to breed varieties that will not lodge. He says that in a normal or ideal stem the internodes from the lower to the upper increase in length and decrease in strength, according to a definite law, which gives to each internode the average length and strength of the one immediately below and the one immediately above it. Grain is said to lodge when the law of arithmetical average with reference to the internodes is distributed.

An oleomargarine fraud was recently discovered near a town in Indiana. A man in that locality was rapidly getting rich in operating a scheme contrary to the federal laws. He would purchase oleo in Louisville at nine cents per pound, bring it to his home and convert it into what appeared to be good country butter and he would take it back to Louisville and sell it to private customers at from twenty-five to thirty cents per pound. He had established routes in many parts of the city and was doing a big business.

Did you ever try to drive a ninety-pound shoat through a sixteen-foot gate? Of course you have, and you have had him stop before reaching the gate, turn about, meditate, hesitate, cogitate and finally the combined efforts of hired man and a dog can't put him through that gate. Then you have had the same pig approach the same gate when he was not wanted and you have slipped up along the fence in an attempt to head him off and—and—well, of course he got through first. It is presumed that the average hog is possessed of the spirit of divination. He can foretell what is go-

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ing to happen a good deal better than his owner.

Next to a shredder an old thrashing machine will put fodder in a good condition to feed. In fact some farmers claim that it is even better.

You've no doubt had a hog get contrary when loading in a wagon. Well, a very good way is to put an ordinary zinc basket over his head and he will back up to try to get his head out of it and by following him up with the basket he will be backed into the wagon before he knows it. Try it.

A neighbor recently said to me "I need another team but horses are so high that I can't afford to buy." I have been wondering what he would think if he had a good pair of horses to sell. He would be glad prices are high. It is easy to see why a farmer should be a seller of good horses rather than a buyer.

A beef club is usually composed of about fourteen members. A beef is cut into fourteen pieces, seven on a side. Each member of the club furnishes a beef, usually a two-year-old heifer. One man does all the killing and he gets the hide for his work. The pieces are cut by the butcher, weighed and numbered from one to fourteen. The members are numbered and at the start No. 1 gets piece No. 1 and the next time No. 1

gets piece No. 2, and by so doing all will eventually get the different parts of a beef. The heart, liver and tongue should go to the owner of the beef.

If I can't have at least ten tons of alfalfa hay in the barn I would like to have that quantity of good clover hay. Properly made clover hay is a good thing to have.

If a horse has the heaves feed less hay and more grain and water him before feeding. A horse with the heaves should not be worked hard for an hour after eating and too much should not be expected of him. Feed wet feed when it is convenient.

A dark soil absorbs the rays of the sun faster than the light soil and thus makes it warmer. This difference in temperature affects the germination and growth of plants. In the spring when the corn is coming up the rows are usually seen first in the dark soil.

A friend of mine owns a big peach ranch in southern Missouri. A great deal of the land is to farm crops and has not yet been set to peaches. He tells me that he began husking his corn the first of September and that he husked nine thousand bushels from 219 acres. That is a good yield and it is an early date to begin husking. He tells me that the one great enemy in that locality is

Johnson grass. It is everywhere present and is practically proof against eradication.

This is a year when the force of gravitation (or some other force) that draws all the large apples to the top of the barrel should fail to operate. There is certainly no need for the large apples getting only in the top of the barrel this year.

There is no longer any need of a screen door and if such are not taken down and stored in a dry place they can be made to answer for a storm door by covering them with building paper or some other material of a like nature. A door fixed in this way will answer the purpose but will not be a beauty.

Judging by the actions of some farmers one is inclined to the belief that the farmer is the only man who hunts competition. These men are regretting the decrease in the number of men engaged in farming. They would have an increase in the number and likewise an increase in competition. What is needed is an increase in the population of consumers and not producers of food. The amount of food is limited and is low enough in price. Farm values depend on the income from land. Income depends on the demand for food. That demand depends on the number of consumers.

THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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FALL PLOWING CORN-STALK GROUND.

The following communication has been received from a subscriber, Mr. C. E. Russell, of Warren county, Ill.:

In your issue of late date you have discussion on fall plowing stalk ground. Last fall (1905) I had five acres of corn in a field with oats. As I wished to fall plow all of this ground I gathered the corn the second week in October. I then turned my stock in and pastured the stalks closely. The 1st of November I took my double-row stalk cutter and cut the stalks, then hitched up to my gang plow. I set this to run from six to eight inches deep and plowed all the stalks under, doing a good job. This is a little deeper than I generally fall plow, but I could not do a good job and run the plow any shallower, as the stalks would drag and accumulate and finally throw the plow out. When I got ready to plant corn on this field this spring I disked it with a Clark double-action cut-away disk, cutting eight feet, then harrowed it down. The rest of this field was in oats in 1905 and was fall plowed in August. It was all treated alike in attention. This year I planted all to Leaming corn and it is yielding sixty-seven bushels per acre and seventy-five pounds per bushel. I can see no difference in the yield on the fall plowed oat stubble and on fall plowed corn land.

On the same subject another subscriber, Mr. Henry Lampe, writes:

I have had some experience in plowing corn stalk ground in the fall. I cut the stalks with a Deering corn binder, cutting the opposite way from which I shuck. By so doing the binder will pick up down rows to good advantage. I haul the bundles off with a hay rack. My rack is sixteen feet long and six and a half feet wide, the stringers of the rack tapering in front to sixteen inches. My wagon wheels are forty inches behind and thirty-four inches in front. I have corners in my rack made by a board across each end. As I haul the bundles I put a layer first from one side and then from the other until I get a good big load. The bundles are light. I then drive where I want the fodder and jump on the corner and dump the load. The load will fall off in a pretty nice rack. I then turn the rack back and am ready for another load. One man can clean off from twelve to fifteen acres a day with a good gentle team. The ground is then in fine shape to plow and the fodder is pretty good feed.

The yield referred to by Mr. Russell is nearly twice as large as is ordinarily obtained from corn-stalk land yielded as much as the fall-plowed oat stubble is significant. Every man who has attempted to plow his stalks under in the spring in preparation for corn knows that the yield is never as large as it is on adjoining fall plowing, providing the soil in each case is the same.

The plan suggested by Mr. Lampe is

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Yours very truly, FRED. M. WARNER.

also a feasible one. Of course there is a waste of fodder in this case also. As said in a previous issue of this paper, if one could get the land plowed in the fall the yield of corn the following year will many times overpay for the loss of fodder.

Hog Cholera.

To the Editor of The Homestead:

Cholera is undoubtedly the worst scourge of the swine breeder. If all the chance of that dread disease could be completely eliminated, the problem of pork raising would be an easy road indeed. But there it remains, an ever present threat hanging over the breeders' head, and occasionally exacting heavy toll from the herd that in its sum constitutes a tremendous tax on the swine industry.

There are, however, precautions and preventives that, if strictly observed, will greatly diminish the ravages of this plague and with these the breeder and fattener should be thoroughly familiar. Let us enumerate some of these. Beware of a running stream of water that comes to you through a number of farms. It multiplies your risk by every preceding farm it traverses. Again, if there is no stock law and hogs are permitted to run at large, your risks are largely multiplied if your hogs are in fields adjoining the roads where they can touch noses with their wandering brethren through the fences. After the risks of foreign contagion we come to another class of preventives that call for equal vigilance on the part of the breeder. Do not keep large numbers of hogs in one herd. Divide up into different lots or fields. There is less risk in small bodies and if one be affected, the others are less exposed to immediate contact with the disease.

One of the most prolific sources of infection is the sleeping quarters. Look very carefully to them. Caution here is essential far more in the winter time than in the summer. In cold weather hogs will pile up for mutual warmth. Some of them become too warm and on the sudden rush at the call for breakfast, they run into the cold air with overheated bodies and pneumonia and other weakening diseases result. It should be the aim of the careful breeder to provide fairly warm quarters that are at last sheltered from cold winds. The hog is very sensitive to these but otherwise he will endure severe cold. Remember, however, that bodily heat saved is money saved. The hog must burn lard to keep warm and lard is expensive fuel. Beware of strawstacks. They are verily hotbeds of disease because the hogs become too warm there. So are manure piles. Give the hogs bedding but only enough to lie on—not enough to bury themselves in. They should not be allowed to mass together and get up smoking hot.

Next, observe cleanliness. From time to time burn the old bedding and give fresh straw. Once a week is not too often. Don't wait until it has been worn out. When you change the bedding take a hand sprayer or a sprinkling pot and disinfect all the sleeping quarters both earth and woodwork, with water into which you have put enough carbolic acid or coal tar products to make it smell strongly. Sprinkle the hogs themselves. If they are infested by lice, pour coal oil along their backs from nose to tail and rub some in their ears. It is a good skin tonic and won't hurt the hair in the least. I have used it for years. Finally diversify the feed. Hogs get tired of a monotonous diet like everything else in the animal world. Corn, of course, is the fattener, but it is a very one-sided ration and constipates. Give them enough shorts and bran to keep their blood cool and bowels free. Vary that with pumpkins and apples and house slop and soapsuds and later on cook turnips and beets and cull potatoes. Give them appetizers of charcoal, ashes and salt. Watch how they will crunch

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J. L. OWENS CO., 606 Superior Street, S. E., Minneapolis, Minn.
DO YOU RAISE CORN? THE OWENS CORN GRADER will make it more profitable. Write for particulars and prices

SAVE MONEY, TIME AND TROUBLE BY USING THE PURINTON FEED COOKER

QUICK and ECONOMICAL.

Look at the cut in the center and notice the construction of the Purinton Cooker.

There is little water just where there is the most heat, right above the coals. That's why the Purinton gets up steam quicker than any other cooker on the market.

Naturally, it's easier to bring a small volume of water to the boiling point than a larger volume. That saves you time and fuel.



SIMPLE and DURABLE.

There are no unnecessary parts to this cooker. It is absolutely safe, practically indestructible and is sold direct from our factory to you at a low price. Made in various capacities to suit all requirements.

Use wood, cobs, coal or anything burnable for fuel.

Double joint in pipe allows pipe to be put in a number of barrels around boiler without unscrewing.

Send For Catalog Today

CRESCENT FURNACE & FOUNDRY CO., 604 Madison Street, DES MOINES, IA.

up common stone if broken into small pieces.

With these preventives and safeguards that I have mentioned, the breeder need have but little fear of hog cholera. But if at last it does descend on you, don't lose your nerve and despair. Keep the center of infection as small as possible. Remove the sick animals to a small isolated pen and their exposed companions to some other spot. Feed only slop to both lots and disinfect daily—both hogs and quarters—with plenty of carbolic acid. Watch closely for further symptoms of the disease and at the first sign, remove the hog to the hospital lot. Keep the healthy herd as far from the sick as possible. As soon as one dies, bury or burn it. Don't leave it for the buzzards and other scavengers. They are liable to scatter the disease not only over your farm but over scores of others. Be careful that you do not carry germs on your own clothes or shoes to the healthy hogs. If compelled to handle the sick hogs, it is better to use a special pair of shoes and overalls.

Cape Girardeau, Mo.

L. R. Johnson.

The Week in Kansas.

To the Editor of The Homestead:

The nearer we get to the time when the almanac says winter, the better the weather. The "even tenor of the way" is still uninterrupted. It is still dry. It has tried to give us a small shower once or twice during the past week, but like all dry-weather showers, they were great bluff and no rain.

For the first time in several days we left the farm this week and drove a few miles away from home, to a sale. On the road we saw less corn husked than we expected to see. No one seemed in a hurry to get the corn cribbed. It has been fine weather so long, apparently, that the folks take it as a matter of course that the favorable weather will

last as long as they wish it to, so some are taking their time to do their fall work. Next week we may have mud half axle-deep or snow enough to make sleighing. There is no trusting the weather at this season of the year.

Some corn is being sold, but nothing like the amount that used to be marketed from the field. The people simply don't have to have the money, that's all. In this county the taxes are being paid as never before. Here, by paying all before the 20th of December, instead of half by this time and the other half on the first of June, we get a rebate of 5 per cent on the June half. Formerly few did this; now most everyone does. It is the exception to find the man who does not pay all at once. This is another straw which shows that the people are not pushed for ready money as in times past.

Considerable land has been changing hands this fall, with a probability of much more going to new owners before spring. Prices are from \$5 to \$10 an acre higher than a year ago. Farms that the owners really want to sell are getting scarcer than formerly. There was a time when any man would sell if he could get his price, but now many have no price—say they are satisfied to stay right here.

The weather this evening is more on the changeable order. Some are predicting a change soon, and expect to get in bad weather as much as we have received in good. This no man can tell. We only know that it has been the finest fall we have had in a long time, and for this we can be thankful, without worrying over the future. Henry Hatch.

Coffey Co., Kan., Nov. 15, 1906.

Complaint has become so urgent in Kansas about short-weight butter rolls that an investigation was instituted by the authorities. The little cubes of butter, like the sections of honey, grow smaller and smaller as the dealer and customer get away from the habit of weighing them.

A BABY BEEF PROBLEM.

BY W. J. KENNEDY, IOWA EXP. STATION.

A subscriber at Sioux Center, Iowa, sends the following communication:

We have forty-five head of yearling cattle on hand, almost all steers, which I intend to rough over this winter; that is, we have lots of hay and some corn fodder, and after the corn is out we will also have plenty of corn stalks. But we also have plenty of corn and some oats to put some of them, or the greater part on, and feed and finish up for market. Would it be a good plan to put twenty-five in the yard, and would they sell as baby beef when finished? They weigh a little over 600 pounds now. The youngest are about ten months old and the oldest about twenty months. Now, for baby beef, which should be put into the yard, the younger or the older ones? They are in fair condition and none of them are sucking calves. Would it be necessary to feed oil meal or anything of the kind because they are young? What is the ordinary price of baby beef in proportion to finished big steers? I would be obliged for any information. However, I might also add that we have ninety head of pigs which are all right now, though a number of farmers around here are losing many. As I understand it, there would be no money in feeding cattle without hogs. Would steers be better sellers than heifers the same as larger cattle? Would 1,100-pound finished steers of about two years of age be called baby beef?

Your subscriber presents a phase of the cattle feeding business which is puzzling many farmers at the present time. Taking everything into consideration, the writer would advise the selection of twenty or twenty-five head of the larger animals and putting them on feed at once. The remainder may be carried through the winter on the various kinds of roughage mentioned, but should also be fed a small allowance of corn and oats—say three pounds per animal per day. This will insure good growth and also keep the young things in fair flesh, two points which should never be lost sight of in the growing of cattle for beef production. When the grass season arrives they may be put on the grass lot and the grain ration continued, except that the oats may be omitted, the corn increased to three or four pounds, and from one to one and one-half pounds of cottonseed meal fed in addition. Continue this method of feeding until the new corn crop is ready, when snapped corn should be fed in liberal allowances so that the animals will be ready for the November or early December market.

The cattle which are put on feed should be fed some oil meal or cottonseed meal in addition to the corn and oat ration, unless alfalfa or clover hay is fed for roughage, in order to supply a sufficient amount of protein to cause growth as well as the laying on of flesh. At best these cattle will not be ready for market before the latter part of April or the first of May. These handy weight cattle sell right at the very top of the market, providing they are well finished. If they are not well finished they do not sell to advantage, as in many instances they are purchased by

feeders at prices which will warrant them to ship the cattle a hundred miles or so into the country to be fed sixty or ninety days before marketing them.

The term "baby beef" is usually applied to cattle, ranging in age from sixteen to twenty-two months, and varying in weight from one thousand to thirteen hundred pounds. In the production of this class of animals they are fed heavily from birth until ready for market. Sometimes they sell for higher prices than older and heavier cattle, while at other times they do not sell as well, depending very largely upon the market demands and the supply of the various kinds of cattle.

In this country the buyers will discriminate against heifers, but the difference is not so marked in baby beef animals as in the case of two-year-old and three-year-old cattle. The reason given for this discrimination is that heifers, as a rule, kill out more tallowy than do steers, and then the tendency for heifers to be in calf.

It is always more economical and profitable to have pigs follow feeding cattle, as otherwise there will be some waste of feed. Young cattle are less wasteful of their feed, however, than older animals. While one pig per steer is more than is necessary to take care of the waste, the majority of feeders use from one to two pigs per steer and follow the wise practice of feeding the pigs some additional food. By so doing the pigs make heavier gains, thus can be marketed at a much earlier age.

The writer's reason for advising the feeding of the heavier cattle first is that the younger animals will, as a rule, prove the most profitable to carry over until next fall, due to the extra amount of growth obtained.

The American Poland China Record Meeting.

To the Editor of The Homestead:

I wish to call attention to the meeting of the American Poland China Record Association, to be held during the International Live Stock Exposition, to be held during the International Live Stock Exposition, Thursday, December 6th. The meeting will be held in the Live Stock Record Building, which is the same building in which the secretary's office is located. The first session will be at 10 a. m. The business meeting will doubtless be completed by Thursday afternoon, in plenty of time for the Poland China banquet, which is to be held at the Transit House, Thursday night. Indications are that Poland China breeders will be present at the Record

sold like wild fire everywhere last year—its first year on the market. So much so that we were returning orders every day, unable to supply enough machines.

Indications are that we will have even a bigger trade this year, and that we will have to refuse many orders in the rush of the season.

But—to all who send us advance orders we guarantee to make shipment at time requested, until further notice.

in an agricultural implement.

Front truck takes the weight of frame and controls movement of harrow. Double levers make easy handling.

Doing away with the Tongue does away with all side draft—all neck weight—all crowding of team in short turns. Saves horses and turns quicker on the corner. Ball bearings take the end thrust.

Other specifications and points of superiority fully explained in our free catalog.

Write us a postal today and get full information in regard to this wonderful new Harrow. Address



Let Us Quote You a Special Price on the Detroit Tongueless Disc Harrow

We sell direct to the user. We'll save you all the middleman's profits.

Our Harrows are not for sale by Dealers anywhere. Be sure to remember that. No dealer can sell you a Detroit Tongueless Disc Harrow.

We Allow 30 Days Field Test FREE

on every Harrow to prove that they are exactly as represented.

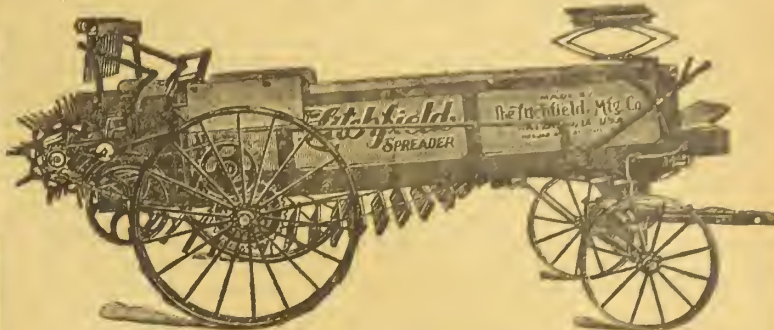
We pay all freight to your station. Write at once for our FREE hook and other valuable information.

Let us quote you a price on this Harrow. We give extra dating on advance orders.

The Detroit TONGUELESS Disc Harrow is the most valuable improvement of the age

American Harrow Co., 143 Hastings St., Detroit, Mich.

OUR GUARANTEE



The Value of a Five Year Contract.

THE WORD "guarantee" has been so much abused and so many times misused that the actual meaning of this naturally strong word is oftentimes questionable.

The lawful meaning of the word "guarantee" is, that the person or persons issuing such a guarantee become parties to a contract along with the parties receiving the guarantee and, included in this also, is the third person or the thing which is guaranteed and which becomes a part of the contract. When the Litchfield Spreader is guaranteed for five years against all flaws and defects either in workmanship, material or construction, this means something and becomes part of the value of this modern spreader. This is evidenced by an order from one of our customers the other day who specified that the machine should have our new style three-horse hitch and our five-year guarantee.

We are also reminded of a nice little poem sent us by one of our German customers over in Illinois, expressing his satisfaction of the Litchfield Spreader in rhyme, four lines of which we give:

"Don't I 'spread it' on dot Spreader!
Nottings like it you won't see.
It has got der 'Litchfield' name on
Und der Five Year Guarantee."

We certainly do not wish to sell the Litchfield Spreader on our guarantee alone, but we do want our customers to understand that a guarantee such as we give, has a value, a very emphatic value, and that if we did not have the quality in the Litchfield Spreader from the very vitals to every tip and point of the machine, we could not sell these spreaders to everybody and anybody under a contract of this kind. We don't ask our customers to pay us one dollar for our guarantee. It is simply given to show our trade that we stand firmly behind this, our 1907 Machine. This guarantee is not based on hopes for the future, but its foundation is on the record of this machine covering the past five years.

We explained in our last advertisement how we back up what we advertise to do and, in our next article, we hope to give you information that will be interesting.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

meeting from every prominent Poland China state in the country. It appears that breeders are very much interested in this, the first meeting of the American Record under its new charter. Those who attend will not only get the benefit of the very low railroad rates which will prevail during the stock show, but will find many other things of interest besides the Record meeting.

Owing to the change in the charter, which has been made since the last meeting of the Record at Cedar Rapids, in February, it will be necessary to elect a full board of directors, as there will be no "hold over" members on the board. This, in connection with the election of the other officers, makes the meeting a very important one. It seems practically certain that there will be a very large attendance of breeders from all parts of the country, and those interested in Poland China breeding will certainly want to attend this meeting and identify themselves with what will doubtless be the first meeting of Poland China breeders, thoroughly national in its character, that has ever been held.

A cordial invitation is extended to all Poland China breeders, whether members of the American Record or not, to attend this meeting and the banquet. Those not members of the Record will be supplied with the regular notice and the program in regard to the meeting and the banquet, if they will address

W. M. McFadden, Sec'y.,
Union Stock Yards, Chicago, Ill.

Handling Pigs in Cold Weather.

To the Editor of The Homestead:

I was much interested in the article which recently appeared in your paper relating to the matter of raising early pigs. There was considerable loss in this locality last spring, and the trouble was due to the fact that milk was scarce and many young pigs were improperly nourished. Cold, damp, cloudy weather also prevailed for several weeks at a time when the early pigs came. Pigs seem to need plenty of sunshine. Their bedding should be freely renewed from time to time, and it should never be allowed to remain until it is damp. More bedding is required on cement than on other floors. One reason why early fall pigs do so much better than early spring pigs is that sows are usually on grass and this has a beneficial effect working through the sow on the young pigs.

Where men expect to breed for early litters in the spring they should have a supply of clover or alfalfa to feed before the sows farrow. Give plenty of warm slop in the winter and do not allow the sows to become too fat. They should be given plenty of water, but never water that is down to freezing point.

A. B. Dwigans.
Benton County, Iowa.

Send Us Your Subscription Today.

Five excellent newspapers and magazines for \$1.25 a year—supplying your home with news, literature, agricultural information, market reports, entertainment and general instruction all the year round. If already a subscriber for one or all, your time will be extended for one year. All these for \$1.25:

The Chicago Weekly Inter Ocean, a grand general newspaper for the family—all the week's news, reliable market reports, a wealth of prose and poetical miscellany, departments for women and children, something for each member of the household.

The Kansas City Weekly Star, an able, fearless, independent newspaper, filled with information and entertainment, containing much that you cannot find in any other paper.

The Homestead, the greatest farm paper in the world, reaching more than double the number of paid subscribers taking any other weekly agricultural paper in its field, having departments covering every interest of the farm; edited by actual farmers and numbering among its contributors a larger number of successful farmers, breeders and experiment station workers than any other farm paper.

The Homemaker, a delightful monthly of entertainment and instruction for the women folk of the farm; something to brighten the lives of your wife and children.

The Farm Gazette, the most beautiful farm magazine in the world; elegant illustrations, printed on fine paper; cover in five colors; reading matter both helpful and entertaining.

Send us \$1.25 today, stating whether your subscription is a new one or a renewal. Address, The Homestead Co., Des Moines, Iowa.

Home Music.

There should be an organ in every home. Its influence for good is felt in the entire community. The children will stay home nights and sing the old familiar songs instead of running around. The older folks will enjoy the sweet music equally well. Write the W. W. Kimball Company, 108 Kimball Hall, Chicago, today for their special offer on the genuine Kimball Organs, comprising free trial and wholesale prices on convenient terms.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should have them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

CHattel MORTGAGE—WAGES.

Mr. David Moore, Bloomfield, Iowa.—A gave a chattel mortgage in June, 1905. Would a claim against him for wages earned in the summer of 1906 come in ahead of said mortgage?

Answer.—It would not, provided the chattel mortgage was properly recorded.

INHERITANCE IN WISCONSIN.

A Subscriber, Whitewater, Wis.—A husband and wife in Wisconsin have no children. The wife has no brothers or sisters. The husband owns property in his own name. The wife also has property in her name. (1) If the husband should die first, who would be entitled to his property? (2) If the wife should die first, who would be entitled to her property?

Answer.—(1) His widow. (2) The surviving husband.

PATENT RIGHT.

Mr. U. C. Lane, Prophetstown, Ill.—Has a person a legal right to make and use a patented article, provided he does not try to sell the same?

Answer.—He has not. In such a case, he would be liable for damages to the person who holds the patent right, and also liable to injunction proceedings to restrain him from making or using the article.

ELECTION PRECINCT.

A Reader, Cantril, Iowa.—The town of Cantril is in Jackson township. The east part of it borders on the west line of Des Moines township. Four voters in Des Moines township have been taken into the town corporation. Where is the lawful voting place of these four voters at a general election?

Answer.—At the polling place in the election precinct where they reside. See Section 1090 of the Iowa Code, page 408.

LEASE—NOTICE TO QUIT.

A Subscriber, Platte county, Neb.—(1) A rented a farm to B for one year. The contract was signed at the end of March, 1906. At what time in the spring can B be compelled to leave the premises? (2) Is it necessary for A to notify B in writing or otherwise, to quit?

Answer.—(1) At the end of the year, of course. If the time of expiration of the tenancy is not specifically stated, but it is merely stated that the period of the lease is one year, the time of expiration or end of the year would be one year after the time the contract was signed. (2) It is not necessary for A to notify B to quit in order to terminate the tenancy, but if B refuses to

leave at expiration of his term, and A wishes to put him off by a suit for forcible detainer, he must give him three days' notice in writing to quit.

LEASING CONTRACT.

A Subscriber, Estelline, S. D.—One year ago I rented a farm for the year 1906 on shares, and took possession on October 25, 1905. The contract was not in writing. The usual time for moving here is in the fall of the year, but not always. When do I have to give up the place, or move off?

Answer.—It makes no particular difference whether the contract was in writing or not. The main question is, what was the contract? If it was for one year from October 25, 1905, then you should give up the place on October 25, 1906. If it was only for the crop season, then your time expires when the crop is harvested, or when it should be harvested.

BRUSH AND WEEDS ON ROAD.

A subscriber, Oxford, Iowa.—Our land is inclined to produce brush, such as hazel, sumac, thorn, wild plum, cherry and the like. These grow along the sides of the road eight or ten feet high in some places. Since the law was changed we pay our road tax at the court house, and do not work it out on the road. The township trustees have ordered us to cut away the brush on our side of the road and threaten if we fail to do so, that they will have it done at our expense. Can they do so? Does the law require a man to mow or cut the weeds on the roadside adjoining his farm?

Answer.—They cannot. It is not made the duty of a land owner, by law, to cut brush or weeds growing in the roadway. That is the duty of the road supervisors (superintendents). See Supplement to Code, page 164, Section 1562a.

CONSTRUCTION OF LEASE.

A Subscriber, Kalona, Iowa.—A owns a farm in Iowa. He rented it to B for one year, with the privilege of two years if both parties were satisfied at end of the first year. The term began March 1, 1906. The contract provided that A rented all his land excepting cow, horse and hog pastures, and that A was to receive as rent one-half the grain, straw, corn stalks, and hay. In May B told A that there was more land than he could handle, and requested A to rent it to someone. B told C about it, and rented some of the hay land to him, on the same terms he had rented it to B. In July C took from it a good crop of hay and later a crop of clover seed was taken from it. Who is entitled to the clover seed?

Answer.—Under the arrangement between A, B and C, as above set forth, A is entitled to one-half of the clover seed mentioned, and C is entitled to the other half.

FAILURE TO PAY RENT.

A Subscriber, Coffeyville, Kan.—D rented a house and five acres of land to C for twelve months for \$50, and C paid at the time \$25 and agreed to pay the other \$25 on the 1st of November, 1906. C does not want to pay D the other \$25, but wants to stay on the place till March 1, 1907. (1) Can he lawfully do so? (2) What kind of notice must D give to C in order to put him off the place?

Answer.—(1) He cannot. (2) If C does not pay the \$25 when he agreed to do so, on November 1st, D should serve a written notice on him to quit within ten days and such notice will terminate the lease, unless C pays the money within that time. If he does not do so, then D should serve a three-days' written notice to quit, and if C still remains, D should bring a suit of forcible detention against him before a justice of the peace, and have him forcibly but lawfully put off the place.

SLEEPING ON RIGHTS.

A Subscriber, Whiting, Kan.—About nineteen years ago my father died, leaving 160 acres of land to his heirs, consisting of mother, sister and myself. Mother was appointed administrator of father's estate. A short time afterwards she mortgaged her undivided share of the land. Soon after this she moved away and gave no more attention to any of the land. The land was all sold afterwards, presumably to satisfy the mortgage given by my mother. All this happened nearly nineteen years ago. My sister and I are now of age, and we wish to get our share of the land, or its equivalent in money. The administrator has never made any settlement. She claims that there was nothing to settle, as the mortgage had taken all of it. What proceedings must my sister and I take in order to get our rights?

Answer.—Your mother, the administrator, has no right whatever to sell the share of you and your sister in the land. The mortgage did not cover that at all, but only your mother's share. You should engage a competent lawyer to examine the records and bring suit against the present claimant if not too late. In Kansas, possession of land by an adverse occupant for more than fifteen years, which is actual, notorious, continuous and exclusive, will give title thereto, even if such possession is entirely destitute of color of title. This may bar you. If you had stated the ages of your sister and yourself, I could have told you whether or not it is too late. See a good lawyer.

CITY TICKET OFFICE, 512 WALNUT ST.
When you think about travelling call at City Ticket Office of the Minneapolis & St.

ROOFING

requirements, so far as weather is concerned, are always the same, whether the material is intended for an immense business building or a structure on the farm. The roofing must be sun-proof, water-proof, and fire-resisting. It must be strong and elastic to resist expansion and contraction. There can be no avoiding these issues.

RUBEROID

(REGISTERED U. S. PATENT OFFICE.)

was the first and is today the only roofing made which combines all these qualities. It contains no tar or paper; will not melt or rot. Saturated and coated with Ruberoid Water-proof Compound. Absolutely weather-proof. Burning brands or flying sparks will not ignite it. It has proved its elasticity by enduring torsional strains for years. These are all statements we can prove if you will write to us. Send for samples and Booklet "L."

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1856—Sandwich—1906
Corn Shellers

The standard the world over for 50 years. Now in use in every corn growing section of this country.

The Sandwich is the result of improved facilities of manufacture, latest and best design, the best procurable material, superior workmanship, and ripest experience.

The result is that well known superiority which has made the Sandwich so justly famous.

We make them in all sizes and styles and capacities—mounted and down, helted and geared.

Farmers should insist on having their corn shelled with the Sandwich because it shells fast, saves time and the head of the "gang."

They shell clean and they clean the corn they shell clean.

SANDWICH MANUFACTURING COMPANY, 143 Main Street, Sandwich, Ill.

BRANCHES: Council Bluffs, Ia. Kansas City, Mo. Peoria, Ill. Cedar Rapids, Ia.



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Baker
BuiltSOLD DIRECT from FACTORY at
WHOLESALE PRICE

We save you from \$15 to \$40 when we sell you a Hand-Made Steel Range direct from our factory at our low wholesale price, besides we give you the best range on the market. The Tolman Steel Range is the "best baker built," is very economical in fuel consumption, constructed of the best materials money can buy and will give you splendid satisfaction and years of service. We ship any style range we make on a strong, binding ten year guarantee and give you one year free decision trial. We prove to you in your own home, at our risk, by actual test, that Tolman Ranges are superior to any range made, and that our way of selling direct at wholesale prices actually saves you money. Don't buy until you get our complete catalog of stoves and ranges. A moment's time and a postal card will bring it to you and save you money. Write for it today—ask for catalog "G."

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7730 Woodlawn Ave., Chicago, Ill.

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TRAPS

The NEWHOUSE TRAP is the best in the world. It is a perfect machine. Hand-fitted! Thoroughly Inspected and tested!

The VICTOR TRAP is the only reliable low-priced trap. Don't buy cheap imitations. Be sure the Trap Pan reads as follows:



ASK ANY TRAPPER

THE TRAPPER'S GUIDE

Send 25 cents for the Newhouse TRAPPER'S GUIDE. Tells best method of trapping and skinning game. Send to Dept. A, 23 Oneida Community, Ltd., Oneida, N. Y.

HUNTER-TRADER-TRAPPER

The only MAGAZINE devoted to the interests of the trapper. Send 10 cents for copy. A. R. HARDING PUB. CO., Columbus, Ohio

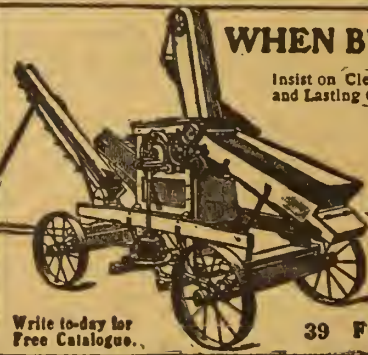
WHEN BUYING A CORN SHELLER

Insist on Clean Shelling, Thorough Separation, Large Capacity and Lasting Qualities. These are Distinctive Features of

The NEW HERO

2-hole and 4-hole Custom and 2-hole Farmers' Positive Force-Feed Shellers

They have Chilled Working Parts and other points of strength and convenience. We make Horse Powers, Wood Saws, Huskers, Farm Trucks, Manure Spreaders, etc. We guarantee our Goodhue Wind Mills for five years.



Write to-day for Free Catalogue.

APPLETON MFG. CO.,

39 Fargo Street

Batavia, Ill., U. S. A.

GRAIN FREEMAN BROS. & CO., HAY

COMMISSION MERCHANTS,
Established 1886, 66 Board of Trade, Chicago.
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

Louis R. R. (In with the Wahash), at 512 Walnut St., where you will secure the best and latest information. Don't forget the M. & St. L. sells through tickets via St. Paul, over the Northern Pacific, Great Northern, Soo Line, as well as all northern routes. Trains leave Union Station, Des Moines, 8:15 a. m. except Sunday, and 9:05 p. m. daily. Solid through trains to Twin Cities. We are the SHORT Line to Minneapolis. Cafe car on morning train, serves dinner and supper. Night train has new electric lighted sleepers. All cars nice and comfortable. W.

K. Adams, D. P. A., D. B. Ransburg, C. P. A., Des Moines, Iowa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized home-seeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

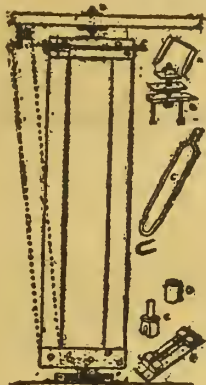
Mr. Argus M. Spencer, of Delaware county, Iowa, writes: "I have come to the conclusion that the ordinary rigid stanchion is not the embodiment of comfort desired by the dairyman, and having in mind a change to something of a swinging nature, I wish you would give through your hints and devices department some designs for swinging stanchions so I may profit by the ideas they give." Mr. F. G. Simple, gives the following description of his stanchion in the Farm and Fireside: "I send you herewith a sketch and description of a stanchion which we used in our stables with much satisfaction. We have used both chains and the old stationary stanchions, and have seen some of the modern patented cattle ties, but consider this stanchion superior to any of them. With this stanchion the cows are given sufficient freedom without undue liberty.

They can turn around to liek themselves, yet cannot get back on the walk or ahead in the manger. Figure 1 shows the stanchion closed. Figure 2 shows it open. The two sides are made of hard wood four feet long, one and one-fourth inches thick and two and one-half inches wide. The end pieces are also of hard wood, and are one foot long by three and one-half inches square, and are mortised to receive the sides as shown in Figure 3. The sides are fastened to the ends with bolts, one side on bolt as X, and being held when closed by clevis C. Eyebolts are affixed at each end, to which short chains are fastened, and by which the stanchion is suspended. The whole stanchion, including bolts, labor, etc., should not cost more than sixty or seventy-five cents, and may be made for even less than that amount."

Here is a simple idea for building and maintaining a salt box to be attached to the fence in the pasture where stock can have access to it. It has the disadvantage, perhaps, of being somewhat exposed to the weather, nevertheless, says the Prairie Farmer. Two pieces of plank are cut as indicated by the side of the box. These are placed about eight inches apart and nailed to two end pieces, the rear end of the box being cut so as to give about six inches of projection. The idea is that when the framed end is placed between two fence boards the pieces A and C can be nailed on securely and thus hold the box in place. Obviously the fence boards will pass through the portions between A and B at both top and bottom. This box will give better satisfaction when placed under cover where it will be out of the way of storms. It can also be used in a pasture where a mare and colt are kept and can be used for feeding the mare a little grain while in the pasture.

Another design for making a swinging stanchion is illustrated and described as follows, from the Live Stock Report: "The stanchion sticks are made of strong 2x4's, five and one-half feet long. The blocks at the bottom and top in which

the stanchion works are scant 6x6 and about ten or eleven inches, according to the size of the animal's neck. On the top of the head block, plate B is fastened with a five-eighths bolt which passes from the under side of this plate up through the 2x6 that runs the entire length of the stable to hold all the stanchions in position. The long iron yoke C, which is made of three-eighths iron, is fastened with a staple to the top of the moveable stanchion. The stanchion is opened by raising this yoke which permits it to swing back until the yoke strikes the bolt as shown by dotted line in cut. A commendable feature of this stanchion is that it swings when closed and is rigid when open. As the stanchion swings back it falls into a sort of a clevis, A, which makes the entire stanchion stationary, and prevents the cattle putting their heads into the wrong place, or getting through into the manger. The bottom of the stanchion works on a swivel similar to the top. A two-inch hole is bored in the middle of the under side of



the foot block D into which a short three-quarter-inch piece of gas pipe is inserted. Iron F can be either cast or made of strap iron and is fastened to the floor. On this the V end of the swivel iron E rides, which gives the sidewise motion to the lower part of the stanchion. The upper end of this swivel iron passes into the socket D in the under side of the foot block to give it a swinging motion. All the material for making these stanchions can be obtained at a lumber yard and blacksmith shop, and the work can be done by a blacksmith and carpenter; however, if there were a foundry in the neighborhood it would be best that the foot irons be cast instead of being made or pounded out of strap iron.

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Van Patten Duroc Sale.

The Gilbert Van Patten sale held at Sutton, Neb., during the latter part of October, resulted in an average of \$84 on twenty-three head sold. The top price of the sale was \$320, paid by Mr. H. G. Warren, of inland, Neb., on a Billi K. gilt out of Miss Martin 1st by Martin Prince. The top boar brought \$300 and was purchased by Mr. C. H. Raymaker, of Prairie View, Kan. The following is a list of the animals sold:

No.		Price.
1.	by Beauty Wilkes, dam Lulo Girl by Van's Perfection; C. H. Raymaker, Prairie View, Kan.	\$300
2.	by Beauty Wilkes, dam Lulo Girl by Van's Perfection; H. F. Roberts, Hebron, Neb.	205
3.	by Beauty Wilkes, dam Lulo Girl by Van's Perfection; C. Stahl, Grafton, Neb.	30
4.	by Beauty Wilkes, dam Lulo Girl by Van's Perfection; S. Benson, Saronville, Neb.	25
5.	by Billi K., dam Daisy Maid by Reed's Banker; G. A. Redegar, Milford, Neb.	75
6.	by Billi K., dam Daisy Maid by Reed's Banker; H. F. Goeke, Beaver Crossing, Neb.	40
7.	by Billi K., dam Daisy Maid by Reed's Banker; H. G. Warren, inland, Neb.	40
9.	by Beauty Wilkes, dam Betsy Maid by Billi K.; John Davis & Son, Milford, Neb.	75
12.	by Billi K., dam Lady Maid by Van's Perfection; H. F. Roberts.	50
15.	by Billi K., dam Miss Advance by Advance; Fay Bros., Bradshaw, Neb.	45
16.	by Billi K., dam Miss Advance by Advance; E. V. Smead, Kearney, Neb.	50
18.	by Billi K., dam Bessie 1st by Improver 2d; C. Anderson, Saronville, Neb.	26
20.	by Billi K., dam Bessie 1st by Improver 2d; F. Wilson, Bertrand, Neb.	30
21.	by Belle's Model, dam Rose Improved by Improver 2d; C. McCarthy, Henderson, Neb.	35
26.	by Beauty Wilkes, dam Nancy J. by Van's Perfection; P. G. Hallberg, Axtell, Neb.	50
27.	by Beauty Wilkes, dam Nancy J. by Van's Perfection; H. Trautman, Grafton, Neb.	35
34.	by Billi K., dam Miss Morton by Morton Prince; H. G. Warren.	320
35.	by Billi K., dam Miss Morton by Morton Prince; Bert Finch, Prairie View, Kan.	130
36.	by Billi K., dam Miss Morton by Morton Prince; Arch Brown & Son, Waterloo, Neb.	75
37.	by Billi K., dam Miss Morton by Morton Prince; W. M. Putman, Te-	

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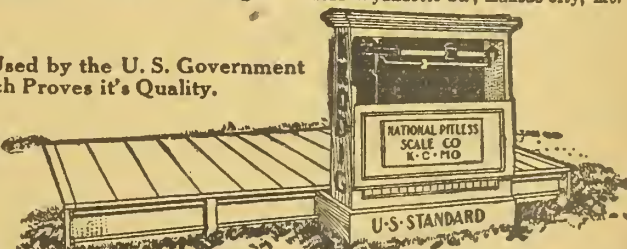
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that are commonest, Curb, Spavin, Ringbone, Splint, Lameness, for all these Kendall's Spavin Cure has never known an equal.

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Our reputation and name is too favorably known to make promises we cannot fulfill. We effect life long cures in **NERVOUS DEBILITY or LOST VITALITY**, whether due to habits, excesses or overwork. **VITAL WEAKNESS, VARICOSE or ENLARGED VEINS, RUPTURE, BLOOD POISON, SKIN DISEASES, PROSTATE, STRICTURE, URETHRAL, KIDNEY and BLADDER** diseases cured to stay cured. **COME AND SEE US AND RECEIVE OUR LEGAL GUARANTEE TO CURE OR NO PAY.** Reference, any bank or newspaper in Des Moines. Examination free. Write for free book if you cannot call.

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will clean them off without laying the horse up. No blister, no hair gone. \$2.00 per bottle, delivered. Book 8-C free. **ABSORBINE, JR.,** for mankind, \$1.00. Removes Sore Bunches, Cures Varicose Veins, Varicocele, Hydrocele, Ruptured Muscles or Ligaments, Enlarged Glands, Allays Pain. Mfg. only by

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SYMPTOMS AND TREATMENT.

LAME COW.

I have a six-year-old cow that is lame in the ankle of her right front leg. There is no sore; her leg is swollen above the joint several inches and below to the hoof, but it feels soft. It evidently gives her some pain, but more so when she first gets up. This trouble came about three months ago. What can I do for it?

Poultice swollen parts with any plastic dressing such as antiphlogistine, which you can buy at a drug store. When swelling and soreness subside, if lameness remains, blister the parts with cerate of cantharides.

HYSTERIA.

I have a black mare six years old that from two to four days prior to coming in season will kick at the least thing that touches her. While in season she is as gentle as can be, but when anything touches her she will urinate; for instance, while plowing, in turning corners, etc. I have tried to breed her to different horses, but she will fight and kick at a stallion at any time. Is there any cure for her?

The only feasible way of curing such a case would be to have her spayed by an expert veterinarian. If this cannot be done, try effects of two-dram doses of bromid of potash in water every four hours at time of irritation.

RING WORM.

What is the matter with my calves and what can I do to stop it? They have spots around the eyes and on the neck the size of half a dollar. The hair comes off and it looks like ring worms.

The disease is ringworm. Turn calves out of the barns and clean up, disinfect and whitewash the woodwork and walls. Treat the calves by scrubbing affected parts with soap and hot water; then scrape for removal of scales and scabs and when part is about ready to bleed, rub in a little iodine ointment and repeat the application every other day until well.

SCOURS.

Will you kindly tell me what to do for an eighteen-year-old mare that has had the scours all summer. I put her up and fed her dry feed, but it seems to have no effect. She has done no work all summer and is in fair condition. Mare is not with foal.

Have her teeth put in order by a veterinary dentist and see that all food is free from mold or taint. If you have a qualified veterinarian in your district, have him treat the case with Merck's Veterinary Tannoform. If this drug cannot be had, feed mare very lightly and three times daily give a tablespoonful of a mixture of equal parts powdered wood charcoal, ground ginger root, hydrastis canadensis and hyposulphite of soda.

SPLINT.

I have an iron gray pony six years old that I thought sprained her right front ankle last spring. I bathed it with warm water and put turpentine and lard on it, but the swelling never went clear down. Her ankle is quite large and is swollen some clear to her knee. It feels hard and seems to be tender when you rub it. A small hard knot has just formed on the inside of her leg just below the knee. I think it is a splint. Her ankle and leg swell more when she is kept up. Do you think that the knot is a splint, and what is good for it? Can you tell me what is wrong with her ankle and leg?

There is inflammation of the periosteum (bone skin) of leg and possibly the joint may be involved. The splint is not probably doing much harm. Give the pony perfect rest and poultice the ankle with a plastic dressing such as antiphlogistine, and when all soreness subsides blister with cerate of cantharides after removal of hair.



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Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes—Boog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be limited. Easy to use, only a little required, and your money back if it ever fails.

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If your dealer doesn't keep it, I'll send you a GALLON—prepaying freight east of the Rockies. One gallon diluted with water makes 100 GALLONS. You try it. In 30 days, if it is worth \$1.50, send me the money. If it doesn't do the work, I'll take it back and wipe out the charge. **Chloro-Naptholeum Dip** has saved thousands of dollars to farmers. Write today.

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gistine, and when all soreness subsides blister with cerate of cantharides after removal of hair.

SCAR.

I have a three-year-old colt that got cut in a barb wire fence some four weeks ago. The cut was just below the fetlock of the front foot and was about four inches long and two inches deep. It is now healed up nicely and there is no swelling left. Can I get any remedy to grow hair on the scar?

No medicine will cause hair to grow upon the scar as the hair roots have been destroyed. The only way of removing the blemish would be to cut out the scar and bring the edges of the new wound together by stitching, in which case healing might take place by "first intention," which would leave no scar behind. It would require the skill of a surgeon to accomplish this result.

WEAK STIFLE.

A five-year-old horse of mine became lame in the stifle about three months ago. One morning I went to feed and the leg was stiff. I pushed him over and I heard something give a snap; then he stepped up all right, but has been a little lame since. There is no swelling.

The patella of the stifle joint slipped out of place and you heard it snap back when the horse was moved. The muscles and ligaments of the joint are weak and should be strengthened by repeated blistering or by stimulating liniment rubbed in once daily. A liniment composed of one ounce each of aqua ammonia and turpentine with four ounces of druggist's soap liniment and water to make a pint should prove beneficial, but if the horse can be rested for a couple of months, we would prefer to use the blister. Use the blister prescribed in answer under heading of "Injured Hock Joint."

TETANUS.

Two fat shoats ten days ago acted like they were choked, breathed through nose and mouth with great difficulty. They lay on their stomachs as they could not breathe lying on one side. Soon their jaws set tight. They could suck a little water between their teeth, but milk would nearly strangle them. I rubbed turpentine on their throats, as it hurt them to swallow. They walked around as usual, only they seemed a little stiff. They died, and on cutting open throat could find nothing wrong. Another lean shoat was similarly affected, though not so bad, and recovered. They are following steers that are fed on fodder. Is it possible a cockle bur out of the fodder caused the trouble?

The symptoms point to lock jaw (tetanus) but it is rare among hogs and would come from invasion of a wound with the germs of the disease. It is of course possible that some other cause of spasm locking mouth might have been present, but without an examination at the time we could not make a diagnosis other than the above. Hypodermic injections of tetanus antitoxin given by a veterinarian would be about the only beneficial treatment in this disease, and there would at best be little chance of saving the patients. An acute throat trouble to which hogs are prone would cause the other symptoms mentioned, but we have not seen lock jaw in such a disease. On general principles, we would advise you to use disinfectants freely and keep the hogs away from the cattle in clean quarters and feed upon easily-digested slop.

INJURED HOCK JOINT.

I have a horse that was cut on the wire six weeks ago and his hock joint is swollen and running some. It has been opened and has also been blistered, but is still swollen.

Clip hair from joint and wash thoroughly with a 2-per-cent solution of coal tar disinfectant; then inject into each discharging place a little of an emulsion of one dram of iodoform in an ounce of sulphuric ether. Repeat the injection twice daily and blister the joint repeatedly at intervals of three weeks, using a mixture of one dram of biniodid of mercury and two ounces of cerate of

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This is the best apron pattern ever offered and it is something every lady needs. You cannot fail to be pleased with this one and all new subscribers to the

People's Popular Monthly will receive one free. This is a prize pattern. Takes 1 1/2 yds. of material one yard wide. Only 3 buttons. Small, medium and large size. THE PEOPLE'S POPULAR MONTHLY is a fine, 24-page beautifully illustrated home magazine for women and girls, filled with bright, interesting stories and well edited departments on Fancy Work, Home Dress-making, Cooking, Flowers, Chats with Girls, etc. It is being improved with every issue and is now one of the most "popular" story papers published. It would be cheap at 50c a year, but in order to introduce our magazine to new readers we send THE PEOPLE'S POPULAR MONTHLY a full year and the apron pattern for only 25c. Address,

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A LIGHT, compact and perfect sewing machine. Will do all kinds of sewing. Send \$3.50, or if you want a better description of this machine, write to the

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AGENTS \$50. WANTED

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cantharides. The swelling in such cases is often found impossible to remove completely.

It is one thing to "guarantee," and another thing to guarantee, as will be seen by reading the continued story of the Litchfield Mfg. Co., on page 5.

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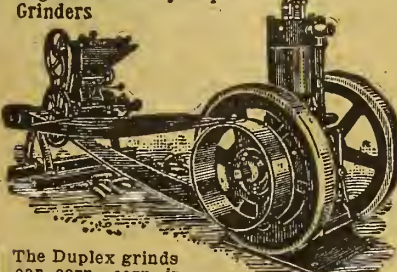
24.95 BUYS THE MODEL K GENUINE ECONOMY HAND CREAM SEPARATOR, 400 POUNDS PER HOUR CAPACITY,

the best Separator made in the world, a regular \$100.00 machine, and offered on 60 days free trial. For a limited time, until our surplus machines are sold, we offer this big 400 pounds per hour capacity new improved Model K Economy Hand Cream Separator, guaranteed to skim closer, skim colder milk, run easier, clean easier and handle better than any other separator made, regardless of name or price, and offered for a free 60 days trial on your own farm. In our Free Cream Separator Catalogue we show large illustrations and complete descriptions of this wonderful Economy Cream Separator, all working parts, full explanation of our free trial plan, our liberal terms and payment conditions; also illustrations and descriptions of our entire line of cream separators, the very best made in the world and sold on our free trial plan at one-third the prices charged by others. Don't fail to write to day for our Big Free Special Cream Separator Catalogue, the greatest cream separator book ever printed; full of most valuable information for every farmer; showing why our cream separators are the very best made in the world; why we can make such wonderfully low prices; pictures of our cream separator factories; our 1,000,000 in gold challenge to every separator manufacturer and our wonderful Profit Sharing Plan, by which you get valuable goods free if you buy from us; everything is explained in this Free Separator Catalogue. Every separator is covered by our written binding 20-year guarantee, guaranteed to reach you in perfect condition, freight charges to be very little, and we agree to furnish you repairs in the years to come. Don't wait until next spring and then pay \$75.00 or \$100.00 for an inferior machine. Our offer of only \$24.95 for this genuine "Improved" Economy Cream Separator, 400 pounds per hour capacity, a regular \$100.00 machine, is good only until our stock is reduced; so don't delay. Write for our Free Cream Separator Catalogue for a complete description of this marvelous separator bargain. Simply write us a letter or a postal card and ask for our Free Cream Separator Offer, mention this paper, and our very latest Special Cream Separator Catalogue showing everything, the most valuable Cream Separator Book ever published, will be sent to you immediately by return mail, free and postpaid. Don't fail to write for this Cream Separator Offer at once and learn about this big bargain! The highest grade big capacity machine for only \$24.95. Address,

SEARS, ROEBUCK & CO., CHICAGO.

THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kaffir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.
DEPT. H, IOWA CITY, IOWA.

Better Than Ever

No matter what separator you are now using—No matter what separator you are thinking of buying—No matter how you now handle your milk—you ought to examine the

Improved Frictionless EMPIRE Cream Separator

It won't take you long to see its good points—it's worth a whole lot to you in good hard money to find the separator that turns easier, is more simple in construction and does better work than any other. All we ask is that you investigate. Send today for catalog and valuable dairy books.

Empire Cream Separator Co., Bloomfield, N. J.—Chicago, Ill.



GLOBE TANNING & MFG. CO.
222 S. E. 1st St. Des Moines, Ia.

WE ARE TANNERS of all kinds of hides, both with hair on and off. MAKE COATS AND ROBES. Send us your cattle and horse hides. Write for shipping tags and booklet.

Jacob Bayer and J. A. Smith, Props.

WANTED--A BRIGHT MAN with light salesmen in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Ten Co., Box X, Winona, Minnesota.

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

SACSMEN WANTED to introduce Burbank's Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.

BE business-like. Own a Fountain Pen. 30 cents buys one postpaid, and satisfaction guaranteed. Send now. Dept. K, F. P. Agency, Ames, Iowa.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

BUTTER FAT CONTENT AND BUTTER YIELD.

The following communication has been received from a subscriber at Tabor, Ia.:

We are at the present time using one of the standard makes of separators and we sell our cream. The creamery company pays on the basis of the butter fat and do the testing themselves. We are not always satisfied with the test, as we think our cream is richer than it sometimes appears to be. When we churn for ourselves we usually get over 50 per cent of butter, though the company's test runs from 36 to 41 per cent. Should not their test and the butter test agree, or nearly so? Would the small Babcock tester be practical in the hands of anyone who is not an expert?

We very much doubt if the creamery in this instance gives anything but a correct test. If cream tests 40 per cent of butter fat, one hundred pounds of cream would make from forty-five to forty-seven pounds of butter. The butter-fat content and butter yield of a given amount of cream are two very different things. In the churning, the butter fat incorporates anywhere from 12 to 16 per cent of water, about 1-13 or 1-12 per cent of curd material, and about 2 per cent of salt and ash. One hundred pounds of butter fat will make about 116, or 118 pounds of butter. The law does not allow more than 16 per cent of water in butter.

Even if allowance is made for this increase in the butter yield over the butter-fat content, there is liable to creep in another error. For example, if one is making his butter at home, he may incorporate, without any intention to do so, an illegal percentage of moisture, and yet if the butter is consumed in the home, no one will be the wiser. It is not a difficult matter to incorporate 18 per cent of water in butter, which of course would make an overrun of churn earnings of practically 20 per cent or better.

The Babcock test is simple in every respect and can be run and run accurately, or at least be made to do accurate work by a non-expert. It may be used in keeping tab on the individual cows at home, as well as testing the cream, and should be found on every farm where five or ten cows are kept.

Winter or Summer Dairying.

To the Editor of The Homestead:

My experience has convinced me that winter dairying is much more profitable than summer dairying. In practicing winter dairying we have dairying all the year around, provided we feed and care for our herd as we should during the winter. I like to have the cows come fresh sometime between October and January 1st. Then, with plenty of good corn silage fed twice a day and good clover hay once a day, with bran, gluten or some other protein feed, according to the price, allowing the cow to be the judge as to the amount she will digest properly, we can look her in the eye and say, "You pay for your board or you will go to the butcher." If she is a good dairy cow she will comply with the request every day through the winter, will go onto grass in good shape and will do nearly as well through the summer as a cow that is fresh in the spring. She will take her yearly vacation in the

fall when the pastures are dry, while her spring sister will shrink in her milk.

Then a dairyman has more time to take care of his calves during the winter than in the summer, with good, light, comfortable quarters they will do better than in summer. By spring the calves will be ready to go onto grass and can stand the hot sun and flies better than young calves, and you can have the skimmed milk for your pigs instead. Whenever the cows are fresh, feed them so as to keep them doing their best. Do not think you can let them shrink in their milk a week or a month and then have them make up for lost time, for they will not do it. They must do their work every day or they will run their owner in debt.

There is nothing like the silage to keep the dairy cow's appetite on edge throughout the long winter period. It also keeps her system in good condition, which is a very important matter, and gives her a good relish for her feed. In fact, silage well made can be fed in the summer to great advantage, as we have demonstrated in our own work. The dairyman who proposes to maintain the milk flow of his herd will find either soiling crops or silage a necessity during dry summers, for even on the best managed farms the grass if utilized to best advantage will become dry and short from one to three months, depending on the season. A well built, permanent silo can be put up for about \$1.50 per ton capacity; that is, a cost of \$300 for a silo that will hold 200 tons of feed. This amount of feed will supply twenty cows with all the silage they should have, even if they are big cows and fed all the year round.

If the farmer were to build a barn that will hold hay for twenty cows, even for a winter, can he build it for \$300? Not at all. He would have to invest very much more than that sum in a barn to hold the hay for that number of cows. So we see that silage is the cheapest thing possible to feed if we are to consider the cost of the structure that contains it. The farmer who intends to largely increase the number of his cows will have to put hundreds of dollars into a barn structure if he intends to confine himself to the feeding of hay for roughage. It will be far easier for him to extend his stables and build a silo than to construct a stable sufficiently high to hold the hay.

When a man is freed from the necessity of providing for bulky feed he can then construct his stable with the object of getting cleanliness and light. He can build his stable long and low and secure a flood of light from three sides. His foundation does not have to be as heavy as it must be if it is to sustain a heavy superstructure. A silo is thus not expensive, and moreover it is a great factor in the development of dairying. It solves the problem as to how a dairyman can make a living on from fifty to 100 acres of land. That is going to be the great question in the not far distant future, for the farms are already being cut up into smaller ones. If any man doubts whether or not it will pay him to build a silo let him look into the cost and benefits by actually getting estimates on the cost of construction.

I make silage my main cow feed. I feed from thirty to forty pounds of silage per day, in proportion to the size of the cow. It is my intention that the cows have all they want and in the best condition. The silage ration is balanced with bran and clover and alfalfa hay. The bran is fed in proportion to the period of lactation of the cow, and as much as she will consume at a profit. I feed silage and bran the first thing in the morning, then do the milking and separating, then feed as much clover and alfalfa hay as the cows will clean up before noon. The same method is followed in the evening, feed hay the last thing at night. I do not depend on grass alone more than ninety days in the year. Then if I have any silage left over from winter I feed about twenty-five pounds per day. If I have no silage I plant a small plot of early corn in the spring and sow oats and peas. I begin feeding as soon as it will do, cutting from the field and hauling to the pasture each day. This is a more expensive way of feeding than the silage, but it is far better than to let the cow go hungry, for a hungry cow will not give milk.

No man is in a better position to build up his soil than a dairyman, if he uses wisely the forces at his command. You

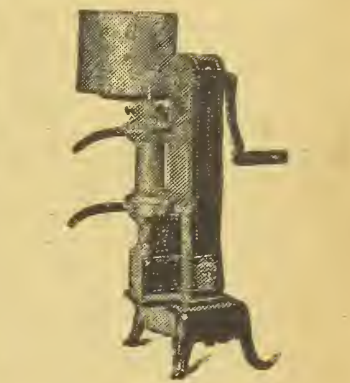
Lost Strayed or Stolen—One Cow

That is about what happens each year for the man who owns live cows and does not use a Tubular cream separator. He loses in cream more than the price of a good cow. The more cows he owns the greater the loss. This is a fact on which Agricultural Colleges, Dairy Experts and the best Dairy men all agree, and so do you if you use a Tubular. If not, it's high time you



did. You can't afford to lose the price of one or more cows each year—there's no reason why you should. Get a Tubular and get more and better cream out of the milk; save time and labor and have warm sweet skimmed milk for the calves. Don't buy some cheap rattle-trap thing called a separator; that won't do any good. You need a real skimmer that does perfect work, skims clean, thick or thin, hot or cold; runs easy; simple in construction; easily understood. That's the Tubular and there is but one Tubular, the Sharples Tubular. Don't you want our little book "Business Dairymen," and our Catalog A. 121 both free? A postal will bring them.

The Sharples Separator Co.
West Chester, Pa.
Toronto, Can. Chicago, Ill.



A Very Lame Excuse

Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

You prevent all this waste by using an

Iowa Dairy Separator

What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address,

The Iowa Dairy Separator Co.,
Waterloo, Iowa.

cannot afford to raise timothy, which impoverishes your soil, and buy high-priced fertilizers for your land. Raise legumes to replace your concentrates and add nitrogen and save both a fertilizer and a feed bill.

J. P. Fletcher.

If you have not been interested in the articles written so far by the Litchfield Mfg. Co., and which have been appearing weekly in The Homestead, just turn to page 5 this week and see how they analyze a very important question with the farmers and land owners in this country.

"CHEAPEST" CREAM SEPARATOR.

The really "cheap" cream separator, like all other machines, is the one which will perform your work in the most profitable and satisfactory manner, and last the greatest number of years. A cream separator which wears out in two years is worth only one-fifth of what the one is that lasts ten years.

DE LAVAL CREAM SEPARATORS

have proven to be capable of lasting from fifteen to twenty-five years. The very best of other separators at the most cannot last more than five or six years. The poorest ones become "junk" within a few months and represent simply a pure waste of money to buyers of such machines. "Cheapest" in first cost does not mean "cheapest" in the end, nor does the manufacturer's unenforceable guarantee mean that you are getting the most for your money. Low prices and extravagant guarantees are the capital stock of the "faker." Before buying a separator write for a **DE LAVAL** Catalogue of "durability" facts and reasons. It will cost you nothing to know the truth.

THE DE LAVAL SEPARATOR CO.
RANDOLPH & CANAL STS. CHICAGO
74 CORTLANDT ST. NEW YORK

POULTRY.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 10c postage. FRANK FOY, BOX D, DES MOINES, IOWA.

FOR SALE.

LIVE DEER, all ages, white swans, California quails, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, nuthatch, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. DEER LAKE PARK, Severy, Kan.

White Wyandottes.

BIG cut on eggs for June and July. \$1.25 per sitting of 15. All classes, \$5 per hundred. FOREST HOME POULTRY FARM, Box 253, Audubon, Iowa.

FOR SALE.

HOUDAN cockerels, Toulouse geese, Rouen ducks and Belgian hares. Prize winners. Write me describing what you want and get prices. Satisfaction guaranteed. C. N. GERARD, BRADFORD, ILLINOIS.

30 CHOICE

Single Comb White Leghorn Cockerels

All good ones and from the very best of stock. Address, JNO. C. MILLER, Harlan, Iowa

B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, Palo, Iowa

Barred Plymouth Rock Cockerels.

A GRAND lot for sale at \$1.00 each, of heavy bone and well barred in all sections. This is not half price for these birds, but they must go. Send us your order. SAMUEL BONE, L. Box 85, Montezuma, In.

SILVER LACED WYANDOTTES

Bronze Turkeys and Pekin Ducks. MODERATE prices for high-scoring stock. Vigorous, thrifty birds. Write for prices and description. J. D. SMITH, Route 3, Montezuma, Iowa

WHITE LEGHORNS.

I HAVE for sale 100 White Leghorn cockerels. These are extra fine birds and are of my special "Bred-to-lay strain." Price on all sold before Jan. 1st, \$1.50 each. After Jan. 1st, \$2.50. J. H. PIEPER, Leigh, Neb.

ROSE COMB AND SINGLE COMB BROWN Leghorns, White Plymouth Rocks, Silver Laced Hamburgs, Cornish Indian Game, 75 cents to \$1.00 each. Also White Pekin Ducks. Address Edw. Dooley, Selma, Iowa.

SILVER LACED WYANDOTTES. COCKERELS for sale, \$1.00 each. The best I ever grew. Buff turkeys. Wayside Farm, Mt. Vernon, Iowa

UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

WHITE Wyandotte cockerels for sale from birds scoring 94 and 96. These birds are farm raised. Write for prices. W. F. Kilpatrick, Harlan, Ia., R. 5.

OTTUMWA Poultry Yards. Light Brahmas exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

FANCY White Holland Turkeys. Partridge Cockerins hens; farm raised; \$15 per doz. Write for prices on show birds. Mrs. Floy Collins, Viola, Ia.

S. C. B. LEGHORNS. I have a limited number of fine cockerels and pullets that I will sell very reasonable if taken soon. J. P. Eskildsen, Lawler, Ia.

FOR SALE—Toulouse, Embden, White China geese, Pekin, Aylesbury, Muscovy, Cayuga ducks, Bronze turkeys. Exchange for Indian relics. Box H. Dawson Bros., Frankville, Wis.

150 SINGLE Comb Brown Leghorn cockerels, \$3 to \$10 per doz. Buff Cockerins Bantams, Indian Runner Ducks. Mrs. Will Michael, Selma, Iowa.

FOR SALE.

BUFF WYANDOTTE cockerels and Canary birds. John Huegerich, R. 2, Carroll, Iowa.

WHITE Wyandotte cockerels for sale. Pure bred. Prices low for quick buyers. Address Rose-lawn Farm, W. S. Gregory, Keota, Iowa.

BUFF ORPINGTONS and Buff Rock cockerels. Large, even colored birds, \$1.00 to \$1.50 this month. Mrs. G. R. Fuller, Rolfe, Iowa.

WHITE ROCKS—Scored cockerels and pullets \$1.50 each. Unscored cockerels, \$1.00. G. H. Blake, Route 2, Oelwein, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings. \$1.50 to \$3 each. Mrs. L. M. Estes, Audubon, Ia. Route 2.

DOGS.

AN EXTRA FINE BUNCH OF COLLIE PUPS from working parents. The kind that pays to raise. Pedigree furnished. Address, Leroy A. Hays, Rural Free Delivery No. 7, Knoxville, Iowa

THOROUGHBRED dogs, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATS! MY Scottish terriers will make them git. Very fine pups from recorded parents for sale. S. W. Harr, Riverside, Iowa.

SCOTCH Collie Shepherd dog, broken, sent on trial; 2 broken coon hounds, guaranteed; runt rabbits by day, coons by night. E. K. Rodgers, Montezuma, Ia.

FOR SALE—Fine registered Scotch Collie puppies, bred from trained parents; natural beelers; males \$6, females, \$5; guaranteed. A. H. Gerot, Riverside, Ia.

When writing please mention this paper.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

A Significant Item.

To the Editor of The Homestead:

In a recent issue of an exchange appears the following statement:

"Reports from all over the country show that there are fewer eggs in cold storage than there were at this time last year. This shortage is nearly 20 per cent in New York, 10 per cent in Boston, and nearly 15 per cent in Chicago. The consumption is enormous—in Boston above 10,000 cases more are required per month than last summer."

This means simply that the consumption is greater than the supply. The summer surplus is being exhausted, and the cold storage people are finding it impossible to obtain as many eggs as they need to fill their warehouses. Never has there been such scarcity since the development of the cold storage business. Surely the American hen is coming into her own.

But why this scarcity? There is no reason to believe that the egg-production of the country has fallen below the normal figures. There is another reason. It will be remembered that the unprecedented mildness of last winter kept the hens laying in such a fashion that speculators were forced to the wall and compelled to throw cold storage eggs on the market at seven cents per dozen, which, while it did not affect the price of the fresh article, put the cheap eggs within the reach of the poor people of the cities.

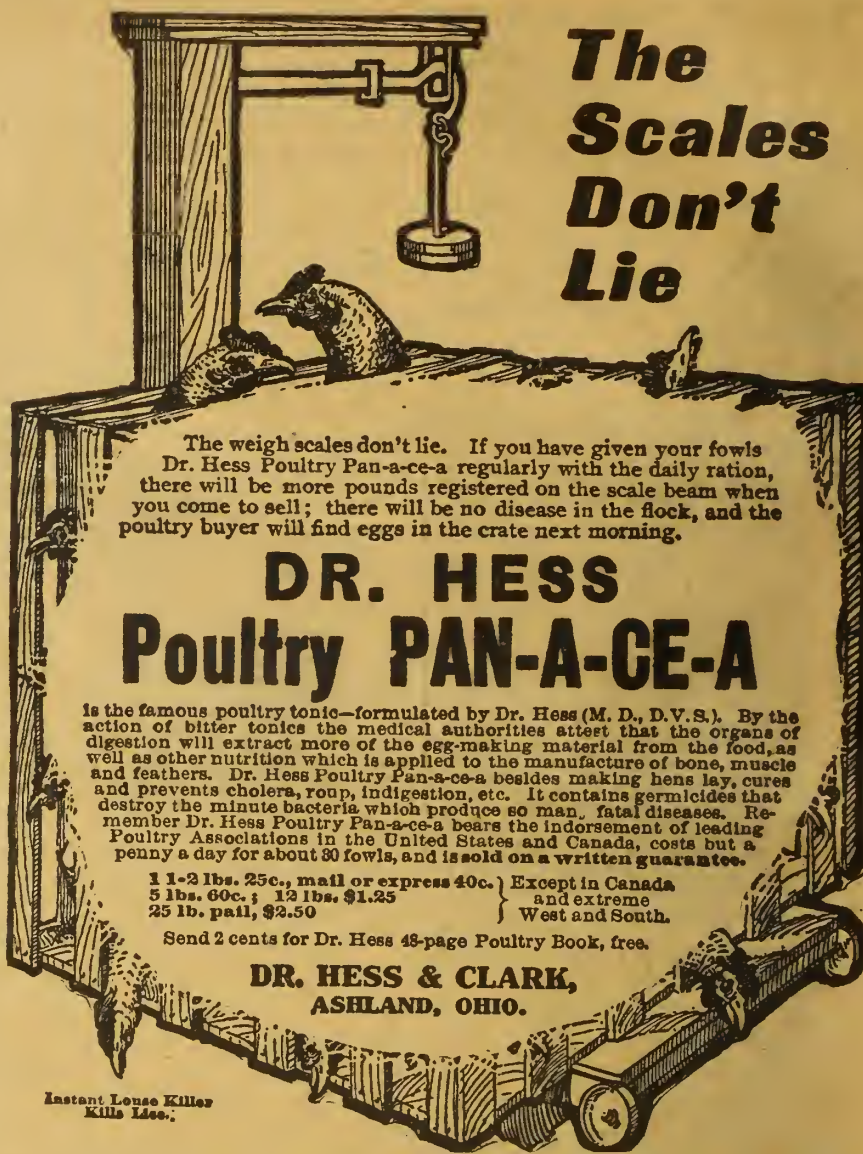
Eggs were so much cheaper than meat that they became an article of general consumption. Thus the egg-eating habit was formed, and when the cold storage supply was exhausted, they continued to buy eggs, finding to their surprise that not only were their families better nourished, but that even the higher priced eggs were cheaper than meat. Housewives noted the decreased grocery bills and found that a dozen eggs would offset two pounds of beef or pork. The absence of waste in eggs was another point in their favor. So we see the ill-fortune of the speculators has proved of great benefit to the poor people in our cities, and the educational campaign thus started, has caused the growing demand right through the summer months.

The conditions mentioned make the prospect for winter prices exceedingly bright. And the lesson appeals more forcibly to the farmers' wives and those raising poultry on a small scale than to the large commercial poultry plants. For these big plants are conducted on scientific principles, and the effort is to keep them up to the maximum of production. In small, private poultry yards, matters are apt to be run in a more haphazard way, and "luck," rather than careful management reigns supreme.

Who of us comprehend the aggregation of littles? If every man, woman or child who raises poultry, even with the smallest of flocks, would study the principles of success, and care for their fowls accordingly, egg-production would increase by leaps and bounds. If every farm should increase its market output by even six dozen, the ware house would be crowded to repletion, and the supply would meet a rapidly growing demand. In this way many dollars would find their way to pockets sadly empty of coin, and the whole country would rejoice over the bounteous supply of one of God's best gifts to man.

Nebraska. S. B. Titterington.

The spanking of children is as old or older than Solomon. But it remains for a Chicago man to herald the good disciplinary effect upon roosters addicted to fighting of spanking their combs. Of course this can only be inflicted upon birds with large single combs. The offender whose pugnacity needs curbing is grasped by the legs with the left hand, the body being held under the left arm. With his comb hanging over the right knee, it is struck with the open hand, first on one side, then on the other, until the administrator thinks the punishment enough. The head is not hurt, nor the comb bruised. It is claimed that the bird thus punished will seek a dark cor-



The Scales Don't Lie

The weigh scales don't lie. If you have given your fowls Dr. Hess Poultry Pan-a-ce-a regularly with the daily ration, there will be more pounds registered on the scale beam when you come to sell; there will be no disease in the flock, and the poultry buyer will find eggs in the crate next morning.

DR. HESS Poultry PAN-A-CE-A

Is the famous poultry tonic—formulated by Dr. Hess (M. D., D.V.S.). By the action of bitter tonics the medical authorities attest that the organs of digestion will extract more of the egg-making material from the food, as well as other nutrition which is applied to the manufacture of bone, muscle and feathers. Dr. Hess Poultry Pan-a-ce-a besides making hens lay, cures and prevents cholera, roup, indigestion, etc. It contains germicides that destroy the minute bacteria which produce so many fatal diseases. Remember Dr. Hess Poultry Pan-a-ce-a bears the indorsement of leading Poultry Associations in the United States and Canada, costs but a penny a day for about 30 fowls, and is sold on a written guarantee.

1-2 lbs. 25c., mail or express 40c. } Except in Canada
5 lbs. 60c.; 12 lbs. \$1.25 } and extreme
25 lb. pail, \$2.50 } West and South.

Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK, ASHLAND, OHIO.

Instant Louse Killer Kills Lice.

ner, reflect in solitude upon his sins, then come out meek as Moses, at peace with all his kind.

In mating breeders, several things should be kept in mind. External points, such as plumage, symmetry, etc., depend upon the sire. The old saying that the male bird is "half the flock," conveys an important truth. From the hen is inherited the internal features, egg-production, and the like. As ideal birds are few and hard to find, we must make the best of what we can get, offsetting weak points in one parent by strong points in the other.

Good mothers and good layers are profitable assets. Therefore be slow to discard a hen especially strong in these points. Keep her just as long as she is profitable, in spite of what many poultry writers advise.

If in need of barn door hangers insist on having Protury No. 77, guaranteed for 25 years.

The South English Sale.

The sale of Scotch and Scotch-topped Short-horn cattle, Polled Durham cattle and Poland China swine, held at South English, Iowa, November 15th, attracted a goodly number of people from various parts of Iowa and Nebraska. The Poland China swine were owned by Mr. S. B. Wenger of South English, who was making a dispersion sale with the view of leaving the farm and going to Indiana to educate his children. The Poland Chinas sold low, forty-five head making the low average of \$20 per head. The Poland Chinas were sold in the forenoon by Col. Geo. P. Bellows, assisted by Shaver, Lemon and others. Immediately after dinner, the sale of Short-horns took place after a neat speech by Colonel Bellows, and fair prices were obtained. Unfortunately the attraction of the sale, Scottish Myrtle, had met with an accident and was not in condition to offer. The grand good cow, Imp. Dora 3d, was also blemished, which reduced the selling price to that of a bargain price. Mr. C. L. McClelland, of Loudon, Iowa, secured her at \$170. Those who paid \$100 or over for Short-horns were Messrs. E. Barnhardt, South English; C. D. Parkhill, of Ollie, Iowa, and E. Barth, of Evely, Iowa. The average made on the Short-horns belonging to Messrs. Smith & Barnhardt, was \$100 per head. The Polled Durhams belonging to Messrs. Wenger & Yoakum sold low. Those wide-awake breeders, Messrs. Shaffer & Dueker, of Kalona, Iowa, secured the bargains of this breed. Interest in the Polled Durhams centered in the splendid young bull, Scottish Archer X, bred and owned by Mr. Wenger. He was a Cruickshank Bra- with Bud with one Polled Durham cross. Mr. W. D. Emery, of Delta, Iowa, was the fortunate purchaser, securing this fellow at \$325, which was the top price of the entire sale of either breed. \$180 was paid for Clan-

This 230 Egg Incubator

\$12.75

We Pay the Freight

East of the Rockies.

Here's an offer never before equalled. The famous

Royal Incubator

sold on trial, freight prepaid. Guaranteed in every way. Automatic control of heat and ventilation. Perfect hatches assured. Doubles your poultry profits. Don't pay more for smaller and poorer incubators. Get the best at freight-paid bargain prices. Investigate before you buy. Fine catalog of incubators, brooders, poultry and all supplies free. Booklet, "Proper Care and Feeding of Chicks," 10c. 64-page poultry paper one yr., 10c. Royal Incubator Co., Drawer 755 Des Moines, Ia.

\$12.80 For 200 Egg INCUBATOR

Perfect in construction and action. Hatches every fertile egg. Write for catalog to-day. GEO. H. STAHL, Quincy, Ill.

THE FAMOUS OLD TRUSTY

40, 60 or 90 days to prove claims for my famous incubator. Two years guarantee. Send for catalog and get acquainted. Book free, advice too. M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

MORE EGGS—LESS FEED

OPEN HOPPER. Humphrey's Green Bone and Vegetable Cutter will double your egg yield and cut your feed bill in half. Guaranteed to cut under and better than any other. Trial offer and catalogue from Humphrey, Home 54, Peottery, Joliet, Ill.

dins X, also a Scotch Polled Durham bull, and went to J. S. Groves, of South English, at \$180. As is usually the case where so many breeds are offered to one crowd, the prices rule low.

FEMALES.

Golden Rule, three years, sire Imp. Golden Fame, E. Barnhart, South English, Iowa \$110
Dora 3d, eight years, sire Lord Dobee, C. L. McClelland, Lowden, Iowa 170
Violet Rose, two years, sire Royal Marshall, C. D. Parkhill, Ollie, Iowa 200
Village Pride, two years, sire Royal Marshall, same 175
British Princess, six years, sire Imp. British Prince, F. Barth, Evely, Ia. 105
Virginia Queen, five years, sire Lord Monarch, and c. c. same 100
BULLS.
Scottish Archer X, one year, sire Prince of Pallas X, W. D. Emery, Delta, Ia. 325
Clanlains X, one year, sire of Ottawa Gauntlet X, J. S. Groves, South English, Iowa 180

DAY BY DAY

Agricola

Agricola believes in a home sanitarium, and that a good garden with an orchard annex is the sensible provision for a farm sanitarium.

Though you pay \$300 for a lunkhead horse, he will still be a lunkhead.

Our patience depends largely upon whether the blunder was ours or the other fellow's.

Somewhere in every corn-belt rotation should come clover, and corn is the natural subsequence of clover.

I have tried mammoth red clover and liked it. I have tried common red clover and liked it. I have tried alsike clover and liked it. Each has its particular advantages, and none general superiority, in my experience. Alsike for wet, flat land—mammoth for bringing up fertility fast, and common red for common use. Mammoth will, in a good season, grow so large with me that mowing it is a weariness to the flesh and an aggravation to the spirit. But I have had it body high in a cow pasture all summer and the next year the corn was like a forest. Still, I am not sowing mammoth any more.

Poultry farming is profitable, but it is not a soft snap. Just as you get things down pat, they cease to pan out right, and the why and the wherefore are among the obscure things of this mundane globe.

Cold storage eggs lost money last year, but the high price of eggs this fall indicates that not all dealers have lost confidence in the fruit of the hen ranch. Perhaps the pure food laws help to stiffen the price, for the eggs sent to market must be guaranteed eggs.

There are ideal men and ideal women. The ideal man is like the equator—imaginary—and the ideal woman is practical only when she has several streaks of good horse sense ingrained with her ideality.

Agricola read in the family bible that the Jews were commanded—yes, commanded—to let the land lie idle one year in seven. The science of modern crop rotation was unknown and impracticable in that land at that time, had it been known, and one year in seven was necessary to permit the bacteria—an un-

known creation to them—to multiply undisturbed. Crop rotation with grass and clover in the rotation beats letting the land lie fallow. Rotation is the text of the modern gospel of agriculture.

I have tried the King road drag some, and find that on a road where every neighbor goes to town after a rain, there are drawbacks to good success with the King drag. Just as you get the mushy material swept into the road nicely, and before it has had time to "set," along comes a string of loaded wagons and squirts the slush all out again. If teams would only take the side track meantime all would be lovely.

Dairying is a solid business and will be so long as the inborn laziness of the genus homo and his natural disinclination to milk causes cows to increase at a less rate than population. If all farmers should get a move on themselves—a dairy hump in their backs—or if a successful milking machine should gain wide use, then the tables would be turned and stock farming revolutionized.

One spring I looked aghast at my young apple trees. The mice had girdled them during the winter. Banking with earth in the fall is a good preventive, and perhaps the best where the number of trees is great, as in nurseries. Painting with white lead is said, by an eastern orchardist, to be a sure preventive. I have never tried the latter method, but I have put wire screen around trees with satisfactory results. It keeps off all such pests, and partially shades in spring and summer, which is a protection against sun scald. But one year while I trusted to fall banking I was too late, as the field mice got in their destructive work while it was yet October. Generally they wait until snow covers the ground.

I think we make a mistake, practically all of us, in saving seed potatoes. We dump them all together and then in the spring select the individual potatoes according to our ideals of what a potato should look like. But the potato we select may be one of two or three in the hill which had unlimited room for symmetrical development. We should select from productive hills. A pig from a litter of three may have more attractive form than one from a litter of eight, but we do not wish to reserve for breeders hogs which have only three-pig litters, nor potatoes which grow but three in a hill.

I have no general experience in having a breeding plot for corn, but this spring I had three ears of corn sent me from

FREE

For a limited time I am offering the catarrh suffering public a full month's treatment free. You may have catarrh of the nose, throat, bowel, stomach, that if cured now will never return again. The most obstinate cases have succumbed to my new method in a few months—it costs nothing to give it a month's trial, and in that time you can determine if the benefits warrant you continuing the treatment until a permanent cure is effected.

Cured Patients Recommend My Treatment.

Dr. T. F. Williams.—I am perfectly cured of my head and ear catarrh trouble. I will not need any further treatment. I can truthfully say that I am in full enjoyment of good health, which is a good deal for one of my age, being in my sixty-third year. I want to thank you for your treatment and the interest you have taken in my case. W. H. PARKER.

Stuart, Iowa.

Dr. T. F. Williams.—My troublesome symptoms have all disappeared. I have a good appetite, and bowels regular, and have gained several pounds of flesh. I cannot express my gratitude to you for all that your remedies have done in my case. GEO. W. SMITH, Louisville, Ky.

CUT OUT THIS FREE COUPON AND SEND TO ME TODAY.

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS.

211-213 Crocker Building, Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name

Address

T. F. WILLIAMS, M. D.
Consulting Physician.

Dakota and I planted three rows, each from one ear, and a fourth from the mixed seed of the three ears. The results were suggestive. I shall not continue the test by selecting ears from the best row and planting each ear in a separate row, as I am convinced that my field corn which I grew from other seed is better for this locality, and have saved my seed from this.

Those who husked by the bushel this fall complained of the good stand, calling

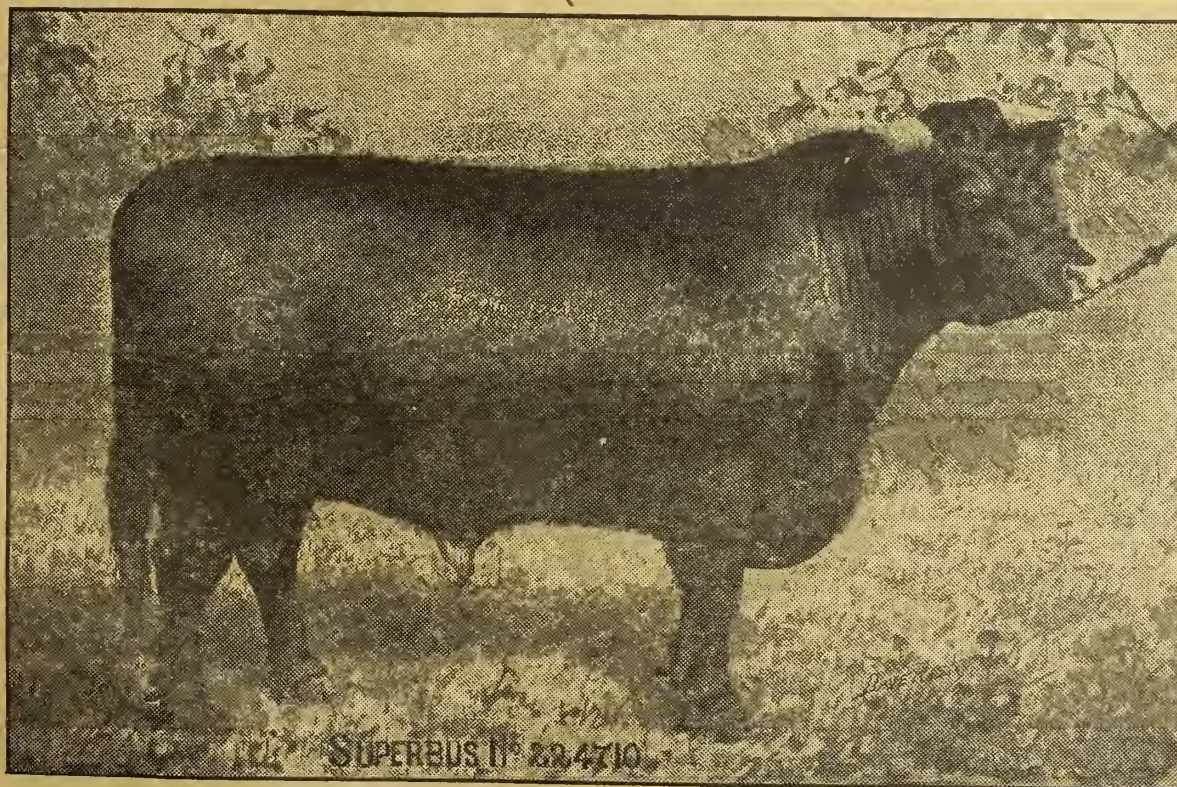
MORE BUSHELS WITH LESS POWER
Means that "Corn Belt" Feed Mills are made right and work right—that's why we can sell them on 20 Days Free Trial with full guarantee. The "Corn Belt" Mill grinds grain faster than any other, with less power, without heating feed. Catalog describes all its points of merit. Write for it. Besides sweep mills we make several sizes for power, and one combined sweep and power. Spartan Mfg. Co., 283 Chambers St., Galveston, Ill.

LADY AGENTS WANTED In every community. Our representatives make \$15.00 per week working afternoons. The Werner Home Treatment Co., L. Box 1133, Des Moines, Iowa

it a bad stand. That is, a thick stand is a bad stand for the husker by measure, as the ears are smaller and he has to husk more of them for the same amount of grain that he would have for a thinner stand. This recalls a fact incidentally which we do not always hold in mind—that much of the food of corn comes from the air, and depriving it of good air circulation and sunshine limits the amount of starchy material appropriated by the plant. Not much mineral matter is in the corn, and less than half the dry matter comes from the soil, so making the ground rich is simply furnishing plenty of soil food, and planting thinly gives the leaves a chance to revel in atmospheric food, and work it over under the stimulus of sunshine.

The government in one of its publications regarding the sugar beet treats of the kind of manures best fitted for the appropriation of atmospheric food. It may seem strange that the addition of any particular kind of soil food would affect the abstraction of atmospheric food, but it is found that it does. Some manures tend to make the plant grow longer leaves, and some broader leaves. It is better to have the increase in the breadth, as more leaf surface is produced by broadening than by lengthening, and consequently more carbonic acid gas (the common name) is decomposed by the leaf and the carbon appropriated for sugar formation. Other manures lead to the production of salts, which interfere with sugar manufacture.

But for general purposes, common farm manure is the thing needed. It furnishes fertility, it furnishes yeast—like bacteria, and it furnishes humus. Stock keeping is the handmaid of agriculture.



SUPERBUS 224710.

The public is already acquainted with this grand young Scotch bull. At the Interstate Fair at Sioux City he was placed second to the bull that was afterwards made reserve champion at Chicago in 1905. At twenty-three months of age he weighed 1,630 pounds, and was again made second to reserve champion at the International. He is low-set; has well-laid shoulders, well-sprung ribs, with almost faultless quarters. He has been bred to roan cows and to a few badly spotted white and red, and yet in every instance the calves up to date have been a beautiful red. The Ardmore Stock Company, of Holstein, Iowa, are offering this grand young bull in the Short-horn sale held during the week of the International in Chicago. This same firm is putting in, also, an extra good eight-year-old Scotch cow, Nana Lass, due to calve in January to Superbus.

ADVERTISING NOTES.

The Werner Home Treatment Company, Lock Box 1133, Des Moines, Iowa, announce on page 11 of this issue that they want lady agents in every community.

Agents are wanted to sell the Dr. Haux famous "Perfect Vision" spectacles. The advertisement giving further particulars will be found on page 8 of this issue of The Homestead.

The Jamison Mercantile Company, of Newport, Iowa, are placing on the market the Pixie sewing machine, which they are selling for only \$3.50. See their advertisement on page 8.

A business education is most eagerly looked for by the average young man or woman, and in this day, when the best is demanded by employers, too much care cannot be used in the choice of a modern business college; a college where the course of instruction is practical and where competent students are placed in permanent, good-paying positions with every chance of advancement. Such a college is Boyles Commercial College, 1804 Harney St., Omaha, Neb. The course of instruction in the various branches of business is complete and in every way calculated to fully equip the young man or woman for entering business. Many a successful young business man or woman of today date their success from the completion of their education at Boyles Commercial College. The large number of students enrolled and the constant stream of new pupils proves the success of the institution. Mr. Boyles believes in teaching the practical side of business as it is conducted today in our large offices, banks and stores. No old-fogy methods—and both building and methods fully up to date. As a practical man of business, Mr. Boyles is eminently fitted to impart the true principles of successful business. Many Omaha merchants and business men depend on Mr. Boyles to furnish them competent bookkeepers, stenographers, etc., and a competent student need fear no difficulty about being placed in a good position. The winter term of this highly popular and successful school begins December 3d. A fine catalog has been issued, full of illustrations and information of great value to those intending to take a practical reliable course of business instruction. Mr. Boyles will be pleased to send one free on request. Please mention The Homestead when writing. Address Boyles Commercial College, 1804 Harney St., Omaha, Neb.

Parke, Davis & Co. take pleasure in announcing through The Iowa Homestead that during the forthcoming International Live Stock Exposition at Chicago they will again be represented in the Record Building, also in the exposition building, just as last year. Visitors will be made welcome at both places. If you are one of the many who have visited Parke, Davis & Co.'s displays during the past seasons, come again; renew acquaintances and see the exhibit this year. If you have missed these displays before, this year is a good time to get acquainted. You will find there products for the cure and prevention of animal diseases that every live, up-to-date stockman is thinking and talking about. This will include Blacklegoids, for the prevention of blackleg in cattle; Anthraxoids, for protection against anthrax; Kresol and Kresol Dip, everywhere recognized standards of disinfectants and dips; Formaldehyde (P. D. & Co.), for the prevention of smut on grain; Mallein, for testing horses for glanders; Antitetanic Serum; Influenza Antitoxin; Cultures of Nitrogen Gathering Bacteria; Rat Virus, a means of destroying rats and mice by inoculating them with a disease that destroys only rats and mice. No doubt you have often wanted information on these very subjects. This is an opportunity to get some facts and talk the matters over with people who are making a scientific specialty of these problems. Parke, Davis & Co. are known the world over for the production of the highest grade of medicinal products, both for human and veterinary use. In their home laboratories in Detroit they are constantly carrying on experimental work along chemical and biological lines, seeking to improve old remedies and to discover new ones. The Parke, Davis & Co. representatives that you find at these displays will be men who are familiar with these investigations and who will take pleasure in discussing questions of this kind and supplying you with interesting reading

matter on any or all of the above subjects. Remember the places, Record Building at your left as you go in, and in the large exposition building. Cut this out and take it along as a reminder of one of the things you want to see at the International.

One hundred and sixty acres of good land, located in Nebraska, good for all kinds of grain, grass and vegetables, is offered for sale at \$10 per acre, only part of which may be carried, by Mr. J. H. McAllister, of Agee, Neb. See his announcement on page 23.

On page 23 of this week's issue appears the advertisement of the Rex Poultry Farm, a beautiful twenty-acre farm near the city of Des Moines, Iowa, which can be bought at a bargain. It is covered with fine fruit trees and berry bushes, and the improvements are also in elegant shape. The owner is obliged to sell on account of ill health, and hence, will make a good bargain for some man who would like a nice small fruit and chicken farm near the best city in the state.

There appears on page 7 of this issue the advertisement of the Southern Iowa Normal School, located at Bloomfield, Iowa. It is the leading school of southern Iowa and under its present management is one of the up-to-date educational institutions of the state. They teach normal, scientific, literary, preparatory, shorthand, typewriting, pen, art, music and elocution courses. None but the best specialists are employed as teachers, and students who are qualified are found positions if it is at all possible. We would suggest that farmer boys and girls who are thinking of attending school this winter write them for their free bulletin, addressing Mr. H. T. Brown, president, Bloomfield, Iowa.

DON'T BUY A FARM

Until you read the announcement of the Allen Investment Company on page 23 of this issue. They make a specialty of farms near Kansas City and are an old, reliable firm.

SOUTH MISSOURI LANDS.

The Davis Bros. Realty Company are offering some excellent bargains in Pulaski county, Missouri, farms. Do not fail to read their advertisement in the Lands and Homes department on page 23.

MORE THAN ANYBODY ASKS.

The great lamp chimney maker of the world, Macbeth, of Pittsburg, not only makes the best chimneys, but prints a most useful index to lamps and burners; from which one can find out what shape and size to get for his particular lamp. One is no longer dependent on grocers, etc., for the somewhat delicate service of fitting his lamp.

LOOK THIS UP.

To those who are interested in eastern Kansas farms the announcement of Messrs. W. H. Slaughter & Co., of Kansas City, Mo., will be of interest. Mr. Slaughter, of this firm, was formerly in the banking business in the locality where these farms are situated and does not list anything but those actually quoted at bottom prices. See their advertisement in the Lands and Homes department on page 22.

"ABSORBINE IS A GRAND ARTICLE."

Mr. F. L. Evans, of Plano, Ill., writes under date of November 14, 1905: "Send me one bottle of Absorbine. This is the fourth bottle I have had from you. I find it a grand article." You will find it the same. Absorbine merits continued patronage and gets it. It is a pleasant remedy to use—does not blister or remove the hair and horse can be used. Absorbine can be procured from your local druggist or I will send you a bottle express prepaid upon receipt of \$2. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

"TWO TO ONE."

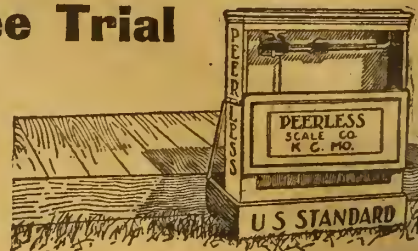
It's "two to one" that a pair of Rubberhide Boots will outwear two pair of ordinary boots. That may sound like a broad assertion, but there is every indication to believe it to be a fact. Rubberhide boots are not made simply as a boot. They are made as a boot to wear. On that quality the makers depend for sales. Some wearers might prefer two new pairs of boots to one at first thought. But on second thought their opinion will change. In wearing out two pairs of the ordinary article, there are two pairs of leaky boots and twice as many days to have cold, wet feet. Not so with the one pair. Just half the trouble at half the

Get This Peerless Pitless Scale

on 30 Days Free Trial

Direct From Factory

No Money In Advance
We Pay the Freight.



Don't Pay Two Prices: If the Peerless was sold through dealers you would have to pay from \$65 to \$80 for it.

If it had a steel frame you would pay from \$60 to \$100 for it anywhere. Peerless Frames Are Of Wood:—the others, costing 33 1/3 to 100% more, are steel; all inside working parts are practically the same.

We can sell this high grade U. S. Standard Scale at \$46.50 because we pay no profits to Salesmen, Agents, Jobbers or Dealers.

We can offer you a genuine free trial because the Peerless will stand the test.

The Peerless will do the work as well as any high priced Pitless Scale and better than the best old style pit scales, because more convenient to operate and saves you the big expense of digging and walling a pit.

A Peerless Scale is portable, too. You can move it to any point on your place, wherever it is most convenient for you to do your weighing.

Is it good business for you to take chances on the other fellow's weights

\$46.50

being right when you can absolutely protect yourself from loss at an outlay of \$46.50?

You might lose that much on one or two transactions!

If you weigh your grain, stock or anything else on a Peerless you know you're right and no one can contradict you.

The Peerless is Standard.

It's not a "cheap" scale at a "cheap" price. It's a high quality scale at a low factory price.

* * *

Send For The Catalog and you will be convinced. It describes every feature and every part of the Peerless in detail. You will make a big mistake to buy a high priced scale of any kind before investigating.

Remember our free trial is a real genuine free trial. No deposit, no notes to sign, no freight to pay, no red tape—

Absolutely no expense or no obligation until you are satisfied.

Let us send you a set on these terms for you to use a month.

Just put this paper down and write for the catalog now, before you forget.

PEERLESS SCALE CO., Dept. G, Wyandotte St. & Milwaukee Ave., Kansas City, Mo.

price. There is a lot more told about this boot question on page 19. If your local dealer does not keep Rubberhide Boots write to the Rubberhide Company, 612 Essex Bldg., Boston, Mass. Kindly mention this paper when writing them.

COLORADO LAND.

The W. F. Shelton Land Agency, of Kansas City, Mo., offer investors in western land exceptional opportunities in Cheyenne county near Cheyenne, Wyo., Colo. They have sixteen sections of good land that must be sold at once. Owing to the fact that the time is short the entire tract will be sold at a very low price, and on most favorable terms and reasonable cash payment down. Land in eastern Colorado has advanced rapidly during the last few years, and if you will please read their advertisement on page 22 you can form some kind of an idea of the great bargains offered by the above-named firm. If interested, better wire for particulars, as the time is short.

WHERE THINGS GROW.

In California things grow. That is the first impression of the newcomer. It impresses him stronger, the longer he remains. In one year trees grow two and three times as much as they do where winter holds forth for several months. For people looking for a more perfect climate it will certainly pay them to investigate a proposition in California. In the southern part of that state is some of the best land that can still be purchased at reasonable prices. A good place to write to is the Chino Land & Water Co., 516 Wilcox Bldg., Los Angeles, Cal. Some very neat booklets will be mailed if you mention The Homestead. See page 23 for further information.

HAVE YOU CATARRH?

If you are discouraged over money spent without any benefit to you, write Dr. Williams, of Des Moines, Iowa, asking him to send you his symptom blanks and books which treat of catarrh and its allied diseases. To convince you that he has faith in his treatment, Dr. Williams is offering one month's treatment free. So confident is he that you will receive prompt benefits and continue his treatment until cured, that he has no hesitancy in making this exceptional offer. His advertisement will be found on page 11. The writer has known Dr. Williams personally for the past twelve years. His business and professional methods are genuine and the reader need not hesitate to consult him.

THE CAREFUL STOCK FEEDER.

When it looks like feeding money to feed corn, oats, and grains, the careful feeder of stock begins to study. Every pound of grain must be made to produce the largest possible gain. In other words its efficiency to produce growth and gain must be as near 100 per cent as can be devised. If the common sense of the feeder tells him that he is not securing such results then he must act. The young calves can't make the best use of whole grains. The old milk cows could likely fill the bucket fuller on ground corn and oats. The old ewe, almost toothless, needs cornmeal to fatten acceptably for the butcher. So it goes; there is always a demand for ground grains on the farm. Time is money to the farmer as well as to any other business man. In buying a grinder consider its efficiency in this respect. Consider its durability and price. In fact, there are a number of points to think over, and the best way to get

next to such points is to send for a good grinder catalog. Such a booklet can be obtained from the Spartan Manufacturing Company, of Galesburg, Ill. Turn to their advertisement on page 11 and kindly mention The Homestead when writing them.

WHERE TO BUY YOUR NEW CUTTER.

Messrs. Sears, Roebuck & Co., of Chicago, are selling their new 1907 cutter gear for \$4.95—such a gear as is shown on page 13 of this issue in their advertisement. Their new piano body cutter costs \$8.95, while their finest high-grade Portland cutter costs but \$15.75. No one can tell in advance just how much sleighing there will be during the winter. When there comes a good fall of snow there is then a grand rush on the implement dealers for cutters and sleighs. It is much better to take time by the forelock and send to Messrs. Sears, Roebuck & Co., Chicago, for their cutter catalog, in which you will find some of the greatest offers along that line that have ever been made to the public. We have in mind a case last year where it was strictly impossible to purchase a cutter in a town of 6,000 population, and there were dozens of men in that community who passed through a six weeks' period of excellent sleighing and used nothing but wheels during that time. It is hard on a buggy to run in the winter if a sleigh can be used instead, and we therefore urge all our readers who contemplate buying a cutter to send to Messrs. Sears, Roebuck & Co. for their catalog. Three styles of cutters are given in their advertisement on page 18. Mention this paper when you write.

A NEW BOOK.

Most persons are interested in parrots and the new book entitled "Parrots and Other Talking Birds" just written by Mr. Chas. N. Page, of Des Moines, Iowa, the well-known author of "Feathered Pets" and other books on cage birds, will doubtless be received with pleasure by the reading public. This new book is written in such an entertaining way and is so full of amusing anecdotes and incidents that it will prove of much interest to the ordinary reader aside from its value as a technical book. It tells of the parrots in their native haunts; how they are captured and transported to market with very full and complete instructions for feeding and caring for them, and information as to the best methods of taming and training, including new ways of teaching them to talk, sing, etc. There has been a need for such a book as this for many years, and hundreds of persons have lost their birds through ignorance as to the best manner of caring for them, and strange as it may seem this is the first complete book ever published in America on this subject. It is written by a man who has had many years of experience in handling these birds and who has spent a great deal of time in traveling among the parrot dealers and trainers in various parts of the world. It is a book of 128 pages, thirty-two illustrations and a beautiful colored frontispiece showing six of the most prominent varieties of parrots in their natural colors. Price twenty-five cents, or cloth-bound volume seventy-five cents.

TREAT YOUR OWN HORSE AILMENTS.

Many animal owners make a serious mistake in not being prepared to do for themselves many things upon which they habitually seek aid from others. If a horse goes lame or a shoe ball develops, their first thought is of the veterinary. This means valuable time lost and is a waste of money.

ONE LEVER DOES IT ALL

ON THE

I.H.C.



You would rather operate one lever than to get mixed up with three or four. The I. H. C. Spreader has but one lever—the only spreader of that kind.

This is just one point of superiority over other spreaders. There are others.

No other spreader has a vibrating rake to level the load and bring the manure up square to the cylinder. Everybody knows a spreader works better and gives a more even distribution when the load is level.

Great power is required when a spreader is in operation to run its cylinder, move its apron, level the load, etc. The I. H. C. Spreader gets ample power from both the rear wheels of the wagon.

It not only gets more power but it is surer of its power at any moment. It makes no skips, and it avoids friction, side strains, and consequent breakage.

This same thing helps to secure the light draft for which I. H. C. Spreaders are noted.

Call on the International local agent or write us for catalog.

Send three two cent stamps for a copy of "Farm Science," Book just from the press, written by eight leading agricultural authorities of the United States. Treats practically every farm topic in the most forceful, money-making way.

International Harvester Company of America, Chicago, U. S. A.
(INCORPORATED)

The commonest ailments of horses are not difficult to understand. With the aid of that matchless little book, "A Treatise on the Horse and His Diseases," published by the Dr. R. J. Kendall Company, of Enosburg Falls, Vt., there are but few ailments that every horse owner cannot understand. Then with the wonderful Kendall's Spavin Cure, which has been the foremost remedy for nearly two generations, he will be able to cure, absolutely, the great majority of injuries and ailments. It is the rarest thing that a spavin or a ringbone, curb or splint, if treated in time, does not yield to this great remedy. If horse owners will keep it constantly on hand, they will be able to treat for themselves and to treat promptly upon the first appearance of the growth. They will be far more certain to effect an absolute cure than the veterinary will if treatment be delayed. It is the old cases that are stubborn. Veterinaries cannot certainly cure them. But when taken in time we doubt whether a single case can be produced where this old standard remedy will not effect its cure. What is true of spavins, ringbones, curbs, splints, is doubly true of such casual ailments as cuts, wounds, ordinary lameness, etc. Kendall's spavin cure is a dependable remedy, and horse owners would do well to keep it always on the shelf.

A MAMMOTH NEW INDUSTRY FOR KANSAS CITY.

This periodical takes pleasure in calling the attention of its readers to the full page advertisement of the Crude Oil Power Company, which appears on page 15 of this issue. A reporter for this paper, in order to verify the statements of this company, visited its offices and lands and finds that located at the junction of the Missouri Pacific and Mexico & Orient belt line railways on a five and one-half acre tract of land in Kan-



E. E. RICHARDSON.

Vice-president and the active manager of the Crude Oil Power Co., who, for thirty-two years, has been the secretary treasurer of Kansas City's most successful institution, the Kansas City Stock Yards Co.

sas City, Kan., a company called the Crude Oil Power Company is, by the expenditure of upward of \$100,000, establishing in Kansas City an industry that will prove a most valuable acquisition to the large number of manufacturing industries already located here. The Crude Oil Power Company will, however, occupy among them a unique place, as the company proposes to manufacture an engine that will eventually supersede all engines now operated by gasoline, alcohol, naphtha, and in some instances by steam. This

remarkable invention uses, as the name of the company implies, ordinary crude oil as fuel. The company claims to produce as much power from a barrel of crude oil as can be produced from a barrel of gasoline. Inasmuch as a barrel of gasoline costs about \$6.50 and crude oil only about sixty cents per barrel, power can be generated by this crude oil engine for about 10 per cent of the cost of operating a gasoline engine. Another, and perhaps more important invention will be manufactured by this company. It is called the portable refiner. Its inventor and the company claim for it that it can be attached to the pumping apparatus at the oil well, no matter how great or



MAJOR F. C. VINCENT.

Fiscal agent of the Crude Oil Power Co., formerly officer of the United States Army, and successful organizer and financier of many of the largest industrial propositions in the middle West.

small the flow of oil, and that it will refine the crude oil as it flows from the well. This latter invention should prove a veritable boon to the independent operator, for it will enable him to refine his own product and market it, the company says, at 50 per cent less cost than by any other method of refining oils. At present Kansas City has no manufacturers of cast steel and malleable iron castings. Heretofore all such products were purchased in Chicago or St. Louis and as the eastern factories were generally from six to eight months behind with their orders. Kansas City users of this material have been greatly inconvenienced and forced to pay extraordinary large prices for same. The Crude Oil Power Company is building an up-to-date, first-class foundry for the manufacture of cast steel and malleable iron castings and by so doing is filling a long-felt want in this community. The company is already assured of orders that will tax the full capacity of this department of its works. The Crude Oil Power Company will undoubtedly be of great benefit to this community. Kansas City needs industries of this character. The officers of the company are: President, G. W. Fitzpatrick; vice-president, E. E. Richardson; treasurer, W. C. Howe; secretary, A. A. Oshorn. Mr. F. C. Vincent is acting as financial agent for the company, and is in charge of the offices. It is expected that the company's plant will be in operation by January 1, 1907. In justice



SUCCESSFUL TOOLS

These Chisels have carved their way to fame. To-day, those who know tools pronounce the Keen Kutter the perfect Chisel Success. Tempered nearly to the handle; hand whetted; sharp and ready for use; handles of selected white hickory with leather heads.

KEEN KUTTER

QUALITY TOOLS

are all successful tools—tools that have won their way by hard, honest, true work. Every step in their success has been reached by sheer force of merit and quality. Keen Kutter Tools include—Saws, Chisels, Bits, Glimlets, Axes, Planes, Hammers, Hatchets, Axes, Drawing-knives, Pocket-knives, Screw-drivers, Files, Pliers, Glass-cutters, Ice-picks, and a full line of Farm and Garden Tools. For 37 years Keen Kutter Tools have been sold under this mark and motto:

"The Recollection of Quality Remains Long After the Price is Forgotten."

Trade Mark Registered.

If not at your dealer's, write us.

Tool Book Free.

SIMMONS HARDWARE COMPANY, St. Louis and New York, U. S. A.

to its readers it is the policy of this paper not to accept advertising of this character, without first thoroughly investigating the legitimacy of the enterprise. This paper is personally acquainted with the officials of the Crude Oil Power Company, and does not hesitate to give this enterprise its fullest endorsement and co-operation. See page 15 for advertisement.

1,000 Pointers for Stock Raisers.

We have just received from Sears, Roebuck & Co. a copy of a book entitled "1,000 Pointers for Stock Raisers," published by the Davis Stock Food Company, and distributed by Sears, Roebuck & Co., that is a radical departure and a much more pretentious volume than has ever been attempted along similar lines.

The book consists of 548 pages, and from cover to cover is filled with valuable information for the farmer and stock raiser. The book treats exhaustively all the feeding problems that the stock raiser will meet with. Every disease known to live stock is thoroughly covered, giving the cause, symptoms and treatment, and the treatment is not confined to that supplied by the various remedies manufactured by the company, but good, common sense treatment that the farmer himself can obtain from his local druggist is given in perfect candor. There are numerous

plans and specifications, together with itemized bills of materials, for poultry houses, farm residences, barns and dipping vats. There is a chapter devoted to irrigation, explaining fully how the farmer may lay out and construct his own irrigating ditches. There is also a full chapter on good country roads that is worthy of more than passing notice, and the final chapter in the book, entitled "The Truth About Stock Foods," will prove an eye opener to the up-to-date stockman. This question is treated exhaustively. Many of the fallacies and heretofore mysteries surrounding the manufacture of stock foods is laid bare, and the ingredients of stock foods are openly published.

There is some mighty interesting information on page 36, regarding the true and comparative value of feed stuffs, and horse-men will be more than interested in the information contained on page 39. The up-to-date dairyman will find some valuable information on page 73, and there are some mighty interesting facts regarding the digestibility of feeds on page 101.

The book, however, is much too extensive and treats its subject much too exhaustively for us to attempt to describe it in a short article. Suffice it to say that the value of such a book cannot be estimated in dollars and cents, and it has evidently cost a world of time, research and money to get the book out.

We cannot too strongly urge our readers to send for a copy of this book at once. It is being sent to all farmers and stock raisers who will write Sears, Roebuck & Co., Chicago, and tell them how many head of stock they own. By all means send for it today. You will be agreeably surprised at the hook.

Short-horn Sale Results at Milton, Iowa.

One of the popular sales of the season was held last week in southeastern Iowa. It consisted of a collection of animals from the herds of Messrs. E. C. Holland, of the above place; J. E. Guernsey, of Keosauqua, and Sample Bros., of Lebanon. A good-sized crowd gathered at the sale tent situated on the outskirts of town. Strangers and neighbors were very hospitably entertained at the house and an enjoyable time was spent. A great many of the animals remained in the neighbor, which speaks well for the esteem in which these breeders are held by their countrymen. Colonel Barclay, assisted by Colonel Burchard, conducted the sale in a very satisfactory manner. Bids came only moderately fast and the best and highest-priced animal was a splendidly-built young roan bull which, after a spirited contest, went to Mr. A. C. Browning, of Memphis, Mo. It was a good, useful lot of animals that sold at bargains. Animals are herewith designated by catalog numbers:

BULLS.		
Lot.		Price.
4	A. C. Browning, Memphis, Mo.	\$137.50
3	E. E. Hargrove, Milton	70.00
7	H. Pittman	47.50
19	C. R. Townsend	60.00
20	Same	50.00
25	Fisher Bros., Milton, Iowa	50.00
28	J. Augsburg, Milton, Iowa	50.00
FEMALES.		
2	M. J. Barnes, Pulaski, Iowa	45.00
8	A. M. Brady	47.50
11	W. McCulloch	52.50
12	C. W. Auflin	62.50
13	W. McCulloch	50.00
15	M. J. Barnes	45.00
26	J. Peterson, Cantrell, Iowa	65.00
27	A. M. Brady	50.00
31	Percy Cooley, Milton, Iowa	50.00
36	W. C. Wendt, Donnellson, Iowa	52.50
39	M. J. Barnes	70.00

The Homestead and The Homemaker
\$1.25 per year.



Tillicairn 150069, the subject of the above illustration, was imported in dam by Messrs. Hannah & Co., of Howard, Kan. He is a nicely-bred Scotch bull got by the Marr-bred bull, Spicy Monarch, he by Spicy Robin and out of a daughter of the great Wm. of Orange. Spicy Monarch's dam, Imp. Circe 3d, is a richly-bred Scotch cow that has proven a good producer. Tillicairn is a rich red roan, weighs in his every-day clothes 2,250 pounds. He sells in Mr. W. W. Brown's dispersion sale of Short-horns at Kansas City, Mo., Wednesday, November 28th.

Echoes From a Kansas Farm

By Henry Hatch

The man who visits this fine weather may be compelled to work during the bad weather that follows. This is the way we look at improving the fine weather during the fall.

"Do you know of any farm to rent?" This is the question asked us almost every time we are off the farm. About everything has been rented, with renters still looking for locations.

We believe in the young man making every lick count towards getting a home of his own. In twenty years from now, if land keeps advancing in price, the man without a farm, starting in at the bottom, will stand a poor show of getting one right away, especially if he be a man of past middle age.

Of all the different varieties of corn we have raised this year, we have settled down to the white, and nothing but seed of that is being saved. It is a variety we call "Kansas King;" at least it resembles that variety nearer than any other we know.

There is a talk of trying to repeal the present road law in this state, enacting another that is hoped will be more satisfactory to all concerned. As it is now we pay all road tax except the polls in cash. It is noticed that the cash is often not expended very near to where it was collected. Some heavy tax-paying sections of the different townships have received little or no benefit.

If this present fine weather holds out for a few days longer we hope to get one job done this fall that is a nuisance in the spring—that of breaking stalks. We aim to harrow one way, then cut the other way with the disk harrow. This helps the land and cuts the stalks up well, if the weather is dry. Trying to cut stalks before freezing weather is a useless piece of work if the weather is the least bit damp.

It doesn't do to get in too much of a hurry to shell corn after it has been husked, if any amount is going to be stored in one bin. Many pile outside, then shell and put in a granary, to save room. Where rats are bad, it gives them less chance to get in their work, but shelled corn is not the best to feed to hogs in all kinds of weather, without having some sort of a feeding floor.

We notice that the packers like to get prices for hogs down as low as possible about this time of the year. Some say it is on account of tax-paying time, reasoning that many have to sell about this time to get money with which to pay taxes, but we believe it more on account of the beginning of the heavy packing season. They like to start on as low prices as possible.

Did you ever go out to the corn field, perhaps over a half-mile from the house, with the husking peg you have been used to using left behind? We did that trick this afternoon, so had to fall back on an old straight peg we happened to have along. After using the hook husker, the old style seemed awkward. It is strange how one adapts himself to any certain thing, but it doesn't take long to get back to a way that was once learned. They say a calf that was used to being tied will not forget it when a cow.

We have been particularly fortunate in one thing if we have been unfortunate in others; we never have yet lost a hog by cholera. We claim it has been no power or prevention of ours that has kept the disease off the farm, but we seem to live in a section where the disease has never done much injury to the hog raiser. Cholera seems to live for years in a community where it was once wide spread. The germ must be a hard one to kill.

The going-to-town habit is strong with some. Altogether too many farmers buy in too small quantities of those things they must have within a few weeks. What's the use of buying sugar by the half-dollar or quarter's worth, when a

hundred-pound sack will be used within six months? Other groceries and necessities can be bought at a great saving by buying in quantities. We sometimes think there are some who buy in small lots—the supplies for a week—just to have an excuse to go to town every Saturday.

It seems the later seasons have been moved ahead a few weeks in each year. The winter is slower in coming than was once the case, and weather when field work can commence is slower to arrive in the spring. This may be imagination, but we can remember when it was not safe to depend upon husking much corn after the first week in December, without doing it in the snow. For several years, too, we have growled around about seasonable weather being so slow to put in an appearance in the spring.

WORST FORM OF ECZEMA.

Black Splotches All Over the Face—Affected Parts Now Clear as Ever—Cured by the Cuticura Remedies.

"About four years ago I was afflicted with black splotches all over my face and a few covering my body, which produced a severe itching irritation, and which caused me a great deal of annoyance and suffering, to such an extent that I was forced to call in two of the leading physicians of my town. After a thorough examination of the dreaded complaint they announced it to be skin eczema in its worst form. They treated me for the same for the length of one year, but the treatment did me no good. Finally my husband purchased a set of the Cuticura Remedies, and after using the contents of the first bottle of Cuticura Resolvent in connection with the Cuticura Soap and Ointment, the breaking out entirely stopped. I continued the use of the Cuticura Remedies for six months, and after that every splotch was entirely gone and the affected parts were left as clear as ever. The Cuticura Remedies not only cured me of that dreadful disease, eczema, but other complicated troubles as well. Lizzie E. Sledge, 540 Jones Ave., Selma, Ala., Oct. 28, 1905."

Care of the Herd Boar.

To the Editor of The Homestead:

The selection, care and management of the boar to head his herd is the greatest problem that the breeder of pure-bred swine is called upon to solve. Much, if not all, of his success depends upon his choice in this, and the man who is a breeder cannot look upon this as an unimportant item for consideration.

The individual himself, the family lines and the reputation of his breeder are all important facts to be taken into account. He may be a fine looking animal, but what about his sire, his grand-sire and his great grandsire, his dam, his grandam and his great grandam? Were they all good ones?

We cannot expect a boar, no matter how good an individual he may be, to make a great sire unless his ancestors for a number of generations have been good ones. We are very fortunate when we secure a good one, and when we have him we should give him the best opportunity possible, for a large part of our success depends on how we care for and manage him.

Many a good boar is put in a dirty pen and confined the year round without exercise, and by the time he should be in his prime he is ruined by excessive service and lack of proper nourishment. Give him a yard of an acre with a strong fence around it, away from the rest of the herd. Give him a warm, dry sleeping place in the winter. Make him think he is of some importance and not look upon him as some wild beast and carry a club or an axe every time you go near him.

His disposition toward you will be just what you make it yourself. He will remember all the kindness and rubbing you do for him and won't forget all the meanness you do to him. The average boar is not such an ugly animal as most people think he is, and he is as quick to understand kindness as any other animal. Do not envy him his feed; give him all that is necessary to keep him in good thrifty condition. Skin and bones with the best of pedigree cannot beget good pigs.

His feed when not in service may be

HURT, BRUISE OR SPRAIN

ST. JACOBS OIL

THE OLD-MONK-CURE

RELIEVES FROM PAIN

Price 25c and 50c



Modern Farming is Business--Not Luck

No sensible farmer in these days neglects the matter of good insurance of all kinds. One of his most important assets is his own "working time." Hundreds of Iowa farmers testify as to the value of a contract in the Bankers' Accident Company of Des Moines. It protects your time against loss from either accident or sickness and costs about three cents per day. Write for particulars. Reliable Agents Wanted.

Bankers' Accident Co., 508 Youngerman Bldg., Des Moines, Iowa

THE NORTH-WESTERN LINE

First-class daily through service from Des Moines to Council Bluffs, Omaha, the Black Hills, Wyoming, Colorado, Utah and the Pacific Coast on the west; to Sioux City, Mankato, St. Paul, Minneapolis, Superior and Duluth and all points in North and South Dakota, Minnesota, Northern Wisconsin and Michigan on the north, and to Chicago, Milwaukee, Peoria and the east, over

The Only Double-Track Railway Between The Missouri River and Chicago

This complete service includes electric-lighted trains of the most modern type with all provisions for safety, comfort and speed.

The Best of Everything



For booklets, maps, train schedules and full information apply to any ticket agent of The North-Western Line or address

L. F. BERRY,

General Agent, C. & N.-W. Ry.,

401 Walnut St., DES MOINES, IOWA.

of a succulent nature, mainly pasture during the summer months and roots in winter. He can hardly be sustained on this alone and some grain should be fed to keep him in condition. This should contain a large per cent of protein, middlings, shorts, bran, some oil meal and a little corn. As the breeding season approaches his feed should be increased so that he will be in good condition. While not in service plenty of exercise should be given him, even if against his inclination.

Without exercise it is impossible to keep well developed muscles and general thrift. With a boar in a thrifty condition and active, soundness of the reproductive organs is reasonably certain. During the breeding season care should be taken that his energy is not wasted in too much exercise and excessive service. The drains on a boar during the season of breeding fifty or sixty sows are severe. Careful feeding will do much to keep him in condition and bring good results. A well-matured boar should not serve more than two sows

daily and not more than fifty or sixty during a season.

Many breeders fail to make a success of the business because of the careless and indifferent care and management of their boars; the sows occupy by far the greater amount of attention. Too much attention cannot be put to the care of the boar if a success is made of the business.

Willard M. Kelly.

Cowley county, Kan.

About ten years ago a man in one of the western states discovered that it was mud that made the roads muddy. That was a pertinent discovery and it is a wonder some man did not discover that before. Now if some man will only discover what makes mud and how to get rid of it, we'll have the good roads solution solved and soon there will be good roads all over the country.

When the husking mittens have been cut out and are ready to sew up, they can be made to last longer by sewing the scraps on the parts where wearing is hardest so they will come on the outside. When sewed on then they can be finished and turned for business. No better material has been found than heavy cotton flannel.

The Homestead and The Homemaker \$1.25 per year.

You cannot be well unless your stomach and bowels are right.

The thing to right them is
At your druggist's.

Jayne's Sanative Pills

**Don't Let This Be Another
Lost Opportunity.**

Mr. Investor:

IMPORTANT—If you have delayed investing in this stock, you must act quickly if you want it at the present price. It will advance in price in a few days, as the allotment to be sold at 25c per share will soon be gone,

**Read This Carefully. It May
Be Just What You Want.**

REMEMBER, THIS IS NO MINING OR OIL SCHEME, BUT A SAFE, CONSERVATIVE, MANUFACTURING INDUSTRY

MAMMOTH KANSAS CITY STEEL & IRON FOUNDRIES

We are Already Assured of More
Orders Than We Can Possibly
Fill Next Year.

Our Crude Oil Burner Solves the
Fuel Problem for Steaming and
Domestic Uses.

WILL CONTROL GREAT SOUTHWEST-TRADE

**The Only Steel and Malleable Iron Casting Plants in the
Entire Southwest**

No Stock Jobbing Mining
Scheme. A Safe, Conservative
Manufacturing Enterprise.

The Crude Oil Power Company

Strongly Endorsed by the Manu-
facturers and Merchants' Asso-
ciation of Kansas City, U. S. A.

A MANUFACTURING INDUSTRY THAT CANNOT BE SURPASSED AS A DIVIDEND EARNER.

The Crude Oil Power Co. is incorporated under the laws of the District of Columbia, under Federal Supervision for \$1,000,000, divided into 1,000,000 NONASSESSABLE shares, par value of \$1 each.

The Company is now building two great factories, one in Kansas City, Mo., and the other in Sour Lake, Texas. The Kansas City plant alone covers 5½ acres of ground. These factories will be in operation by January 1st. They represent today an outlay and value of \$235,000. There is not a cent of incumbrance on the property.

This mammoth steel and iron casting foundry will be the only one for the manufacture of iron and steel in the Southwest. All orders for steel and iron castings have to be placed in the East. The factories there are about nine months behind with their orders.

The Crude Oil Power Co., turning out at the very start 30,000 pounds of steel and malleable iron castings per day will be without competition in the entire Southwest.

This Company controls, furthermore, all rights to manufacture the new Crude Oil Engine and Portable Refiner and Generator. This engine will be manufactured at a very minimum cost and will be sold at a very large profit. As it can be operated from the crude oil it will absolutely displace the gasoline engine.

The Portable Refiner will refine crude oil at the wells. This will effect a revolution in the oil business, as the independent producers can cut down 50 per cent of the cost of refining.

The profits from the casting foundries alone will reach \$200,000 a year. With no freight to pay and with no fuel bills, as ample natural gas is developed at the Company's own plant, this Company can drive the eastern producer out of the Southwest. It has the field to itself. The demand for steel and malleable iron castings is limitless. Now, look; sit up and take notice that the Crude Oil Power Co., WITH ITS FACTORIES ALMOST COMPLETED, makes the following remarkable offer:

To procure additional funds for the development of the company's properties, and to complete its work, the company is now offering an issue of 100,000 shares of stock.

THIS ISSUE IS OFFERED AT 25 CENTS PER SHARE, PAR VALUE \$1.00. The subscriptions of careful investors is invited to this issue. The stock will earn at least 15 per cent from the foundry department alone, making at present prices a profit of 60 per cent on the investment.

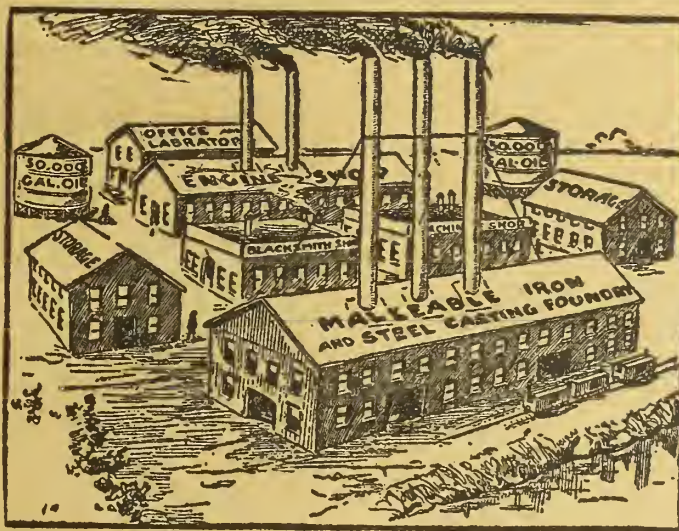
In this estimate no account is made of the profits accrued by the sale of the crude oil engine and portable refiner. This department alone will add vastly to the financial possibilities of the company.

The high character, business ability and integrity of the personnel of the officers and directors of the CRUDE OIL POWER CO. could not be excelled. They are as follows: President, G. W. Fitzpatrick, M. D., physician and capitalist; vice-president, E. E. Richardson; secretary-treasurer, K. C. Stock Yards Company; treasurer, W. C. Howe, president S. W. Oil & Mineral Co.; secretary, A. A. Osborn, inventor and constructing engineer, all of Kansas City, Mo. The Company most cheerfully invites and urges full inquiry as to the character and standing of the above-named gentlemen.

We refer you by permission to the Interstate National Bank, Kansas City, Kan., and State Bank of Kansas City, Kan.

IMPORTANT NOTICE.

As our 25c allotment of stock is almost subscribed for, it is important that I should have your subscription immediately if you want stock before the price advances. This stock advances in price December 10, 1906. Everybody who has investigated this Company has either bought stock or reserved same. Another opportunity equalling this will probably never be offered you. I earnestly advise you to let me hear from you by return mail or by telegram. F. C. VINCENT, Fiscal Agt., 425 Gibraltar Bldg., Kansas City, Mo.



\$235,000 ALREADY EXPENDED ON THE COMPANY'S PLANTS

A Practical Illustration of the Two Mammoth Plants of the Crude Oil Power Co. at Kansas City and Sour Lake, Texas, as They Will Probably Appear When Completed. Invest in a Sure Thing.

Substantial Investment

We are building an enterprise the demand for whose product is as STABLE, PERMANENT, AND SUSTAINED AS THE DEMAND FOR BREAD AND BUTTER. Investment in this industry carries with it NONE OF THE SPECULATIVE RISKS incurred by an investment in mining stocks or a gambling flyer in the wheat market. We are offering you stocks whose values are, and will be, as safe as a real estate purchase, or an investment in Government bonds, with infinitely GREATER PROFIT to you. Every dollar derived from the sale of the treasury stocks will be used for further development of the Company's interests. Investment in an industrial enterprise, manufacturing a staple commodity, having no competition and for whose products there is heavy demand, carries with it no risk.

The Metropolitan Street Railway Company, the twenty-three railroads entering Kansas City (the second largest railway center in the world), the fifty odd automobile repair shops, the Kansas City Automobile Company, the many great Portland cement plants in and around Kansas City, the packing houses, and a hundred other important industries contiguous to Kansas City each use thousands of dollars' worth of new steel and iron castings each year.

Kansas City has entered upon the era of steel and iron buildings. If the CRUDE OIL POWER CO. were in operation today the chances are that no Des Moines or other outsider would have supplied the iron for the magnificent R. A. Long building. No other foreign firm would be erecting and supplying the iron frame work of the great Scarritt Building.

This Company proposes to be in the market when the new Bank and Commerce building, the new Victoria hotel, the new Y. M. C. A. building, the new Armory, and the new Union Depot are ready for construction. Kansas City has, for many years, felt the dire need of a factory of this character. We are supplying this need and WE PROPOSE TO GET THE BUSINESS.

Millions of tons of malleable iron and steel castings are used every year in Kansas City and the southwest states. Every pound of this material has come out of the eastern factories, which are now from six to nine months behind with their orders. Our foundries, machinery buildings, blacksmith shops, offices, and laboratories will cover upward of five (5) acres of land, advantageously situated on the Missouri Pacific and Orient Belt Line Railways. WE HAVE DEVELOPED OUR OWN NATURAL GAS ON OUR OWN GAS AND OIL LAND. Thus there will be no fuel cost. We are in Kansas City, so there will be NO TRANSPORTATION to the great Kansas City market, which in itself can take our entire product. With NO FUEL AND NO FREIGHT TO PAY, eastern producers can not compete with us. We have the field to ourselves. Kansas City alone is using upward of 300,000 tons of steel and malleable iron castings annually. There will be no limit to our development.

Carnegie, Schwab, Fick, Nixon, Ellis, and a host of other multi-millionaires have accumulated IMMENSE FORTUNES FROM THE STEEL AND IRON INDUSTRY. They were the pioneers of this industry in Pittsburgh. WE ARE THE PIONEERS OF THIS INDUSTRY OF KANSAS CITY. If you are anxious to participate in our absolutely assured profits you will fill out the coupon below and mail it today. It costs you nothing to inquire.

The Crude Oil Power Co. will manufacture at the very start 30,000 pounds of steel and malleable iron castings daily at a net profit of at least \$600 per day. Our factories, in order to supply the demand, must run day and night. Thus our annual net profit on this department alone will exceed \$200,000. This Company will be compelled to constantly increase its output, so \$30,000 will be set aside each year for this purpose. This will leave a net dividend of 15 per cent on the entire capital stock the first year, and largely increased dividends each year thereafter.

Read This and Permanently Increase Your Income

**It Costs You Nothing To Inquire. Fill Out Coupon Below
and Mail Today.**

This Company

is building TWO GREAT FACTORIES, one at Kansas City, the other at Sour Lake, Texas. Both plants will have the same initial capacity, and both will have the advantage of natural gas for fuel and splendid transportation facilities. The Company's purpose in both plants will be:

First—A Steel and Malleable Iron Casting Foundry—to manufacture Malleable Iron and Steel Castings at a larger net profit than by any other known process. THIS WILL BE THE ONLY PLANT OF THIS CHARACTER IN KANSAS CITY, and we are already assured of orders that will tax the full capacity of this department. This department alone will pay big returns on the total investment.

Second—A Portable Crude Oil Refiner and Burner—to manufacture Special Machinery for Refining Crude Oil at the wells. These machines can be manufactured at a nominal price for great profit, and they will REVOLUTIONIZE the Refining of Crude Oils. The use of this machine makes it possible to refine crude oil at 50 per cent less than by present methods. The Burner is the only satisfactory one invented.

Third—A Crude Oil Engine—to manufacture a Crude Oil Engine which is destined to SUPERSEDE the present gasoline engine, because the same initial horse power can be developed at one-half the present fuel cost. These engines can be used wherever the gasoline or steam engine is used. The special Crude Oil Burner manufactured by this Company can be affixed to any stove, furnace, or boiler at low cost and large profit. The use of this Burner will make it possible to heat, cook, and steam at less cost than by using natural gas, gasoline, kerosene, wood, or coal. Just think of an engine that will develop the same horse power at half the cost. No need to use gasoline, coal, or even denatured alcohol; just crude oil at less than 60c per barrel, instead of gasoline at \$6.30 per barrel.

Our Monthly Payment Plan

Gives everyone, rich or poor, an opportunity to become a stockholder in one of the big industries of the country. The proposition is up to you. If you neglect to investigate it and learn for yourself what an investment in this stock means to your future you have yourself to blame.

You can buy stock now at 25 cents per share and have several months' time to pay for it. It will pay you to buy all you can carry before the advance, as stock with such value behind it cannot remain long at such a low price.

\$10 buys 40 shares of stock, payable \$5 down and \$1 per month.
\$50 buys 200 shares of stock, payable \$15 down and \$5 per month.
\$100 buys 400 shares of stock, payable \$30 down and \$10 per month.
\$250 buys 1,000 shares of stock, payable \$50 down and \$25 per month.
\$500 buys 2,000 shares of stock, payable \$50 down and \$50 per month.
\$1,000 buys 4,000 shares of stock, payable \$100 down and \$100 a month.

F. C. Vincent, Fiscal Agt.

**425 Gibraltar Bldg.,
Kansas City, Mo.**

Please send me all information regarding the Crude Oil Power Co.

Signed

Address

NOTE—Write name and address plainly.

W. L. DOUGLAS

\$3.50 & \$3.00 SHOES FOR MEN
W. L. Douglas \$4.00 Cilt Edge Line
 cannot be equalled at any price.



W. L. DOUGLAS MAKES & SELLS MORE MEN'S \$3.50 SHOES THAN ANY OTHER MANUFACTURER IN THE WORLD.

\$10,000 REWARD to anyone who can disprove this statement.

If I could take you into my three large factories at Brockton, Mass., and show you the infinite care with which every pair of shoes is made, you would realize why W. L. Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe.

W. L. Douglas Strong Made Shoes for Men, \$2.50, \$2.00, Boys' School & Dress Shoes, \$2.50, \$2.15, \$1.50
CAUTION.—Insist upon having W. L. Douglas shoes. Take no substitute. None genuine without his name and price stamped on bottom. Fast Color Eyelets used; they will not wear brassy. Write for Illustrated Catalog.
W. L. DOUGLAS, Dept. G, Brockton, Mass.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

There were six women in the party; they were all wives, and three of them were grandmothers. As they left the dining room after luncheon, the hostess remarked that she wanted their advice for a young man who had appealed to her as editor of the Home Department. "You will understand better if you hear his letter," said she, walking toward her desk and picking up the open missive, "so I shall read it aloud to you. Here is what he says:"

A young man age twenty-eight and a lady of twenty-five are engaged, but have decided to delay marriage a few years. On Sunday he takes her to her people, with whom she does not stay during the week, but frequently visits them. The older sisters usually constitute the other company at the home. (1) Can the young man expect her to visit with him alone a good share of the time? (2) If the stay of the couple at the home during afternoon and evening lasts four or five hours would an hour after others have retired be all that a young man ought to demand of her company exclusive? (3) If she who is acquainted with the ways of the world, possessing a high school education, and does her own thinking, treats former suitors, with whom she has had many good times, just as friendly and familiarly as before, can the young man base any conclusions on that as to whether there existed sufficient congeniality, liking or love between them?

"Tell him to trust the girl, said white-haired Dr. A., almost before the last word had died into silence. "His trouble is that he is mistrusting the woman he asked to be his wife. My prescription is: 'Daily doses of trust—large doses—repeated regularly until the malady disappears.'"

"Tell him he should marry the girl at once if he wants her all to himself," said Mrs. W., a little Irish gentlewoman of the old school. "If he lived in the old country, he wouldn't be allowed to see a girl even one hour after the family had retired."

"Not after they were engaged?" queried Mrs. H., who was wearing one of her trousseau frocks.

"Certainly not. Then less than ever. Engaged girls are most carefully guarded. Except walking a few times, I was never alone with my husband until after we were married. Such a thing as an engaged girl sitting up alone with her lover would have been thought positively indecent where I was brought up."

"Well, it's different in this country," said Mrs. M., the mother of Mrs. H. "We go too far the other way, perhaps, but I believe young people should be given opportunity to become thoroughly acquainted, which they cannot do in company. They should learn each other's tastes and characters, so that if they are unsuited they may find it out before marriage, instead of after."

"Well, what would you say to the young man, then?" asked the hostess.

"Oh, I don't know. So much depends upon circumstances. One thing I do know, I don't believe in young people courting after the family has gone to bed. But we haven't a word from Mrs. P. What would you say to the young man?"

"I don't know, exactly," responded Mrs. P. "Like you, I believe young folks should be permitted to see a good deal of each other. I think perhaps those sisters might take themselves off a little earlier, or at least withdraw to some other part of the room. I should be in favor of giving the young couple more time alone, but in the earlier part of the evening. While we trust our girls and our lovers, we all know that many a heart-break has come from too much liberty in this direction."

"Better advise the young man to give his sweetheart or her sisters a gentle hint along the line Mrs. P. suggests, Mrs. Editor," said Mrs. M. "And now, what was the other question?"

"I noticed that one specially," said the bride. "I don't understand an engaged girl caring for the company of other men."

The company smiled, and the hostess murmured: "Circumstances alter cases." "Yes, indeed," echoed gentle Mrs. P., "and I don't see why a girl should give up all her men friends, or even change her manner to them, just because she is engaged—particularly if the engagement is to last for a considerable time."

"Now, we've all said our say; tell us what you intend to say to him, Mrs. Editor," said Mrs. M., turning to the hostess. The editor smiled and shook her head. "Giving editorial advice is

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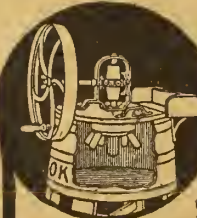
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pretty serious business. I don't know yet what I shall say to him. I shall have to think it over."

She has thought it over. What she thinks, you shall hear next week.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.
 We cannot make bargains for blisses.
 Nor catch them like fishes in nets;
 And sometimes the things our life misses
 Help more than the things which it gets.
 —Alice Cary.

For us—whatever's undergone,
 Thou knowest, willest, what is done.
 Grief may be joy misunderstood:
 Only the Good discerns the good:
 I trust Thee while my days go on.
 —Elizabeth Barrett Browning.

THE THANKSGIVING TABLE.

If you cannot get autumn leaves or flowers for the Thanksgiving table use crepe tissue paper. Cut out leaves and spread on the table—maple leaves, oak leaves or ivy leaves look the best against the white tablecloth. The fruit—apples and oranges—may be placed in a dish lined with green tissue paper. Deep yellow and orange paper doilies under the white or blue and white china add to the decorative effect.

THE THANKSGIVING DINNER.

The Thanksgiving dinner is primarily a family dinner, and because of that fact more

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than any other great care should be exercised in the appointments and the serving. Be sure to have a pumpkin as a center piece. Cut it out about one-third from the top and fill it to overflowing with the prettiest fruit you can find, including small red apples and Malaga grapes. If the room is to be darkened, or if your dinner is to be served at night, the candle shades for the table may be yellow. At each place a little paper-mache turkey with the name card attached

IOWA FARM GATES



Swing over the Snow

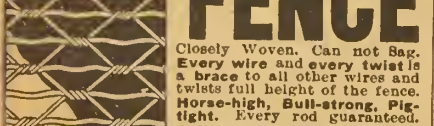
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will be unique and amusing. For the menu the following is suggested:

Consomme. Oyster Dressing.
Roast Turkey. Gravy. Mashed Potatoes.
Sweet Potatoes. Turnips. Pickles.
Waldorf Salad. Walnuts. Ice Cream.
Pumpkin Pie. Coffee. Raisins.

The Consomme—Serve the consomme in cups, and the following is a good recipe: Take a good strong stock, remove all fat from the surface, and for each quart of the stock allow the white and shell of one egg and a tablespoonful of water, well whipped together. Pour this mixture into a saucepan containing the stock; place it over the first and heat the contents gradually, stirring often to prevent the egg from sticking to the bottom of the saucepan. Allow it to boil gently until the stock looks perfectly clear under the egg, which will rise and float on the surface in the form of a thick white scum. Now remove it and pour it into a folded towel in a colander set over an earthen bowl, allowing it to run through without moving or squeezing it. Season with more salt if needed and serve quickly very hot. This should be a clear amber color.

Roast Turkey—Select a young fowl and after thoroughly cleaning wipe it perfectly dry inside and out with a clean cloth, rub the inside with salt and stuff the breast and body. Dredge with flour, rub on a little soft butter, sprinkle with salt and pepper, place in a dripping pan and pour in a cup of boiling water. Baste often and when pierced with a fork if the liquid runs out perfectly clear, the bird is done.

Dressing—For an eight or ten-pound turkey, cut the brown crust from pieces of stale bread until you have as much as the inside of a pound loaf; put it into a suitable dish and pour tepid water over it; let it stand one minute, as it soaks very quickly. Now take up a handful at a time and squeeze it hard and dry, placing it as you go along into another dish; this process makes it very light. When it is all dry toss it up lightly with the fingers, add pepper and salt, a teaspoonful of powdered summer savory and the same amount of sage, a half cup of melted butter and a beaten egg. Also add half a can of oysters, slightly chopped. Work all together and it is ready.

Sweet Potatoes, Southern Style—Select potatoes of an even size and pare them carefully and smoothly. Cover them with water as soon as pared that they may not turn dark. Put over the fire with enough boiling water to cover them and cook until almost done, when the cover should be removed from the saucepan and most of the water allowed to boil off. Now add a generous piece of butter and two or three tablespoonfuls of sugar. Allow the potatoes to remain in this and cook not too fast until a thick sirup is formed when they should be put in a covered dish and the sirup poured over them.

Creamy Mashed Potatoes—Mash the potatoes while dry and hot in the vessel in which they have been cooked and drain with a strong wire potato masher until light and free from the slightest lumps. Add about a tablespoonful of butter to eight good sized potatoes, half a cupful of rich hot milk, a heaping teaspoonful of salt and a little pepper. Whisk well up together in a creamy light mass with a large strong silver fork and serve in a hot dish.

Waldorf Salad—Mix equal parts of fresh celery and tart apples cut into small dice. Add to this the meats of English walnuts cut in pieces not too small. Pour over this a good French dressing to which a generous supply of cream has been added and serve at once. A nice way to serve this salad is to hollow out smooth red apples into cups, place them on a lettuce leaf and garnish the top with the nut meats and a nasturtium blossom or a small sprig of parsley.

Pumpkin Pie—One quart stewed pumpkin pressed through a sieve; nine eggs, whites and yolks beaten separately; two scant quarts of milk, one teaspoonful of mace, one teaspoonful of cinnamon, and the same of nutmeg; one and one-half cupfuls of very light brown sugar. Beat all well together and bake in a crust without a cover.

SAD TIME FOR THEM.

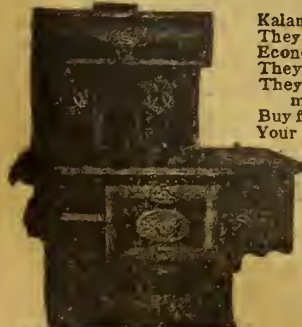
Of what are the turkeys thinking
Out yonder in the yard,
With their red eyes sadly blinking?
Do they think their fate is hard?
Are they on life reflecting
And to hear their final call
Each moment now expecting?
No; turkeys don't think at all.

AMONG OURSELVES.

Although initials are easily forgotten I have an idea—the wish is father to the thought—that the friends have not forgotten I. R. M. B., who gave us such fine letters a couple of summers ago when the "farm drudge" was being discussed. Today she comes with some little stories from life and some characteristic comments upon the situation which prompted them:

I mean to tell you some stories, and I want the girls particularly to listen, for they are true stories. Daisy was a pretty, fair-haired girl, an only daughter, and because she was pretty and bright she was duly spoiled with flattery and attention. And because her hands were so dainty her mother made her own more brown and calloused that they might remain so. And because her refined little nose objected to the smell of the cows and chickens and soiled clothes and all the many necessary, if objectionable, things of life, Daisy was dressed and schooled and taught music and art as if she were the daughter of a millionaire instead of a most ordinary American farmer. Eventually she became about the silliest little useless snob of a creature you ever saw. She even turned up her refined little nose at her coarse parents and brothers. And then the proper thing happened. Daisy married what turned out to be a plain farmer, who promptly became a bed-ridden invalid, while Daisy became the mother of two children. Now, I suspect the human mind could not devise worse torture than that otherwise sensible father and mother had unwittingly inflicted on their child, for her husband refused to eat the bread of charity, and—well, I know Daisy peddled books and washed and I don't know what else, but I do know she became a most excellent woman. And Fannie was a nice, quiet little brown-faced girl, who was always busy. She did not believe in girls working out of doors, or did not think of it, I don't know which, and she reared her girls in the same fashion. Supper was always ready when Joe came in, but it had largely come from the store, for there was little or no garden, and Joe did the chores and the milking, and Fannie and the girls went to bed. She reared the babies and kept house, nothing more. Perhaps it was enough, but Joe died of consumption, and the oldest boy took up the burden of work necessary to keep mother and the girls. He found it too heavy, fell a victim to disease, and Fannie and the girls were without a provider. As they had never known the luxuries of life, there were the necessities only to be cut off. Two girls married to escape poverty—to find there are worse things. Fannie moved to town and bought a house and lot, put away the rest of her money for old age or sickness, and "took to the tub," put the other girls out to work and the remaining boy on the street, and if she doesn't one day shed bitter tears over a felon's grave—well, Providence may intervene. And she had money sufficient to buy a small patch of ground and was close to a splendid market for eggs, cream, berries or anything select. I had intended to tell you of two women pinning up their skirts and with "rub ons" and steaming blankets relieving the sweating agony of a valuable horse until men and a veterinarian could be reached, but some caustic-minded person might say I would require my girls to take a veterinary course and I would not. I would simply ask them for the sake of dumb animals, if for no other reason, to learn a little of their needs in your life on the farm. If they did father wouldn't think any "old nag" good enough for "the girls" to drive. I have told you these stories (and I could multiply them indefinitely) because although many women's lives are ruined by becoming farm drudges, this does not prove that the principle of helping is wrong. I have personally known many more families reared without a home of their own, many more lives ruined and ambitions effectually blighted by a woman's incompetence, than I have known of the other sort. Yet there is a woman in between these two who profits by the mistakes of both. She does not pine for a career, for she is wrapped up in her husband's career, is a part of it, and she contrives that he shall recognize the fact. She considers a floor scrubbed every day a luxury which, for the present, she must forego if there is no home, or a heavily-mortgaged one, and she can be of service outside. She remembers that sheets, towels, babies' napkins, etc., are sweeter and just as comfortable unironed, and time and fuel

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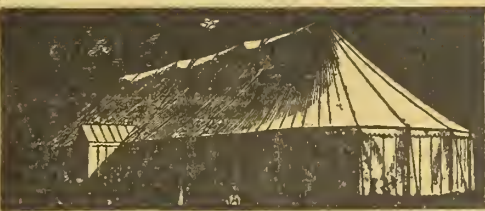
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are saved. She economizes her time that she may help toward this great undertaking—the building of a home together—and when her services are not recognized she properly withholds them for a time. She is too refined to eat the bread of idleness, the product of the labor and sweat of another. Knowing the influence she has on her husband's life, she has in mind a master model and shapes him toward it, and helps build the best possible home, and I am sure in old age she enjoys the living it over again and again.

I feel constrained to quote a paragraph from the note which accompanied I. R. M. B.'s article for Among Ourselves, it reads:

Life is a school; we should not sigh for the play ground when we should be about our books, and for those who deliberately choose the play ground there is the emptiness of play and the one-sided development which follows.

Latterly we have a man on the program almost every week. This time it is Mr. C. E. K. As he seems a manly, straightforward sort of fellow everyone will be interested in what he has to say:

I have been interested in the various articles called forth by Mrs. Streeter, but I have not heard any satisfactory answers to the various questions propounded by her. It seems to me that the lives and influence of such women as Clara Barton, Frances Willard and Susan B. Anthony and other noble, self-sacrificing souls, should be a sufficient answer to the article in last week's Home Department by Mr. R. S. In regard to Mrs. Streeter's first question, why men pretend to have contempt for women just because they are women? To endeavor to answer this, one must admit it is true, which I am not ready to do. No doubt some men of small minds may profess contempt, but I believe the great majority of men hold women in the highest esteem, and regard them as man's superior in things moral and spiritual, and his equal in all other things except physical strength. No. 2. Why do they hate to go to church as a general thing? Again, no doubt large numbers do not go because during the week they mingle with and meet men



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and do not feel the need of the social part of the service, and do feel they need the quiet and rest of a home on the Sabbath. But on the other hand I know an equally large

number of men who every Sunday (weather permitting) usher their little flock into the sanctuary. "Why do they grow?" etc. My only answer is that "to err is human," and that's the man; and "to forgive is divine," and that's the womanly part of it.

I have been uncertain as to the place on the program it would be well to place the person who comes to us under the pseudonym of Cousin Hardmaster—probably this is as good as any:

In obedience to your editor's request for names of correspondents, I will introduce myself at once as Cousin Hardmaster. That is my true name. I am at home in any community large enough to organize a granger's society. I come on behalf of myself and family, of whom Mr. R. S. is a valued member, to thank the ladies who have written letters telling what splendid helpers they are. My old mother used to say, "A woman that ain't self-sustaining ain't worth having." I think so, too. And when she saw a woman mincing along with a veil over her face and gloves on her hands and holding a parasol over her head, she used to say, "That woman hasn't hurt herself working." She herself took great pride in numerous ailments brought on by exposure and hard work and spoke of them continually. I don't like women who are afraid of hurting themselves working. But when I tell my wife that, she goes into a corner with the baby and cries. Then, to cheer her up, I read some of your rousing letters to her. "There!" I say, "you can see there are women who aren't afraid to work. A man would make money if he had a helper like that." Say, girls, when you want homes of your own, just remember there are a lot of my relations looking for you. Nice, helpful fellows who will make it just as easy for you to bring the water for your washing as to carry pails of milk from the cow yard. Bring your pianos along. There will be no objection, I guess, to your playing if you want to, after the chores are done.

It is not often that Cousin Hardmaster and his relatives show their real nature when they are seeking wives; they follow the lead of his Satanic majesty who, according to the story, proved as long ago as Eden days that it pays to disguise oneself as an angel of light. The only comfort about this family is that it is slowly, but surely, dying off. A generation of intelligent, noble mothers would see it extinct.

Although Agricola rarely lifts up his

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\$25 ON 5 TON IS WHAT YOU CAN SAVE. We make all kinds of scales. Also B.B. Pumps and Windmills. **BECKMAN BROS., DES MOINES, IOWA.**

voice here Among Ourselves, I fancy, he slips into a quiet corner every once in a while. I hope he is here this week to get the benefit of XXX's good natured rallying:

Poor Agricola! Where do you live, where have you lived, not to know the "golden tints of autumn" are a reality? The apple trees and berry bushes in this vicinity are still wearing their summer dresses, but Miss Maple here by the window has a new yellow dress, and her sister over by the well lately came out in a yellow dress with a crimson overdress, or is it a crimson dress with an overdress of golden net? And all their relations are wearing similar gowns. Stately Miss Poplar is wearing the same dress of emerald green that she wore at the flower show last June; but she has retrimmed it with polka dots, and French knots, and dear knows what of yellow, and wears a magnificent corsage bouquet of yellow and a glowing golden tiara. The old elm on the hill at the corner of the cross roads stretches its naked arms above the passers by, hut over in the corn field a noble specimen of those graceful trees bears a magnificent globe of old gold; and all along the lane the same variety of trees are supporting delicate draperies of filigree in old gold. All around, among the gay throng, cotton woods, like old heaux, may be seen donning their buff waistcoats and straw-colored ties. Staid hickories, the chaperons of the company, as becomes their position, are dressed in soberer hues; yet even they have yellow ribbons in their caps and the linings of their russet mantles are plentifully besprinkled with gold. I think I should say "brilliant autumn hues," for the white oaks are donning their "Joseph's coats;" the sumac is hanging out scarlet pennants, and that old tree, denuded by successive storms, is reclothed by festoons of flaming ivy. Soon after the first frost Dame Nature brings out her color pots, and is as lavish of their contents as a little boy with his first box of colored crayons. Not a leaf, not a tree, but banks on banks of the most gorgeous coloring! Gold there is in plenty, every shade of red from flaming scarlet to delicate pinks, browns, grays and a generous sprinkling of greens; such a profusion, such a confusion of color, that no mortal painter has ever been able to copy it, no inspired poet has ever adequately described it. Yet such a harmonious whole, the eye never tires, the saddest heart must respond with a thrill of gladness. Ah, Agricola, I have sat at your feet, like Paul at the feet of Gamaliel, learning of the old, old world, and then of the new; I have revered your learning, I have admired your optimism, I have joyed in your floral treasures, I have profited by "the madam's" poultry suggestions as set forth by your pen, I have pointed with pleasure at the dignity with which you upheld the farmer's calling, but I pity your skepticism about "autumn's tints," and I am scandalized, yes, scandalized, that you should characterize the rhapsodies of the poets as (oh, awful word)—"hosh."

Since XXX penned these words the leaves have lost much of their beauty. It is a pity we could not have had them when they could have been verified by glancing out of the windows or strolling down the lane. Agricola would seem to be left "without a leg to stand on." If he can still maintain his position we shall be pleased to know how he does it.

Dressmaking and Millinery—No. 544.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

There is almost no end to the variety of colors worn this season, new ones being added from time to time, while the older ones retain their favor, but also from time to time we get something new in the way of a "tone" in some favored color, and just now the shade of blue most favored is hya-



[5472 Fancy Blouse Waist, 32 to 40 Bust.]

cinth, a deep soft tone similar to bluet, Russian green, a deep tone verging on the emerald and "Jacqueminot red," which is one of the wine shades. Then we have a new very rich shade of seal brown that promises to supersede the other shades in this popular color. It is well to keep posted in "shades" as well as colors from season to season, for in these fashion changes quite as rapidly as in the cut of our garments, and while we

"Buffalo Calf" Shoes Can't Rip

COMMON shoes often rip in the seams before their soles are half worn through. That is because they are sewed with ordinary thread which begins to rot the first time it gets wet. "Buffalo Calf" Shoes are sewed with waxed thread which is not affected by water. The back seam is "cylinder fitted," to give it extra strength, and where the vamp is joined to the upper, the seam is sewed with three rows of stitching—one more than on other shoes—and all with waxed thread.

"Buffalo Calf" Shoes don't have to be broken in, because their tops are made from the skins of young cattle, raised inside, and these skins are tanned by a special process, and softened, like Indian buckskin, by "boarding" and handworking. Leather so handled is freed from all the tanning juices and will not harden after a wetting. The shoes always dry out soft and easy to your feet.

Old cattle have age wrinkles that stiffen their hides. These come sooner on old cattle than on those raised inside. Their skins have to be tanned with powerful chemicals and bark juices, and the leather can be softened only by artificial greasing. The acids and tan juices left in such leather, draw and irritate your feet.

The leather in "Buffalo Calf" Shoes is tough and close grain, because made from hides of cattle killed in July, August and September. Only such hides are known as "short hair hides." They are fine, close grain and very tough. Animals slaughtered in winter and spring have "long hair hides" with coarse, loose fiber, because much of the strength of the skin goes into the heavy winter coat of hair.

The soles of "Buffalo Calf" Shoes are made from Hemlock tanned Texas steer hides, and their heels, counters, insoles and slip soles are all solid leather. We use no "horn fiber" nor moided counters. Linings of "Buffalo Calf"

Shoes are heavy twilled duck—seamless so there will be no edges to roll up and chafe and blister your feet.

Under the toe caps of all "Buffalo Calf" Shoes, the vamps go clear over to the soles. So if you wear the toe caps out, the vamp toes under them are still good.

These are the main reasons why "Buffalo Calf" Shoes

Out-Wear All Others.

They will stand all the hard knocks you can give them. Weather makes no difference. Neither snow, ice, mud nor water have any effect on "Buffalo Calf" Shoes.

Ask your dealer for "the shoes with the Buffalo Calf." Every pair of "Buffalo Calf" Shoes has tied to the straps, a piece of our special vamp and upper leather, cut in the shape of a buffalo calf. If you can tear this piece of leather with your fingers, we will give you a new pair of shoes FREE.

If your dealer does not carry "Buffalo Calf" Shoes, write to us for one of the leather buffalo calves to test, and then tell him about it.

"Buffalo Calf" Shoes are made in all sizes—men's, youths' and boys'—they will outlast any others you can buy, and they don't cost any more than common shoes.

Why should you pay good money for common shoes that have to be broken in—that draw, chafe and blister your feet—that cause corns, bunions and callouses—and that are bound to rip long before you can get half the wear you should out of the leather, when you can just as well—and for the same money—or less accordingly—get shoes that are always soft, can't rip and will outwear and outlast any others made.

In "Buffalo Calf" Shoes you get your money's worth always. Insist on getting them. Remember the little Buffalo Calf tied to the straps. Ask about it and tell your dealer how tough the leather is. If he refuses to investigate, write direct to us.

Bentley & Olmsted Co., "The Western People," Des Moines, Ia.

OUR RED LETTER

Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date190..

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

Name

Postoffice

Rural Route State

may not always be able to lay aside such as are declining in favor we may keep ourselves more nearly up-to-date by avoiding the purchase of these when selecting new.

Much has been said about buttons and their very general use on all kinds of garments whether in the way of use or mere ornament, but I think nothing has been said of the novelty in plaid buttons for either purpose. These may be had in glass and enamel, and vary in size from the very small to the size of a dollar. Of course you understand that in the number used the size is taken into consideration, and that only in the very small sizes are they used in groups and in numbers. On a plaid garment these would be especially effective applied on hands of braid or cloth in a plain color harmonizing with the predominant tone in the plaid. They are effective also when plaid trimmings are used on plain material.

No. 5472 shows a fancy blouse waist that may be used as part of a costume or as a separate waist, and it may be developed in one material or in a combination, as liked. For instance the trimming hand and other touches may be of the material trimmed in any of the modes heretofore suggested, or it may be of velvet or taffeta, braid trimmed or lace trimmed, and having the rosettes as pictured, or for these any of the button modes of trimming may be substituted. On plain material plaid silk or velvet may be used for trimming hand, for belt and to

Gold Watch FREE AND RING

We positively give both a Solid Gold Laid STEM WIND American movement Watch highly engraved and fully warranted timekeeper equal in appearance to a Solid Gold Watch, also a Solid Gold Laid Ring, set with a Famous Congo Gem, sparkling with the Berry Brilliance of a \$50 diamond, for selling 20 pieces of hand-saws and when sold send us the \$2.00 and we will positively send you a Gold Watch and Ring, also chain, Ladies or Gents style. **ALTON WATCH CO., Dept. 131, Chicago.**

finish the bottom of the sleeves. The waist is made over a fitted lining on which the chemise is arranged, and this may be of lace as represented, or it may be of any material used for such purposes. The closing is made invisibly at the back. Pattern No. 5472 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering.

The Princess gown is still a favorite, and no prettier design has been seen than that illustrated in No. 5458. Its many long lines are a feature that is appreciated both in the making and the wearing, as it is more easily fitted than is a design having fewer seams, and gives a slender appearance to even a partially heavy figure. The lace yoke is applied over the material, or the material may be cut away if preferred. This, how-

ever, after the yoke is adjusted. The sleeves may be in elbow or full length, the pattern providing for the close fitting lower portion to be used if desired. I may repeat what I have often said in connection with these Princess designs, that the amateur more often wants this design as a foundation for a home dress or wrapper than she does as a dressy toilette because she hesitates to undertake the work on expensive material. The trimming design as shown is



[5488 Princess Gown, 32 to 40 Bust.]

part of the pattern and is novel and pretty for whatever purpose the garment is intended. This garment is shown closed invisibly at the back, but such are frequently closed with small buttons, a row of these extending from the neck to the bottom of the skirt. One may easily arrange to have the garment front closing. The pattern No. 5488 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

Whitehall Duroc Sale.

Breeders from several states were present at the second semi-annual Duroc sale of the Whitehall Combination Sale Company, of Yellow Springs, Ohio. These sales are held at the noted Whitehall Farm, owned by Mr. E. S. Kelley, well known as a breeder of Short-horn cattle. Messrs. S. E. Morton & Co., of Camden, Ohio, and the following breeders of Yellow Springs are members of this company: Messrs. E. S. Kelley, C. E. Speaks, G. H. Fogg and G. D. Black. Each of these

gentlemen consigned stock to this sale. The offering was one of the best the writer has seen put through the sale ring this year. Uniformity of type and the absence of poor-footed hogs were the most noticeable facts concerning the offering. The breeding was of the best to be found anywhere. The get of numerous prize-winning boars throughout the entire country was included in this offering. No sensational prices were paid, but numerous bargains were secured by those present. Messrs. Manning Bros., of Chillicothe, Ohio, topped the offering, paying \$130 for a son of Model Chief. This boar gives promise of developing into a prize winner this coming season. Mr. Ira Jackson, of Tippecanoe City, Ohio, topped the female offering, paying \$76 for a granddaughter of Dictator Chief. This sow was of the ideal brood sow type and bred to one of Mr. Jackson's noted boars should produce something exceptionally good. Colonels Vinnedge and Isenhower conducted the sale in a very satisfactory manner. Animals selling for \$25 or over are listed below:

Lot.	Price.
1. J. C. Herrod, Lima, Ohio.....	\$29
2. Henry Heyer, Jeffersonville, Ohio....	41
3. J. E. Free, Good Hope, Ohio.....	42
4. Thos. Johnson, Columbus, Ohio.....	60
5. C. E. Speaks, Yellow Springs, Ohio....	38
7. Clarence Slants, Yellow Springs, Ohio..	42
8. E. S. Kelley, Yellow Springs, Ohio....	41
10. C. E. Speaks.....	35
11. S. R. Quick & Son, Gosport, Ind.....	37
12. Clarence Labron, South Charleston, Ohio.....	31
13. J. C. Herrod.....	32
15. H. E. Watson, Edinburg, Ind.....	36
16. Wm. Drake, Melvin, Ohio.....	75
17. S. R. Quick & Son.....	30
18. Daniel Gearhart, Yellow Springs, O....	31
19. C. B. Ream, Lima, Ohio.....	46
21. Thos. Johnson.....	60
22. Wm. Drake.....	51
23. S. E. Morton & Co., Camden, Ohio.....	60
24. E. S. Kelley.....	50
25. Ira Jackson, Tippecanoe City, Ohio....	76
26. A. E. Foster, New Salem, Ohio.....	46
27. J. C. Loose, Clifton, Ohio.....	38
28. J. S. Fry, Xenia, Ohio.....	32
29. Henry Heyer.....	40
30. H. B. Griffiths, Bowen, Ill.....	43
31. Thomas & Hogsett, Golden, Ill.....	50
32. Manning Bros., Chillicothe, Ohio.....	56
33. Geo. Kerr, Sabetha, Kan.....	60
34. V. E. Jordan, London, Ohio.....	37
35. L. L. Circle, Springfield, Ohio.....	32
36. W. B. Cline, Camden, Ohio.....	45
37. L. H. Jones, Yellow Springs, Ohio....	31
38. Henry Heyer.....	26
39. C. E. Kimm, Blairstown, Iowa.....	30
40. J. Chilton, Campbellsburg, Ky.....	32
41. A. E. Foster.....	51
45. J. Chilton.....	81
46. Grant McClintock, Catalpa, Ohio.....	45
47. Geo. Hall, Kenton, Ohio.....	34
Extra boar, 54, Manning Bros.....	130
48. Fred Bauer & Son, Eastwood, Ohio....	42
49. S. R. Quick & Son.....	70
50. John Henderson, Panora, Iowa.....	50
51. S. S. Puckett, Lynchburg, Ohio.....	31
52. John Fry.....	35
56. M. R. Grinnell, Yellow Springs, Ohio..	35
Extra, L. H. Roberts, Paton, Iowa.....	44
57. Watt & Foust, Cedarville & Xenia, O..	36
59. G. T. Sallee, Westfield, Ill.....	38
60. S. P. Langdon, Sabina, Ohio.....	26
64. H. E. Watson, Edinburg, Ind.....	47
6. Chas. Labron.....	29
55. M. R. Grinnell.....	35
61. V. E. Jordan.....	61
62. E. S. Kelley.....	27
63. M. R. Grinnell.....	37

SUMMARY.

60 head\$2,542.80; average....\$42.38

Lucas County Short-horn Show and Sale.

Lucas county Short-horn breeders are fast developing a strong organization for stock breeding. On Wednesday of last week they held a very notable show of breeding stock at Chariton, Iowa. In all 102 head were on exhibition and the town and large show barn were crowded with farmers who felt it fully worth their while to leave the corn field, while many breeders came from a distance for the sale which followed. Women and children were quite in evidence and with a little more help from the people of Chariton this affair can be made one of much importance, besides being of high educational value. Mr. W. H. Pew, of the agricultural college, made the awards, and though rivalry was keen in many classes, his work was very satisfactory. A most friendly spirit prevailed throughout the show, which indicates a strong organization and augurs for much success in future exhibitions. A parade of the prize winners took place just before the sale opened, after which Col. Geo. P. Bellows congratulated the association for the showing they had made and encouraged breeders to buy good stock then give it the proper care and the results would be right. A list of those animals selling above \$75 follows:

Lot.	Price.
1. Hall Bros., Weldon, Iowa.....	\$150.00
2. J. W. Van Benthuseu, Chariton, Ia.....	175.00
3. C. W. Ramsey, Oakley, Iowa.....	110.00
4. J. Nichols, Indianola, Iowa.....	150.00
5. C. W. Huntley, Chariton, Iowa.....	105.00
7. J. T. Remington, Murray, Iowa.....	120.00
8. W. L. Costello, Melrose, Iowa.....	75.00
65. W. E. Hanks, Cleveland, Iowa.....	90.00
66. J. E. McCorkle, Chariton, Iowa.....	92.50
69. Huntley & Son.....	75.00
72. Guy & Fleisher, Indianola, Iowa.....	82.50
84. Same.....	77.50
86. W. E. Ashby, Chariton, Iowa.....	80.00
91. H. F. McCullough, Hurmeston, Iowa.....	82.50

Watson Duroc Sale.

Mr. H. E. Watson, of Edinburg, Ind., held one of the best sales this season that has ever been held in Indiana. The offering was a very good one and the breeders of Indiana realized this fact and were present in large numbers. A daughter of High Chief, one of the best sons of Ohio Chief, sold for \$605, the highest price ever paid for a Duroc sow in Indiana or Ohio. The entire offering of fifty-two head sold for \$2,577, an average of \$49.56. Colonels Vinnedge, Isenhower and Tibbett conducted the sale in a satisfactory manner. List of animals selling for \$25 or over given below:

Lot.	Price.
60. G. W. Smith & Son, Shelbyville, Ind.....	\$605
1. Joshua Rothrock, Centerton.....	31

FEMALES.

Lot.	Price.
60. G. W. Smith & Son, Shelbyville, Ind.....	\$605
1. Joshua Rothrock, Centerton.....	31



Have You A Cold Room?

In most houses there is a room without proper heating facilities—to say nothing of chilly hallways. Even though the heat of your stoves or furnace should be inadequate to warm the whole house there need not be one cold spot if you have a

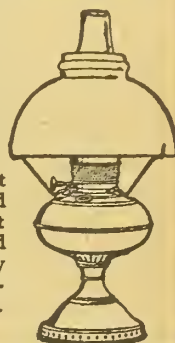
PERFECTION Oil Heater

(Equipped with Smokeless Device)

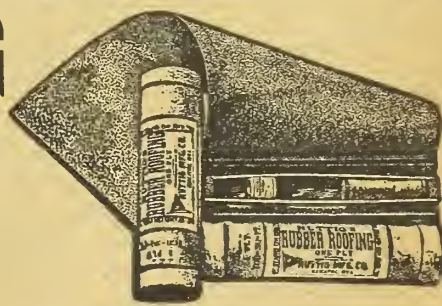
It will heat a room in no time and will keep it warm and cozy. Operated as easily as a lamp and perfectly safe. Wick cannot be turned too high or too low. Gives no smoke or smell because fitted with unique smokeless device. Can be carried about, which cannot be done with an ordinary stove. The Perfection Oil Heater is superior to all other oil heaters and is an ornament to any home. Made in two finishes—nickel and japan. Brass oil fount beautifully embossed. Holds four quarts of oil and burns nine hours. Every heater warranted. If not at your dealer's write nearest agency for descriptive circular.

THE Rayo Lamp is the safest and best all-round household lamp. Made of brass throughout and nickel-plated. Equipped with latest improved burner. Every lamp warranted. An ornament to any room whether library, dining-room, parlor or bedroom. Write to nearest agency if not at your dealer's.

STANDARD OIL COMPANY



ROOFING THAT WILL LAST.



What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.

Call for Booklet B.

OUT-WEARS TWO PAIRS

If our boot does not outwear two pairs of the best quality rubber boots we will refund your money. The

Rubberhide Boot



has best reinforced rubber upper; heavy out sole of best leather; inner sole of leather, with rubber welt sole between.

All joined together so securely that a team of horses can't pull them apart.

They are sewed, not pegged or nailed, and they simply cannot leak.

The heavy leather sole protects the foot from uneven surfaces, and makes the boot warmer in cold weather.

The leather inner sole prevents excessive perspiration.

Any cobbler can resole them; they can be hob-nailed if you like.

It is the most durable, comfortable and economical rubber boot ever made.

Will You Try a Pair?

If your dealer handles the Rubberhide, he will refund your money if it does not outwear two pairs of even the best rubber boots of other makes.

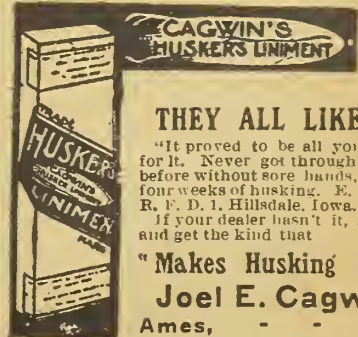
If he hasn't them, send direct to us for a pair on this guaranty. We pay express charges. Catalogue free.

Rubberhide Co., 612 Essex Bldg., Boston, Mass.

Save 50%

(all teachers' and dealers' discounts) on a violin or any other stringed instrument. Special discounts also on flutes and clarinets. 10 days' trial! Our large beautifully illustrated catalog explains and also gives valuable hints on the care of instruments and other musical information. Do not miss this offer. Write today for free Catalog No. 3.

Wm. R. Lewis & Son (Est. 1869) 920 Wabash Av. Chicago



THEY ALL LIKE IT.

"It proved to be all you claimed for it. Never got through husking before without sore hands, and had four weeks of husking. E. E. David, R. F. D. 1, Hillsdale, Iowa."

If your dealer hasn't it, send 50c. and get the kind that

"Makes Husking Easy."

Joel E. Cagwin,

Ames, Iowa.

WE WANT A LIMITED number of ambitious young men; most promising business going; \$2,000 to \$5,000 a year in it; we need workers rather than experience. Address Chicago Standard Merchandise Co. 52 Dearborn St., Chicago, Ill.

50. R. W. Shafer..... 51

BOARS.

1. Joshua Rothrock.....	31
12. Bent Wilson, Cambridge City, Ind....	47
11. John Clouse, Hope, Ind.....	31
27. J. A. Polk.....	34

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson VIII. Isaiah V, 11-23, November 25, 1900.

The World's Temperance Sunday.

Isaiah appears in a new role. The prophet becomes the temperance lecturer. The seer who has seen the Messiah, and described His person and kingdom, now stands forth as the public rebuker of the immoralities of his days. But there is no change of style or diction. He does not drop to vulgar familiarity, or facetiousness, or epithet. He maintains his dignity and his elevated mode of speech even when dealing with drunkards and drunkenness.

The extraordinary assonance of the exordium cannot be reproduced in translation. It is fairly mellifluous. But the jewels of the hilt detract nothing from the keenness of the blade. In the prophet's fearless hand, this highly-tempered and richly traced sword lays wide open the national heart with all its wicked thoughts and evil intents.

National opportunity and national responsibility are graphically pictured under the figure of the vineyard advantageously located, planted with choice seed, protected with wall and tower, and furnished with substantial wine-press. National failure is portrayed under the figure of the favored vineyard producing wild grapes. Retribution comes in the desolation of the vineyard. And now Isaiah's auditors feel the relentless grip of the iron hand beneath the velvet glove of his diction, as he says: "The vineyard is the house of Israel. What the Divine Planter expects from His vineyard is judgment and righteousness. What He gets is oppression and a cry!"

This graceful, but skillful and fearless, arraigner of public morals proceeds now to specifications under his general charge. He denounces the prevailing rapacity, the inordinate greed of those who increase their landed estates by foreclosing upon the unfortunate whom they have charged extortionate rates of interest. He arraigns those who, in violation of the reversionary clause of the Jubilee Law, illegally hold on to their ill-gotten estates. With an index finger of steel, he points out the irretrievable ruin involved in this violation of the divinely instituted agrarian law.

The second specification is drunkenness. The greed of money is accompanied by a greed for the pleasurable sensations of intoxication. Men pursue it as they would a remunerative occupation, rising early and continuing late at it. Others engage in it in a social and festive manner to an orchestral accompaniment. But both are equally forgetful of the Lord.

Violation of agrarian law spoils land; but violation of physiological law spoils men. The prophet's woe against the land is fulfilled to the jot. A land that once flowed with milk and honey is now

comparatively desolate, and its yielding power immeasurably decreased. But what is that compared with the fearful ruin of men impending? The prophet sees an endless procession in its descent to hell. It is a glorious multitudinous, pompous, and rejoicing procession; but on its way to hell, none the less. The harmless silken cords of the first stages of inebriety have grown to the size of cart-rope traces. But these drunken wretches are, in a measure, oblivious to the fact that they have degraded themselves to the level of dumb, driven cattle.

In the height of their drunken audacity they profanely and unbelievably challenge the Almighty. "Let him come on with His judgments. We would like to see of what manner they are." Their moral senses are so utterly perverted that evil is good to them, and good evil; darkness is light, and bitter is sweet. In the prophet's degenerate day the winetankard is the gauge of the hero. And there is such an utter perversion of public justice that the guilty never fails of an acquittal if he can furnish the bribe.

To receive this rapacious, drunken, skeptical generation, the jaws of hell are opened wide. His hideous tusks are still dripping with the blood of generations previously consumed. But the multitude already doomed and damned scarcely halts in its descensus Averno to listen to the prophet's fervid temperance address.

Analysis and Key.

1. Isaiah as a temperance reformer. Elevated mode of speech unchanged. Nothing lost in effectiveness.
2. National opportunity and responsibility under figure of vineyard. "The vineyard is the house of Israel." What is expected.
3. Prophet's arraignment. National response not judgment and righteousness, but oppression and a cry.
4. Specifications. (1) Violations of agrarian law. (2) Drunkenness.

The Teacher's Lantern.

The woe of God against the drunkard is not a capricious or sporadic affair. It is interwoven with the physiological constitution. The sources of retribution are not external, but internal. Every inebriate carries the fire and brimstone of his own hell in his very person.

The prophet talks by the book. He is true to physiological science, not of his date only, but of ours. He vividly depicts the imperceptible growth of the alcoholic appetite; the cord becomes the cart-rope. How soon the bon vivant finds himself in the hopeless treadmill of an uncontrollable passion! Hence-



EDDYSTONE
PRINTS

Simpson - Eddystone Black & Whites

Many beautiful, quiet patterns, appropriate for mourning dresses, as well as elaborate and attractive designs for every taste. Color absolutely will not fade.

Ask your dealer for
Simpson-Eddystone Black & Whites.
Three generations of Simpsons have made
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GUNS, HUNTING CLOTHING, RIFLES AND SPORTING GOODS GUARANTEED

Is Like Looking Through Our Big Store. The Largest, Cheapest and Most Wonderful SPORTING GOODS HOUSE in the World. WRITE FOR IT. It's No. 932
10,000 GUNS *Schmeider Arms Co.* KANSAS CITY MISSOURI

forth his might consists in his capacity to drink, and simple wine gives place to fiery concoctions. Then follows complete perversion of moral ideas. The denouement is death and hell.

There is a hint to modern temperance lecturers in this Old Testament temperance address. They are sometimes themselves intemperate. Intemperance can show itself, also, not only in the length of time and vital force wasted, but in the language used; in extravagance and vindictive vituperation.

Again the predilection for funny stories, the dramatic imitation of the drunkard's staggering gait and maudlin speech, "Ten Nights in a Bar-room," and all that, tend to familiarize youth with vice, and to minify the towering evil of our day.

Isaiah is the model temperance orator. His style is elevated and elevating. He is a conscious ambassador of God. His great heart is stirred to its depths. He depicts the case as it is. He stands across the downward track of a nation, and, with the self-obliviousness of a noble nature, uses every worthy argument and entreaty to stay its course.

Lyman Beecher was the Prophet Isaiah's style of a temperance reformer. One of my saintliest of stewards, in an early charge, startled me one day by admitting that he kept a barrel of whisky in a back room, and, like most shopkeepers, treated his customers; but on hearing Dr. Beecher, he went home, rolled the barrel into the yard, broke in the head, and poured the whisky on the ground. For sixty years he has not touched or tasted liquor himself nor offered it to others. He said that Beecher was like a flame of fire on his conscience. His logic was remorseless, his appeal irresistible.

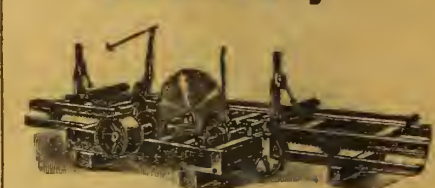
Lyman Beecher was the instaurator of a noble college of temperance apostles—President Hitchcock, Albert Barnes, Stephen Tyng, Wilbur Fisk, Eliphalet Nott, Moses Stewart, Francis Wayland, Leonard Woods, Justin Edwards. The prophecy of Dr. Tyng has its fulfillment. "The names of the good men who have founded and urged on this moral temple shall live in the hallowed recollection of millions as men of high and spotless honor." The imperative need of the hour is that men of this high intellectual, social and ecclesiastical grade shall supplant the shallow, illiterate, mercenary, political, and ranting order. Pray ye, therefore, that the Lord will send the Prophet Isaiah style of laborers into this vineyard.

Roach's Duroc Sale.

Mr. Jay Coy Roach, of Girard, Ill., held his first annual sale of Duroc Jerseys on Saturday, November 3d. On account of the day and because many breeders from a distance wished to reach home, there were not as many breeders present as in the preceding sales. Those who were in attendance, however, were much pleased with the offering, and the bidding was spirited throughout the sale except on the boars, which sold at low prices, considering breeding and quality. Few better herds are to be found anywhere than this one. Messrs. Fred Kraschel & Son, of Macon, Ill., topped the sale, paying \$200 for Jay's Model, a daughter of Model Chief. Her mother went to Mr. Oscar Miller, of Loami, Ill., at \$176, and was a bargain at that figure. Col. C. C. Keil opened the sale, and was assisted by Colonels McGowan and Organ. List of sales \$25 and over follows:

1 White & Dewey, Shannon City, Ia.	65.00
2 Ed A. Baxter, Pawnee, Ill.	65.00
7 Fred Allen, Ripley, Ill.	73.50
9 Fred Kraschel & Son, Macon, Ill.	100.00
10 Same	200.00

American Saw Mill Machinery.



Traction and Stationary Engines, Air Cooled Gasoline Engines, Separators, Shellers, Shreders, Hay Balers

We Repair Machinery of all Kinds.

CEDAR RAPIDS MACHINERY & SUPPLY CO.,
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RAW FURS AND HIDES

Established 1886,
and now the largest Hide and Fur House in Iowa. Fair dealing has been our winner. Write for Price Lists and Shipping Tags.
C. L. PERCIVAL CO.,
1102 Cherry St., Des Moines, Iowa.

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Ten weeks to the first student to enter the Southern Minnesota Normal College from any post-office, \$1 a week to all others. Board \$1.75, room rent, 50c per week. Study Teachers', Normal, Business, Shorthand, Law, Music, Art and Common School Branches. Enter at any time. Backward students receive special attention. Don't decide where to go to school until you see our catalog. Address,
CHAS. R. BOOSTROM, 962 College St., AUSTIN, MINN.

MONEY SAVING CLUB OFFER.

Greatest Weekly - The Breeders' Gazette
Greatest Daily - The Chicago Live Stock World
BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address,
Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

WARD FENCE.
Heavy Spring Steel Double Galvanized. To Farmers at factory prices, freight prepaid. Catalogue Free.
WARD FENCE CO.,
Box 20, Marion, Ind.

TYPEWRITER

FOR SALE—Several typewriters as good as new. Bargains for those who come first. Address,
Gillmore Co., 303 Locust St., Des Moines, Ia.

Extra M. W. Greer & Son, Rushville, Ill.

15 A. Nevius, Girard, Ill.	25.00
16 G. W. Baker & Sons, Pawnee, Ill.	60.00
17 Oscar Miller, Loami, Ill.	50.00
18 R. L. Comer, Carlinville, Ill.	40.00
19 Oscar Miller	40.00
21 Al Fagan, Ripley, Ill.	67.00
25 L. W. Cross & Son, Mason City, Ill.	77.50
26 J. E. King, E. St. Louis, Ill.	40.00
27 Same	35.00
32 Fagan & Browning, Hersman, Ill.	75.00
33 M. W. Greer & Son	65.00
34 Oscar Miller	175.00
35 Same	60.00
36 J. E. King	40.00
42 Same	30.00

To Travel in Comfort Ride in a Rambler

The simplicity, power, reliability and speed of these cars places them in a sphere of their own, wherein repair shops, trouble and complication are unknown.

In Rambler Type Four is combined simplicity of construction and operation, staunch construction and great reserve power that has earned it a national reputation as the car of steady service.

The elaborate finish and handsome body design are in keeping with the mechanical construction and it is

Easily The Leader of Simple Cars

Main Office and Factory,
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Branches:

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Thomas B. Jeffery
& Company



Type 4, \$1,350



... \$2.00 ...



AND THIS ADVERTISEMENT WILL SECURE YOU THE

Des Moines Capital

FOR THE YEAR 1907.

This is the Capital's Ninth Annual Bargain Day Offer (Good this Year from December 21st to 28th inclusive).

THE REGULAR PRICE OF THE CAPITAL IS \$3.00 A YEAR

TO secure the above offer, simply make your remittance on any day during the week of December 21st to 28th inclusive, the anniversary of Iowa's admission to the Union as a State. Money may be sent by check, draft or postal money order. The Capital is Iowa's greatest daily newspaper. Sample copies will be sent upon application. We urge our readers to take advantage of this wonderful newspaper offer. Address,

..... THE DES MOINES CAPITAL, LAFE YOUNG, PUBLISHER

**WRITE YOUR NAME
AND
ADDRESS HERE.**

Name _____
Post Office _____
Street _____

**ARE YOU NOW
A
SUBSCRIBER?**

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

FATTENS SHEEP WITHOUT GRAIN.

Mr. W. P. Adams, of Sac county, Iowa, fattens thousands of sheep annually without a cent's outlay for grain. Mr. Adams has 6,800 acres of land devoted to the production of corn. In order that the fertility of the soil may be kept up, once in five years he sows clover and turns it under as green manure. He pastures the clover with sheep until time to turn it under in the early fall and thus obtains all the manurial value of the clover.

There are no permanent fences on the Adams farm, but four miles of movable fence has been provided. This temporary fence is made in panels eighteen feet long, made of four-inch pine strips, held in place by triangular brackets at each intersection. Two men can take down and set up a mile of this fence in a day.

An exchange describes his system when pasturing 1,200 ewes and their lambs in one flock and in another 1,000 wethers and dry ewes. Each flock had the run of about one hundred acres, and a fresh pasture was furnished every two weeks throughout the season. At the opening of spring, a fence is run through the middle section to remain there through the

season. At right angles to this, a fence is run on the section lines and another about a third of the way down the section; then fences are run on the section lines parallel to the center fence, which gives two fields of about one hundred acres each.

When the sheep have pastured in these fields ten days or two weeks, the fences on the section lines are taken up and swung around so as to form two new fields of about one hundred acres each.

After the sheep have pastured in these for ten days or two weeks, the fences are again moved, and the unpastured balance of the section fenced into two fields of about one hundred acres each.

When these last two have been fed on two weeks the first portion of the section fed off has about four weeks fresh growth, the fences are moved to where they were first built in the spring and the sheep are again in green pastures. This rotation is continued throughout the season. This plan can be worked on small lots just as well.

In the fall, when the huskers have cleared a field of corn, sheep are turned in to pick up the corn that has been left, for, no matter how clean the husking has been done, there will be many bushels left.

A careful man on horseback and a good dog or so will look after one thousand or more sheep in the stalks. The sheep are not allowed to wander all over a section at a time, but are kept on a given area until they have cleaned up the waste on it. Then they are moved to a new area.

While eating the waste corn, they get roughage, and, being furnished what salt and pure water they want, they thrive and lay on fat. When ready for market, they are shipped by the carload direct to Chicago.

When the waste corn in the fields is all saved, the sheep are fed screenings from the previous corn crop. Mr. Adams does not believe in paying freight on light corn, chaff and other "trash" to reduce the quality and price of his corn, as it is all screened and fanned before being shipped, and the screenings carefully housed for sheep feed.

If at any time the corn, or the corn screenings need balancing to give the

Now or Never

same fair this year. My Poland Chinas are easy feeders and milky fellows. For prices write, F. C. THACKABERRY.

NO. 27493, weight 400 lbs. The Champion Oxford, sired 1st prize Buck lamb, 175 lbs., also 1st prize Ewe lambs at Bureau Co. fair. 2d only to State fair, in hot competition. This winning Buck lamb and four more by same Ram for sale, 130 to 175 lbs. weight. Herd Boar 81697, by Chief Perf. 2d 42559, also took 2d at same fair this year. My Poland Chinas are easy feeders and milky fellows. For prices write, FAIRVIEW STOCK FARM, TAMPICO, ILL.

sheep a proper ration, it is done with wheat screenings, also produced upon the farm. Wheat is sown once in five years rotation, and, like the corn, the wheat crop is thoroughly cleansed before sending to market and the screenings saved for the sheep.

Mr. Adams makes money raising corn and makes money from the waste the sheep save for him.

Poland Sale of W. J. Crow.

The Poland China sale of Mr. W. J. Crow, of Webb, Clay county, Iowa, was held November 7th. Mr. Crow has been making a specialty of prolific qualities, length of body and feeding qualities in his Poland Chinas, and his offering exceeded the expectations of every man who attended the sale. The entire lot averaged \$36 per head. There were a number of March pigs in the offering that weighed 350 pounds, though they were not fat. The top sale of the day was \$55, paid by Mr. H. B. Bushman, of Moneta, Iowa. Only three in the whole lot sold for less than \$30. Mr. Crow will sell the gilts out of the dams of these young boars on February 20, 1907. Those looking for size combined with quality in the Polands should keep this date in mind. Following is a list of the buyers at Mr. Crow's sale:

Lot.	Price.
278. C. D. Bartholow, Rembrandt, Iowa.....	\$35
279. C. G. Fox, Laurens, Iowa.....	35
243. E. Morgan, Kanaranz, Minn.....	46
236. Warner Peelgren, Webb, Iowa.....	35
245. Farver Bros., Ocheyedan, Iowa.....	41
258. E. J. Mills, Webb, Iowa.....	37
254. M. L. Soeth, Rembrandt, Iowa.....	29
251. G. W. Ruebel, Laurens, Iowa.....	30
241. Oscar Hesla, Rembrandt, Iowa.....	48
252. John Kuehl, Sanborn, Iowa.....	37
257. Agnew & Cole, Sioux Rapids, Iowa.....	32
247. Dan Donovan, Webb, Iowa.....	31
261. Lew Powell, Linn Grove, Iowa.....	31
238. Geo. Berge, Webb, Iowa.....	33
240. C. W. Hill, Peterson, Iowa.....	39
246. H. C. Bittinger, Webb, Iowa.....	35
240. Geo. Eiler, Sioux Rapids, Iowa.....	35
256. A. J. Williams, Havelock, Iowa.....	62
235. P. H. Miller, Sanborn, Iowa.....	31
239. N. G. Miller, Sanborn, Iowa.....	40
244. F. E. Cogswell, LeRoy, Minn.....	59
242. C. O. Edson, Schaller, Iowa.....	30
248. H. V. Bushman, Moneta, Iowa.....	55
253. T. J. Caskey, Rembrandt, Iowa.....	34
250. W. H. Craddock, Rossie, Iowa.....	31
259. Geo. Glynn, Sioux Rapids, Iowa.....	35
263. W. C. Kimmel, Sheldon, Iowa.....	40
276. D. H. Snyder, Sac City, Iowa.....	32
267. E. Namur, Rossie, Iowa.....	20

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy ram and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs., champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

GOTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgian stallions at \$1,000 each.

A. LATIMER WILSON, CRESTON, IA.

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation.

D. M. NORTON, Sanborn, Iowa.

Registered Shropshire Rams and Ewes

OF the best breeding. Willard Miller, R. F. D.

No. 2, Anita, Iowa.

REGISTERED SHROPSHIRE, EWES AND

RAMS. Address, W. C. FRAZIER, Atlantic

Cass County, Iowa.

271. H. M. Doty, Laurens, Iowa.....	27
266. Henry Ricker, Albert City, Iowa.....	29
265. A. W. Henrichs, Sac City, Iowa.....	35
272. Ed Endsley, Webb, Iowa.....	37
262. Z. T. Holdren, Sioux Rapids, Iowa.....	24
264. Geo. Glynn, Sioux Rapids, Iowa.....	35
269. L. J. Hill, Sioux Rapids, Iowa.....	33
277. C. H. Porter, Eagle Grove, Iowa.....	33
270. P. A. Chalmers, Greenville, Iowa.....	31
273. T. J. Caskey, Rembrandt, Iowa.....	34
275. I. B. Ranes, Ottumwa, Iowa.....	49
255. Geo. Sundholm, Albert City, Iowa.....	47
237. Geo. Phillips, Linn Grove, Iowa.....	35

WEEK END RATES VIA M. & ST. L. R. R.

On Saturdays and Sundays the Minneapolis & St. Louis R. R. will sell round-trip excursion tickets, Des Moines to Waterville and Montgomery, Minn., at one fare plus \$2. Return limit seven days, including date of sale. Buy tickets at City Ticket Office, 612 Walnut St., or Union Station.

BIG FARM PAPER A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$20,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people, its circulation reaching every state in the Union. Address with stamp Valley Farmer, 875 Jackson street, Topeka, Kan.

PILES

FISTULA--NO MONEY TILL CURED

Frank Rorer, Cashier Commercial National Bank, Columbus, Neb., writes under date of August 19, 1906: "I had a bad case of piles and I called on you for treatment September 1905, but you guaranteed my cure which you effected in three or four weeks. I returned to my home a well man after being afflicted for over 20 years."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....

Town..... State.....

IN THE GREAT SOUTHWEST.

A petition of the government instituting suit against the Standard Oil Company, of New Jersey, seven subsidiary companies and seven individuals, the head men of the great oil corporation, was filed in the United States circuit court in St. Louis last week. The suit was filed by the special counsel for the government, Frank B. Kellogg, of St. Paul, under the direction of the attorney-general of the United States, Wm. H. Moody. The object of the suit is to have the control of the Standard Oil Company of the stock of seventy corporations declared unlawful, and that the said corporations be prohibited from paying any dividends to the Standard Oil Company of New Jersey.

There is at present in the city of Muskogee, I. T., a party of United States senators gathering information upon which to base congressional legislation this winter. The party is composed of Senator Heller, of Colorado; Senator Clark, of Wyoming; Senator Brandegee, of Connecticut, and Senator Long, of Kansas. They are given hearings to representatives of the Snakes, Creeks, the Nighthawks, the Cherokee nation and the Choctaw or Chickasaw Snake Indian.

It is reported that Indian Territory cast 6,310 more ballots in the election for delegates for the constitutional convention than did Oklahoma. The canvassing board of Oklahoma announces that the total vote on that side was 94,690. This included the Osage nation.

The government field notes of the "big pasture" have been completed. Engineers and soil experts have gone over all the sixteen townships and carefully analyzed the soil. These notes have been embodied in a report that can be secured from the government land office in Lawton. In these notes each township is not only considered, but the topography of each section is described minutely, the courses of all the creeks and ravines traced and the out-croppings of the sandstone are delineated. Even the number and size of the prairie-dog towns on each section are enumerated on these maps.

Governor Folk has drafted a law aimed at lobbying, which will be introduced in the house the first day the general assembly meets. If this becomes a law, it will not permit even the presence of representatives of state institutions on the floor of either branch of the assembly.

Agents of the bureau corporations are again in Kansas, investigating the Standard Oil Company and all its works. The work has been going on for several days and will be kept up until all the Kansas territory field has been thoroughly seined

for information. The government is obtaining all the evidence possible to bring out in the case to be tried in St. Louis.

Some idea of the business that is being done in the post-office in Kansas City may be obtained from a perusal of the statement that last week four hundred thousand dollars in value was received in the form of stamps and stamped envelopes at the Kansas City office. This has been put in at this time to replenish the stock for Christmas trade, when the demands are enormously increased. The Kansas City office sells from three to four million two-cent stamps every month.

Many hundreds of people from all sections of the North and East are entering the big pasture reserve in Oklahoma, their object in coming at this time being to gain information regarding the bidding. All the Creeks in the pasture are lined up with camper wagons and outfits. It will be remembered that bids on land in the pasture reserve will be received between December 3d at 9 o'clock in the morning and December 8th at 4 o'clock in the evening. The present estimate indicates that there will be at least three thousand bids received.

Cured by Anointing With Oil.

Cancer and Tumor permanently cured with a Combination of Oils. Write to the Originator for his free books. Beware of imitations. Address Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

A Splendid Separator Offer.

There are thousands of farmers with cows who need a cream separator. They need one badly. Many of them know it. A great many are on the fence over the question. It is quite likely that many a man has argued it all out. He decides to buy, but when it comes to drawing out those crisp bills he hesitates. A great big "if" confronts his mind, almost as a nightmare. "What if it should not work?" he thinks. Well, what if it didn't work. The satisfaction of knowing for sure would be worth a great deal. Then what a relief it would be to get the perplexing question off one's mind. If you have doubts don't buy a separator. Have one sent on trial. Impossible to lose a cent. Everything in the farmer's favor. A very reasonable-priced machine is made by the Cleveland Cream Separator Company, Dept. H., 33 Michigan Ave., Cleveland, Ohio. They will send you direct from factory a machine for free trial. Then you can be convinced. Full particulars will be sent for the asking. Write them and mention The Homestead, please. The advertisement is on page 8.

THE MARKETS.

Chicago, Nov. 17.—Chicago Stock Yards movement of live stock, today's figures estimated:

	Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Nov. 10.....	1,270	165	14,221	522	
Mon., Nov. 12.....	32,644	1,827	33,275	26,000	
Tues., Nov. 13.....	11,206	1,470	25,287	23,745	
Wed., Nov. 14.....	27,585	1,658	28,725	26,373	
Thurs., Nov. 15.....	10,374	1,437	19,643	13,853	
Fri., Nov. 16.....	3,701	370	19,023	9,654	
Sat., Nov. 17.....	600	100	15,000	2,500	

Total this week.....	86,110	6,862	140,933	102,155	
Previous week.....	74,780	6,744	112,023	120,132	
Cor. week 1905.....	71,814	4,023	161,987	115,690	
Cor. week 1904.....	90,091	5,521	180,850	93,194	

	Shipments—	Cattle	Calves	Hogs	Sheep
Sat., Nov. 10.....	1,077	544	2,060	2,066	
Mon., Nov. 12.....	5,906	92	6,233	4,074	
Tues., Nov. 13.....	4,256	154	3,499	10,183	
Wed., Nov. 14.....	6,081	20	3,915	5,261	
Thurs., Nov. 15.....	7,415	196	2,946	6,137	
Fri., Nov. 16.....	6,027	304	4,794	7,540	
Sat., Nov. 17.....	1,000	100	2,000	2,000	

Total this week.....	30,683	866	22,387	35,195	
Previous week.....	30,532	941	18,747	46,923	
Cor. week 1905.....	28,151	543	31,097	47,146	
Cor. week 1904.....	30,958	547	23,809	18,703	

OTHER MARKETS.

Kansas City, Mo., Nov. 17.—Cattle—Receipts, 1,500; slow. Hogs—Receipts, 6,500; 5¢ 10¢ lower; top, \$6.20; bulk, \$6.12½ @ 6.17½. No sheep.

National Stock Yards, Ill., Nov. 17.—Cattle—Receipts, 800, including 600 Texas; market dull; shade lower. Hogs—Receipts, 3,000; 5¢ lower; top, \$6.30; bulk, \$6.12½ @ 6.22½. No sheep.

St. Joseph, Mo., Nov. 17.—Hogs—Receipts, 3,000; 5¢ lower; range \$5.80 @ 6.05; bulk, \$5.95 @ 6. Cattle—Receipts, 100; unchanged.

St. Joseph, Mo., Nov. 17.—Cattle—Receipts, 600; mostly cows; steady. Hogs—Receipts, 5,000; average 5¢ lower; top,

\$6.20; bulk, \$6.10 @ 6.20. Sheep—Receipts, 500; steady.

South Omaha, Neb., Nov. 17.—Cattle—Receipts, 300; unchanged. Hogs—Receipts, 4,700; 5¢ lower; top, \$6.20; bulk, \$6 @ 6.10. Sheep—Receipts, 700; steady.

South St. Paul, Minn., Nov. 17.—Hogs—Receipts, 4,000; opened steady; later lower; light mixed, \$5.85 @ 5.95. Cattle—Receipts, 2,100; dull; steady. Sheep—Receipts, 600; steady.

CHICAGO MARKET LETTER.

Under date of November 17th Messrs. Clay, Robinson & Co. quote the Chicago live stock market as follows:

Receipts of cattle have been more liberal this week and the market is 15 to 25 cents lower than the best time last week. Notwithstanding this there has been a satisfactory demand, especially for the best cattle, and a few very choice ones have sold higher than any previous time this season, \$7.40 being paid for a full car load and \$7.50 for part of a car. It has been a very uneven market and while possibly here and there a load of fancy heaves brought fully steady prices, the general run, as already stated, have sold at considerably lower rates.

The butcher stock market has been liberally supplied and outside of choice heifers and good dressed beef cows bulk of the female butcher stock has sold 10 to 20 cents lower, old inferior canners being very hard to dispose of even at the decline. All classes of hulls are 10 to 20 cents lower than a week ago. There has been very little eastern demand for this class of stock and export demand has also been very limited. Veal calves are very little changed from the close of last week.

The stocker and feeder trade has been uneven, with a slight dropping off in receipts and more limited selection to draw from as compared with conditions a few weeks ago. Demand is strong for heavy, fleshy feeders on account of a good market for well-finished fat steers. The stalk fields are being opened up and with fair weather for the next few weeks we naturally expect a gradual strengthening in values. Hence do not think persons who are going to place orders for stockers or feeders will gain much by waiting. On present market we quote stockers and feeders as follows:

Fancy selected feeders, 1,050 to 1,150 pounds, \$4.35 to \$4.60; good to choice feeders, 900 to 1,000 pounds, \$4 to \$4.25; fancy selected stockers, 600 to 850 pounds, \$4 to \$4.25; good to choice stockers, 600 to 850 pounds, \$3.60 to \$3.90; fair to good stockers, 500 to 850 pounds, \$3.35 to \$3.60; medium to fair stockers, 500 to 850 pounds, \$2.85 to \$3.25; fair to good thin young cows, 650 to 900 pounds, \$2.25 to \$2.50; good to choice stock heifers, 500 to 650 pounds, \$2.60 to \$2.85; fair to good stock heifers, 500 to 650 pounds, \$2.35 to \$2.50; stocker and feeding bulls, \$2.50 to \$2.75; heifers and heiferish cows (fair killers), 700 to 850 pounds, \$3 to \$3.65.

Notwithstanding a heavier supply of hogs the market has held up very well; in fact, is very little lower than a week ago. Average cost of the droves yesterday was \$6.25, whereas a week previous it was \$6.20. Present values are \$1.25 to \$1.50 per cwt. higher than a year ago, and in fact, the highest at this season of the year since four years ago, at which time hogs were selling in just about the same notches as now. Extreme top yesterday was \$6.45, bulk of the good hogs selling at \$6.25 to \$6.40.

The sheep and lamb market has ruled considerably stronger this week and last week's decline has been more than recovered; in fact, prices may be generally considered 15 to 25 cents better than last Friday. Choice native lambs are selling as high as \$7.75, a price which had not hitherto been paid for some little time. The demand for feeders continues active and strong. The sheep dipping plant has been closed down for the season, so that from now on it will be impossible to dip consignments of feeding sheep and lambs sent to the country. Persons sending in orders for feeders will kindly bear this in mind and not stipulate that stock must be dipped.

HAY.

Reported by Freeman Bros. & Co., grain, hay, etc., commission merchants, of Chicago: Receipts—Hay and straw, 31 cars.

Timothy—Market continues strong and unchanged with light offerings of hay of all grades. Values are firm and nothing can be foreseen to indicate any lowering of prices, but rather a stiffening of values if present conditions much longer prevail. From every direction and quarter comes the complaint of shippers of their inability to secure cars and to our mind it is clearly this factor which governs. Choice, fancy, \$16.50 @ 17.00; No. 1, \$15.50 @ 16.00; No. 2, \$13.50 @ 14.50; No. 3, \$12 @ 15; No. 1, light mixed, \$13 @ 14.

Prairie—We can only repeat that market is in prime condition, with arrivals small and no unsold hay on the market for the demand is such that all offerings of every kind and nature are readily taken. The facts above noted with reference to scarcity of cars is the dominant feature and controls the situation. As yet no indications of change or relief are visible and a keeping up of this condition cannot help but advance prices. Choice Kansas, Indian Territory, \$13.50 @ 14.50; No. 1, \$12.50 @ 13.00; Iowa, Minnesota, Nebraska, Dakota, \$11.50 @ 13.00; Illinois, Indiana, Wisconsin, \$8.50 @ 9.50; Indiana, Wisconsin, common packing, \$7.

Straw—Market quite bare of offerings, while demand is sharp and active. Current prices are certainly tempting and ought to be taken advantage of if possible. Choice rye, \$9; good, \$8.50; wheat and oat, \$7.

NOTICE.

When you write your friends in North Dakota advise them about the low-rate tick-

EASTERN KANSAS FARMS!

Near Kansas City at \$40.

240 Acres: Sixty miles south of Kansas City, 2 miles from good Catholic town; very nicely improved. Large house, good repair, good barn and outbuildings; lots of apples, grapes, pears, etc. The home place is all in crops and tana meadow fenced and crossed with hedge and wire, lies low and level (don't overflow), deep black soil, good water and a very healthy place. The 80 acres across road and cornering only a few rods from barn and is all in pasture; 65 acres has been in other crops, but is now in tame grass, fenced with wire, a little shade; is also good land (about 10 acres has a little limestone); clean of weeds and clear of encumbrance, \$40 per acre, half cash.

390 Acres: Five miles from above farm and being only a mile and a half from station, 3 miles to better town, in crops as follows: 120 acres timothy and clover, 80 acres corn, 41 acres fall wheat, 60 acres natural blue stem meadow, 40 acres English blue grass, balance Kentucky blue grass, feed yards, large old orchard, immense shade in the yard; buildings are, 7-room dwelling, newly painted, with good cellar, 5-room tenant house in corner of yard, stone horse barn, hay shed for 200 tons baled hay, cattle sheds, hog sheds, crile, tool house, small stable with 6 box stalls; waterworks supply house, barn, feed lots and pasture. No encumbrance, \$40 per acre, one-third cash, balance five years.

84 Acres: One mile from town near the above farms, 4-room house, quite a large, well-built barn and four or five sheds; good rye, fair orchard, land nearly level and good little farm; land adjoining held at \$60. Can sell this, same quality of land at \$45 per acre.

160 Acres: Two miles from Amoret, Mo., and 25 miles east of last named farm, all tillable except 10 acres of timber, which is mostly pecan. Good 7-room house, all necessary outbuildings, well fenced and crossed with wire; all kinds, about 3 acres fine apple orchard, bearing all kinds of berries, grapes, pears, peaches, pecans, black walnuts, \$47 per acre; can give good terms.

FURTHER: these farms are connected by telephone and are on mail routes; they are either dark red or black limestone soil; is a comparatively smooth prairie country; it is an old settled farming community, where the improvements compare favorably with the homes of the readers of this paper.

WE have been in the banking business in the locality of these farms for a number of years and know of 30 or 40 more good farms there offered for sale; we have endeavored to anticipate inquiries concerning the country and if anyone reading this advertisement is desirous of obtaining a good farm home at from \$35 to \$50, two hours' ride from Kansas City, they may come to our office and go with a member of the firm to look at the farm; in the event of a sale, their railroad expenses to be paid by us.

W. H. SLAUGHTER & CO.,
221 Dwight Bldg., Kansas City, Mo.

INVESTORS LOOK!

A Chance to Make BIG MONEY.
22,994 ACRES AT ONLY \$3 PER ACRE.

LOCATED only 12 miles south of Cherokee, Wyo., on Union Pacific Railway. Fine ranch or colonization proposition. Lands adjacent selling at from \$8 to \$10 per acre. Purchaser must buy entire tract. Buy this land now and make a fortune by selling it in small tracts. Reasonable cash payment down and long time on deferred payments. This offer for a few days only. Wire or write for full particulars to,

W. F. SHELTON LAND AGENCY,
215 Sheldley Bldg., Kansas City, Mo.

NOW TO CUBAI

WHY? BECAUSE now for the first time, the Turiguan Land Company is offering a portion of its plantation for sale, in small tracts, to suit the purchaser, and at extremely low prices. Turiguan Plantation is admitted by all to be the richest and best in all Cuba. Write at once, for fine descriptive booklet, prices and terms, cheap rates, etc. Correspondence solicited. Look into this, and you will buy.

TURIGUAN LAND CO.,
Majestic Bldg., Chicago, Ill.

IOWA FARMS

FOR SALE by THE HONEST LAND MEN in the great CORN and BLUE GRASS region. All kinds of fruit and best water. See Madison Co. before you buy. Write at once for the largest and finest list ever issued in Iowa. Three hundred (300) choice farms. Address, HAMILTON BROS., - WINTERSSET, IOWA

FARMS NEAR KANSAS CITY.

THE greatest grain and stock market in the West. We absolutely have the best Farm Bargains of any firm handling land in this section. Prices \$4800 up. In business for years and know these farms are cheap. Write today for descriptions—or tell us what you want.

ALLEN INVESTMENT CO.,
9th and Wyandotte Sts., Kansas City, Mo.

MR. FARMER Get rich in Central Kansas. Three nice improved farm homes, 640, 400, 480 acres, below value. Beautiful country. Great crops. Mild climate; don't wait. Write, L.G. Boles, Birmingham, Ala.

80 ACRES improved valley farm, \$783; almost level; southern Mo. McGrath, 2940 Prairie, St. Louis

ets on sale now for home visitors to Iowa points—one and one-third for the round trip. Don't forget to tell them that the Chicago Great Western Railway is the only line which has three trains every day in the year between St. Paul and Minneapolis and Iowa points. Complete information from E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

CHICAGO EXCURSION. Daily from December 1st to 5th the Chicago Great Western Railway will sell round-trip tickets from all stations to Chicago and return at rate of one fare plus \$2 for the round trip, with limit to return of December 10th. Impossible to get better service. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

IS YOUR ROOF TIGHT?

Congo Roofing will make it so. If it's a Congo Roof it will be tight and it will stay tight. Any roofing is tight for a while, but Congo Roofing stays tight longest. It outlasts shingles and costs less. It is easy to lay and simple to maintain.

Write for Sample, which we will be glad to send you free.

Buchanan-Foster Co.,
442 Chestnut St., Philadelphia.

LANDS AND HOMES FOR SALE

Farms That Grow "No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)
are situated in the Canadian West, where Homesteads of 160 acres can be obtained FREE by every settler willing and able to comply with the Homestead Regulations. During the present year a large portion of

New Wheat-Growing Territory
has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties. For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

W. V. Bennett, 601 N. Y. Life Bldg., Omaha, Neb.
R. T. Holmes, 215 Jackson St., St. Paul, Minn.

Mention this Paper.

CORN LANDS IN SOUTH DAKOTA.

PRODUCE as much wealth per acre as the \$100.00 to \$125.00 per acre corn lands of Iowa or Illinois. Our lands can be bought now at \$25.00 to \$50.00 per acre according to location and improvements. Write today for our 32 page illustrated pamphlet. IT'S FREE.

Big Sioux Valley Land Co.
SIOUX FALLS, S. D.

100% TO EVERYBODY Who Invests Now in S. E. Custer County CENTRAL NEBRASKA.

CORN, WHEAT AND ALFALFA FARMS AND HOMES. PICES \$15 to \$30 for a short time only. This very best and richest soil, excellent and abundant water, good, healthy climate, always good crops and a prosperous, intelligent community. Come and see for yourself. Come now. Address, P. H. MARLAY, Mason City, Neb.

IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY,
Laurens, Iowa

WHY PAY RENT?

WE will sell you improved farms in Pulaski Co., south Missouri, at \$5 to \$15 per acre, on easy terms. Raise fruit, vegetables, grass, corn, etc. On main line R. R. Let us tell you more about it. Write now.

DAVIS BROS. REALTY CO.,
544 New Ridge Bldg., Kansas City, Mo.

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. BOX 151, INDEPENDENCE, IOWA

FOR SALE.
160 ACRES—One mile from Gibbon, Neb., all level land, alfalfa and other grasses. Five-room house with water. Stable for nine horses, cow stable, hen house, hog houses and granaries. Four hundred rods of hog fence. Telephone and R. F. D. Price \$70 an acre. J. C. Mitchell, Shelton, Neb.

FARM-BARGAINS
In Southwest MINNESOTA.
BEST of Black Loam Corn Lands. Farms that pay. Best values offered. Descriptive price list free.
E. H. Crandall, Montevideo, Minn.

FOR SALE 480 Acres in the Red River Valley of North Dakota. New set of buildings, land all plowed, 2 1/2 miles to R. R. town; 11 miles to county seat. For particulars write J. R. Hichen, Heading Ave., R. R. 3, Peoria, Ill.

In Beautiful Artesian Valley,
With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to
Miller & James, Mende, Kansas.

FARMS FOR RENT. Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. Northern Iowa Land Co., Independence, Ia.

Oklahoma Farms for Sale In Noble County for corn, wheat, alfalfa; will sell you a well improved house cheap. Write A. W. Tucker, Perry, Oklahoma.

IOWA FARMS FOR SALE Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

GOOD corn and wheat lands for sale. Send for list. G. C. W. Lindsay, Wilsonville, Nebraska.

"On to Canada!"

Get a Home and Farm in the Heart of Saskatchewan, the World's Great Wheat Bin. Help Canada Feed the World



Western Canadian Farmers Raised a \$60,000,000.00 Wheat Crop This Year.

Farmers, get in the line of prosperity and progress up here in Western Canada. Come out where the soil is three feet deep—rich enough to grow anything—where crops never fail—where every farmer has money in the bank—where paupers and poverty are unknown.

Come and raise wheat where the average yield is 25 bushels to the acre. Where the first crop from virgin soil nearly pays for your land—no clearing to be done—the soil is ready for the plow.

This is the place to live, among an intelligent, industrious and prosperous people—most of them from the States. Give the young folks a chance, let them enjoy the advantages of Canada's fine schools and churches—bring them up to rugged manhood and splendid womanhood in this great land of health and opportunity.

Let us write you a personal letter about this wonderfully rich agricultural region, and send you our Free book, "The Home Builder," which tells why the country is rapidly filling up with the best and most intelligent farmers in the whole world.

It tells you how newcomers from worn-out farms get independently rich in a few years.

"The Home Builder" tells you everything you naturally want to know about this Great Wheat Region of Western Canada—about the healthful climate, the abundance of pure water and cheap fuel, the social and educational advantages.

Remember that land values are advancing rapidly and there's no time to lose. You can buy a 160-acre farm from us now for cash at the lowest price, or on easy payments, if you prefer, and our Company will give you a Guarantee Bond, stipulating that if at the end of five years you are in any way dissatisfied, we will buy back the land at an advance of 50 per cent over the purchase price.

We make this guarantee offer because we know the fertility and crop-producing power of the land, and that five years from now, under cultivation, it will be worth very much more than what you paid for it.

Over 125,000 people are coming into Western Canada this year. "On to Canada!" is the watchword of the hour. Come over while the choicest land that lies outdoors is yours at much less than its actual value. Write for free book F, at once, and ask as many questions as you wish. They will be cheerfully answered.

Saskatchewan Realty & Improvement Company

(Capital \$250,000.00)

312 Jackson St., St. Paul, Minn. Regina, Saskatchewan, Canada.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$60 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS,
KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

BUY YOUR LAND IN THE BIG BEND COUNTRY

OF EASTERN WASHINGTON, where you get not only the best of lands at low prices, but also get located in the finest climate, where crop failures are unknown; no bugs, flies or rust; freedom from electrical and destructive wind and hail storms; where fruits of all kinds do well. This is no experiment, as the country has been thoroughly tested. Special inducements to parties buying this fall. Railroad fare refunded to purchasers. Write for pamphlet to

THE BIG BEND LAND CO.

Dept. 1

WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
Capital and Surplus, \$250,000.00.
LARIMORE, NORTH DAKOTA.



General view of buildings on the 480-acre alfalfa, wheat and stock farm—not all the buildings shown—offered for sale at \$60.00 per acre, by W. H. Grassmeyer, of Riverdale, Nebraska, who will send terms and full description on request.

.... ONE IOWA ONE MADISON CO.

ONLY A FEW OF THE BEST BAR-
GAINS I HAVE FOR SALE

120 acres @ \$55 per acre
40 acres, a snap, @ 75 per acre
80 acres @ 65 per acre
80 acres @ 75 per acre
40 acres @ 70 per acre
All within a mile of town, highly improved. For full particulars address,

E. J. TRUMBAUER,
PATTERSON, IOWA.

CHOICE VIRGINIA FARMS

From 25 to 2,000 acres with buildings, timber fruit, good water etc. \$8 per acre and up. Lands level, with enough slope for natural drainage. Annual yield per acre—more than the cost of the land. Many men from the level western country settling here. Prices advancing steadily. Good opportunities for general farming, stock raising, dairy, poultry etc. Unsurpassed climate, fertile soil, fine markets and near transportation. Sell your high priced land and buy cheap but equally productive land in a climate where you can enjoy life. Landed investments are sure to prove profitable here.

Write today for our Real Estate Herald containing full account of the advantages of Southern Virginia and descriptions of desirable farms.

PYLE & CO., Inc., Petersburg, Va.

SOUTHERN CALIFORNIA FARMS

60 Minutes from Los Angeles

The famous Chino Ranch. No frost, no cold, perfect climate. Great water supply. Everything grows. Lands \$75 to \$150 per acre. Write for illustrated booklets.

CHINO LAND & WATER COMPANY
516 Wilcox Bldg., Los Angeles, Cal.

WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$25.00 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

YOU WANT LAND

BUT do not buy before looking over the proposition around Gibbon, Buffalo County, Nebraska, the center of the famous Wood River Valley country. If impossible to come at once, write for my new list of well improved farms close to town and school.

L. P. SARGENT, Gibbon, Neb.

800 ACRES, Keith County, Nebraska, six miles from Ogallala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.
BOX 81, INDEPENDENCE, IOWA

FARMS, STOCK RANCHES, CITY PROPERTY
BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank.
Hartford Land Co., Hartford, Kansas.

\$10.00 AN ACRE

PART cash, part time if wanted, (no trade) buys 160 acres of good raw prairie land here in Nebraska. Good for all kinds of grain, grass and vegetables. One crop of corn or winter wheat on this land would pay for it. J. H. McAllister, Agee, Neb.

EASTERN OKLAHOMA.

LAND will double in value in the next 5 years as I did Iowa and Illinois land. Come now while you can buy for \$20 to \$35 per acre.

H. C. POWDER & CO., PERRY, OKLA.

WEST MICHIGAN FARMS OCEANA

is the most productive county in State. Fruit, Grain, Clover, Alfalfa, Potatoes, Stock, Poultry \$20, \$25, \$30 to \$50 per acre will produce double cost yearly. All sizes, easy terms; send for list. J. D. S. HANSON, HART, MICH.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free.
BAZEL, J. MEEK, Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map.
Northern Iowa Land Co., Independence, Ia.

FOR SALE—1293 acres in Lipscomb Co., Texas, four miles from Oklahoma line. Every rod of it is level black loam. Chance for big wheat farm. Yield in county, 1906, wheat 32, oats 80, corn good. Miss J. Owen, Barton, Tex.

FOR SALE—A 20-acre fruit, poultry and truck farm, close to Des Moines, well improved, plenty of fruit. A big bargain if taken soon. Rex Poultry Farm, Route 4, Des Moines, Iowa.

FOR sale, S. E. Mo. farms and timber land \$3 to \$30 per acre, fairly improved \$10 to \$18 per acre, reasonable terms. Frank Pearce, Fredericktown, Mo.

LIVE STOCK SALES

The Angus Sale at Holbrook, Iowa.

One of the most successful sales of Aberdeen Angus cattle that has been held in the state of Iowa during the past few years was that of the above named breeders held in the new pavilion at Holbrook, Iowa, on the above date. A splendid gathering of breeders assembled from all parts of the country, Iowa furnishing the major portion, while Kentucky, Illinois and Nebraska were well represented. Every preparation was made by those contributing to the sale for the convenience and comfort of their guests, the sale being held in the new \$5,000 pavilion recently constructed by these enterprising breeders, which, by the way, is one of the most commodious sale pavilions in America. Colonel Woods, who was to make this sale, assisted by Colonel Silas Igo, telegraphed that he had started for the sale, but was again taken sick and prevented from putting in an appearance. The duties of selling devolved on Col. Silas Igo, who did most excellent work in the box, and was ably supported in the ring by Cols. W. K. Henss and Gus Judy. The very large and commodious Hibernian Hall, located within a block of the sale pavilion, furnished one of the best places in which to serve meals for the large gathering of breeders in attendance. One of the most sumptuous dinners was served by the ladies of Holbrook, and every one expressed themselves as having been treated to one of the most elaborate sale dinners they had ever seen. The complimentary remarks for the dinner served so generously by the most excellent ladies, prompted them to have supper ready for all in attendance, and this, if possible, exceeded the most excellent dinner. At the close of the sale all repaired to the Hibernian Hall again, where they sat down to four long tables, well spread with all the substantial, topped out with many delicacies, being all that a hungry crowd could well wish for. The crowd was then taken back to the railroad station of Parnell, where the major portion left on the evening Milwaukee train for Cedar Rapids, in order to attend the Messrs. Baker & Smith dispersion sale at Mt. Vernon on November 14th. From every point of view, this sale was a decided success. Bidding on all the better class of cattle was spirited, and the best things stubbornly fought for by some of the local breeders, most prominent among which was Mr. W. J. Hansen of Holbrook, who got several of the plums of the sale. The beautiful Blackbird cow, Blackbird Mary, went to Mr. Hansen at \$495, while Blackbird Favorite and bull calf were captured by Messrs. Christian & Lang, of York, Neb., at \$595. \$600 was paid for Blackbird of Cherokee 18th by W. J. Hansen. Blackbird Lassie 5th and cow calf went to Messrs. Harrison & Harrison of Indianola, Neb., at \$500, and Homedale Blackbird was secured by C. J. Martin of Churdan, Iowa, at the same figure. \$695 was paid for the beautiful Erica cow and bull calf, Eronda D. Mr. W. J. Hansen was the fortunate purchaser. This was the top price of the females. Mr. James Nichols, of Williamsburg, Iowa, paid \$405 for another Erica cow and Messrs. Harrison & Harrison \$385 for one of the same family. The Blackbirds and Ericas were in great demand. The Blackbirds averaged \$348 and the Ericas \$495. The top price for a bull was \$425, paid for Woodlawn Blackbird Lad. He was purchased by Col. Gus Judy for Messrs. Harry Weissinger & Son of Shelbyville, Ky., and this was certainly a bargain counter-price for a bull of this character. The Messrs. Weissinger have had a covetous eye on this bull ever since his prominent winnings in the bands of his former owners, Messrs. Cantine Brothers. Mr. O. V. Battles, of Maquoketa, Iowa, was a liberal bidder and buyer, more largely of show cattle than of cattle for breeding purposes. The first-prize yearling bull at the Iowa State Fair this year, Glenfoil Thickset 2d, was secured at the bargain price of \$290 by Mr. Battles, who purchased him to place in the show ring and not for a herd bull. The next highest price paid for a bull was \$200 for the Blackbird bull, Homedale Black Jam, a splendid Blackbird bull top and bottom. This was a bull that had been used by these breeders on some of the daughters of Black Woodlawn. Mr. L. E. Newkirk of Homestead, Iowa, was the fortunate purchaser. There was rather an over-offering of cattle for one afternoon's sale, which forced the selling into the late evening for such short days, and some cheap cattle were sold at the close of the sale. Nevertheless, the subjoined report will show good, healthy prices, and we are assured by the contributors that they are well pleased with the results.

FEMALES.

Blackbird Mary, two years, sire Brookside Star, W. J. Hansen, Holbrook, Ia.	\$495
Glenmere Blackbird, seven months, sire Black Woodlawn, E. J. Davis, Iowa City, Iowa	350
Blackbird Lassie 10th, sire Blackwood Lad, and b. c., J. R. Kline, Knoxville, Iowa	195
Blackbird Jennie, two years, sire Black Woodlawn, W. H. Jones, Quimby, Ia.	490
Blackbird of Greenville, eight years, sire Black Monk, Banks & Banks, Knoxville, Iowa	330
Blackbird Favorite, eight years, sire Blackbird Lad, and b. c., Christian & Lang, York, Neb.	595
Blackbird Lassie 5th, five years, sire Woodlawn, A. C. Binnie, Alta, Iowa	230
Harrison, Indianola, Neb.	500
Blackbird of Cherokee 18th, two years, sire Prince 11th, of Braevall, W. J. Hansen	600
Homedale Blackbird, four years, sire Black King of Woodlawn, C. J. Martin, Churdan, Iowa	500
Blackbird Eclipse, six years, sire Bell's Eclipse, same	310
Blackbird McHenry 24th, eight years, sire Heather Blackbird, O. V. Battles, Maquoketa, Iowa	230

Brookside Blackbird 4th, seven months, sire Black Woodlawn, J. R. Kline	200
Blackbird of Clover Leaf 2d, sire Black Woodlawn, Harrison & Harrison	250
Eronda D., three years, sire Prileno, and b. c., W. J. Hansen	695
Royal Eileen, seven months, sire Imp. Blackbird Royal, Jas. Nichols, Williamsburg, Iowa	405
Ellenee, two years, sire Edward R., Harrison & Harrison	385
Pride of Denison 23d, five years, sire Heather Blackbird, G. F. Gallagher	200
Pride of Brenna 7th, seven years, sire Knightly Pride, Jas. Nichols	120
Black Darling, six months, sire Black Woodlawn, O. V. Battles	610
Pride McHenry 6th, one year, sire Heather Lad 4th, and c. c. Dan Driscoll	215
Cash's Pride 11th, two years, sire Glenfoil Laddie, E. H. Black, Holbrook, Ia.	105
Pride of Cherokee 16th, one year, sire Edward R., G. F. Gallagher	100
Brookside Pride 3d, two years, sire Black Woodlawn, A. C. Binnie, Alta, Iowa	230
Priminta, three years, sire Imp. Prileno, W. H. Jones	500
Brookside Rose 2d, one year, sire Black Woodlawn, O. V. Battles	260
Windsor Queen of Lakeside, six years, sire Netberby, John Donahue	130
Queen of Denison, seven years, sire Heather Blackbird, Silas Igo, Palmyra, Iowa	230
Imp. Pride of Aberdeen 74th, four years, sire Jurator, and b. c., W. K. Henss, Wayland, Iowa	175
Queen of Triumph 2d, one year, sire Cravenwood Black, W. J. McCarty, Wil-Kiaross, Iowa	105
Queen Valentine, two years, sire Blackwood Lad, and c. c., S. H. Kirkpatrick, Kinross, Iowa	105
Brookside Pansy Queen, three years, sire Black Woodlawn, E. S. Bishop, Wellman, Iowa	130
Glenfoil Queen, three years, sire Proteros, and b. c., James Lakey, Parnell, Iowa	460
Oakville Queen, nine months, sire Black Woodlawn, W. J. Hansen	115
Glenfoil Barbara 2d, two years, sire Black Woodlawn, J. R. Kline	130
Barbara McHenry 16th, five years, sire Royal Laddie, and c. c., Banks & Banks	200
Grantington Kate Duff, nine years, sire Black Abbot, Dan Driscoll	115
Coquette McHenry 35th, one year, sire Bobbie Dobbs, H. H. Reed, Marengo, Ia.	100
Longbranch Crocus 3d, five years, sire Lord Woodlawn, Jas. Sheridan, Parnell, Iowa	185
Moonlight Lass 2d, one year, sire Brookside Clansman, G. F. Gallagher	100
Groveton Mignonette, five years, sire Groveton Kimmie Duff, Dan Driscoll, and c. c.	140
Glenfoil Marie 4th, one year, sire Black Woodlawn, W. J. Spratt, Williamsburg, Iowa	100
Annetta Pride, sire Holbrook Mark Hanna, and c. c., J. L. Myric, Eddyville, Ia.	100

BULLS.

Woodlawn Blackbird Lad, seven years, sire Lord Woodlawn, Harry Weissinger & Sons, Shelbyville, Ky.	425
Homedale Black Jam, one year, sire Black King of Woodlawn, L. E. Newkirk, Homestead, Iowa	255
Black Monarch of Homedale, one year, sire Homedale Proud Boy, Dan Driscoll, Williamsburg, Iowa	195
Glenfoil Proteros, four years, sire Proteros, G. F. Gallagher, Williamsburg, Iowa	135
Black Dean, one year, sire Black Woodlawn, J. E. Davis, Oskaloosa, Iowa	180
Glenfoil Thickset 2d, one year, sire Brookside Star, O. V. Battles	290
Glenfoil Thickset 3d, ten months, sire Black Woodlawn, J. J. Donahue, West Branch, Iowa	120
Earl of Glenmere, ten months, sire Black Woodlawn, H. H. Reed	190

Fifty-one females sold for \$12,050, an average of \$236.30. Twelve bulls sold for \$2,005, an average of \$167. Sixty-three head sold for \$14,055, an average of \$223.10.

The Baker & Smith Sale.

November 14th brought to the little city of Mt. Vernon the largest crowd of Aberdeen Angus breeders that had ever assembled at this historic educational center. They came for the purpose of making Angus history, which we are pleased to chronicle is important at this particular time. A large percentage of the same crowd that was in attendance at the Donohoe & Cash sale at Holbrook, Iowa, November 13th, was also in attendance at this sale, augmented by a fresh supply of Aberdeen Angus breeders which swelled the number to the full seating capacity of the tent. It was certainly a representative gathering, assembled to see a great herd of Aberdeen Angus cattle dispersed. There were forty-eight high-class cattle to be placed on the market, thirty-five of which were of the famous Blackbird family. This was the feature that attracted so many breeders from so great a distance. Col. George P. Bellows, of Missouri, made the opening speech, after which Col. Silas Igo took the block and sold about one-half the cattle, after which Colonel Bellows mounted the rostrum and put renewed enthusiasm into the crowd and completed the sale in a highly satisfactory manner. Colonels Judy, Johnston and Day were assistant ring workers during the entire sale. As this was a dispersion sale, buyers recognized that they had an opportunity at some of the good things and went after them accordingly. Good prices prevailed throughout the sale. Great interest centered in the sale of Lot 24 of the sale catalog, a six-year-old Blackbird cow sired by Heather Black Jim and out of Blackbird of Woodlawn 5th. A battle royal as to who should be the future owner of this cow was engaged in by that veteran breeder, Mr. Alex Spear, of Tipton, Iowa, and Mr. Matt Baker, one of the sellers. Mr. Spear finally surrendered to Mr. Matt Baker, of Manning, Iowa, on the \$1,000 bid made by Mr. Baker, this price being the top of the sale. Mr. Charles Escher, Sr., of Botna, Iowa; Alex Spear, of Tipton, and O. R. Stevenson, of

Rubber Roofing

SOLD DIRECT TO THE FARMER.

A PERFECT ROOFING requiring no COATING. Suitable for steep or flat surfaces. Will stand any climate. Is WATERPROOF. Put up in rolls containing 108 square feet. Packed in center of roll are directions for laying and sufficient nails, caps and cement to lay 100 square feet complete. 1-ply, weighs about thirty-six pounds, per square, \$1.50. Every roll guaranteed. Send for samples. Cash with order. If not satisfactory, it can be returned or money will be refunded. Reference, Citizens Bank.

FARMERS SUPPLY COMPANY, - WEST BRANCH, IOWA

ATTENTION, BOYS!



Would you like to own a knife like that? It would make the other kids' eyes stand out, wouldn't it now? Well! you can have a knife just like it for nothing, no money, not a cent, just a few minutes' work—easy work at that. No woodpile business in this! It's just dead easy. Write us a post card, a letter, any old thing; but give us your full name and address and tell us you want to earn the PRESS BUTTON KNIFE. That's all you need say. We'll send you full particulars as soon as we receive it. It's a cinch you earn the knife the same day you get our letter. Address,

Boys' Department, THE HOMESTEAD, Des Moines, Iowa.

Quimby, were among the new acquisitions who furnished ample competition at this sale. Mr. Baker has been handicapped in and development of these cattle to their highest state of perfection by not having sufficient land so that he could have an abundance of pasture. Accordingly some of the cattle were somewhat undersized and others thin in condition. Had the offering been in the pink of condition, we doubt not that the prices recorded would have been much larger. Thirty-two of the thirty-five Blackbirds sold were the descendants of one cow, which serves as another illustration that by judicious selection of one good female of some well-known family possessed of real merit and properly banded, she will, in a very few years produce a neat little fortune for the owner, providing he will do his part in the way of care and management. The following subjoined list of all buyers' names and postoffice addresses, who paid \$100 or over for their purchases, will be of interest:

FEMALES.

Black Beauty of Cloverland 3d, one year, sire Black Keillor 3d, H. J. Hess, Waterloo, Iowa	300
Black Beauty of Cloverland 2d, two years, sire Black Keillor 3d, Christian & Lang, York, Neb.	325
Black Beauty of Cloverland 4th, ten months, sire Black Keillor 3d, John Cash, Parnell, Iowa	180

Black Beauty of Cloverland, three years, sire Black Keillor 3d, same	340
Bonnie Bell of Cloverland, one year, sire Black Keillor 3d, Wm. Hansen, Dickens, Iowa	155
Blackbird of Cloverland 9th, three years, Black Keillor, same	225
Blackbird of Cloverland 13th, two years, sire Black Keillor 3d, O. E. Brincey, Alburnette, Iowa	305
Blackbird of Cloverland 17th, one year, sire Black Keillor 3d, Harrison & Harrison, Indianola, Neb.	170
Blackbird of Cloverland 16th, one year, sire Black Keillor 3d, Alex Spear, Tipton, Iowa	155
Blackbird Laura, seven months, sire Black Keillor 3d, A. C. Binnie, Alta, Iowa	200
Black Lassie of Cloverland, one year, sire Key of the West, W. H. Jones, Quimby, Iowa	335
Blackbird of Cloverland 18th, one year, sire Black Keillor 3d, Chas. Escher, Sr., Manning, Iowa	170
Beautiful Bird, seven months, sire Blackbird Man, same	180
Blackbird of Woodlawn 5th, ten years, sire Moon Eclipse, Christian & Lang	405
Blackbird of Cloverland 10th, two years, sire Key of the West, and b. c., W. H. Jones	250
Blackbird of Cloverland 4th, five years, sire Key of the West, P. J. Donahue	

Holbrook, Iowa	400
Blackbird of Cloverland 2d, six years, sire Key of the West, O. R. Stevenson, Quimby, Iowa	515
Blackbird of Cloverland 14th, two years, sire Black Kellor, Chas. Escher, Iowa	300
Blackbird of Cloverland 3d, five years, sire Key of the West, C. J. Martin, Churdan, Iowa	410
Blackbird of Cloverland 15th, one year, sire Key of the West, Harrison & Harrison	180
Blackbird of Cloverland 5th, four years, sire Cloverland Pride, H. J. Hoss, Iowa	300
Blackbird of Cloverland, eight years, sire Heather Black Jim, Matt Baker, Manning, Iowa	1000
Blackbird of Cloverland 7th, four years, sire Cloverland Pride, Alex Spear, Iowa	405
Blackbird Beth, seven months, sire Black Kellor 3d, Matt Baker	300
Pride 5th of Woodlawn, two years, sire Moon Eclipsor, A. Spear	305
Pride of Cloverland 2d, six months, sire Black Kellor, Matt Baker	110
Pride of Cloverland, two years, sire Key of the West, O. E. Briney	200
Miss Wellington, ten years, sire Young Wellington, and b. c., R. L. Fitzgerald, Marion, Iowa	170
Josie Abactor, thirteen years, sire Jean's Abactor, and c. c., Alex Spear	250
Josie Abactor 2d, four years, sire Key of the West, Lloyd Seargent, Marion, Iowa	125
Key's Miss Wellington 2d, four years, sire Key of the West, and b. c., R. N. Fitzgerald	140
Lady Wellington, two years, sire Black Kellor, and b. c., O. E. Briney	155
Grace of Cloverland, eight years, sire Heather Black Jim, Mrs. Wm. M. Smith, Mt. Vernon, Iowa	125
Moonbeam of Cloverland, eight years, sire Moon Eclipsor, Dr. Thos. Wolf	100
SUMMARY.	
38 females sold for \$9,755; average, \$256.71	
9 bulls sold for \$1,100; average, \$122.00	
47 head sold for \$10,855; average, \$231.00	

Thompson & Smith's Short-horn Sale.

Though corn husking and other farm duties were pressing, a fair-sized crowd of farmers and breeders gathered at West Liberty, Iowa, on Wednesday, of last week, to witness the sale of some of the best Short-horns in the offerings of this fall. The dangerous illness of the auctioneer, Colonel Woods, made it impossible for him to attend and the lack of his presence was felt keenly throughout the afternoon. However, local talent was secured as a last resort and the outcome of the sale was highly complimentary to the strenuous efforts of Auctioneer P. N. Gibson and his helpers, Jean Pagan, of Marion, and T. A. Alexander, of Morning Sun, that so high an average was secured. Messrs. Thompson & Smith brought out an offering equal and above the expectations of many. The best of spirit prevailed throughout the sale. Splendid entertainment was afforded and the heated sale pavilion at the fair grounds near by is a splendid place for such an event. Twenty-eight females averaged \$147.85. Eight bulls averaged \$146.63. Thirty-six head made an average of \$147.63. The following sales running over \$100 were made:

FEMALES.

9th Pleasant View-Mysie, four years, sire

Challenge, I. Barr & Son, Davenport, Iowa	\$225
Rosewood's Mysie, three years, sire Royal Rosewood, E. Cosgriff, Clarence, Ia.	190
20th Pleasant View Alexandrina, four years, sire Royal Rosewood, M. D. Yard, Crawfordville, Iowa	120
22d Pleasant View Alexandrina, three years, sire Royal Rosewood, E. Cosgriff	215
Rose Leaf, one year, sire Royal Prince 7th, M. D. Yard	125
Godoyla 2d, three years, sire Victor Raphael, O. L. Foster, Letts, Iowa	135
Waveland Lovely, seven years, sire Prince Nonpareil, T. C. Robb, Morning Sun, Iowa	225
Lady Lavender 3d, four years, sire Royal Rosewood, I. Barr & Son	160
25th Pleasant View Alexandrina, two years, sire Royal Gloster, and c. c., J. D. Martin, Crawfordville, Iowa	125
Ringmaster Alexandrina, one year, sire Ringmaster, J. F. Yetter, West Branch, Iowa	100
Princess Maud, two years, sire Rosewood's Avalanche, I. Barr & Son	180
Amelia 5th, three years, sire Victor Raphael, E. Cosgriff	150
Rosemary, four years, sire Victor Raphael, C. W. Norton & Son, Wilton Jct., Iowa	225
Rosemary 2d, four years, sire Victor Raphael, B. Oatout, Iowa City, Iowa	160
Rosemary 4th, four years, sire Victor Raphael, T. C. Robb	175
Rosemary 5th, three years, sire Victor Raphael, D. W. Griffith, Crawfordville, Iowa	140
Rosemary 7th, two years, sire Victor Raphael, J. F. Yetter	145
Rosemary 8th, two years, sire Victor Raphael, J. D. Martin	175
Rosemary 10th, one year, sire Improver, I. Barr & Son	100
Rosemary 11th, one year, sire Prince Alexander 6th, H. C. McCormick, Mechanicsville, Iowa	190
Rosemary 12th, one year, sire Young Commodore, Cookson Bros., West Branch, Iowa	120
Flora 5th, six years, sire Victor Mysie 2d, Jeff Sanders, West Liberty, Iowa	145
Rosemary 15th, one year, sire Scotch Ringmaster, W. W. Vaughn, Marion, Iowa	165
Rosemary 16th, one year, sire Scotch	

you or anyone else wishing to order millwork.

And whether the order be for \$5 or \$10,000 worth, the price of each article is the same and the saving is from 50 per cent to even more on doors, windows, etc., including every piece of woodwork that goes into any kind of a building.

All you have to do is to write Messrs. Gordon Van Tine & Co. a postal card for



THE LARGEST WOODWORK FACTORY IN AMERICA.

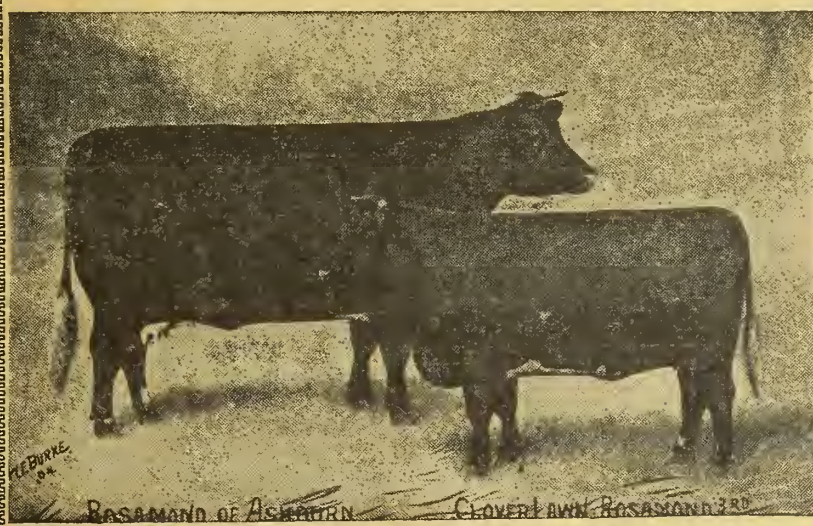
their free catalog, which plainly tells how to order any of their products.

One of its main features is a set of pictures and complete architect's plans for houses of moderate cost, which in itself saves many a builder the expense of having plans drawn.

Other features of the catalog are the tables of sizes and prices on front doors, grained doors, painted doors, storm doors, white pine doors, art windows, plain rail windows, storm windows, barn windows, base moldings, casing, sash thresholds, lattice, molding, hardwood flooring, window screen stock, door frames, window frames, gable ornaments, colonial columns, turned porch columns and porch newels, stair work, stair newels, porch frames and rails, stair balusters, building paper, stepladders, window glass, glaziers' supplies, art glass, etc.

And the company also send a free book of plans for barns, hen houses, hog houses and other outdoor buildings, together with a free book on high quality roofing which they sell direct at half dealers' prices.

Messrs. Gordon Van Tine & Co.'s catalog



Rosamond of Ashburn, the splendid Scotch cow, and heifer calf included in the dispersion sale of Mr. Chas. Neff, of Walnut, Iowa, on November 20th.

Ringmaster, Jas. Teneyck, Iowa City, Iowa

BULLS.	
Scotch Ringmaster, two years, sire Young Commodore, Bert Chase, West Liberty, Iowa	270
Master Mysie 2d, one year, sire Royal Prince 7th, I. Barr & Son	155
Bold Prince 2d, two years, sire Rosewood's Avalanche, Jeff Sanders	130
Luverne, two years, sire Royal Prince 7th, Zabilka Bros., Rosehill, Iowa	105
Prince Rosemary, one year, sire Prince Alexander 6th, A. G. Gruwell, West Branch, Iowa	100
Lavender Victor, one year, sire Imperial Victor, I. Barr & Son	115
Pleasant View Victor, two years, sire Royal Prince 7th, C. A. Purvis, West Liberty, Iowa	100
Grand Gloster, one year, sire Royal Prince 7th, Willis Poole, West Liberty, Iowa	200

FARMERS OUGHT TO KNOW ABOUT THIS.

Messrs. Gordon Van Tine & Co., of Davenport, Iowa, have cut dealers' prices in half everywhere on windows, doors, woodwork, roofing, etc., by selling only direct from their factory to the man who is building or repairing.

Here is something that every home owner will recognize as a favorable tendency of the times—because instead of increasing the cost of necessary materials for improvements of the home, it cuts the price in two, and the home owner, building or contractor gets the benefit of the saving.

Messrs. Gordon Van Tine & Co., of Davenport, Iowa, operate the largest woodwork mill in America, and they have used their strong position to revolutionize the woodwork and roofing business of the whole country by withdrawing all their salesmen and agents and giving this saving of expense to the man who buys their products direct from the mill. They guarantee to deliver safely and promptly to any man in the United States and Canada, who is building or repairing, just exactly what he wants in high quality millwork, or roofing, and save him half what it would cost him if he bought the same thing from his home dealer—freight included.

This company have been in business since 1865 and their responsibility runs into the hundred thousands, as any banker can tell

is such a complete one that it has become a standard reference book in thousands of country homes, to be consulted whenever any building is to be done.

Another point which protects the consumer is that the quality of Gordon Van Tine millwork is always the highest, being made strictly in the official grades adopted by the Sash, Door and Blind Manufacturers' Association of the Northwest. Not all millwork is.

Besides this, any order may be returned at the company's expense if not exactly as represented and all money will be refunded at once.

Without doubt the reason this firm save the consumer 50 per cent of the cost of millwork below his local dealer's prices, freight included, is that they sell direct from the largest mill in the world. It covers 163,000 square feet of space, four acres. Besides, the company own their own timber lands, saw mills and lumber yards and can keep large stocks of the finished millwork on hand to supply the demand even quicker than the local dealer can order and deliver it to the farmer or builder. And it is a great advantage to the consumer to deal directly with the mill rather than through ordinary mail order houses. He gets a lower price, as no middleman's profit is figured upon, and he gets what he wants.

We feel certain that every one of our readers who has any building or repair work to do now, or in the future, will do well to write for this company's millwork catalog.

If you address the company, Station A92, Davenport, Iowa, it will be known that you are one of our readers, and all the company's literature will be sent to you promptly, including the free book of plans, roofing book and the grand millwork catalog. Only a postal is necessary. See advertisement on page 40.

HOMESEEKERS.

HOMESEEKERS. HOMESEEKERS.

Every Tuesday, October and November, via M. & St. L. R. one fare plus \$2 for the round trip to points in Minnesota, Dakota, Canada, tickets good twenty-one days. Also first and third Tuesdays, October and November to Montana, Washington, Oregon.

The M. & St. L. is "The Road that Runs"

My lamp-chimneys break through abuse—not through use.

My Index tells how to get the right size for your lamp. It's free; let me send it to you.

Address, MACBETH, Pittsburgh.

CUT ICE

With the Dorsch Double Row Ice Plow. We guarantee it will cut more than 20 men sawing by hand. Cakes are cut uniform, of any size and thickness. One man and a horse will cut more ice in a day than the ordinary farmer and dairy man can use. You can cut for others and make the price of your plow in two days use. Ask for catalogue and introductory prices.

JOHN DORSCH & SONS 216 WELLS ST., MILWAUKEE, WIS.



RAW FURS WANTED

My European contracts put me in position to pay top prices. Write for my special quotations. Address A. E. BURKHARDT C30, CINCINNATI, OHIO

FOR SALE Half interest or all of a good paying Business; situated in a good college town in Eastern Iowa. Reason for selling have other business interests. This is a good proposition and will bear investigation. Add W., care Homestead, Des Moines, Ia.

PATENTS **ORWIG & LANE,** **DES MOINES, IA.** Send sketch or opinion of invention for free opinion as to patentability. Reference, The Iowa Homestead.

and trains leave Union Station, Des Moines, at 8:15 a. m. and 9:05 p. m. New electric lighted sleepers, all nice coaches. Call at City Ticket Office, 512 Walnut St., or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., Des Moines, Iowa.

SPECIAL RATES.

On Saturdays and Sundays from December 16th and January 5th to March 31st the Chicago Great Western Railway will sell winter visitors week end tickets to points 150 miles distant up to and including all stations within fifty miles of St. Paul and Chicago at rate of one fare plus \$2 for the round trip. Tickets limited to seven days, with privilege of extension on payment of one-third of regular one-way rate. Short-limit tickets to nearly all stations on sale at all stations Saturdays and Sundays at one fare for the round trip. Tell your friends about it and have them come and visit you. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

The Union Pacific advertising department has just issued a bulletin on agriculture in western Nebraska. It tells of a country great in resources, almost imperial in extent, which offers to those seeking investments unsurpassed opportunities for placing their funds in a country whose magical progress in the last ten years shows that nowhere does there exist a fairer region or one whose future has brighter prospects.

This bulletin will be furnished free on application to any Union Pacific Agent or to E. L. Lomax, G. P. A., Union Pacific, Omaha, Neb.

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO, GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneda and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

VERY LOW RATES TO INTERNATIONAL LIVE STOCK EXPOSITION, CHICAGO.

Via the North-Western Line. Excursion tickets will be sold December 1st to 5th, inclusive, with favorable return limits. Apply to agents Chicago & North-Western Ry.

The Homestead and The Homemaker, \$1.25 per year.

I CURE CANCER

MY MILD COMBINATION TREATMENT IS NOT A NEW REMEDY.

It has the experience of years back of it and has cured hundreds of cases where the hand of death seemed to forever have closed upon them. Endorsed by physicians, ministers, bankers, business men and others.



Treatment Not Painful

There is no necessity for the patient enduring the intense pain caused by applications of caustics, burning plasters, fiery poultices, etc. Scores of the most advanced cases of Cancer have been cured by my Mild Combination Treatment entirely without pain.

BEWARE OF THE KNIFE

No case of Cancer was ever cured by a knife operation. The patient suffers untold agony and shortly finds himself in worse condition than ever. I cure cancer by a combination treatment. Local treatment destroys the deadly cancerous growth; constitutional treatment drives the disease out of the system, thus preventing its return.

Names of a Few of the Many I Have Cured

Mrs. Anna E. Guffy, Arcadia, Kans., Cancer of Breast.
Mrs. Frances Downey, Slidell, La., Cancer of Jaw for 14 years.
Mrs. A. E. Foyt, Rosebud, Texas, Cancer of the Womb after operation failed.
Mrs. D. E. Stone, Harper, S. C., Cancer of Lip after operation failed.
Mrs. J. W. Groshong, Wright City, Mo., Large Cancer in the Forehead.
Mr. N. J. Bell, Newburg, W. Va., R. No. 2, Box 11.
Mr. Peter L. Rice, 1225 14th St., Des Moines, Iowa, Cancer of Stomach.

FREE BOOK—CANCER AND ITS CURE

I send this large book to sufferers free of charge. Tells how and why my treatment cures. If you cannot come to my office for treatment I can cure you at home. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—do not give up hope but write at once.

DR. O. A. JOHNSON,
1233 Grand Ave.,
Suite 327, KANSAS CITY, MO.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Nov. 27, Closing out sale, boars and sows, J. F. Lentz, Earlham, Iowa.
 Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 19, August Voigt, Portsmouth, Iowa.
 Feb. 20, S. P. Briggs, Seward, Neb.
 Feb. 21, E. J. Brown, Osceola, Neb.
 Jan. 21, J. E. Rowe, Stockham, Neb.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Feb. 22, O. E. Mickey, Osceola, Neb.
 Jan. 22, G. W. Post, York, Neb.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, Frank Laird & Son, York, Neb.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 23, Peak & Putman, Tecumseh, Neb.
 Jan. 23, Aug. Sonneland, Harlan, Iowa.
 Jan. 24, C. McCarthy, Henderson, Neb.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 24, Paul Groupe, Tecumseh, Neb.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 29, Grant Chapin, Green, Kan.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, J. O. Hunt, Marysville, Kan.
 Jan. 30, J. C. Danner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, C. E. Pratt, Frankfort, Kan.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, Clarence Beavers, Holmes, Kan.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 1, Geo. W. Trone & Son, Rushville, Ill.
 Feb. 2, John Fultz, Marysville, Kan.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 6, W. D. Phtman, Lake City, Iowa.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, J. Stroth, Dewitt, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 11, J. A. Teter, Remington, Ind.
 Feb. 12, John M. Morrison & Sons, College View, Neb.
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Aisin, Boone, Iowa.
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 14, Gilbert Van Patten, Sutton, Neb.
 Feb. 14, B. W. Hsie, Laddonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Geo. Briggs & Son, Clay Center, Neb.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelbina, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, Watt & Foust, Cedarville and Xenia, Ohio.
 Feb. 15, A. W. Harris & Son, Morganfield, Ky.
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.
 Feb. 16, B. F. Roberts, Hebron, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, Unitt & Davis, Seward, Neb.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannan City, Ia.
 Feb. 20, White & Dewey, Shannan City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 23, M. A. McWilliams, Wall Lake, Iowa.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Wm. Sanstead, Holdrege, Neb.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, M. A. Sellers & Son, Huntley, Neb.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 27, S. J. Tillman, Ragan, Neb.
 Feb. 28, Geo. Karchner, Wilcox, Neb.

THE ONLY WAY DUCOC CIRCUIT.

Feb. 19, E. H. Deaf, Fred Schelzer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schroeder & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 March 1, C. C. Warren, Wilcox, Neb.
 March 2, A. A. & W. G. Karchner, Wilcox, Neb.

POLAND CHINAS AND HEREFORDS.

Feb. 14, Peter Mouw, Orange City, Iowa.

REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.

BERKSHIRES.

Dec. 19, Weber & Apperson, Tecumseh, Neb.

SHORT-HORNS, HEREFORDS, ABERDEEN

ANGUS AND GALLOWAYS.

Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

SHORT-HORNS, HEREFORDS, ABERDEEN

ANGUS AND GALLOWAYS.

Nov. 20-23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.

O. I. C. HOGS.

Jan. 18, J. L. Barber, Harlan, Iowa.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Nov. 24, W. M. McLemore, Seward, Neb.
 Nov. 27, 28, Parsons, Turner & Stewart, New-tou, Iowa.
 Nov. 27, Delmar McCann, Kennard, Neb.
 Nov. 30, Wayne County Short-horn Breeders' Ass'n, J. S. Crosby, Secy., Corydon, Iowa.
 Dec. 7, H. S. Daucan & Sons, Clearfield, Ia.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Dec. 11, W. J. McLean, Rock Valley, Iowa.
 Dec. 12, Combination sale at Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 12, J. W. Hanna & A. Robertson, Garrison, Iowa.
 Dec. 12, David City, Neb., W. C. McGavock, Springfield, Ill., Manager.
 Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Ia.
 Dec. 15, Holdrege, Neb., W. C. McGavock, Springfield, Ill., Manager.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, A. H. Brett, Mason City, Iowa.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, Joint Breeders' Sale, Marysville, Kan., F. P. Healy, Mgr.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Dec. 19, C. A. Saunders, Manilla, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 March 20, James Stack, Harvard, Neb.
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.

ABERDEEN ANGUS.

Nov. 22, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 22, J. Nissen, Meservey, Iowa.
 Dec. 4, Aberdeen Angus Breeders' Association Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosefield & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo. Sale at Omaha, Neb.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1-2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4-5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

HEREFORDS.

Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 Feb. 1, F. W. Hann, et. al., Harlan, Iowa.
 June 18, Hood & Baker, Dunlap, Iowa.

SHORT-HORNS, ABERDEEN ANGUS AND

HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 Apr. 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.

SHORT-HORNS AND DUCOC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

SHORT-HORNS, HEREFORDS AND ABER-

DEEN ANGUS.

Nov. 23, Blue Ribbon Sale, Kansas City, Mo., D. R. Mills, Mgr.
 Nov. 27-30, South St. Paul, Minn., D. R. Mills, Mgr.

POLAND CHINAS.

Nov. 26, G. B. Lobb & Son, Clay Center, Neb.

Jan. 8, E. H. Andrews, Kearney, Neb.

Jan. 12, H. C. Dawson & Sons, Endicott, Neb.

Jan. 22, Roy Rockwell, Paulina, Iowa.

Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.

Jan. 31, W. F. Garrett & Sons and John H. Harvey & Son, Maryville, Mo.

Feb. 2, Bert Fry, Clearfield, Iowa.

Feb. 5, Henry Dorr, Remsen, Iowa.

Feb. 6, E. M. Jenkins & Son, Byron, Neb.

Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.

Feb. 8, T. J. Charles, Republic, Kan.

Feb. 9, Wm. Ray & Son, Defiance, Iowa.

Feb. 11, Dan Needham, Woodward, Iowa.

Feb. 12, H. H. Hess & Son, Surprise, Neb.

Feb. 12, Jas. Watson, Madrid, Iowa.

Feb. 12, Reubel Bros., Rockwell City, Iowa.

Feb. 13, E. D. Keasey, Wlota, Iowa.

Feb. 15, H. H. Styer, Whittemore, Iowa.

Feb. 16, P. Dan, Burt, Iowa, at Algona, Ia.

Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.

Feb. 19, C. F. Hood, Battle Creek, Iowa.

Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.

Feb. 20, A. C. Lanham, Battle Creek, Iowa.

Feb. 20, W. J. Crow, Webb, Iowa.

Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.

Feb. 20, C. W. Phillips, New Sharon, Iowa.

Feb. 21, W. N. Booth, Danbury, Iowa.

Feb. 22, Chas. Cook, Danbury, Iowa.

Feb. 27, W. W. Wheeler, Harlan, Iowa.

PERCHERONS AND CLYDESDALES.

Dec. 18, A. H. Brett, Mason City, Iowa.

PERCHERONS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.

Jan. 25, M. S. Moats & Son, Randolph, Neb.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7-8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

JACKS AND JENNETS.

March 5, L. M. Monsees & Sons, Smlthton, Mo.

THOROUGHBRED HOGS AND CATTLE.

Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

THE OLD RELIABLE
..Anti-Friction Four Burr Mills..

Double the Capacity of other Mills.
 TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.
 30,000 Bu. With One Set of Burrs.
 I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.
 Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog.
 Bovee Grinder & Furnace Works, Waterloo, Ia.

FIELD NOTES.

Mr. A. A. Rogers, Inwood, Iowa, has some good Chester White boars for sale.

Shropshire rams are offered for sale by Mr. George Allen, of Lexington, Neb.

Mr. John Schneider, Remsen, Iowa, has a few splendid Poland China boars for sale.

Mr. W. J. Wendt, of Marcus, Iowa, is offering some good Duroc Jersey boars for sale.

Messrs. Sandquist Bros., Oakland, Neb., are offering a few choice Poland China boars for sale.

Choice Chester White boars are offered for sale by Mr. J. L. Barber, R. R. No. 3, Harlan, Iowa.

Buff Orpington and Buff Rock cockerels are offered for sale by Mrs. G. R. Fuller, of Rolfe, Iowa.

White Wyandottes are offered for sale by the Forest Home Poultry Farm, Box 253, Audubon, Iowa.

Messrs. Reubel Bros., Rockwell City, Iowa, have some good March and April Poland China boars for sale.

Duroc Jersey boars and Short-horn bulls are being offered for sale by Mr. Jas. T. Dollison, Sac City, Iowa.

Some very choice registered Suffolk fillies are offered for sale by Messrs. Peter Hopley & Son, of Lewis, Iowa.

Thirty choice Single Comb Brown Leghorn cockerels are offered for sale by Mr. John C. Miller, of Harlan, Iowa.

Some splendid Duroc Jersey boars sired by Osceola Chief are offered for sale by Mr. Gus A. Pederson, of Ocheyedan, Iowa.

Messrs. Chandler Bros., of Kellerton, Iowa, are offering some splendid imported and home-bred Shropshire rams and ewes for sale.

Some splendid big-boned, good length Duroc Jersey boars are being offered for sale by Roy E. West, Route 1, Box 6, Churdan, Iowa.

Some extra good Chester White boars are offered for sale by Mr. W. R. Webb, Spencer, Iowa. He also offers some good open or bred gilts.

Fifty top Duroc Jersey boars and gilts sired by the great Junior Jim and Orion are offered for sale by R. C. Poston, of Corydon, Iowa.

Messrs. C. W. Daws & Son, of Harlan, Iowa, offers a grandly bred Scotch bull for sale, sired by the international champion Nonpareil King.

Messrs. White Bros., Perry, Iowa, are offering a Pride, a Queen Mother and a few other good Angus bulls for sale at bargain prices in order to make room.

If you want a Poland China boar and you want a good one, write Mr. John Schneider, Remsen, Iowa. These are sired by Winning Perfection and Keep On Third.

Crimson Wonder Again, the great Iowa State Fair sweepstakes boar is the sire of a few pigs offered for sale by Mr. Grant Summers, of Malvern, Iowa.

Read the new advertisement of Messrs. Mack Stevens & Son, of Iowa City, Iowa, offering stock of both sexes for sale on page 35 of this issue of The Homestead.

Mrs. L. C. Reece, of Prescott, Iowa, is offering some very choice Plymouth Rock cockerels of the best strains of blood and strictly first-class birds at from \$1.25 up. Also a few good pullets.

Poland Chinas of the great big type are offered for sale by Mr. Jas. Cockerton, Route 1, Whiting, Iowa. He offers twenty-two March and April boars for sale that will weigh from 175 to 225 pounds.

Ten Duroc Jersey boars, with which pedigrees will be furnished, are offered for sale by Mr. S. S. Krcbill, of Donnellson, Iowa, in an advertisement that appears on page 29 of this issue of The Homestead.

Mr. Jas. P. Spearman, of Papillion, Neb., is one of the best young auctioneers in the West. He has a few open dates and will be pleased to hear from any of our best breeders who are contemplating making a sale.

Mr. Hal T. Hooker, of Maryville, Mo., advises that he has been obliged to change the date for the Aberdeen Angus sale at South Omaha to March 12th and 13th instead of March 19th and 20th, as claimed in our sale date columns.

Mr. Harmon Gruver, of Brewster, Minn., breeder of Duroc Jersey swine, writes that he has April pigs that weight 200 pounds or over, in a nice growing condition, for sale to Homestead readers. His advertisement appears on page 38 of this issue.

Six yearling Poland China boars, of good length, large bone and from large families, sired by Perfection E. L. 2d 11003, are offered for sale by Messrs. Judy & Delashmutt, of Salem, Iowa, in their advertisement found on page 36 of this issue of The Homestead.

One of the most successful poultry breeders in a noted poultry district is Mr. J. D. Smith, of Montezuma, Iowa. He opens an advertisement in this issue on page 10. On his farm may be found some very fine specimens of S. L. Wyandottes, Bronze turkeys

and Pekin ducks. Anyone looking for high-scoring stock at moderate prices will do well to write for prices and other desirable information.

A public sale of Hereford cattle is announced to take place at Harlan, Iowa, on February 1st, the consignors of which will be Mr. F. W. Hann and others.

An advertisement of the Turligano Land Company, of Chicago, Ill., offering land for sale in Cuba, will be found on page 22 of this issue of The Homestead. For descriptive booklet, prices and terms write them.

Messrs. J. B. Fuller & Son, of Alden, Iowa, are offering Duroc Jerseys that will weigh from 175 to 200 pounds for sale. They can supply Homestead readers with both boars and gilts. Their advertisement appears on page 37.

Single Comb Brown Leghorn cockerels are offered for sale by Mr. J. B. Eskildsen, at Lawler, Iowa, in his advertisement which appears on page 10 of this issue. They will be sold at a reasonable price if taken soon.

White Leghorn cockerels are offered for sale on page 10 of this issue by Mr. J. H. Pieper, of Leigh, Neb. He announces that they are extra fine birds and of his special bred-to-lay strain. Low prices will prevail until January 1st.

Mr. J. T. Kelley, of Gilmore City, Iowa, has fifteen Duroc Jersey boars sired by Ambition, Keep On 3d, Crimson Orion, and other good sires, which he is offering for sale on page 29 of this issue of The Homestead. Write him for description and prices.

Some splendid Iowa farms are offered for sale and for rent by the Allen Land Company, of Laurens, Iowa. It will pay you to investigate these if you want to buy a farm or if you want to rent a farm. Their lauds are located in the best section of the state.

Mrs. Will Michael, of Selma, Iowa, has 150 Single Comb Brown Leghorn cockerels which she is offering at a very low price per dozen in her advertisement on page 10 of this issue of The Homestead. She also has Buff Cochins Bantams and Indian Runner ducks for sale.

Mr. Grant Summers, of Malvern, Iowa, has two good Duroc Jersey boars for sale, sons of the sweepstakes boar, Crimson Wonder Again; also some right good boars sired by Lottie's Top Notcher, a son of Top Notcher Again. He also has boars by Top Notcher Again for sale.

Mr. H. C. Cunningham, of Weston, Missouri, is offering a few choice Hereford bulls. All are the get of Lord Southington, a son of Imp. Southington. Write Mr. Cunningham about them. They will be priced right and the man hunting a bunch will do well to look after them.

Breeding stock from the White Clover herd of Poland China swine is offered for sale in the advertisement of Mr. M. T. McEvoy, of Emmetsburg, Iowa, which appears on page 36 of this issue of The Homestead. His hogs are sired by Black Perfection 10515L. Write him for description and prices.

Messrs. Joseph Skluner & Son, of Bedford, Iowa, proprietors of the state road herd of Duroc Jersey swine, have a number of choice boars of March and April farrow for sale. They are the growthy, prolific kind. Their new advertisement appears on page 29 of this issue of The Homestead.

Mr. R. J. Peckham, breeder of Poland China hogs, of Pawnee City, Neb., writes that he still has a number of good growthy boars, among which are several good herd headers, that he is offering at prices that anyone wanting animals of this kind cannot afford to miss. His advertisement appears on page 35 of this issue.

Mr. A. C. Berry, of Unionville, Mo., owner of the great Short-horn bull, Imp. Mutineer, is offering thirty Scotch and Scotch-topped cows and heifers at a bargain price. The cows are all in calf to Mutineer and the heifers were got by him. Mr. Berry also has a number of young bulls by Imp. Mutineer that are ready for service.

Mr. F. A. Strong, of Orient, Iowa, has an advertisement on page 37 of this issue, announcing a brood sow sale on February 14th. He writes: "My hogs are doing fine and I expect to be able to put up as good a bunch of Duroc Jerseys for my sale on February 14th for breeding and individual merit as will be sold next winter."

Messrs. E. L. Nagle & Son, breeders of Chester White swine of Deep River, Iowa, announce on page 35 that all their hogs are sold and that they only have ten gilts left, except a bunch of September farrow, pigs which they are now offering for sale. They think they have some great herd headers to supply breeders in want of such.

Mr. Cbas. Sobotka, of Cainesville, Mo., proprietor of the Elm Lawn herd of Duroc Jerseys, is offering both boars and gilts. Among the boars is the yearling hog got by Elm Lawn Orion and out of Roycroft Princess 154th. Mr. Sobotka prices his hogs right, breeds them right and pleases his customers. See page 37 for his advertisement.

Mr. Carl Hansen, Herman, Neb., writes as follows: "I have purchased a yearling boar and now offer my old herd boar Bar None 30241 for sale after December 1st. I consider him good enough to do service in any herd in the state. Were it possible to use

him longer in my herd I would not think of disposing of him. Any Homestead readers who want a good boar and a good sire should correspond with me at once."

Mr. R. P. Downing, of Albia, Iowa, has some Chester White yearling and April boars which he is offering for sale in an advertisement on page 29 of this issue. He also has Silver Laced Wyandotte cockerels and 200 head of recorded high-grade Angora goats which he would like to find purchasers for through the columns of The Homestead.

The Allen Land & Loan Co., of Laurens, Iowa, have seven farms of all sizes which they are offering for rent to right parties. These are all Iowa farms. They also have over 100 farms for sale, and always have two or three bargains on hand. Write them for catalog and map, which will be sent free. See advertisement on page 23 of this issue.

Mr. A. B. Holbert, of the Greeley Horse Importing Company, of Greeley, Iowa, writes: "Business looks very promising. We are sending horses into all parts of the United States, and have never before had such a fine lot to dispose of." The advertisement of the Greeley Horse Importing Company will be found on page 32 of this issue of The Homestead.

Mr. M. A. McWilliams, of Wall Lake, Iowa, has a few good Duroc Jersey boars for sale sired by the well-known boar, Orion J., a full brother to the noted prize-winner, Arion. These are out of granddaughters of Duroc Challenger and Orion, and one is out of a full sister to Crimson Wonder. Write Mr. McWilliams at once. He can suit you in price and in boar.

Mr. James Fisher, of Eastman, Wis., the well-known breeder of Chester White swine, makes the announcement in his advertisement on page 35 of this issue that his spring pigs are all sold and that he now has to offer sixty choice fall pigs. He is going to sell them cheap, and if any Homestead readers want something choice, Mr. Fisher has it. Write him for catalog and prices.

Custer county lands, some of the very best lands in the state of Nebraska, are offered for sale from \$15 to \$30 per acre by Mr. P. M. Marlay, of Mason City, Neb. This will only be for a short time, so if you are thinking of making an investment that will double your money you must write him at once. Tell him you saw his advertisement in The Homestead, and you will be sure of an immediate reply.

Do you want some good Barred Plymouth Rock cockerels? If so, the advertisement of Mr. Samuel Bone, of Montezuma, Iowa, on page 10 of this issue, will be of interest to you. Mr. Bone writes: "We have a nice lot of early cockerels, great big fellows, with heavy bone and nicely barred. I think your readers will find them real bargains at \$1 each. We must close them out for we need the room. Those who send early orders will get first choice."

Mr. Ernest L. Mear, of Neponset, Ill., breeder of Chester White swine, in asking us to make a slight change in his advertisement which will be found on page 35 of this issue of The Homestead, says that he is entirely sold out of boars, excepting some of May farrow. These will weigh from 125 to 150 pounds and he is pricing them at \$20 and \$25 each. He also has some very good gilts for sale which will be sold either bred or open. He has five good boars in service in his herd and reports that his hogs are all healthy and doing well.

The advertisement of Messrs. W. L. Addy & Son, of Parnell, Mo., appears on page 38 of this issue of The Homestead. These gentlemen, writing in regard to their stock, say: "We are well sold out of spring males, but have one splendid farmer's pig which would be appreciated by an enterprising farmer. We would be pleased to correspond with those in need of such an animal. We have a fine string of summer and fall males that are full of promise, and it might be of interest to those looking for something to fit for next year's show, to make our herd a visit. We have a had a good trade this year, having sold since our March sale hogs from California to Missouri, the Dakotas to Texas. Most of our pigs have gone at farmers' prices. We have reserved all of our female stuff for the brood sow sale which will be held about February 22d. We have a nice lot in course of development and feel that we will be able to furnish the boys with

something new and attractive." Messrs. Addy report a visit recently to the well-known herd of Mr. L. H. Roberts and speak very highly of the stock they found there.

The advertisement of Mr. M. A. Easthouse, of Hartley, Iowa, will be found on page 29 of this issue of The Homestead. In furnishing copy Mr. Easthouse writes: "My Poland Chinas are in good condition, the pigs are growing and extra heavy boned. I guarantee satisfaction or will refund the money. My herd boar, Oris Duke 88967, which I am offering for sale, is of extra good length, heavy-boned and with well-sprung ribs. I will ship this hog on approval to any reliable purchaser. I guarantee him to be a good breeder."

Mr. W. J. Prather, of Russell, Iowa, writes in regard to his Duroc Jersey swine, an advertisement of which appears on page 37 of this issue: "I have some good growthy boars for sale by Proud Advance and Top Notcher Again. Some of them are of extra length. I also have a nice bunch of gilts and as I will not have a sale I will sell them bred or open, with more than sale expenses off. If any reader of The Homestead is in need of something lengthy, I have them sired by the second-prize yearling at Des Moines this year and the first prize at the Nebraska State Fair."

On January 25th at Fullerton, Neb., Mr. Thomas F. Miller, one of the oldest and best breeders in the state, will close out his entire herd of Poland Chinas, including some of the best brood sows that have ever been brought to the West. Mr. Miller became well known in the West through his herd boar, Peter Sterling, a son of old Chief Tecumseh 3d, that had more size and bone than is usually found in one hog, and he was a great breeder. Many of his daughters will be in this sale and they are great brood sows. We will let our readers know more about this sale in due time.

"The pigs I am offering for sale," writes Mr. W. A. Bender, of Rowley, Iowa, in furnishing copy for his advertisement of Large English Berkshires, which appears on page 29 of this issue, "are a fine lot. They are first class in every way. All are strong, growthy fellows and ready for business. They are of the best of breeding and the gilts will be bred to a first-class boar, bought at the state fair from prize-winning stock. These pigs will be bargains at the prices that I am quoting them. I have been breeding Berkshires for fifteen years and have as good as money can buy. I will send out none but the best to customers."

Mr. J. T. Judge, of Carroll, Iowa, proprietor of the Walnut Grove herd of Short-horn cattle and Poland China swine, has a new advertisement in this issue of The Homestead. It will be found on page 34. At the head of his Poland China herd stands the boar, Clear The Way 23482, winner of first in two-year-old class and first as champion at the Iowa State Fair in 1906. He is assisted by Defender 98447 by Old Corrector 63379. Mr. Judge considers him one of the greatest sires known to the breed. Billy Sunday 83621, a very large-boned hog, has also been used in the herd. Stock is offered for sale at reasonable prices.

Messrs. A. M. Avery & Son, of Mason City, Iowa, who have been offering Shropshire rams for sale, write: "We have to report that our yearling Shropshire rams are all sold and the nice thing about it is, without a single exception our customers have been more than pleased with their purchases. Now, we want to make thirty more pleased customers with our Duroc Jersey boars. We have an extra good lot which we believe will suit the most exacting buyer. In fact, we guarantee them to meet with the approval of the buyer or they may be returned. It has always been our aim to deal on the square and we shall try to please every buyer." See advertisement which appears on page 29 of this issue.

Mr. W. F. Hemmerling, of Dike, Iowa, breeder of prize-winning Chester Whites, wishes to call breeders' attention to Modeler 13235, whose "sketch" will be found on page 28, also to his advertisement on page 35. Look at the sketch and then at the winnings of this magnificent boar, sired by Nashua Boy 12563, also a state fair winner. Modeler is just as his illustration shows. He is extra long with a splendid wide back, well-sprung rib, great bulging hams and shoulders, fine head and ear, good heavy bone and extra good feet and legs. Modeler made a trip to five of the best state fairs this year—Iowa, Minnesota, Wisconsin, Kentucky and Illinois—and made a clean sweep, landing first in class at each and breeders' champion at the great Iowa State Fair, a record that has never been equaled by another Chester White boar under one year of age, we believe. A few choice White Plymouth Rock cockerels for sale.

Within a comparatively few years the Watson, Woods Bros. & Kelly Co., of Lincoln, Neb., importers of draft and coach horses, have risen to a point where few if any importers handle more horses within the year than does this firm. The Percherons are brought in largest numbers, with English Shires next. German Coachers and Royal Belgians are also handled by this firm. Their horses are selected by that veteran importer and judge, Mr. Joseph Watson. It is a well-known fact that Mr. Watson likes the good ones only, that he selects horses with scale, good legs, sound feet and that quality is never lost sight of. The first shipment of thirty black and gray Percherons, twenty English Shires, a few German coachers and Belgians arrived in fine condition and are now quartered at the barns in Lincoln, Neb. This firm have never had a better class of horses in their barns than now. They are mostly dark colors with now and then a beautiful gray among the Percherons or a chestnut among the English Shires. The Watson, Woods Bros. & Kelly Co. point with pride to the regularity with which their old customers return for stallions. That the buyers of stallions have confidence in this firm was proven at the public auction they held at Lincoln last winter. They this year are selling at the barn door and at very close prices. Mr. Watson is now on his way over with another importation of fifty or more. To the man wanting a stallion the Watson, Woods Bros. & Kelly Co. extend a cordial invitation to visit their barns. Pictures of their horses are being made and will be sent to prospective purchasers on request. See page 33 for advertisement and when writing this firm kindly mention this paper.

Registered Scotch Collie puppies, bred from trained parents, are offered for sale on page 10 of this issue, by Mr. A. H. Gerot, of Riverside, Iowa.

For the next fifteen days Mr. J. O. Walton, of Belle Plaine, Iowa, will sell April and May Poland China boars, at very moderate prices. The advertisement which appears on page 29 of this issue, will give further particulars. He also has Mammoth Toulouse geese for sale and high-scoring Barred Plymouth Rock cockerels.

"The Best Insurance for the Least Money" is the motto of the Bankers' Accident Insurance Company, whose advertisement appears on page 14 of this issue of The Homestead. The company is now operating under the supervision of eight states and is contemplating entering others. The Bankers' Accident Insurance Company, of Des Moines, Iowa, is one of the strongest institutions of its kind in the middle West, and those of our readers who are interested along this line will do well to write the company at 508 Youngerman Block for particulars regarding their policy. The following is an extract from the official report of the bank examiner of the state of Iowa: "The records and correspondence of the company show that it is prompt in the settlement of its losses. The business on the books of the company is of good character, and its affairs seem to be intelligently and honestly managed."

Writing in regard to his Duroc Jersey herd, Mr. H. S. Allen, of Russell, Iowa, says: "I still have some good boars for sale, sired by Leather Stockings 2d and Top Notcher Again, also one April boar by Crimson Wonder Again, the Iowa champion, and one pig by Keep On, Messrs. Johnson Bros.' herd boar. We have one especially fine pig sired by Leather Stockings 2d and out of the best Top Notcher sow that is on the farm. He was farrowed March 16th, there being thirteen pigs in the litter. He has extra good back and hams and good short head and nose, heavy bone, good legs, built close to the ground and is ideal in color. He should go to head some good herd and will be priced very reasonable. The Crimson Wonder pig has heavy bone and best of feet, with a good body and best of color. He will be priced to move him. In fact, any of our hogs will be priced very reasonable, as we wish to close them out to make room for our sows that are being bred for our February sale."

One of the best herds of Short-horns in southwest Iowa is owned by Mr. C. F. Mitchell, of Shenandoah. At the head of the herd is Gondomar 25394, a son of the great Choice Goods and out of Golden Lassie, by Galveston. The late Colonel Casey paid \$2,000 for Golden Lassie and she was one of the best cows in his herd. The youngster was purchased at the closing out sale of the Tebo Lawn herd, and he cost Mr. Mitchell nearly \$500. He is a richly bred Victoria and a roan in color. He has made splendid development in Mr. Mitchell's hands and he is going to make one of the best Short-horn bulls in the state. He has a choice lot of females in his herd, and these will all be bred to this son of Choice Goods. He also breeds Poland China hogs, and the combination has made him plenty of money. He will make a sale later on when we will have something of interest to say to Homestead readers about what he will sell on that occasion.

"Our sales have been very satisfactory in both stallions and mares during the past month," write Messrs. Maasdam & Wheeler, of Fairfield, Iowa, under recent date. "We are having numerous inquiries for stock. Both our imported and home-bred stallions are doing well and are in fine condition. We do not hesitate to say that we can show more size, bone and quality in our Percherons than any other dealer or breeder. Our mares are black and dark grays in color. We can mate up several well-matched teams of well-broken pairs. The oldest mares are seven years old and we offer them from weanlings to this age for sale. We have a three-year-old mare that is pronounced by leading breeders, who have seen her, to be the largest Percheron mare in America, in size of bone, width and all points that go to make up a large draft animal. We give a liberal guarantee with all stallions sold and our prices are more reasonable than other breeders on first class stock. We would be pleased to entertain anyone coming to see our stock, and will meet them at Fairfield when notified of their coming." Read their advertisement on page 32 of this issue.

Mr. U. G. Davidson, of Manson, Iowa, breeder of Duroc Jerseys, writes: "I still have half a dozen good boars by Crimson Wonder I Am, and several by the massive yearling, Iowa Wonder 44863, that should head good herds. It will be remembered that at the boom sales last year boars sold for four and five times what was asked for hogs sold from this herd, yet at the final roundup at Des Moines this fall Crimsons were easy winners. There is still show yard material in the herd and no breeder will have to mortgage his farm to buy it, either. I will sell my herd boar, Iowa Wonder 44863, and let him go December 1st. I also have a good son of Orion for sale. These boars have proved their ability to sire good stuff and are sold for no faults. Any breeder who desires a good herd header or who would like a boar to fit for the show next year is cordially invited to come and visit my herd. I have a few prospects yet that are as good as some I sold last year that made great records in the show ring. Call and be convinced. I sell boars by mail order to all who care to purchase that way, and guarantee my descriptions, but prefer personal inspection of the herd. Parties writing, after reading advertisement on page 39, please mention The Homestead."

Mr. Clyde H. Smith, breeder of Duroc Jersey swine at Riceville, Iowa, writes: "The pigs that I am offering for sale are a first-class lot in every way. As my advertisement on page 29 states, most of them are sired by Pine 37903, winner of second in class at the Minnesota State Fair, 1905. I also have a few boars sired by a son of Improver 2d. I would like to book orders for a few more extra good gilts to be bred to either of my two herd boars. One is a son of Iowa Notcher, winner of first in class at the Iowa, Minnesota and Interstate Fairs. His dam is Galva Lena. She was sixth in class at Iowa State Fair, 1905; also

BLACKLEGOLDS



**JUST A LITTLE PILL
●● THIS SIZE ●●**

placed under the skin
by a single thrust of
the instrument . . .

**No Dose to Measure.
No Liquid to Spill.
No String to Rot.**

**SIMPLEST, SAFEST,
SUREST, QUICKEST
WAY TO VACCINATE
CATTLE AGAINST
BLACKLEG**

Purchasers of 100 doses
get an Injector FREE

For Sale by all Drug-
gists. Send for Free
Booklet.

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DETROIT, MICHIGAN.

sixth in class, 1906, and was one of the fifth prize aged herd at Iowa and one of the second-prize aged herd at Minnesota State Fair, 1906. He is one of the heaviest boned hogs I ever owned. My other herd boar was bred by Mr. A. B. Wingerd, of Kingsley, Iowa. His sire is Golden Star by Advance. His dam, A's Choice, was first in class under one year at Sioux City. Her litter brothers won first, second and third last year. A's Choice is also a full sister to W's King, first-prize and sweepstakes boar at Sioux City this year. Now, if these boars are not bred right I don't know where to get them and if any of The Homestead readers want a good boar or a gilt, either bred or open, I think I can please them."

Mr. B. M. Boyer, breeder of Chester Whites at Farmington, Iowa, writes: "I wish to state that I have enjoyed the best trade this fall that I have ever experienced since I have been in the business. I have sold twenty-six head in the last three weeks, not over three to any one man, and not one dissatisfied customer. I will give anyone the names of those to whom I have sold upon request, and they can write them and see what kind of hogs I am selling. I still have nine head of boars, weighing 150 pounds or better, that I am pricing down right; also eight head of boars weighing right around 200 pounds or better, any one of which is good enough to head any herd. I am pricing them for what they are actually worth and no more. My gilts will weigh from 150 to 200 pounds, and I keep none of my stock fat, just in breeding shape, and can supply pairs and trios not akin. Remember I pay the express charges and ship C. O. D., or on approval, to anyone giving good reference. I will be pleased to mail anyone my catalog on request, giving the breeding and a full description of my herd. If anyone desiring to purchase will describe just what they want, I can then tell if I can fill their order or not, and hold same for them; otherwise if they write for me to describe them I may sell the one that I describe before they can order, as I am receiving from four to ten inquiries daily." See advertisement on page 35.

PRITCHARD'S BIG POLANDS.

Dr. H. Pritchard, of Wisner, Neb., one of the best Poland China breeders in the West, is offering a splendid bunch of young boars for sale. These are sired by his 1,000-pound boar, Big Tom 2d; Wisner Chief, a son of Chief Tecumseh 3d; Perfection Keep On, and Black Joe. He has some choice pigs with size and finish for sale.

TILLMAN HAS GOOD ONES.

One of the coming bred sow sales that should attract the attention of breeders and farmers of the corn belt is the sale to be held at Ragan, Neb., February 27th, by Messrs. S. J. Tillman & Son. These gentlemen have been breeding Durocs for some time and were among the very first to bring the Duroc hog into this section of the country. Messrs. Tillman have been buyers of some of the choicest stock at many of the good sales and by good judgment of mating hogs they now have an extra good bunch of sows to offer the lovers of this breed when they arrive on sale day. This herd is headed by Jumbo's Ideal, a large, strong fellow with much substance and quality enough to be used in any herd. Messrs. Tillman have just bought a son of Nebraska Wonder by Crimson Wonder that we consider one of the best things in the male pig line we have had the pleasure of

Warranted to Give Satisfaction.

Gombault's Caustic Balsam



Has Imitators But No Competitors.

A Safe, Speedy and Positive Cure for
Curb, Splint, Sweeney, Capped Hock,
Strained Tendons, Founder, Wind
Puffs, and all lameness from Spavin,
Ringbone and other bony tumors.
Cures all skin diseases or Parasites,
Thrush, Diphtheria. Removes all
Bunches from Horses or Cattle.

As a Human Remedy for Rheumatism,
Sprains, Sore Throat, etc., it is invaluable.
Every bottle of Caustic Balsam sold is
Warranted to give satisfaction. Price \$1.50
per bottle. Sold by druggists, or sent by ex-
press, charges paid, with full directions for
its use. Send for descriptive circulars,
testimonials, etc. Address

The Lawrence-Williams Co., Cleveland, O.

seeing this year. The sows in the sale will be mated with these two fine young males and we earnestly request our readers to attend this sale and whole circuit, as you don't know what these boys have in store for you. Remember the date, February 27th, and make arrangements early to attend the sale.

GOOD HEREFORD COWS AND HEIFERS.

Any of our readers who want some good Hereford cows and heifers should write to Mr. W. W. Wheeler, of Harlan, Iowa. He is long on females and says that he will make special prices for the next sixty days. These are royally bred and are good individuals. He needs the room, and the man that needs cows and heifers will get some bargains if he will only go and see Mr. Wheeler.

SOME GOOD SHORT-HORN CATTLE FOR SALE.

On page 34 will be found the announcement of Mr. J. H. Moyer, of Newton, Iowa, announcing the sale of some good Scotch and Scotch-topped Short-horn cattle. Mr. Moyer's herd has for some time been headed by Scottish Baron, a straight Cruickshank bull that has left his impress on the herd for good. Parties in quest of either bulls or females and who desire to buy at private treaty will do well to correspond with Mr. J. H. Moyer, of Newton, Iowa.

ALLDRITT'S DUROC JERSEYS.

Mr. Frank Alldritt, of Friend, Neb., wishes to say through the columns of The Homestead that he has a few extra good male pigs left that will be priced right if taken at once. He has three sons of Ohio Chief that are good ones and one of them he considers good enough to head any herd. Their dam was Fortune Teller by Won't Be Beat by old Kan't Be Beat, the \$2,500 boar. You will find here an extra good bunch of male pigs from ten of the most noted sires in the business. Write him at once and get your choice before the good ones are gone.

THREE GOOD YOUNG SCOTCH BULLS FOR SALE.

Mr. J. D. McDermott, of Wiota, Iowa, offers to sell three good young Scotch Short-horn bulls. Two of these are sired by Imp. Fashion Favorite, one being out of Imp. Augusta Bruce, and the other out of Imp. Gilted Maid. The other is sired by Imp. Craibstone, out of Miss Bess by Bap-ton Spice. There is no better breeding than is behind these three young bulls. The breeder who is looking for a herd bull should go and see these. Mr. McDermott says that he will price them at such a figure that any man that has a herd can afford to buy. Write him or go and see them. Kindly mention The Homestead when doing so.

FARMERS, LEND YOUR EARS.

The above attention is all that is asked by the Farmers' Supply Company, of West Branch, Iowa. They will convince every thoughtful farmer that big money can be saved by purchasing rubber roofing direct and save money. One ply weighs thirty-six pounds per square, and sells at \$1.50 per square, with nails, caps and cement for laying. No such prices have ever been made to farmers direct on a first-class roofing. This roofing needs no coating. It is suitable for either steep or flat roofs. It will not leak. The Farmers' Supply Company are perfectly reliable and reference can be made to Citizens Bank at West Branch. If goods are not as represented and satisfactory, money will be refunded on return of the roofing.

GEO. KARCHNER BUYS GOOD BOAR.

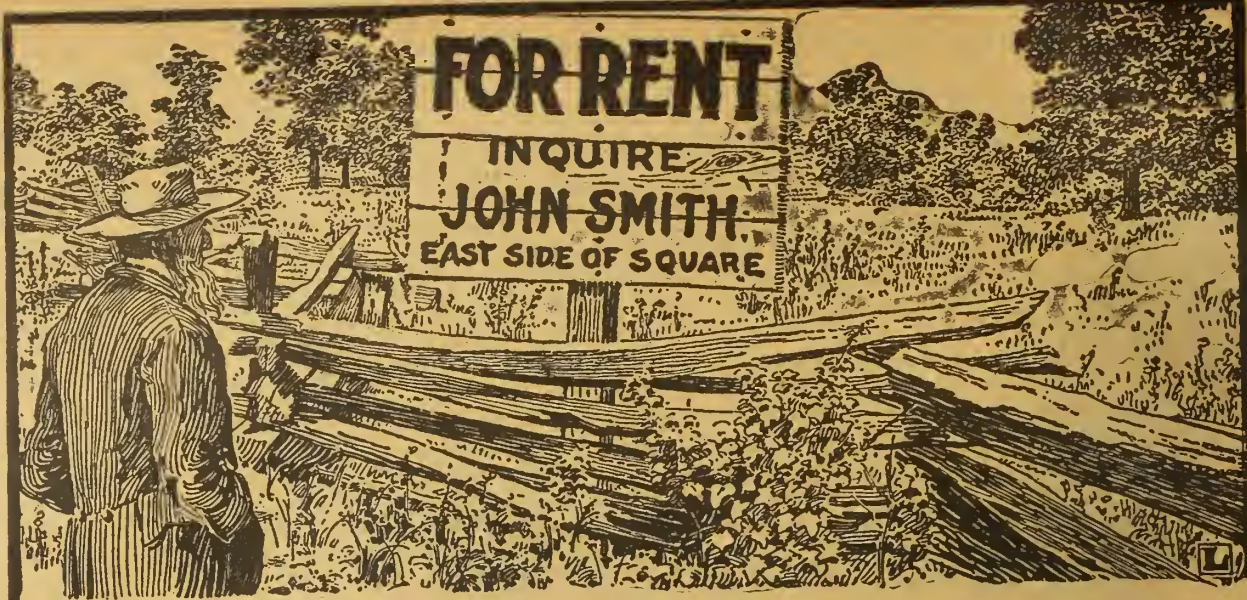
In looking over the many good herds of Duroc Jersey hogs in southwestern Nebraska, we find that these men are making rapid advancement in improving their good herds. Upon calling on Mr. Geo. Karchner, at Wilcox, Neb., we find that he has recently bought the first-prize male pig at the Topeka fair, 1905. Journal II. 39127, as he is called, is, we consider, one of the coming hogs of the business. He is a good pig in every respect and was purchased by Mr. Karchner to assist in making his coming brood sow sale an attractive one. The sire of this hog is Duroc Jim 22829, by Liberty Perfection 11195. Mr. Karchner will hold his annual brood sow sale February 28th and will have an extra good bunch of gilts bred to this hog to offer the buyers.

PERCHERON STALLIONS AND MARES.

On page 29 of this week's Homestead will be found the advertisement of Mr. Jesse S. Golder, of Scribner, Neb., who offers to sell ten head of young Percheron stallions, ranging in age from two to four years. He also offers to sell a few choice Percheron mares at living prices. Mr. Golder is one of the best draft horse men in Nebraska and is a natural born horseman. His father was one of the pioneer Percheron draft horsemen in that state and his reputation for square dealing was above reproach. Mr. Jesse Golder, the son, and the present owner of this stud, was brought up under this strict school, and there is not a better horseman in the West among the younger generation. He will be pleased to hear from anyone wanting stallions or mares.

LAST CALL FOR THE LENTZ CLOSING OUT DUROC JERSEY SALE.

On Tuesday, November 27th, at his farm near Earlham, Iowa, Mr. W. J. Lentz will close out his entire herd of Duroc Jerseys. He is offering about forty-five head in all, including herd boars, brood sows and young gilts. He also has a few good young boars for sale. In his announcement Mr. Lentz says: "Having sold my farm with the intention of moving to town, I am forced to dispose of my entire herd of Duroc Jerseys. In this herd will be found some well bred hogs having the blood of Orion, Top Notcher, Golden Rule and others of equal merit. They come of prolific families and their sires and dams have been well selected. They are of good build, good back and bone. My herd has not been overfed, but is in excellent condition. Some of the stuff that goes in will be sired by Lentz Red 16903, a son of old Red Lad out of Colma by Modoc Chief. Most of the young stuff will be sired by Gold Bud 43791. This is a Watt & Poust bred hog, and traces back to Orion. Kan't Be Beat, and old Top Notcher. He is a big-boned, lengthy boar, and all his pigs are growthy and well developed for their age. There will also be some good things in this sale sired by Addy's Top Notcher. There will be a choice lot of gilts in this



You can buy a farm in the Southwest for what you are now paying in rent

Do you realize that you are paying each year in rent the cost of a whole farm in the Southwest? When your present lease is up, take the money you would pay for rent next year and *buy* a farm in the Southwest. Good land in the Southwest costs only a fraction of what similar land costs in your state and you can raise big crops on it—probably bigger than you have been raising on the farm you are renting. At the end of your first year in the Southwest you will likely find your farm all paid for and the profits from the crop *all yours*.

The Southwest is a wonderful country

it will not be many years until it will be one of the richest agricultural sections of the United States. All it needs is men to cultivate its rich lands to make it the garden spot of America. It is only because there is so much unoccupied land that it sells for so little. Five or ten years hence the Southwest will be so well settled that good land will command as high prices as that in the best of our Northern and Eastern States.

The farmer in the Southwest has all the best of his brother farmer in the North and East. He is sure of big crops—he gets better prices for what he raises—he has good markets, splendid schools and churches and a better climate, especially in winter. He is happy, healthy and prosperous and he could not be induced to go back to his native state.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines
1413 La Salle Street Station, Chicago or 1413 Frisco Building, St. Louis.



sale, and some of these will do to go into brood sow sales in the spring. Breeders can well afford to attend this sale and pick up some of these, as there is money in them. Remember that everything goes, from herd boars and brood sows to sows with litters. Send for catalog and be sure to attend this sale. Kindly mention The Homestead when writing for it.

MONTEZUMA, IOWA, POLAND SALE.

At one o'clock, December 4, 1906, at the above place Messrs. F. E. Terrell & Son and E. F. Saunders will offer for sale fifty head of Poland China males and females. Both gentlemen have some splendid stock to

offer. Mr. Terrell is well known as a breeder of first class Polands as an inspection of the herd proves. A number of the young boars and gilts are sired by Jones Wonder 108223, a half brother to the hog that won second at Des Moines this year. This boar has proved his ability as a sire as his pigs have been in great demand by nearby breeders. A young vigorous boar in the sale won first at New Sharon fair in strong competition. There are also a few sired by On Exhibition 105171, thrifty, stylish pigs. The collection by Black Chief 93297 contains what many a breeder is looking for. They have good bone, are up on the toes and in good condition. This sire is one of sons of Da-

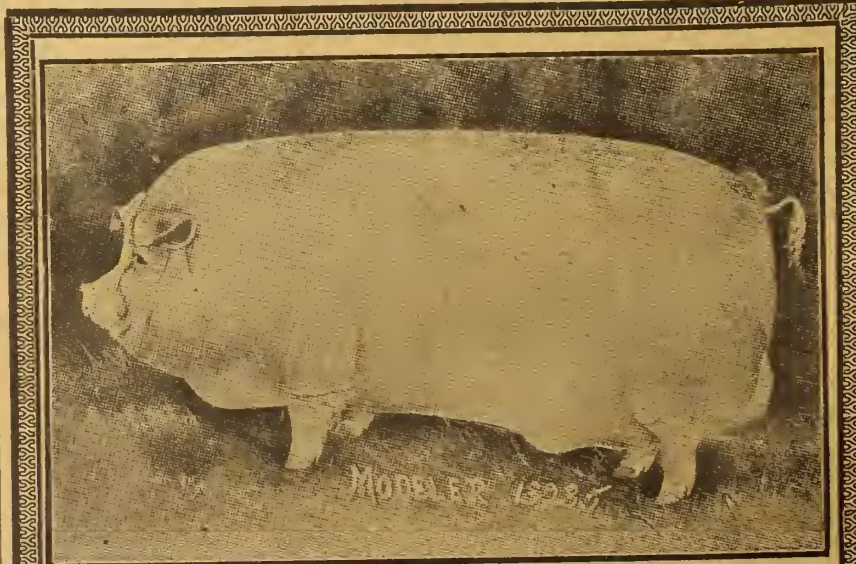
kota Chief 16581. Parties from a distance will be entertained. Here will be a chance to secure well bred hogs at your own prices. Good connections on the railroad, and a minute's walk to the sale ring. More about the breeding of these hogs next week. They are worth your attention.

GOOD ANGUS BULLS FOR SALE.

On page 29 of this week's Homestead will be found the advertisement of Frank B. Paup, of Kirkman, Iowa, who offers seven good young Aberdeen Angus bulls for sale. He says regarding these: "Rosene Favorite 64833 is a three-year-old, and is a son of Hale Lad 30645. He is a Queen Mother, and I have used him in my herd. I am saving all of his heifers, therefore must let him go. I am also offering a richly bred K. Pride, two Duchess, a Heatherbloom and a Carnation. These bulls are in nice condition and are ready for service. I will make a special price on the bunch, should one man want them all, or I will sell them separately." If any of our readers want an Angus bull they will help themselves by getting in touch with Mr. Paup at once.

SHORT-HORNS AT AUCTION.

Few sales are of greater importance to Short-horn breeders than the one to be had Wednesday, December 5th, during the International. A few cattle each from a large number of herds comprise the sale. They are of such excellent breeding and rare individual merit as will tempt the most discriminating buyers. The offering of cows and heifers has not been surpassed by any former sale conducted by the American Short-horn Breeders' Association, while the lot of bulls is without question the best that has ever been offered, and will afford a most excellent opportunity to get choice herd bulls. Prominent in the offering is Superbus 224710, a Cruickshank Secret, a prize winner of rare merit, got by Imp. Scottish Pride 128543, and having Golden Knight, Imp. Craven Knight and Roan Gauntlet among his ancestors. Another Cruickshank Secret is found in Royal Commander 267242, a son of Victoria's Count 141842, and one of the best young bulls produced in the Village Parke herd in recent years. Robin Hood, a son of Imp. Cock Robin, is also a choice bull. Nonpareil Star, a grandson of that remarkable sire, Nonpareil Victor, is a young bull of unusual merit. Then come Straight Goods, an excellent son of Choice Goods, Golden Cross, Fearless Sultan, a Marr-Besie, Gay Emperor, Merry Robin, Higblander, Fairbanks, Morning Star, a son of the \$1,840 Star of the North, and any notice of this sale would be very incomplete that failed



Modeler 13235, Vol. 12, breeders' champion at the Iowa State Fair, and first in class at the following state fairs: Iowa, Minnesota, Wisconsin, Kentucky and Illinois, 1906; headed young herds that won first, and several specials to his credit. Modeler was one year old September 5th, and weighed 500 pounds. We have a very choice bunch of gilts and fall yearlings to be bred to this great hog to be shipped when wanted. Address W. F. Hemmerling, Dike, Iowa.

to mention Bapton Hero and Bapton Ensign Jr., two excellent sons of the great sire, imp. Bapton Ensign. Write for catalog. Sale begins at 1 p. m., Wednesday, December 5th.

SEND FOR HULBERT'S CATALOG.

One of the most up-to-date Poland China catalogs that has been issued this year is that of Mr. Charles M. Hulbert, of Oakland, Neb. It is profusely illustrated with reproductions of all of his herd boars and brood sows and each litter is given in detail. Mr. Hulbert owns the great boar, Oakland's Prospect, the second-prize aged boar at Nebraska State Fair this year, and one of the best breeding boars in the West. This boar has great size, combined with quality, and he has the happy faculty of transmitting it to his get. If you are on the market for a Poland China boar to put at the head of your herd, a son of Oakland Prospect will be the thing. His splendid catalog will be mailed to all who mention this paper. Write for it at once.

KARCHNER'S DUROCS.

Mr. A. A. Karchner, of Wilcox, Neb., has just recently made a great addition to his herd of Durocs by buying the great boar, Lord Gold Finch 29263, by Gold Finch, the first-prize boar at the Chicago International show, and having for his dam Dotie 37472, the grand champion sow of the world at the St. Louis Fair. This grand old sire is a prize winner himself and Mr. Karchner expects great results from this hog when crossed on some of the good sows he now has in his herd. He will be assisted by Nebraska Wonder by old Crimmon Wonder, a hog that has already proven himself a great sire. Mr. Karchner will hold his annual brood sow sale March 2d and in this sale you will be able to buy a Nebraska Wonder sow bred to Lord Gold Finch. Remember the date and arrange to attend this sale.

SANSTEAD'S DUROCS.

Mr. Wm. Sanstead, of Holdrege, Neb., is one of the young Duroc breeders of Nebraska that deserves much credit for the showing he has made in the business in so short a time. He will hold his annual brood sow sale on February 25th, which is the first day of the southwestern Nebraska Duroc Jersey brood sow circuit. In this sale will be daughters of his herd boar, Munger's Ideal, by Ideal Perfection; dam Myrtle by Sensation Jr. This hog is an extra good one in every respect, having won four firsts and one second prize in the leading state and interstate fairs of the East in 1905. He was bred and shown with great success by Mr. A. A. Munger, of Janesville, Wis., and purchased by Mr. Sanstead at a long price. There will be several good sows in the sale bred to this hog and it will pay you to keep this sale in mind and get a sow bred to Munger's Ideal.

MCLEAN'S SHORT-HORN SALE.

On December 11th, Mr. W. J. McLean, of Rock Valley, Iowa, one of the best-known breeders in northwestern Iowa, will sell fifty head of Short-horn cattle. There will be forty-three females and seven bulls in the sale, among which will be seven head of Scotch cows and heifers and four Scotch bulls. Golden Lass, a three-year-old daughter of Sittytown Hero, will have a calf at foot by Ceremonious Archer, and Queen Victoria 7th, a richly-bred two-year-old Victoria heifer will be bred to his Scotch herd bull, Valley Sovereign. He also sells Mysie Lady, a daughter of Ahiquil, and a richly-bred Mysie. She is in calf to Valley Sovereign. There will be some good young bulls in the sale, both Scotch and Scotch-topped. The catalog is now in print and will be mailed on application. Write for it today and kindly mention The Homestead when doing so.

PREMIUMS FOR MIDDLEMEN'S PROFITS.

A big book tells all about it. A postal will bring it. This big book shows over a thousand premiums which are given in place of middlemen's profits. These profits that are made on goods on their journey from producer to consumer are all saved. The plan is to sell direct to you from factory. Crofts & Reed, Austin Ave., Dept. 134, Chicago, are making some eye-opening bargains. They sell soaps, tea, coffee, baking powders, flavorings, perfumes, breakfast foods and the like. On page 3 will be seen one of their premiums. Take advantage of their offer. They send a nice cake of fine toilet soap free. The man who is most successful in business is careful about details. It may be that your yearly expense in these things is small. Even so, a dollar saved is a dollar earned. You can use the dollar as well as the other fellow. When you write this firm please mention The Homestead.

LAST CALL FOR W. W. BROWN'S DISPERSION SALE OF SHORT-HORNS.

The last announcement of Mr. W. W. Brown's dispersion sale of Short-horns will be found on page 31. Mr. Brown makes this sale in order to devote his time to other business. That the herd should be dispersed at this time is to be regretted, as Mr. Brown had within the past year made additions to the herd that took considerable money and had he realized that he would find it necessary to quit the breeding of this, his favorite breed, at so early a date these additions would probably not have been made. But be that as it may Mr. Brown will sell and there should be men who are willing to buy his cattle. Among these additions was the massive rich red roan bull, imp. Tillycain, whose pedigree will be found in the advertisement. Mr. Brown paid a long price for Tillycain. From the records of his ancestors the bull should be worth the price. His dam imp. Circe 3d has two sons that are in good herds, one being now in service in the herd of Messrs. T. K. Tomson & Sons, of Dover, Kan., the other in service in one of Missouri's good herds. He has also proven a good sire in the herds where he formerly did service. Today he is as active and sure as many a younger bull and will do service for years to come. The cows in Mr. Brown's herd are cows that have been selected and bred by Mr. Brown with the intention of maintaining a herd of useful workers. They are all well along in calf to imp. Tillycain. Eight heifers just ready to breed will be found good things to buy. They were got by Mr. Brown's former herd bull, Pride Victor, a Scotch Victoria bull that was used with much success. Mr. Brown does not expect to realize any fancy prices for his cattle. He has not indulged in a great amount of fitting and all will be sold in just useful breeding

condition. Remember the date is Wednesday, November 28th.

SELLERS & SON WILL HOLD BRED SOW SALE.

Messrs. M. A. Sellers & Son, of Huntley, Neb., will hold their annual brood sow sale on February 25th, and will have an offering that should attract the attention of the best buyers. Their herd is rich in the blood of the most noted strains, they having purchased nothing but the best when laying a foundation for their herd. At the head of the herd is the yearling boar, Sellers Duroc by Cole's Duroc, dam Pauline by Paul Finch by Gold Finch. He is an extra good yearling with good width and depth and a pig that will make a creditable showing if properly cared for from now on. He will be assisted in service by a son of Ohio Chief that we consider one of the best Ohio Chief pigs to be used this year. They also have a good male pig by Dandy Top Notcher by Tip Top Notcher that will be used on some of the best gilts. Don't forget this date, as it will be one of the good offerings of the spring.

ANTI-FRICTION BUR MILL.

The old reliable four-bur anti-friction mills are working a great change in feed grinding. Great claims are being made for the anti-friction feature. How these grinders are made with absolutely no gearing or friction is explained in a little catalog which will be sent free. Make your request to the Bovee Grinder & Furnace Works, Waterloo, Iowa. On page 26 you will see an illustration of the mill and the experience of one farmer who has used a mill for seven years. In that time 30,000 bushels of corn have been ground. The hurs show practically no wear. The anti-friction feature should especially appeal to every farmer. The best grinder is the cheapest. Where there is much friction in the grinder there is more or less friction all around. The team works slow and the driver gets in a hurry. The pleasant relations between the team and driver are strained. More friction is created. No wonder some people have become disgusted. There is quality in grinders as in anything else. Look for it when buying. The anti-friction four-bur mills possess all the good features of grinding machines.

INTERNATIONAL SHORT-HORN SALE.

As the public appreciation of the great International Live Stock Shows has annually shown a commendable increase, so the interest in Short-horn sales that are held in connection with the International have made a corresponding growth. The cattle to be offered December 5th will maintain the high standard of merit established by former sales made by the American Short-horn Breeders' Association. Among the bulls offered are some, both imported and home-bred, that have such merit and proven excellence as sires that will strongly commend them to Short-horn breeders. The offering also contains cows and heifers of great merit in form and of the most desirable breeding. The cattle have been contributed by the following reliable breeders: J. F. Prather, I. M. Forbes & Son, Emory Cobb, Frank O. Lowden, C. E. Clarke, D. B. Searle, N. A. Lind, E. R. Stangland, F. W. Ayres, J. H. Miller, Arthur Meeker, Dr. W. H. Earles, Carpenter & Ross, Ardmore Stock Farm, Illinois Agricultural College, Mrs. Virginia C. Meredith, Samuel Fletcher, H. S. Bright, T. C. Robinson, Dr. J. D. Cole, O. S. Johnson, C. Hintz, E. C. Holland, J. D. Douglas & Son, H. G. Bowers, N. P. Ewing and M. M. Madden & Son. The sale will be held at 1 o'clock p. m. Wednesday, December 5th. For catalog write Mr. B. O. Cowan, assistant secretary, 17 Exchange avenue, Chicago.

SALE OF REGISTERED PERCHERON STALLIONS AND MARES FROM LAKEWOOD.

Announcement is made in this issue of the eighth annual sale of Percheron stallions and mares from that well-known breeding establishment, Lakewood Farm, owned by Mr. H. G. McMillan at Rock Rapids, Iowa. The time has dawned upon the American farmer and breeder of good horses that the American-bred stallion or mare is better adapted to his wants and conditions in many respects than the imported animal. Oftentimes with the imported animal considerable time elapses before a reasonable percentage of offspring can be expected, while with the home-grown one these conditions are largely overcome. A number of years ago Mr. McMillan conceived the idea that the American people would sooner or later awake to this fact, hence the great breeding establishment now established at Lakewood. A steady tendency in the direction of a preference for the home-bred horses has been made manifest throughout the length and breadth of the United States. Mr. McMillan enlarged his breeding plant until it is now the largest of its kind in America and is in position to offer stallions and mares in large numbers. In the offering at Sioux City on December 12th and 13th Mr. McMillan will place before the public more than ninety head, consisting of about thirty-two stallions from two to three years old, and sixty mares and fillies, each and every one recorded in the Percheron stud book of America. In order to produce stallions and mares of the high-class and character of those produced at Lakewood, the very best stallions in the universe must be used. Mr. McMillan secured among the earlier stallions used the champion World's Fair stallion of 1893, Seducteur, and later the international winner, Calypso. Calypso was winner of first prize as a three-year-old at the International in a strong ring of more than forty three-year-old stallions. He has since that time won first prize and championships at such fairs as Iowa, Minnesota and Sioux City, and more recently has been added the famous prize-winning stallion from Oaklawn, Olbert. Something of the winnings of these stallions in a condensed form awaits our readers in a future article. In this preliminary we would say that the object is to have every one that is interested in the purchase of a good Percheron stallion or high-class mares bred to such stallions as Calypso and Olbert, to apply at once for a catalog of this all-important sale. The catalogs can be secured from either Mr. Cash M. Dent at Rock Rapids, Iowa, or Mr. H. G. McMillan at Cedar Rapids, Iowa. The two days' offering of horses in one locality would indicate that prices for two days could not rule high. In fact, it is

POLAND CHINA SALE

TO BE HELD AT FEED SHEDS, MONTEZUMA, IOWA, DECEMBER 4, 1906.

at one o'clock. Sale consists of 40 sows and gilts and 10 boars. Sires principally represented are Jones' Wonder 108223, and Black Chief 93297. Breds in thrifty condition with both quality and bone. Parties from a distance entertained. Some prize winners at county fairs. Large litters; one of eleven out of Terrell's Wilkes 102111. Good treatment assured.

F. E. Terrell & Son, E. F. Saunders, Props., - - Montezuma, Iowa.

COLS. C. F. VANNATTA AND ROSS E. PORTER, AUCTIONEERS.

TOO LATE TO CLASSIFY.

CLOVER LEAF HERD OF DUROC JERSEY SWINE

A CHOICE lot of boars and gilts for sale, most of which are sired by Pine 37903 winner of 2d in class at Minnesota State Fair, 1905. Special price on 20 good boars to close them out. 1 ship no culls and guarantee everything as represented.

CLYDE H. SMITH, R. F. D. 1,

Riceville, Mitchell Co., Iowa

quite an experiment on the part of Mr. McMillan to make a two days' sale of so high a class of stock as will be put on the market at this time. More particulars will follow.

HIGH-CLASS ANGUS IN THE INTERNATIONAL AUCTION.

Breeders in search of bulls with which to head their herds or attractive females to add to them, will find them in the international auction to occur at Chicago, December 4th. Sixty head are cataloged, consisting of fifteen bulls and forty-five cows and heifers. Several show herds are included and quite a number are cataloged that will prove strong contestants for the championships of future shows, and that have now championship prizes to their credit. Mr. F. L. Sullivan, of Afton, Iowa, consigns three show animals, consisting of a son and two daughters of imp. Prince Ito, and one of the heifers being from an imported Trojan-Erica dam. They are certainly attractions. Mr. George Kitchen, Jr., of Gowar, Mo., consigns four animals with which he has been winning this year, and in Driftwood Rose a highly-bred Westertown Rose he is consigning one of the greatest females of the day. Mr. W. J. Miller, of Newton, Iowa, includes some of his show females and a double Blackbird bull that was bred by Mr. M. A. Judy, and a grandson on both sides of imp. Prince Ito. Blackbird bulls are also consigned by Mr. Judy, and Mr. N. G. Daughmer. All the most fashionable families and celebrated sires are represented, and individually the offering is believed to surpass any that has yet been made at an international sale of the breed. Mr. W. C. McGavock, sale manager, Springfield, Ill., should be addressed for catalog.

MESSRS. OLTMANNS BROS. GERMAN COACHERS, PERCHERONS AND BELGIANS.

One of the pioneer importing firms of this country is that of Messrs. Oltmanns Bros., of Watseka, Ill. Readers of this paper will remember that at the various important shows of the country the past few years Messrs. Oltmanns have been prominent prize winners. They have the advantage of many firms in that the senior member of the firm, Landschaftstrat O. N. Oltmanns, resides in the German Coach district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best of the old countries produce. The German Coach stallions are strong impressing sires and crossed with the ordinary mares have proven especially valuable for growing of the carriage types which top the leading horse markets of the country. The Percheron and Belgian stallions, which Messrs. Oltmanns are offering to the public, are the best that money can buy. Their exhibit at the International this year will include a number of stallions of this breed. A cordial invitation is extended to readers of this paper to be at the stables of Messrs. Oltmanns Bros. at Watseka or the International Exposition. Watseka is only seventy-seven miles south of Chicago on the Chicago & Eastern Illinois and T. P. & W. Railways. Write for further information, kindly mentioning this paper.

HEALY'S OMAHA SALE.

On Tuesday, December 11th, at Omaha, Neb., Mr. O. M. Healy, of Bedford, Iowa, and Mr. O. E. Osborn, of Weston, Iowa, will sell forty-one head of Short-horn cattle. Mr. Healy will sell thirty-five head, all Bates cattle. He is one of the breeders that has never got away from the old reliable Bates cattle, the kind that will win out at the fair or when they are sold for beef. He is putting in fifteen head, all the get of his famous old herd bull, Airdrie Duke of Hazelhurst. Among these are a few good young bulls. He will also sell his present herd bull, Duke of Wapsie 229370. This animal will weigh 2,200 pounds; is three years old, and his sire is the noted Bates bull, 2d Duke of Oaks. He is a pure Duke bull, one of the most noted tribes known to the Bates cattle. He is an excellent breeder, and many of the young things in the sale will be sired by him. He will also be bred to most of the cows and heifers. About a dozen of his cows will have calf at foot. Mr. Osborn will put in six head—one bull and five females. The sale will be held at the sale pavilion at South Omaha, and these breeders who are looking for milking Short-horns will find them in this sale. Mr. O. E. Osborn, of Weston, Iowa, puts in seven head. He is closing out his Short-horns. He will sell one three-year-old Scotch-topped herd bull, Conqueror 221082, bred by Messrs. T. J. Wornall & Son, sired by imp. Conqueror 149048, out of Duchess of Crags 7th by 166th Duke of Wildwood 134671; two cows, two two-year-old heifers and two yearling heifers. Write Mr. A. M. Healy, of Bedford, Iowa, at once for catalog and mention this paper when doing so.

NEXT WEEK'S COMBINATION SALE AT CORYDON, IOWA.

At the above named place will be held November 30, 1906, the first annual sale of the Wayne County Short-horn Breeders' Association. Careful preparations are being made by a special committee to make the sale a suc-

Percheron Stallions and Mares.

I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1650 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

JESSE S. GOLDER, - - Scribner, Neb.

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - - Newton, Iowa

7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duchesses, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, - - Kirkman, Iowa

DID YOU SAY BOARS?

INDIVIDUALLY and in blood lines the Averydale boars are as good as can be found. Shall we tell you about them? Your money back, if we misrepresent them. A. M. Avery & Sons, Phone Averydale Line No. 3, Mason City, Iowa.

Big, Growthy, Heavy Boned Spring Boars

Sired by Major Blain 31925, which I am pricing well worth the money. Also some good gilts bred for March and April farrow. These are the large, useful kind. Address, R. J. PECKHAM, - - Pawnee City, Neb.

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 250 lbs. or better. Also a fall yearling that is extra good. R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

15 DUROC JERSEY BOARS 15

Sired by Ambition, Keep On the 3rd, Crimson Orion, Topmost, a son of Tip Top Notcher and other good sires. Write for description and prices. J. T. KELLEY, - - Gilmore City, Iowa

SUNNY SLOPE Poland China boars and gilts of 3 March farrow, of the most fashionable breeding, with good length and heavy bone and extra good backs. Sired by Orr's Duke (88967), and Ringmaster 101091. I will also sell by herd boar, Orr's Duke 88967. Write to M. A. Easthouse, Hartley, O'Brien County, Iowa.

CHESTER WHITE HOGS FOR SALE

YEARLING and April males, S. L. Wyandotte chickens and 200 head of recorded and grade Angora goats. Correspondence solicited. R. P. DOWNING, - - Albia, Iowa

A FIFTEEN day offer. \$15 to \$18 buys a good April or May male hog of the Poland China breed. \$6.50 buys a trio of mammoth Toulouse geese, or \$1.00 to \$1.50 buys high scoring Barred Rock cockerels. Address, J. O. Walton, Belle Plaine, Ia.

LARGE English Berkshires. Boar pigs, March farrow, heavy boned, growthy fellows. Also gilts, bred. Write for prices. W. A. Bender, Rowley, Ia.

10 DUROC boars. Let me describe a \$15 or \$20 boar; 10 inquirers intending to buy will clean them up. Try it. Pedigrees sent. S. S. Krebill, Donnellson, Ia.

cess. Covered quarters have been secured, a few minutes' walk from the depot. Railroad accommodations are ample and trains going through Allerton will be met by hack. Those who have not yet obtained a catalog should do so at once, making their request to Mr. J. E. Crosby, Secretary, Corydon, Iowa. The bulls are mostly yearlings and are a thrifty, breedly lot ready to do good service wherever placed. They represented some of the best blood of the breed as a glance at the advertisement on page 35 will indicate. About a dozen cows will be sold and are all tried breeders. Many of them will be represented by young stock in the sale. In good lines these matrons trace to The Lavenders, Orange Blossoms, Rosemary, Gloster 3d, White Rose and Fashion. The heifers comprise a good many individuals from these strains and present some good bargains for either the beginners or the experienced breeders. Choice Goods, Jr. will have several get in the sale, also Wild Wild Eyes 110645 of the Bates Wild Eyes tribe. Uno 170183, by Scottish Champion 123439, is another sire of the young stock, as also Fairview Viceroy 215075 of the noted Victoria family. This should be one of the good southern Iowa sales, and the Poland China offering in the forenoon by Mr. D. T. Harris, Mystic, Iowa, should prove an added attraction. Twenty-three head will be sold, comprising a number of young boars by Orange Longfellow 109307. He is also in the sale with four sows of known merit bred by Messrs. Winn & Mastin. Aim to take in this sale and supply yourself with good breeding stock.

The Homestead and The Homemaker \$1.25 per year.

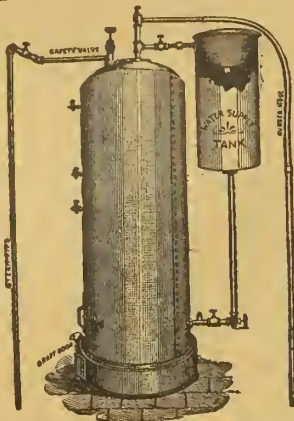
Last Call for the Delmar McCann Short-horn Sale.

The first annual sale of that enterprising young breeder, Mr. Delmar McCann, of Kennard, Neb., will be held at his farm near town on Tuesday, November 27th, when he will offer forty-two head of well bred Short-horns at public sale. Mr. McCann is putting some of his very best cattle into this sale, not because he wants to part with them, but because he desires to establish the reputation of offering the best for sale. Fifteen of the cows and heifers will have calf at foot by his former Cruickshank herd bull, Red Bud and many of these will be safe in calf again to his present Cruickshank bull Butterfly Duke 2d, a son of the Harris bred bull Godwin. As a special attraction in the female line he has consented to put in the imported cow Flora 50th. She is a seven-year-old, red in color, and was imported from Scotland by Cargill & Son. Her sire is the Princess Royal bull Director and her dam is a daughter of the Cruickshank bull Gravesend. She is now safe in calf to the Cruickshank bull Butterfly Duke 2d and she will be one of the most attractive things in the offering. He is putting in several Canadian bred cows and heifers. Among these are Roan Lady and Queenstown Maud. The latter cow will weigh 1800 pounds and is a daughter of the noted bull Blue Ribbon and her dam is a daughter of Royal Chief. She belongs to the Splendor tribe that has been noted for so many of Canada's best prize winners. She will have a bull calf at foot by Butterfly Duke 2d. There will be five of these Canadian cows and heifers in the sale and there are some very good ones among them. One of the very best two-year-old red heifers that will be offered is Caroline of Ploverdale. She is a daughter of the Cruickshank bull Baron Lavender and her dam is a daughter of the noted bull Imp. True Briton. She is safe in calf to the Scotch bull McDiamid, considered one of the most richly bred Mysie bulls in the state of Iowa. There will be twelve young bulls in the sale, among which is the young Scotch bull Brawith Lad 266794. He is a yearling in June, was sired by Golden Lad, a richly bred Brawith Bud bull, now at the head of the Messrs. Rolf Johnson & Son herd at Rolfe, Iowa. His dam is the splendid cow Imp. Rosemary 212th, considered the best cow in the herd of M. P. Hancher at Rolfe, Iowa. He is a Cruickshank Rosemary, a roan in color and will weigh 2500 when matured. Another good bull is Chuh 2d, a son of the Scotch bull Prince of Athene. He is a Scotch-topped Rose of Sharon and a good individual. He also sells two sons of the Mysie bull Aberdeen Prince and one by McDiamid, also a richly bred Mysie. Mr. McCann extends a hearty invitation to all western breeders to come to his sale and he will show them some good cattle. Kennard is on the C. & N. W., twenty-five miles northwest of Omaha and six miles west of Blair. Write for catalog at once and kindly mention Iowa Homestead.

The Wise Farmer is Cooking His Feed.

As the cold weather comes on, the long-headed farmer begins to cook his feed. He has found by experience, that costly, but true, teacher, that if he begins to feed cooked feed before it gets cold weather his stock puts on flesh and holds it. But if he does not begin to cook until the weather gets severe, his stock absorbs the cooked feed in heating qualities rather than fattening. In any event it has been proven by thousands of reliable farmers throughout the country that cooking feed through the winter months greatly increases its nutritive qualities. The cooking process gives heating and fattening properties to the feed and makes it go farther. The Crescent Furnace & Foundry Co., of Des Moines, Iowa, are making the Purinton Steam Feed Cooker, which for many years has been gaining in popularity because of its recognized merits as the simplest, strongest and safest agricultural boiler that has yet been put upon the market. This cooker has been manufac-

tured and used for several years and is the only practical boiler of its kind. It is made without flues or flanges, the heat from the fire box being applied at exactly the right point, which enables it to generate steam with marvelous rapidity. It is known as the Standard Agricultural Boiler of the country and the Crescent Furnace & Foundry Co. are preparing for the largest season in the feed cooker business that has yet been known. The Purinton Feed Cooker



has a great many uses besides cooking feed. It can be used, and with little or no expense, to heat water in a tank, barrel or tub by simply inserting the steam pipe. For scalding hogs, cleaning milk cans, etc., it is invaluable. There are a hundred and one things about a farm which can be done easier and quicker with steam or hot water than in any other way and the cost of operating the Purinton is so little as not to be noticed. It burns any fuel that happens to be about the place with equal facility. See advertisement on page 4 and write for catalog, mentioning The Homestead.

Saunders' Anniversary Short-horn Sale.

On December 19th, at his home farm near Manilla, Iowa, that well-known Short-horn breeder, Mr. C. A. Saunders, will sell seventy-one head of imported straight Scotch and Scotch-topped cattle. This being his tenth anniversary as a breeder of Short-horns, he has exerted every effort to make this sale the sale of his life and he has therefore drawn on many of the best cattle in his herd. There will be daughters of old Cumberland, the sire of the great show and breeding bull, Cumberland's Last, in the sale, and these will all have calf at foot or will be bred and safe in calf to King Champion, his present herd bull. There will be three or four of his very best imported cows in this sale and they are good ones. About thirty head will be straight Scotch cattle, making it one of the best offerings of Short-horns ever made in the West by one man. There will be some young Scotch bulls in the sale that are herd headers and there are bulls that the farmers can afford to buy. While there will be more Scotch cattle in this sale than is usually sold by one man, yet there will be plenty of cattle for the farmer and the ranchman and everybody is invited to attend. His catalog is a work of art, being illustrated from cover to cover and is printed on the finest kind of book paper. It is unique in many particulars, and the illustrations show what it is possible to do with a good herd of Short-horns in ten years. Among the many good things produced at the Greeley Stock Farm are the following: Cumberland's Last, the International junior champion, 1905; Cumberland's Chunk, first-prize Short-horn steer; Independence Lady, five times junior champion; Cumberland's Banner Bearer, second prize bull at International; Cumberland's Chunk 2d, second-prize yearling steer at International; Farmer's Friend, second-prize Short-horn steer at International; Countess Cumberland, three times first-prize winner, and the great In-

BATES BRED SHORT-HORNS

Sale Pavilion South Omaha
TUESDAY, DECEMBER 11, 1906.



41 HEAD--30 COWS AND HEIFERS AND 11 BULLS.

The sale includes 33 head of straight Bates breeding; about 15 of the celebrated Duchess tribe; the balance are Wild Eyes, Kirklevingtons, Oxford and Barringtons. 14 head in the sale the get of old Airdrie Duke of Hazelhurst 117846. Other cattle in the sale are of standard families with Scotch and Bates Tops. The bull offering will include two three-year-old herd bulls, one of them Duke of Wapsie 229370, weighing nearly 2,200 pounds, and other young bulls fit to head herds. The cows and heifers are a choice lot; several extra milkers among them. Broad backed cows with young calves at foot, an opportunity to lay a foundation or add some choice specimens to your herd. Send for a catalog. Address,

O. M. Healy, - - Bedford, Iowa.

COLS. F. M. WOODS AND T. C. WALKER, AUCTIONEERS.

ternational champion, Nonpareil King, was dropped on the Greeley Stock Farm and was partly developed by Mr. Saunders. Every breeder of Short-horn cattle should have a copy of this on hand. It will be sent free if you write for it at once and mention this paper.

Neff's Closing Out Short-horn Sale.

On Monday, November 26th, Mr. Charles Neff, of Walnut, Iowa, will make a closing out sale of his entire herd of Short-horn cattle, numbering about thirty head. The sale will be held at his farm, and will include his five-year-old Scotch bull, Captain Lovely 193514; also a yearling Scotch bull, Royal Rosamond 262140. Both of these bulls have been prize winners at the Cass and Pottawattamie county fairs, and they are both bulls of exceptional merit. Captain Love-

ly is a straight Scotch bull and was bred by Mr. George Andrew, of Elmville, Can. He was sired by Imp. Scotchman and out of a daughter of the great bull, New Year's Gift. He belongs to the Cruickshank Lovely family, one of the most highly-prized families today in the Bellows herd, and a family that made the name of Mr. Boh Scott noted in Nebraska. He is a uniform, thick-fleshed bull, with plenty of quality, and will tip the scales at about 2,200 pounds. Mr. Neff has won sweepstakes on his get at the Schibby, Pottawattamie and Cass county fairs every year that he has had him. He is an excellent breeding bull, and is entitled to go to the head of some good herd. Royal Rosamond is a two-year-old son of Imp. Craihstone, and out of Rosamond of Ashburn. This is a splendid young bull and has been a winner of first premiums at several fairs this fall. He is a good, dark red, and an individual that will please many of the most exacting breeders. His dam is Rosamond of Ashburn, a Canadian-bred Scotch cow that is one of the best ones in his herd, and she will also be sold in the sale. She is red, with plenty of size and an abundance of quality. Her dam is a daughter of the well-known Field Marshal, and is safe in calf to the herd bull Captain Lovely. No. 3 of the catalog is Tidy Girl 2d, a daughter of Imp. Gay Monarch, that for years headed the herd of Messrs. J. G. Robbins & Son, of Indiana. She is a 1,800-pound cow, a roan in color, and belongs to the Frantic family that produced so many of the Robbins show cattle. She is also safe in calf to Captain Lovely. Mr. Neff is selling two daughters of old Cumberland, the sire of Cumberland's Last, the great show bull. One of these is Esther Cumberland, a cow that will easily tip the scales at 1,800 pounds, and she has been a first-prize and sweepstakes cow at the Cass and Pottawattamie county fairs. She is a grand individual, and will be a valuable addition to any herd. The other is Cumberland's Pride out of a daughter of Lord Waterloo. There will be a splendid lot of Scotch-topped cows and heifers in the sale, and the offering is one of the most uniform that will be sold this season. Twelve of the cows will have calf at foot by the two herd bulls. There will be four bulls in the sale, including the herd bull. Write for catalog at once and then be sure to attend the sale. It is an absolute closing out sale and there will be some bargains sold.

Wassen Sells, March 1st.

Mr. C. C. Wassen, of Wilcox, Neb., announces March 1st as the date for his spring bred sow sale, and will offer a draft of about forty head, mostly fall sows. They are a large, growthy bunch of well-bred sows that are sure to do the man good that gets them. They will be bred to Jumbo's Wonder, a son of Jumbo's Perfection, and those sired by him will be bred to Cole's Duroc 11., a son of Cole's Duroc, having for his dam Pauline by Paul Finch by old Gold Finch. Some of the best and most popular blood lines are represented in this herd and we recommend you keeping this sale in mind and arrange to attend. It will be the next to the last day of the southwestern Nebraska circuit.



Faultless Perfection 2d 70889, the good boar at head of the well-known Poland China herd of Messrs. Bridgford & Nesbitt, of Aledo, Ill. See field notes.

The Gudgell & Simpson South Omaha Sale.

On next Tuesday, November 27th, at South Omaha, Neb., Messrs. Gudgell & Simpson, of Independence, Mo., will make their offering of fifty head of Herefords. Messrs. Gudgell & Simpson make this offer at Omaha in order to meet many of their customers half way and deliver the goods practically at their door. As in former years this firm have dug deep into their herd, selecting individuals that should be appreciated. High fitting has not been done, yet the cattle carry sufficient flesh to show their worth as breeding cattle. Every animal listed is young, thus insuring a life-time of usefulness to the purchaser. On glancing through the catalog we find that each and every animal carries a strong line of breeding, such as has made the Gudgell & Simpson Herefords popular wherever known. The bulls, twenty in number, are yearlings, ready for immediate service, and were got by sons of Beau Brummel and Lamplighter. In the Hereford world no bull has gained more distinction than has Beau Brummel. He is of Messrs. Gudgell & Simpson's breeding, and was picked as a calf to succeed Don Carlos, his sire. His get, as soon as old enough for show, at once attracted much attention by their winnings, and at the St. Louis World's Fair most of the prize winners were descendants of Beau Brummel. To recall all the splendid sons of this bull that are scattered throughout the country would be a task. Among the prominent ones are such bulls as Beau Donald, owned by Mr. Curtis, of Kentucky; Beaumont, the great sire in the Steward & Hutcheon herd; Beau Dandy, Beau Brummel Jr., Militant, Beau Brilliant, Beau Lamplighter, Percival, Beau Unonous, and many others. Like Beau Brummel, Lamplighter is a son of Don Carlos and out of a North Pole dam. He, too, has been a great sire, getting such bulls as the champion, Dandy Rex, and Banner Bearer, and the champion cow, Mischief Maker. It was his daughter that topped the Steward & McCutcheon sale recently. By the use of these bulls and their sons and daughters, Messrs. Gudgell & Simpson have developed the Anxiety type, which means, good cattle with a great amount of individual excellence. Few upturned horns are found in the Gudgell & Simpson herd. Their cattle are noted for their fine style, the easy-fleshing qualities so much sought after, the broad, level backs, the good, square hind quarters, the straight legs and the scale. The thirty heifers listed are all two-year-olds, sired by sons of Beau Brummel and Lamplighter, and are well along in calf to such bulls as Bright Donald, the second-prize aged bull at the St. Louis World's Fair in 1904, and other bulls in service in the Gudgell & Simpson herd. This will be one of the few opportunities to secure cattle that breed on wherever they go. That this is so is because the blood of the great bulls, Anxiety 4th, Don Carlos, North Pole and Beau Brummel, has been so carefully blended as to insure the improved character in their offspring. The breeders who need herd bulls should attend this sale and inspect the twenty bulls to be sold. If he be hunting some choice females to add to his herd or wishes foundation females, no mistake will be made in buying some of these Anxiety-bred heifers. The writer has seen every animal that goes in the sale, and we do not hesitate to say that they are an unusually good lot. The uniformity, as in previous offerings made by Messrs. Gudgell & Simpson, has been maintained to a degree seldom seen in sale offerings. The last announcement before the sale, will be found on page 39.

Last Call for E. S. Turner's Short-horn Sale.

As per previous announcement, Mr. E. S. Turner, of Colfax, Iowa, in connection with Messrs. H. D. Parsons and Andy Stewart, will sell forty-eight head of Short-horn cattle at Newton, Iowa, in the sale pavilion on November 28th, the day following the big sale of Messrs. Parsons and Stewart. The cattle offered by Mr. Turner are all the well-tried, standard American sorts, many of which have been bred on the farm for several generations. Mr. Turner's father having previously been a breeder of Short-horns for many years. In fact, he was one of the pioneer breeders of central Iowa. Hence the cattle to be offered on the above date are the produce of the best families that have demonstrated for Messrs. Turner their rights to be classed as the E. F. V.'s of the breed, so far as their individual experience was concerned. In buying the foundation for a herd of Short-horns, or in replenishing the herds already established, it is the part of wisdom to secure cattle from well-known families that have not only been prolific, good milkers and great beef producers, but also to make selections from families that were strikingly prepotent. Such is the case in this grand good offering made by Mr. Turner from his Hawthorne Farm. Mr. Turner feels that while his cattle are not Scotch cattle, they are at the same time as useful a lot of practical, honest breeding cattle as will pass through a sale ring this fall. They are in the best of breeding condition, thrifty and prolific. At least fifteen of the cows will sell with calves at foot, and most of them are rebred. Twenty choice heifers are listed and all of breeding age will be bred to the splendid Scotch bull, Red Victor 216682. Mr. Turner is also offering for sale his herd bull, Red Victor, which is a typical Short-horn in every sense, possessed of much Short-horn character and real merit. The only reason that he is being offered for sale is that Mr. Turner is keeping so much of his stock on the farm that a new bull is a necessity. In buying a piece of land a warranty deed is required by every well-informed purchaser. Mr. Turner has applied the same rule to all of the Short-horns that he will sell by furnishing a certified copy of registration, with the seal of the association and signature of the secretary, which is the warranty that these animals are recorded as represented. We seldom find a herd where more uniformity exists and never where the herd is more prolific than is the case with the Hawthorne offering. Individual mention of these animals is scarcely necessary, because of the fact that there is practically little differ-

W. W. BROWN'S DISPERSION

SCOTCH SHORT-HORNS.

At Sale Pavilion, Kansas City, Mo., Wed., Nov. 28.

<p style="text-align: center;">SIRE</p> <p>Tillycairn 150069</p> <p>Wm. Duthie (Imp. in dam).</p> <p>Rich red Roan.</p> <p>Calved May 27, '99.</p> <p>Owned by W. W. Brown.</p>	<p>Imp. Spicy Monarch 150068. W. S. Marr. (73701)</p> <p>Imp. Circe 3d v. 44, 995 (v 45, 778E)</p> <p>Jno. Wilson.</p>	<p>Spicy Robin 134607. J. Dean Willis (69638)</p> <p>Alexandrina 20th W. S. Marr. (v 42, 506)</p> <p>Sennacherib 136637 Jno. Wilson (67893)</p> <p>Circe (v 45, 778E) Jas. Bruce</p>
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<p>Roan Robin 109921 (57992)</p> <p>A. Cruickshank</p> <p>Sprightly (v 42, 704)</p> <p>J. D. Willis</p> <p>Wm. of Orange 95736</p> <p>A. Cruickshank (50694)</p> <p>Alexandria 17th (v 34, W. S. Marr 456E)</p> <p>Sovereign 136638 (61841)</p> <p>Sensation (v 30, 429E)</p> <p>A. Cruickshank</p> <p>Earl of Moray 103046</p> <p>Clara 12th (43171)</p>	<p>Thirty head will be sold; all but two are of my own breeding. They are of the Lancaster, Ellza and Scotch Rosemary families. Seventeen females will have calves at foot or will be well along in calf to Imp. Tillycairn. Eight heifers are just ready to breed. Imp. Tillycairn and four young bulls complete the offering. All are well bred and useful, raised under natural conditions. For fifteen years I have bred the Short-horn, using pure Scotch bulls and I regret that I must close out in order to care for my other business interests. Send for catalog; it tells the story.</p>	<p>COL. R. L. HARRIMAN Auctioneer</p> <p style="text-align: right;">W. W. BROWN, WESTON, MO.</p>
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THE SEVENTH ANNUAL

INTERNATIONAL LIVE STOCK EXPOSITION

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DECEMBER 1 to 8 1906

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TUESDAY, December 4	WEDNESDAY, December 5	THURSDAY, December 6	FRIDAY, December 7
<p>60 Aberdeen Angus from best herds. For catalog write W. C. McGavock, 624½ East Adams St., Springfield, Ill.</p>	<p>50 Choicest Short-horns. For catalog write B. O. Cowan, Asst. Sec., American Short-horn Breeders' Assn., U. S. Yards, Chicago.</p>	<p>50 Carefully selected Herefords. For catalog write C. R. Thomas, Sec., American Hereford Breeders' Assn., Kansas City, Mo.</p>	<p>40 Red Polled cattle offered by best breeders. For catalog write Geo. B. Buck, Mgr., Sunny Hill, Ill.</p>

Wednesday and Thursday, December 5th and 6th,

Shropshire sheep from best flocks. Write G. H. Davison, Milbrook, N. Y.

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ence in breeding or individual merit in any of them. To the breeder who is in search of a good, well-tried Scotch herd bull, solid red in color, we can cheerfully recommend Red Victor to them. He was bred by Mr. H. D. Parsons, of Newton, Iowa, and was sired by Victor Baron, a choicely-bred Victoria bull, sired by Imp. Baron Cruickshank. He traces directly to Imp. Victoris by Royal Duke of Gloster. On the dam's side, Red Victor is out of that beautiful cow, Imp. Mabel, a daughter of Hydropathic, a Bruce-bred bull, got by Cap-a-pie out of Augusta 36th. She is a rich combination of Bruce, Cruickshank and Duthie breeding, with a few admixtures of Scotch bulls bred by other Scotch breeders than those above mentioned, furnishes an infusion of fresh blood. This in a measure doubtless accounts for the superb, robust qualities of Red Victor. We can do little more than now impress upon our readers for the last time the importance of attending this sale and securing some of the good bargains that in all probability await the wise buyer. The two days' sale certainly affords a golden opportunity for Short-horn breeders to make their selection from something like 100 head in the two days' sale.

Last Call for the Parsons, Stewart & Turner Sale of Scotch and Scotch-topped Short-horns.

This will be our last opportunity to direct attention to the very superior lot of Scotch Short-horn cattle, as well as some Scotch-topped sorts offered by Messrs. H. D. Parsons and Andrew Stewart, at Newton, Iowa, Tuesday, November 27th. As has been before stated, this sale is sufficiently attractive in the way of the splendid cattle to be sold as to attract attention from the leading Short-horn breeders of Iowa and else-

ter states. Aside from the Scotch females mentioned in our last issue, we would at this time call attention to catalog, Lot 7, Golden Rose, a splendid daughter of Imp. Golden Fame and out of Imp. Rose Alpine. Here is a heifer choicely-bred, possessing a rare combination of Campbell, Booth, Cruickshank and other Scotch blood, wherein is infused sufficient fresh blood to make the pedigree especially attractive. Lot 8 is Lady Fragrance 14th, a daughter of Imp. Matadore; her dam was Imp. Lady Fragrance 12th and was sired by Grand Old Turk, a well-known bull of the Inverquhomery Augusta family, a family that has furnished more Smithfield winners than any other in all Great Britain. Lot 9, Diamond 3d, is a beautiful daughter of Victor Baron and out of Diamond 32d, she out of Imp. Diamond 30th by the Cruickshank bull, Cold Stream. Lot 10, Lovely Sunbeam, is a beautiful heifer calf, sired by Scottish Champion, her dam being Imp. Sunbeam by the Duthie bull, Count Sunbeam. Lot 11 is Malaka Missie. This beautiful heifer is just a year old and was sired by Scottish Champion, but belongs to the most famous family of cattle ever grown at Upper Mill. We refer to the Missie family. Her dam being Missie 108 by Prince Gerald. The writer has been familiar with this entire family of females from Imp. Missie 9th in the hands of Mr. Robert Miller, of West Liberty, Iowa, who secured her of Mr. Luther Adams, her importer, and can say that the family as a whole have been exceptional producers of high-class Short-horns. Malaka's Choice is a daughter of the great \$4,000 show bull, Nonpareil King, her grand dam being Imp. Blythson 27th by Bapton Conqueror, a son of Red Robin; her dam was by Mr. J. Dean Willis' great bull, Spicy Robin. Lot 13 is a beautifully-bred Mysle yearling heifer by Scottish Champion, out of a daughter of Mr. Parsons' grand old bull, Duke of Oakland. Among the other Scotch females listed is Orange Maid, an Orange Blossom, Lenton Maid out of Imp. Mo-

lina, Susan Lady 3d, a great-granddaughter of Imp. Lady Susan, a branch of the Cruickshank Secret family, and numerous other Scotch cattle, both bulls and females that are sufficiently well bred to not only go into any herd in America, but, if exported to the best herds in Scotland, would doubtless prove valuable acquisitions there. Among the bulls to be sold are numerous good Scotch bulls as well as a goodly number of Scotch-topped ones that are deserving of attention. Inasmuch as the bull market has not been exceptionally strong this fall, it will doubtless be a good opportunity for buyers to keep this sale in mind, as bulls at this season of the year can usually be obtained at prices that will justify their being carried over for spring use. We have had considerable to say regarding the character of the two gentlemen making this sale. More encomiums or words of praise at this time (of which they are justly deserving), might be embarrassing. It is sufficient, however, to say that no one who attends this sale will be allowed to go away dissatisfied through any treatment on the part of either Mr. Parsons or Mr. Stewart. It does seem that when such men as Mr. Parsons, whose word is as good as a government bond, announces a sale, that nothing really need be said other than the fact that he has decided to hold a sale in order to secure a very large attendance of representative breeders from every quarter. This is equally true of Mr. Andrew Stewart, so far as his acquaintance with the breeders is extended, which is probably not as general nor as long standing as Mr. Parsons'. The catalogs are ready for distribution at this time and will be cheerfully mailed to all readers of this paper who make application for the same to either Mr. H. D. Parsons or Andrew Stewart, at Newton, Iowa. This sale will be held the day prior to Mr. E. S. Turner's big sale of Short-horns in the same pavilion on November 28th. Hence, buyers can attend both sales at the expense of one.

HORSES.

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My importation this year was composed of young stallions and mares that attracted the attention of all importers and lovers of fine horses. Prize winners in Paris are among the Percherons. Two coaches, one a two-time winner, are also in my barns. I have two-year-olds that weigh right at 1,900 pounds. No better strains are found in France. All are young, blacks, dark grays and bays. They are quartered at my barns at Kirksville, Mo., where I would be pleased to show them. If you need a stallion this year I am better prepared than ever before to sell you something extra and at a price that will save you money. By making my own selections in France, selling them myself and at the barn door enables me to do this. I can also sell you some fine mares. To the man wanting an absolutely first-class jack I will say that I have him well marked and big. Come to my barns and let me show you. I will treat you right every way. I can also sell you smooth-coated Fox Terriers, the rats' enemy. Priced at \$3 to \$7.50 each.

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OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Eever, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

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168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

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First Class Imported Stallions, \$1200 to \$1600. Choicest Stallions a Little Higher.

NOTICE

Having concluded to make a change in placing Stallions before the Public's account of the unsatisfactory business methods and transactions done in the Stallion trade to the Buyers as well as to the Sellers by the STALLION SALESMEN, we have concluded to sell our stallions from the Barns. Our aim is to give our customers the entire benefit of the profits which have been going to the SALESMEN and to the helper assisting in placing the Stallion, who usually is one of your own neighbors, (the most influential man of the neighborhood), and the great expense of placing the Stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the Stallion to the buyers or the companies from Two Thousand Five Hundred to Four Thousand Dollars. The Quality of our Stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know that we can save you at least 50 per cent. If it is necessary to arrange a company in your neighborhood in order to get a Stallion, form your own company and come to the barn and be convinced that you can save from \$1000.00 to \$1500.00. We ask all intending purchasers to visit our Stallions, where we have over 300 head of Stallions to select from—SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS. Come to the barns and deal with Bob Burgess, who has been in the business over thirty-two years, longer than any one man in the Stallion trade. Come to the barns and get the most reasonable terms that can be offered. Send for catalog.



Galbraith's Horses

The Horses That Made Janesville Famous

HAVE been in competition with those of others at all the large Exhibitions of the last 26 years and have come off with **Highest Honors**. We want you to compare our prices with the prices of the others. 47th importation of 49 head landed Aug. 21, 1906. Clydesdales, Shires and Hackneys.

Alex. Galbraith & Son,
 105 Sinclair St., Janesville, Wis.

Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.
 TRUMANS' Have the right kind.
 TRUMANS' Buy the right kind.
 TRUMANS' Always Imported them.
 TRUMANS' Now a Household Word.
 TRUMANS' Commenced with Prize Winners.
 TRUMANS' Imported more than anyone.
 TRUMANS' Know how to find them.
 TRUMANS' Know how to buy them.
 TRUMANS' Hence our success.
 TRUMANS' With our Customers.
 TRUMANS' Treat you right.
 TRUMANS' Treat you white.
 TRUMANS' Came to stay.
 TRUMANS' Have stayed.
 TRUMANS' Horses admired by the crowd.
 TRUMANS' Always looked for at the Fairs.
 TRUMANS' Always something sensational.
 TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.
 TRUMANS' Customers treated Honorably.
 TRUMANS' Customers stay with them.
 TRUMANS' Customers have confidence.
 TRUMANS' Customers not humbugged.
 TRUMANS' No loud childish talk.
 TRUMANS' No claiming what they haven't got.
 TRUMANS' Attend their own business.
 TRUMANS' Do honorable work in Show Rings.
 TRUMANS' Let the Public Judge.
 TRUMANS' Of their Exhibits.
 TRUMANS' Don't want dirty work.
 TRUMANS' Don't pay for it.
 TRUMANS' Won't have it.
 TRUMANS' Can do without it.
 TRUMANS' No shifty business.
 TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

TRUMANS' PIONEER STUD FARM
 BUSHNELL, ILLINOIS.

OLTMANN'S BROS.

LEER, GERMANY, - - - WATSEKA, ILLINOIS.

WE ARE THE PIONEER IMPORTERS OF THE German Coach Horse.

...We are also Extensive Importers and Dealers in...
Percheron and Belgian Stallions.

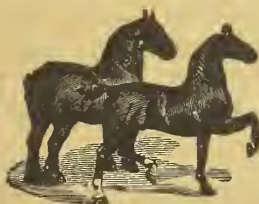
Our Buying Facilities Unsurpassed.

The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

We buy better horses at less expenses than any other importer can possibly do and for that reason can give you a better horse for less money than you can buy elsewhere.

WRITE US FOR FULL PARTICULARS OR CALL AT OUR BARN.

OLTMANN'S BROS., - - - WATSEKA, ILLINOIS



TAYLOR & JONES,

WILLIAMSVILLE, ILLINOIS,

IMPORTERS AND BREEDERS OF

PERCHERON, SHIRE AND BELGIAN STALLIONS.

WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND SELLING BETTER HORSES AT FROM \$700 TO \$1,400 THAN ANY OTHER FIRM IN AMERICA.

We have a few sensational show horses that will come some higher, such as Arrowside Duke, first-prize aged stallion Illinois State Fairs 1905 and 1906 and at Chicago International.

Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DU HAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



When Writing to Advertisers Please Mention This Paper

HEREFORD CATTLE.

WILLOW GROVE
HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggeru, R. D. No. 2, Wisner, Nebraska.



HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL, Mt. Airy, Ia.

HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

TABLE HACKED HEREFORDS.

IN order to make room, I offer for sale 100 females and 50 bulls, all recorded; 25 yearling heifers, 50 2-year old heifers and 25 cows, from 3 to 7 years old, heavy with calf, and 10 cows with calves at foot, 50 bulls from 6 to 36 months old; also Mastodon Poland China hogs for sale. W. W. Wheeler, Box H, Harlan, Ia.

BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Why & Son, New Sharon, Ia.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

BERKSHIRE HOGS.

BERKSHIRE
—BOARS—

FOR IMMEDIATE SERVICE.

I can please you in quality

and price. Address,

GEO. S. PRINE,
Oskaloosa - Iowa

25 or 30
BERKSHIRE BOARS

SURED by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

C. S. BUCKLEY, HOLSTEIN, IOWA.

Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and grow with plenty of quality and finish, of April and May farrow.

L. F. Boyle, Hennepin, Ill.

Heavy Weight
Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of ribs and very short, broad dish face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charming Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, rooney Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you.

E. H. DANCER, Lamoni, Iowa

BERKSHIRES—35 spring boars, 4 fall yearlings, 4 matured boars. Some herd headers, 40 spring gilts, 5 fall yearlings, and 6 tried brood sows. Write for what you want, and prices. Sires and dams winners at state and county fairs. Sale November 27th. Send for cat. Address, Houghton & Braman, 1411 South Center Street, Marshalltown, Iowa.

BERKSHIRES

LARGE growly boars, big bone and best of breeding. Prices low. Address

C. T. AYRES, Osceola, Clark Co., Iowa.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Doddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THIS FARM IS of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 48150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

10 Aberdeen Angus
BULLS FOR SALE.

Twelve to Fourteen Months Old.

Will sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

John E. Griffith,
WASHINGTON, IOWA.
(Mention Homestead.)

Allendale Doddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number of growthy, thick bulls at very reasonable prices. Herd now headed by Blackene and Keilor Victor 3d. Rosenfeld & Siverly, Kelley, Story Co., Iowa.

Pleasant Hill Herd of Aberdeen Angus. STOCK for sale of both sexes, sired by the great Pride bull, Baltimore of Glendale 24275. J. Nissen, Meservey, Cerro Gordo County, Iowa

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE" LYNDALD SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndald head Short-horn herd. Females are Victorias, Secrets, Butterflies, Lavenders, also a few Young Marys and Rose of Sharons. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service.

Visitors always welcome.

A. F. GRAVES, KING CITY, MO.

WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

6 Bulls for Sale 6

INCLUDING one Scotch Mistle out of Mildred (the twin with Mouey Musk), that I think is the best bull I ever bred.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 8 to 18 months old. Poland China Hogs.

Jas. E. Stephenson, Alburnett, Iowa

Otter Creek Stock Farm.

JONES CO. HERD OF (Slitton Sort 173649) SHORT-HORN CATTLE (Wapuna of Way-side 243046)

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone.

Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

C. F. Robe, Jessup, Iowa.

CHOICE SHORT-HORN BULLS FOR SALE.

I WILL sell my herd bull, Nonpareil Courtier Jr. 2d, two years old May 13th, sire Nonpareil Courtier 2d; dam, Beauty 43th of Maine Valley. Also one red yearling bull sired by Scottish Baron. Address,

J. H. MOYER, NEWTON, IOWA.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale.

Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WANTED: Registered cattle, stallions and lacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm.

HIGH CLASS ANGUS

BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABELOUR, 41201, BELLI'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to

O. D. WRAY, Bloomfield, Iowa

ABERDEEN ANGUS & POLANDS
FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

THE WHEATLEY & WARD
...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maplehurst Proterus 47351, Hale Lad 2d and Gardner's Pearl Roseguy 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

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VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

C. F. Robe, Jessup, Iowa.

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Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

WANTED: Registered cattle, stallions and lacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm.

SHORT-HORN CATTLE.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention the Homestead when writing.

CRUICKSHANK
BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

GEO. BONEWELL,
GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-horn, 8 extra young bulls for sale. All reds; are of the thick, beefy kind. One pure Scotch, a good one, 800 pounds at 8 months. The others are well bred in Scotch and of good families. All sired by the Scotch Bull Victor Royal No. 216553. Visitors at farm cordially welcome. Parties wanting bulls will be met at train on notice by mail or 'phone.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD
REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lord at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address,

Flynn Farm Co., R. R. 5, Des Moines, Ia.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Oedic 13398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
Davenport, Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

Also Scotch and Scotch topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN,
COLO - - - IOWA

BLUFFVIEW
SHORT-HORNS

A FINE BRAWN BUD BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS,
NEWTON and BAXTER, IOWA

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charming. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinelier Stamp.

A. J. GRAVES & SON, Ames, Iowa

4 SCOTCH BULLS

Three straight Cruickshank.

These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal 2d 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 185256.

M. D. YARD, CRAWFORDSVILLE, IA.

WILLIAM REED

PIKASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls—Jarrion & Dunn, Central City, Ia. Maine Valley Stock Farm

FIRST ANNUAL SALE

WAYNE COUNTY
SHORT-HORN
BREEDERS ASS'N.

CORYDON, IA., FRIDAY, NOVEMBER 30, 1906

HELD IN SALE BARN, 12:30 P. M.

15
MALES

45
FEMALES

This is the Association's first sale. It is to represent the best animals out of thirteen herds. The committee in charge of sale have allowed nothing but the best to be cataloged. All stock will be presented in just good breeding condition. The bulls are a good lot and have been grown under natural conditions. They are mostly Scotch-topped, with a few straight Scotch. All bulls are under two years with the exception of one herd bull Sanspareil King. The cows and heifers are of good breeding and offer a variety of blood lines. Those old enough will be bred or have calf at foot. Many of the aged cows will have produce in the sale. Some have pronounced milking qualities. The heifers are the largest part of the female offering and have been kept growing from birth. They will make good material for a foundation. The following sires are represented by get in the sale: Choice Goods, Junior, Sanspareil King, Victor of Evergreen Park, Imperial Victor, and Scarlet Prince, and others. All animals are registered and guaranteed to be as represented. The committee will assure you of good treatment. In the forenoon twenty-three head of Poland Chinas will be sold by Mr. D. T. Harris, Centerville, Iowa. Their breeding is representative of the best blood lines. The catalog includes both sales and may be obtained by writing

COMMITTEE:
J. E. CROSBY, H. E. MILLER,
I. C. DAVIS.

J. E. CROSBY, CORYDON, IA.

AUCTIONEERS:
Col. GEO. P. BELLWIS,
JOHN FENNEL, Capt. BEN WELLS

SHORT-HORN CATTLE.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Bravith Bid, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

9 Short-horn BULLS FOR SALE

At Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMONT, IA.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208990. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

CHESTER WHITE HOGS.

Prairie Ridge Stock Farm

HOME of the Chester White hogs. Stock for sale of both sexes. Address,
Mack Stevens & Sons, Iowa City, Iowa

A Few Chester White Bargains

BOARS all sold. Have only 10 gilts left. We have the best bunch of Sept., 1906, farrow we ever raised. There are good herd headers for breeders.

E. L. NAGLE & SON, Deep River, Iowa.

Irving Herd Chester Whites.

40 HEAD April farrow. Large growthy pigs. Either sex for sale. Prices right.

F. L. MARSH, - IRVING, IOWA.

T. A. STEVENSON,
Shannon City, Iowa.

BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin ship nothing but the best. Satisfied customers write for descriptions and prices.

N. A. HANCK, - NIOTA, ILLINOIS.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

IMPROVED CHESTER WHITES

BOARS 200 to 250 lbs. at \$15 to \$25 each. Gilts bred or open. Four yearling sows at \$25 each.

E. J. TRUMBAUER, - Patterson, Iowa

OHIO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebush, Sciota, Ill.

CHESTER WHITES—Choice March and April boars. They are bred right, fed right and priced right. I can please you. J. A. Bell, Allison, Iowa.

IMPROVED CHESTER WHITES For sale out of State Fair winners. John H. Krehbiel, Donnellson, Iowa.

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy.

V. A. LATHROP, - MARION, IOWA.

KING B. HERD CHESTER WHITES.

70 SPRING pigs for sale, pairs not akin. B. R. Burt, Coggon, Linn Co., Iowa.

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

CLOSING OUT

MY ENTIRE HERD OF DUROC JERSEYS

EARLHAM, IOWA, NOV. 27, 1906

Including my herd boar, GOLD BUD 43791, all my brood sows, spring gilts and spring boars. I have sold my farm and the entire herd must go.

22 SPRING GILTS, 8 FALL GILTS, 12 CHOICE BROOD SOWS, THE REST SPRING AND FALL BOARS

I am offering a grand lot of spring and fall gilts and matured brood sows, and there are boars that are strictly all right. Everything must go, and there will certainly be bargains in my sale. Not an animal reserved. Write me for catalog at once. Address,

J. F. LENTZ,

EARLHAM, IOWA.

COL. O. L. MOSSMAN, AUCTIONEER.

CHESTER WHITE HOGS.

Spring Pigs All Sold



WE have now to offer 60 choice full pigs and are going to sell them cheap. If you want something choice we have it here in these full pigs. Write for large catalog and prices to
James Fisher, Eastman, Crawford Co., Wis.

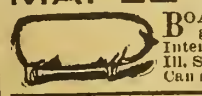
Modeler 13235 and W. F.'s Model 12101

MODEL HERD

CHESTER WHITES.

to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Ply. Rock cks. W. F. Hemmerling, Dike, Grundy Co., Ia.

MAPLE GROVE CHESTER WHITES.



BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State fairs, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Meur, R. R. No. 1, Neponset, Illinois

PIONEER HERD OF CHESTER WHITES.

100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.

A. A. HUMMER,

KESWICK, IOWA.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at interstate fair Sioux City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.

The Wildwood Herd Chester White Hogs

THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

W. W. VAUGHN,

MARION, IOWA.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,
J. L. BARBER, R. R. 3, HARLAN, IOWA.

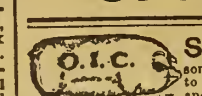
Bluff Road Herd Chester Whites

FALL boars all sold, but I still have a few spring boars for sale, also an extra good lot of gilts ready to ship. Write for description and prices. Farm two miles east of town.

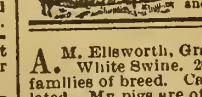
D. H. LEWIS, R. F. D. 6,

GENESE, ILL.

KERR'S O. I. C.'S



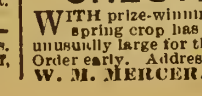
STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection.



A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.



WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address,
W. M. MERCER, AURORA, ILL.



SHADY LAWN HERD OF CHESTER WHITE HOGS. A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEBEURE, FAIRFAX, IA.

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free.

B. M. BOYER, Farmington, Van Buren Co., Iowa

SHADY LAWN HERD

OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEBEURE, FAIRFAX, IA.

CHESTER WHITE HOGS.

BOARS AND GILTS

THE Iowa State College offers for sale some choice early boars of the following breeds: Chester White, Duroc Jersey, Tamworth and Yorkshire; also a good lot of young gilts of the various breeds, including Poland Chinas and Tamworths, and six young bulls, three Holstein and three Red Polled Address,

DIVISION OF AGRICULTURE,
Iowa State College, Ames, Iowa

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 150 spring pigs to select from. Address, mentioning this paper,

F. P. & J. J. Hardin, R. 6, Lima, O.

HUMBERT & WHITE'S

"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,

F. D. HUMBERT, Nashua, Iowa. F. P. WHITE, New Hampton, Iowa.

ALLEN BROS.

40 O. I. C. Boars—March and April Farrow

THE long, heavy-boned prolific kind, from litters that averaged twelve pigs. Call or address,
ALLEN BROS., - Russell, Ia.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.

JNO. CRAMER, BEATRICE, NEB.

30 CHESTER WHITE BOARS 30

A extra choice lot of young boars, including more extra good herd headers than ever. Give careful description of what you want or come and see an up-to-date herd at Inwood, Lyon County, Iowa.

A. A. ROGERS, Inwood.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest up-to-date herds in the north-west. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment.

W. R. WEBB, Spencer, Iowa

CHOICE Chester White Boars, sired by Hobson C. 11969, and King Leader 12253. Prices, \$15.00 to \$25.00. Write me your wants. Jas. C. Welber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

POLAND CHINA HOGS.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elberbeck, Beatrice, Neb.

100 CHOICE POLAND CHINA BOARS.

SURED by Big Tom 2d, my 1,000 pound boar; Wisner Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. FRITCHARD, - WISNER, NEB.

45 ROYALLY BRED POLAND CHINA BOARS.

SURED by Robert J. 102827, and Keep Alert, by the Sargent Prince Alert, and by Manager 102825, one of the best sons of the noted Meddler. These are A1 boars.

J. C. Hoag, - Manson Ia.

Sandquist Bros.,

OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

MY herd of Poland Chinas are of the pig type. My A1 herd boar, Major Blain by Blain's Tec. 188901b. hog. Sows royally bred. An Illinois order for boars of spring farrow. Herd represents the blood of Johnson's Chief, King Dolbo, and Blain's Tec. Everything guaranteed a breeder.

Robt. J. Peckham, Pawnee City, Neb.

POLAND CHINA HOGS.

POLAND CHINA BOARS

WE have 20 March and April boars sired by It's Keep On, Iowa Chief and other noted boars. Long, growthy fellows, good colors, heavy boned, smooth as an apple and out of large, roomy sows. They weigh from 175 to 200 lbs. If you need more size in your herd, it will pay you to get one of these pigs. We guarantee our pigs as represented and always satisfy our customers. We cannot afford to send out a poor pig, as we are in the business to stay, and expect to supply our customers again in the future. Below is a copy of one of the many letters we receive from our customers:

RUEBEL BROS., Rockwell City, Ia.
DEAR SIRS:—We got the pigs Friday evening, the 2d, O. K. We are all well pleased with them. They are just as you said they were. Respectfully Yours,
Nels Nortvedt,
E. O. Peterson,
M. H. Peterson.
Callender, Iowa.

All correspondence cheerfully answered.
Bred Sow Sale February 12, 1907.
RUEBEL BROS., Rockwell City, Ia.



THIS "General Utility"—"Nebraska Type," Grand Look 83305, Champion Boar 1906. Bred Sows and Pigs for sale. H. C. Dawson & Sons, Endicott, Neb.

POLAND CHINA BOARS

AT Pike Timber, Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. Davenport, - Belmond, Iowa

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by On Exhibition a grand son of G's Perfection and Terrell's Wilkes 2d and out of matured sows. These pigs have good heavy bone, good length and are very growthy fellows with lots of quality and will be priced worth the money. Write at once. Address

C. W. PHILLIPS, NEW SHARON, IA.
Bred Sow Sale, Feb. 20th.

CHOICE POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. C. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

MY herd of Poland Chinas are the big type, headed by Standard Chief 2d 92441, by Standard Chief an 800-lb hog with 10 in. bone assisted by "I Am Sunshine" 104877 by Iowa Sunshine. 23 March and April boars for sale, wt. 175 to 225 lbs. If you want size, flash, with blood lines, I have it. Write your wants. Jns. Cockerton, Route 1, Whiting, Iowa.

POLAND CHINA BOARS AND SOWS.

BIG boned lengthy fellows with broad backs and plenty of flash. By H's T. C's U. S. 55811 an 800 lb. hog in show shape. Their dams matured sows. Priced cheap to move them.

J. B. McALLISTER, - PAID, IOWA.

NOTICE.

FOR SALE—25 pedigreed Poland China pigs, both sexes. Prices reasonable. Customers always satisfied. Have been a breeder ten years.

SAMUEL LOCKE, Iowa
Route 1, Selma, Van Haren Co.,

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Itch breeding, good individuals and priced low.

E. O. WOLCOTT, GILMORE CITY, IA.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shmureck 34571, by 75 Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection

H. B. MOATS, VILLISCA, IOWA.

Q LONG, heavy-boned fall boars by Tec. Keep On 0 by Big Tec. by Blain's Tec. and Indiana King. They weigh from 250 to 380 lbs. Price, \$30 to \$35. 30 long, growthy, smooth spring boars by Dorris Tec. and out of large, roomy sows. They weigh from 130 to 200 lbs. Price, \$20 to \$35. Send for catalog. Henry Dorris, Reimsen, Plymouth county, Iowa.

GROWTHY POLAND CHINA BOARS

OUT of mature parents; best breeding; good bone \$20 and \$25. Two year herd boar \$40. Short-bone and Polled Durham. Cows, heifers and bulls at low prices. Special price on car lot. 2 miles N. E. of city P. S. & S. Barr, Hx H. R. R. 4, Davenport, Ia.

POLAND CHINA BOARS FOR SALE.

I HAVE several large, early, heavy boned boars of very best blood lines which I will sell very cheap to quick buyers. I will stand return express and refund price paid if pig is not as described.

C. H. DRAKE, Stockport, Iowa

A SNAP!

IN boars by Defender. These are strong, vigorous fellows, good backs and heavy boned. They have made the run of a large pasture and are in fine condition. Priced to sell quick. Write now

C. A. STEELE, Ogden, Iowa

When writing to advertisers please mention this paper.

FIRST ANNUAL SALE

OF IMPORTED, STRAIGHT SCOTCH,
CANADIAN BRED & SCOTCH-TOPPED

SHORT-HORNS

AT MY FARM NEAR

42
HEAD

KENNARD, NEBRASKA,
TUESDAY, NOVEMBER
27, 1906.

42
HEAD



HERE will be 42 head in the sale, 30 females and 12 bulls. Fifteen cows will have calf at foot to my former Scotch bull Red Bud 145102. Imp. Flora 50th, a splendid red cow imported by Cargill & Son, will be included, also a number of Canadian-bred cows and heifers. There is a splendid bunch of Red Bud heifers in my sale, also a daughter of Baron Lavender, that is good enough for a show heifer, her dam being a daughter of Imp. True Briton. There will be an excellent lot of young bulls in the sale. One of these is Brawith Lad, a straight Scotch sired by Golden Lad, and is out of the great cow Imp. Rosemary 212th. This being my first annual sale, I am putting in some of my best cattle. I extend a cordial invitation to all breeders and farmers to attend my sale. Kennard is on the C. & N. W. R'y, six miles west of Blair, 25 miles northwest of Omaha, and 16 miles east of Fremont. Write for my catalog at once. Address,

DELMAR McCANN
KENNARD, NEB.

Please mention Iowa Homestead
when writing.

GEO. P. BELLOWS, Auct.

POLAND CHINA HOGS.

14 BIG STRONG, GROWTHY
March Poland China Boars
FOR SALE.

TWELVE of them by Gay Perfection 2d 97251. One by Radium (a sow of Perfection E. L.) and one by Impudence 97557. These boars are of the most aristocratic blood known to the breed. Will sell them at \$25 each while they last, except the Impudence boar which I hold at \$35. Impudence was the sweepstakes boar at Des Moines last year. The greatest hog show on earth. The dam of the fellow cost me \$187.50. For further particulars address the owner Joe Steward, Ames, Iowa. Also two yearling scotch bulls, one by Revenue, the other by Golden Diamond.

....ONLY A FEW LEFT....
But They're Good Ones.

OUR boars have been selling like hot cakes; only have 20 boars and 10 spring pigs left. Some of these by the double sweepstakes boar Matchless Jr. Fall and spring gilts bred and ready to ship. These by matchless Per., Matchless Jr., B's Chief Tecumseh 2d and Correct 1 know.

HENRY BROS., - LE MARS, IOWA.



MATCHLESS PERFECTION.

WELLMAN HERD OF RECORDED POLAND CHINA
SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch and Scotch Topped hogs for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief 11 37628, and Wlasome Dude 11 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, MANNING, IOWA

45

POLAND CHINA BOARS

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON,

DEFIANCE, IOWA.

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb. March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unrelated. Write for breeding, description and prices.

BRIDGFORD & NESBITT,

R. R. No. 3, ALEDO, ILLINOIS.

POLAND CHINA HOGS.

WILLOWDALE POLAND CHINAS.
MODERATE prices for the best blood of the breed. Herd headed by Master Sunshine 72227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S., best sow outside of Perfection family. M. S. is assisted by Eldorado 106425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Medler, Corrector 2d, Spellbinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockerels, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

LARGE POLAND CHINA BOARS.
THE get of All Dude 106413, the 800-lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's ring), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars by him for sale. Wm. Pedrick & Son, Ottumwa, Ia.

FOR SALE.

FIVE topy Poland China boars farrowed April 2, 1906, out of the great brood sow Beauty 2d 233774 sired by the Great Onward 102447; other good pigs by the same sire, all at farmers' prices. Write or call on, OSBORNE, BROS., OSHORNE, IOWA.

HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a 35 son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.

BERT FRY, Plainfield, Bremer Co., Iowa

POLAND CHINAS

Over 100 Head.

AUGUST POST, Moulton, Iowa

GROWTHY POLAND CHINA BOARS AND GILTS

OUT of mature parents. Best breeding, good bone Write for breeding and show winnings.

IDEAL STOCK FARM.

W. C. WENDT & SONS, R. 2, Donnellson, Iowa

...PRAIRIE VIEW HERD POLAND CHINAS...

25 BOARS and gilts for the trade. Sired by S. B's 25 Choice (106849). Gilts bred or open as desired. A few yearling sows and herd boar. Satisfaction guaranteed. Long distance phone.

J. D. Varhees, R. R. 5, Charles City, Iowa

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Unceda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, Danbury, Iowa.

WALKER'S POLAND CHINAS.

I AM offering fifty head of choice Poland China spring pigs of both sexes for sale at reasonable prices. Write for prices and descriptions.

T. W. WALKER, MAZON, ILL.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall. Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address,

Jno. Schneider, Remsen, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinville, Illinois.

Onward by Keep On for Sale.

WAS in 2d Poland China litter at Des Moines, 1904, is a big heavy boned fellow, breeds that way. Will sell all or half and guarantee him in every way. Write at once to

A. C. LANHAM, BATTLE CREEK, IOWA.

Poland China Hogs

FOR SALE: six yearling boars. Good length, large bone and from large families. Sired by Perfection E. L. 2d 110003. Price \$18 and \$20. Address,

Judy & DeLashmunt, Salem, Iowa

Hustle On 105337 Heads Herd.

400-lb. fall males, large, heavy-boned Poland Chinas. Spring males, the kind that all want. S. L. Wyandotte and It. C. B. Leghorn chicks, \$1. S. H. cattle. Inter-state phone. F. Ebendorf, Strawberry Point, Ia.

White Clover Herd POLAND CHINAS

BREEDING stock for sale. Sired by Black Perfection 105151. Write for description and prices.

M. T. McEvoy, Emmetsburg, Iowa

PAPILLION HERD POLAND CHINAS.

Will offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Fancy Perfection 26439. Write for price and catalog.

Wm. Uhe & Sons, R. 1, South Omaha, Neb.

POLAND CHINA BOARS (BLACK).

8 FALL boars, 2 yearling boars, 50 spring boars. 8 sired by Klever's Gay Lad.

J. W. Knowles & Son, - - - Craig, Neb.

POLANDS. Mch. and Apr. farrow, get of prize winners, splendid individuals, breeding unsurpassed, big litter strain. Kind swine breeders should have. For prices write. S. P. Hartman, Ottumwa, Iowa.

POLAND China Boar Pigs, March and April farrow sired by Black Perfection, dams by Sailor Sunshine. Heavy boned growthy fellows. Price \$15 to \$20. Write your wants. Henry Schlatter & Sons, Lawler, Iowa.

15 GOOD Poland China spring boars for sale at once. Prices \$15 to \$20. Correspondence solicited. Wm. Barr, Kirkman, Iowa.

When writing please mention this paper.

POLED DURHAM CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, lie by the \$1,000 Little Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Extra five miles from town. We won 60 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER,

Kalona and Wellman, Iowa.

Double Standard Polled Durhams.

HAVING rented my farm, I will sell my small herd of fine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right.

W. E. LOUGHARY, Packwood, Iowa.

F. A. MURRAY, MAZON, ILL.

Breeds POLED DURHAMS.

STOCK that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made 5 importations. One Lodge Minstrel Stb 1855 and O. L. Fustler 6443, two imported boars and one over Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not shown. Now booking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not akin to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1906. Address, Thomas H. Canfield, Box 2, Lake Park, Minn.

YORKSHIRES.

THE type the Packers want. Service boars now ready to ship. Prices low for quick sales to make room for fall litters.

Mondamin Farm, White Bear Lake, Minn.

HAMPSHIRE HOGS.

HAMPSHIRE HOGS

30 SPRING BOARS by Stone's Duke. 1st prize boar Illinois State Fair 1906. I am breeding for early maturity, prolific families, quiet dispositions, purity of color and muscular action. 30 bred gilts ready Dec. 1st. Write for prices and descriptions.

Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

DUROC JERSEY HOGS.

BUY A DUROC JERSEY BOAR

Sired by

Crimson Wonder Again

The Iowa State Fair Sweepstakes Boar.

I HAVE them and they are good ones. Also some choice boars by Lott's Top Notcher. Order right away if you want one. Address,

GRANT SUMMERS, Malvern, Iowa

A CHOICE COLLECTION

Of Duroc Boars For Sale.

DESCENDANTS of famous sires, Tip Top Notcher, Ohio Chief, Improver II, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

Fagan, Browning, Hess & McCabe,

HERSMAN, ILLINOIS

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

GRAND VIEW DUROC JERSEYS.

BOARS by Crismon Wonder Jr. 41103 and Chief I Am Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.

F. M. HUFF, R. 2, AFTON, IOWA.

CHOICE DUROC JERSEY

Spring pigs of March and April farrow, either sex. Good weight, bone and color.

Frank Warwey, Mt. Pleasant, Iowa.

DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEYOE & SON, Mason City, Iowa.

KEAN'S Growthy Durocs--All ages, the best of breeding, extra large bone. Also one yearling and aged male. Frank Kean, Mt. Pleasant, Iowa.

IF you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

MIDLAND DUROCS

15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeston, Iowa.

THE Grendell Herd of Durocs contains the blood of the most popular families, P. H. Herring, Kalona, Iowa. Shipping point Iowa City.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fattened, prolific, pedigreed, 5 strains. J. C. Jay, Mt. Pleasant, Iowa.

DISPERSION SALE

My Entire Herd of Scotch and Scotch Topped

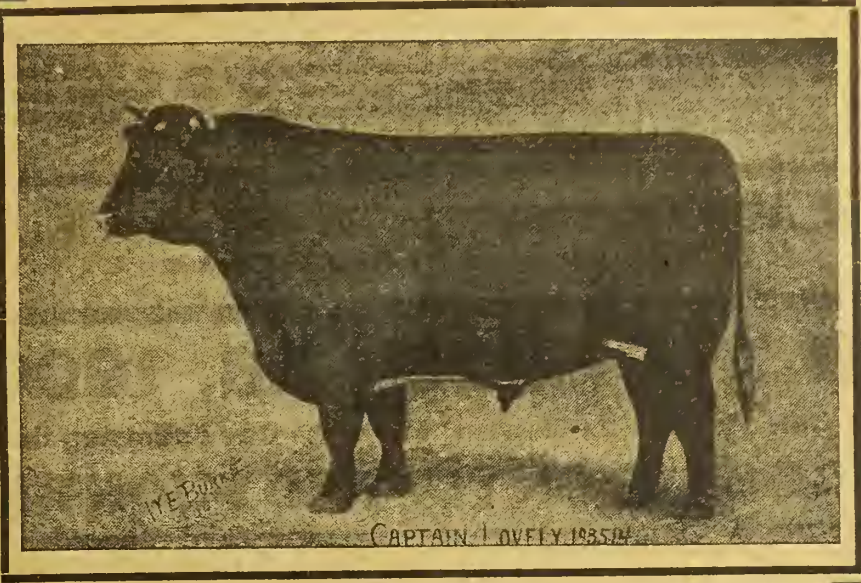
SHORT-HORN

40 Head CATTLE 40 Head

Belonging to Chas. Neff Will Be Sold at

WALNUT, IOWA, NOVEMBER 26, 1906

INCLUDING MY ENTIRE SHOW HERD.



No. 1

CAPTAIN LOVELY 193514

(Herd bull for 4 years.)

Red; calved October 26, 1901; bred by Geo. Andrew, Elimville, Ont.

DAMS

SIRE

BREEDERS

Got by Imp. Scotchman 183517.....John Taylor

Lovely's GiftNew Year's Gift 144785.....Thos. Russell

Lovely JosieJocelyn 17438J. Miller & Son

Lovely Queen 4th.....2d Lord of the Manor 3456.....J. T. Gibson

Lovely Queen 3d.....Butterfly's Duke 390.....Bow Park

Imp. Lovely 19th.....Millionaire (31917)Mr. Cruickshank

THERE will be some splendid Scotch cattle in my sale, including my prize-winning Scotch bull, CAPTAIN LOVELY, a five-year-old son of Imp. Scotchman; also my prize-winning yearling bull, Royal Rosemond, a son of Imp. Craibstone. Fourteen cows will have calf at foot by Captain Lovely and Royal Rosemond, and others old enough will be well along in calf. Esther Cumberland one of the best daughters of Old Cumberland in the state and a first-prize winner wherever shown, also Cumberland's Pride, a three-year-old will be included. Also Tidy Girl, a daughter of old Imp. Gay Monarch. I am offering a grand lot of Scotch and Scotch-topped cattle, and everything must be sold. Write for catalog to

CHAS. NEFF, - - - WALNUT, IOWA.

Col. Geo. P. Bellows, Auctioneer. Please mention Iowa Homestead.

DUROC JERSEY HOGS.

GOLDEN HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crismon Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

Clover Leaf Herd of Duroc Jerseys.

HERD headed by Pine 37903, winner of 2d in class at Minnesota state fair, 1905; he by Granger 28567. Also have pigs sired by a son of Improver 2d and by King Prince. 75 head for sale. Prices right and quality second to none. Clyde H. Smith, Riceville, Mitchell county, Iowa.

DUROC JERSEY

SPRING boars and gilts for sale sired by Red Prince 8915, B. S. Hero 21827, Orion Lad 23573. All stock guaranteed as represented.

W. L. Bennett, - Birmingham, Iowa.

BOARS! BOARS!

FOUR HERDS. Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794.

BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, Crismon I Am 43108, by Crismon Wonder, F. A.'s Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred.

F. A. STRONG, ORIENT, IOWA

50 Tippy Duroc Jersey Boars and Gilts

Sired by Junior Jim and Arlon. A choice lot of breeding stock will be priced right--so they will go--during the next thirty days. If you want something good, write at once.

R. C. POSTON, Corydon, Iowa

DUROC JERSEY HOGS.

The Logan Valley Herd of Duroc Jerseys.

DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, Lyons, Neb.

FANCY DUROC JERSEY SWINE OF BOTH SEXES

FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker and other leading strains.

C. W. WOLF, HAMPTON, IOWA.

I HAVE THE TOPPIEST

OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money.

F. A. HAM, SARONVILLE, NEB.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

Greene County Herd Duroc Jerseys.

OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Heuben and others.

CHAS. VAN PATTEN, SUTTON, NEB.

DUROC JERSEY HOGS.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challenger, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

PEEK & PUTMAN'S DUROCS,

TECUMSEH, NEBRASKA.

Our pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crismon Jim, Universal Russell, 2d's Improver, Gifford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1906, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Brynn, R. R. 1, Neponset, Ill.

80 BIG BONED DUROC JERSEY RED PIGS 80

FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA

THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by him and Elm Lawn Top Notcher are offered at prices that should move them.

Chas. Sobotka, - Culleville, Mo.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Rood Bros., (Swine Specialists), Lake Park, Ia.

I. J. LORTON, Union City, Ind., proprietor of the I. J. Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented.

I. J. Lorton, R. R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address

ALBERT BELL, LAKE CITY, IOWA.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crismon Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices.

M. A. McWilliams, Wall Lake, Iowa.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON, - MACON, ILL.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

Minnesota's Sweepstakes Duroc Jerseys.

I WON 1st and sweepstakes on boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crismon Wonder I Am blood. Good boars for sale.

Wm. Malcolm, Bigelow, Minn.

Prairieview Herd of Duroc Jerseys.

SPRING pigs either sex by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell bred Duroc gilts for one-half last winter's public sale prices. Write for what you want. Mention Homestead. W. J. Prather, Russell, Iowa.

EVERYDALE HERDS AND FLOCKS

SHORT-HORNS, DUROCS, SHROPSHIRE,

BULLS, boars and bucks for sale. Good ones and priced right. Our Marr Missie herd bull Meteor 174278 for sale or exchange.

A. M. Avery & Sons, Mason City, Iowa

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, 2d Duke of Ohio 23529, George Hur 40851 and Alfonso 40849. Write for prices. Address,

M. M. ELMENDORF, LACONA, IOWA.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.

Edmonds, Shade & Co., Kingsley, Ia.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crismon Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly.

E. K. Young & Son, Havelock, Neb.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Melton, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

BIG 2 DAYS' SALE OF SHORT-HORN CATTLE

AT NEWTON, IOWA, NOVEMBER 27TH AND 28TH.

ON NOVEMBER 27, 1906,

At the Sale Pavilion at Newton, Iowa, We Will Offer for Sale

60 HEAD OF CHOICELY BRED SHORT-HORN CATTLE.

consisting of thirty-four females and twenty bulls from H. D. Parsons' Malaka herd, twenty bulls and ten Scotch females from the well known herd of Andy Stewart. Thirty-four head of the entire offering are Scotch cattle of the richest and most approved breed. The remainder are richly Scotch Topped American sorts. This will be the greatest sale of Scotch Short-Horns ever offered at the Newton sale pavilion and the choicest that will be offered in Central Iowa this fall. Some choice Scotch herd bulls are in the offering. Apply for catalogs to

H. D. PARSONS OR ANDY STEWART, - - - **NEWTON, IOWA.**

COL. F. M. WOODS AND ASSISTANTS, AUCTIONEERS.

ON NOVEMBER 28, 1906,

I Will Offer for Sale at the Sale Pavilion in Newton, Iowa, the Day Following the Parsons & Stewart Sale

48 HEAD CHOICE SCOTCH TOPPED SHORT-HORN CATTLE

I will offer forty-seven head of females and my Scotch herd bull, Red Victor. All the cows in the sale will either have calf at foot by him or be bred to him. Fifteen cows will be sold with calf at foot. Forty of my females are of breeding age and will either have calf at foot or be bred to Red Victor. Table back Short-Horns that are great milkers is the class of cattle I am offering. My herd bull, Red Victor, is offered for sale. He is a straight Scotch bull, sired by Victor Baron 216682 and out of Imported Mabel. My catalogs are ready for distribution and will be mailed by addressing me.

E. S. TURNER, - - - **COLFAX, IOWA.**

COL. F. M. WOODS AND ASSISTANTS, AUCTIONEERS.

DUROC JERSEY HOGS.

DUROC BOARS.

DO you want a big, heavy-boned, wide-backed pig with plenty of length and quality, sired by a son of Proud Advance, a son of Orion and by Adjuster 25251. Will give accurate description, exact measurements and weight. My pigs are very large for age and have been grown for service, not fattened on corn.

ROY E. WEST,
Route 1, Box 6, Churdan, Iowa

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, - - - **Portsmouth, Iowa**

Duroc

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. **F. A. KRUSE, Waco, Neb.**

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder, he by Crim-son Wonder are now ready to ship. Write me. **WM. SUTTER, Liberty, Neb.**

ATHELRD 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. **A. Wilson, Bethany, Neb.**

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. **MANLEY & CO., LYONS, NEB.**

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. **JAMES T. DOLLISON, SAC CITY, IOWA.**

WELCH'S POPULAR PRICED DUROC JERSEYS

I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, **S. I. Welch, Cherokee, Ind.**

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. **W. A. Kirkpatrick, Lincoln, Neb.**

DUROC JERSEY HOGS.

Ohio Chief Male Pigs For Sale

I HAVE three extra good Ohio Chief male Duroc Jersey pigs that I will price right, if taken at once. Also pigs by Adams Express, a full brother to Crimson Wonder. Male pigs by ten leading sires. I can suit you. Write me at once.

FRANK ALLDRITT, - - - **NEBRASKA**

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, - - - **PETERSBURG, ILL.**

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address, **C. T. ROGERS, PETERSBURG, ILL.**

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, - - - **Elwood, Ill.**

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address, **JOHN WEIGHTON, Audubon Iowa.**

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 top spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address, **HARMON GRUVER, Brewster, Minn.**

The "Nancy Herd" Durocs FEBRUARY 25, 1907. Sow sale } Pigs by Orion, Junior Jim, Critic's Echo, Inspection invited. 125 pigs. Write us. **W. A. STAPLES & SONS, GLIDDEN, IOWA.**

Iowa Banner Herd Durocs Headed by W. L. A's Choice Goods, has for dam the \$1,060 S. E.'s Model 9th; the \$2,000 Ohio Chief for grand sire; Bishop's Choice for grand dam and the great Nebraska Belle for great-granddam. Write your wants. **W. L. Addy & Son, Parnell, Mo.**

40 DUROC-JERSEY BOARS. 40

SORED by Chief of Chiefs, a son of the great S. Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. **DELMAR McCANN, - - KENNARD, NEB.**

FAIRVIEW HERDS. RED Polled cattle, Duroc swine. Will sell my herd bull Expansion at a reasonable price. No swine for sale now. Spring sale February 13 1907. **J. E. Davis & Son, Fairview, Kan.**

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address **Arch Brown & Sons, Waterloo, Nebraska.**

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

DUROC JERSEY HOGS.

Walker's Durocs.

12 HEAD of March Boars. Now ready for sale. Tops of 78 spring boar pigs. They are sired by Our Chief by Ohio Chief; Highland Chief by High Chief by Ohio Chief; Pilot Wonder 42707, a grand son of Pilot Wonder 5017; Illinois Chief by Sensation Chief by Sensation. No better blood lines in any herd. Pigs equally as good as breeding. Write for prices.

O. WALKER & SON, PALESTINE, ILL.

SHELDON BROS., A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS., - - - **Iowa.**
Shannon City. Successors to H. C. Sheldon & Sons.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 28163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also, Top Notcher Again, champion at Ind. and Ill. in '03; also sire of junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Mauley Orion 3709.

2D prize boar in 18 months class Iowa Fair, 1905. 2d Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tintsen, that are full brothers to Roberts, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

WALNUT GROVE DUROCS

I HAVE a few good male pigs for sale now. Prices reasonable. These pigs are sired by Belle's Model and Tedly K, and out of Ray's Choice and Higgin's Model sows. **HENRY G. WARREN, INLAND, NEB.**

PUBLIC SALE OF REGISTERED HEREFORDS

STOCK YARDS SALE PAVILION

South Omaha, Neb., Tuesday, November 27, 1906.

All of Our Own Breeding

30 Choice **30**
2 Year Old
Heifers

ALL BRED TO OUR LEADING
HERD BULLS

CATALOGS SENT ON REQUEST



All of Our Own Breeding

20 YOUNG **20**
BULLS

JUST READY FOR SERVICE.
SOME SHOW MATERIAL HERE.

CATALOGS SENT ON REQUEST

AN OFFERING OF STRICTLY CHOICE CATTLE OF
MODERN TYPE AND ANXIETY 4th STRAIN

GUDCELL & SIMPSON, INDEPENDENCE, MO.

SALE AT 10 O'CLOCK A. M. SHARP.

DUROC JERSEY HOGS.

Thos. Bennett,
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

MAPLE AND LAWNSDALE
DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cook Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

HANLEY BOARS
FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

40 HEAD
FALL & SPRING
DUROC JERSEY
BOARS.

The most popular strains sired by C. & T. Orion, Duroc Challenger's Redeemer and Chime's Advance, out of Duroc Challenger, Duroc King and Glendale Critic sows. Good boars at reasonable prices. Clark & Tryon, Wausa, Neb.

MAY & PORTER,

REMINGTON, IND.
MAYOR'S CHIEF 40727 and Top Notcher. Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

WOLF CREEK HERD OF DUROC JERSEYS.
Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

DUROC JERSEY HOGS.

TWO CHOICE OHIO CHIEF LITTERS FOR SALE.

70 Head of the Toppiest Duroc Jersey Pigs.

I AM offering for sale two very choice Ohio Chief litters out of a granddaughter of Echo King and Ak-Sar-Ben 4th. I also have pigs by Crimson Wonder Jr., Orion 2d and Leather Stockings, out of daughters and granddaughters of Nebraska Belle, Echo King and other noted sows and boars. I have the best blood lines known to the breed and I have a grand good lot of pigs. If you are looking for a herd header write or come and see me. I also breed Shire Horses and Aberdeen Angus Cattle. Young stock for sale at all times. Address

W. D. PITTMAN

LAKE CITY, IOWA.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Murton's King 8725, Tientin 17261, Imp. Wonder 43561, A. L. Advance 43331, Odeholt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar, Tientin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address,

P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 11-3, RADCLIFFE, IA.

CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address,

U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

SIRE in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50188 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paullina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from us good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH,

HAMBURG, IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

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AFTON, IOWA.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB,

MONROE, NEB.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER,

DECATUR, INDIANA.

DUROC JERSEY HOGS.

Buddy K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,

PAWNEE, ILLINOIS

WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow; sired by Top Notcher Model 37663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advance and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R.

J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

ROYAL RUBY HERD OF DUROCS.
I NOW have a fine lot of spring boars for your inspection. They are sired by Osceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.

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40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alix, litter brother to the sweetestakes sow Alix II. Good ones.

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I. C. Welch, - Bedford, Iowa.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

FOR SALE. My Duroc Herd Boar Crimson Model 41275 (half brother to Iowa Banker). Also some of his pigs from sows by Gay Advance 28775, L. L. Woods, Grinnell, Iowa.

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We will **SAVE** you **HALF** in **DOLLARS** of what your Local Dealer would charge you for Millwork, freight included. We guarantee this. We also guarantee that every article we sell to you direct is up to the Standard of High Quality Required by the Official Grade adopted by the Sash, Door & Blind Manufacturers' Association of the Northwest. Not all Millwork is. Remember that. You see here a few illustrations and prices taken from our catalogue. These are but Specimen Values. Ask yourself if it isn't worth while to see that catalogue. It illustrates the entire products of the Biggest Mill in America—the Only Manufacturers of Millwork who Sell Direct to Home Owners, and to Any Man who is repairing or building, to Carpenters and to Contractors or Builders.

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Capital \$250,000.00 Surplus \$150,000.00
DAVENPORT, IOWA.

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We assure prospective customers that they are perfectly secure in sending the money with their orders, as we understand that if goods are not entirely satisfactory, they may be returned at shippers' expense, and the money will be promptly refunded.

The officers of this Company are well and favorably known to us, and may be relied upon to do exactly as they agree. Yours very truly,
J. H. HASS, Cashier

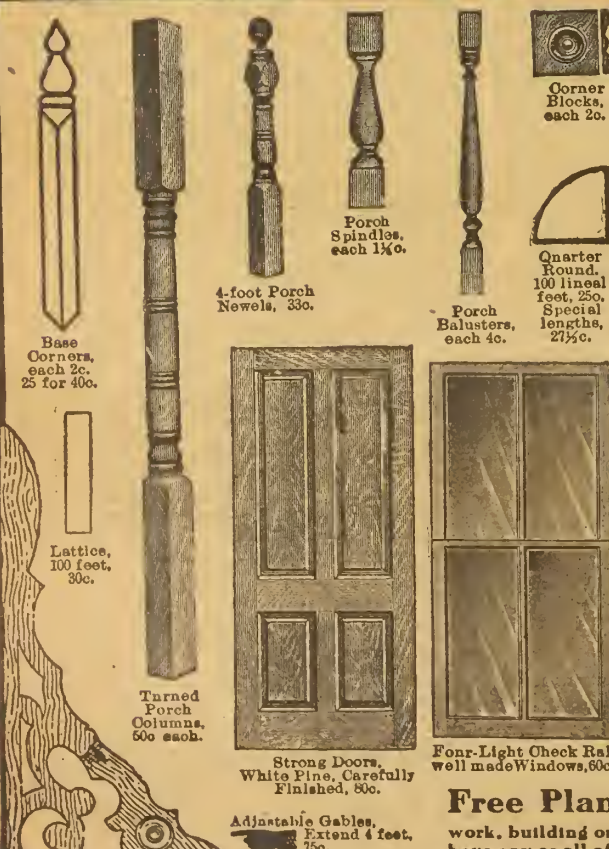
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Flintcoated Rubber Roofing
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Station A92, DAVENPORT, IOWA





VOL. LI. NO. 48.

DES MOINES, IOWA, NOVEMBER 29, 1906.

WHOLE NO. 2576

PURE-BLOODS FROM CROSS-BREDS.

P. H. S., Oketo, Kan., propounds the following:

If a Poland China sow be bred to a pedigreed Duroc Jersey boar will not the litter be half of the blood of each? If the females from this union be bred to a pure-blooded Duroc boar, will not this litter be three-fourths Duroc blood and one-fourth Poland? And will not a similar cross result in full-blooded Duroc Jerseys eligible to registry? Where must one send the pedigrees to have them recorded?

Our correspondent's reasoning is hardly correct after the cross which results in pigs of three-fourths Duroc and one-fourth Poland blood. In the next cross he has all the Poland blood disappearing, making the litter pure blood red hogs, where they should be seven-eighths red, and one-eighth black. Now the sows used in this last cross were as above given three-fourths red blood, or three parts of red out of four parts. Their offspring sired by a pure bred red hog would receive four parts of Duroc blood from the sire and from the dam's, three parts Duroc blood and one of Poland, making in all seven-eighths Duroc and one-eighth Poland. The next cross would result in fifteen-sixteenths Duroc blood, the next thirty-one thirty-seconds and so on, indefinitely. Never could the offspring be completely free from the blood of their original black dam.

On the face of it the scheme is not possible, since we could not imagine an animal that would not contain some of the characters of all of those represented in the dam's blood, regardless of their size or extent. Of course the Duroc with only one-sixty-fourth of Poland blood would be pure, practically speaking, yet if such a hog were produced the Poland character would be continually cropping out in the get or produce.

Furthermore, a plan of this kind to secure the desired end would not be practical. Think of the time and money involved and the unreliable result. There is only one way to produce pure blood animals and that is to start with pure blood.

There are two registry associations where one may have pure bred Duroc Jerseys recorded. The secretary of the National is H. C. Sheldon, Peoria, Ill., and of the American, T. B. Pearson, Thornton, Ind. These gentlemen will be glad to answer all inquiries regarding this breed of swine.

THE TWO-EAR CORN STALK.

In every county of the corn belt can be found men who desire to establish a strain or variety of corn characterized by the production of two ears to the stalk. No subject is referred to more frequently than this in the mail received by this paper.

We have no hesitation in going on record as opposing the two-ear theory. Our main reason for this is that up to the present time maximum results have not been obtained in the growing of varieties that produce only one ear. On average corn belt land the yield now is far below what it ought to be, and while there are several causes for this, yet the main one is that the land is not strong enough to produce a good ear on every stalk. You can choose almost any corn field and upon examination you will find a very large percentage of the ears are very much smaller than the standard of the variety. Supposing, for example, that the standard is ten inches in length and seven or seven and a half inches in circumference. You will find possibly 75 per cent of the ears that are less than nine inches long, indeed, less

than eight inches long, and the circumference proportionately less.

If you look further you will find that this decrease in size is generally accompanied by the taking on of a more or less flinty appearance, and in most cases this is brought about, in our opinion, by the lack of fertility supply in the soil. When the time comes that every field in the corn belt can be clovered or made to produce some legume every four of five years, and if, in addition, all of the roughage and much of the grain that is grown on the farm is fed and returned to it in the form of manure—if these conditions are ever brought about, we might then be willing to advocate the two-ear corn, but that day is so far in the future that we believe we are almost wasting time in discussing the subject. We realize that there are plenty of men who say that two small ears of corn will give you greater weight than one medium sized ear, and while this is true, at the same time the quality is not so good as a general thing and the type becomes very rapidly changed when the stalks are over-worked in this manner.

The thing that must be worked out first is to lessen the number of barren stalks that are found in the average field. This runs all the way from 2 to 15 per cent, we are told. We are also informed that by properly breeding corn, and especially by detasseling, that this percentage can be greatly lessened. We know from practical experience that if seed is chosen with great care, due emphasis being placed on a certain roughness of kernel, a certain length of ear and a certain circumference, that this in itself to a very large extent eliminates barrenness. By selecting from stalks that produce two ears it is impossible, under average circumstances, to get size, depth of kernel and roughness of kernel. In our opinion you lose in the constitutional powers or in the ability to reproduce what you gain in the increased weight of the two ears over one.

The stations ought to do a little work along this line, in order to satisfy with scientific data those who would like to have information on this subject. A few years' work in the growing of two-eared varieties on poor soils and on rich soils

would enable a station to give some definite advice on this subject. At present the best information is only based on conjecture, but the consensus of opinion among successful corn raisers is that it is better to select corn that will produce but one ear.

THE CHARACTER OF PROTEIN IN FEEDING STUFFS.

The following communication has been received from a Missouri subscriber:

I have never had the advantage of training along the lines of chemistry, and I apprehend that the great majority of your readers are in exactly the same fix as I am. We sometimes come across terms that confuse us a little and I would like to ask you to explain to your readers just what is meant by the term "protein," as it is used in connection with the analysis of feeds. I know from practical experience that foods rich in protein are costly. Why is this? What is the function of protein in the animal body?

Protein is employed as a group name for the nitrogenous ingredients, both of feeding stuffs and of the animal body. Mark the word "nitrogenous" because that is the secret of the whole matter. Protein is always high in price because nitrogen is scarce, no matter in what form you find it. The principal protein bodies in feeding stuffs contain about 16 per cent of nitrogen. Corn contains about 10 per cent of protein. A hundred pounds of corn, therefore, would only contain 1.6 pounds of nitrogen.

In the corn belt starchy foods are much more easily produced than those that are rich in protein, and consequently nitrogenous foods are high in price, as indicated by the present value of such feeding stuffs as bran, oil meal and tankage.

Protein is used in the animal economy to build up lean tissue, supply ingredients to the blood and to a certain extent keep up the heat and energy of the body. The fact that protein may be converted into heat and energy is the reason why all rations are compounded so as to reduce the content of protein to the lowest point, and, ther 'or, the aim is to keep up heat and energy with fattening foods that are not so expensive.

Corn is not a balanced ration for the reason that it does not contain enough

protein, or nitrogenous matter, to supply the needs of the body in the building up of new tissue or what is needed for blood-making material. It only lacks a very little of being a complete ration, but this lack is a very important matter to every stockman. Oats only contain about 2 per cent more protein, and yet this small percentage makes the difference between a balanced ration and one that is not balanced.

The principal difference between protein and the carbohydrate bodies is that the latter do not contain nitrogen and they alone can ever form flesh or make blood.

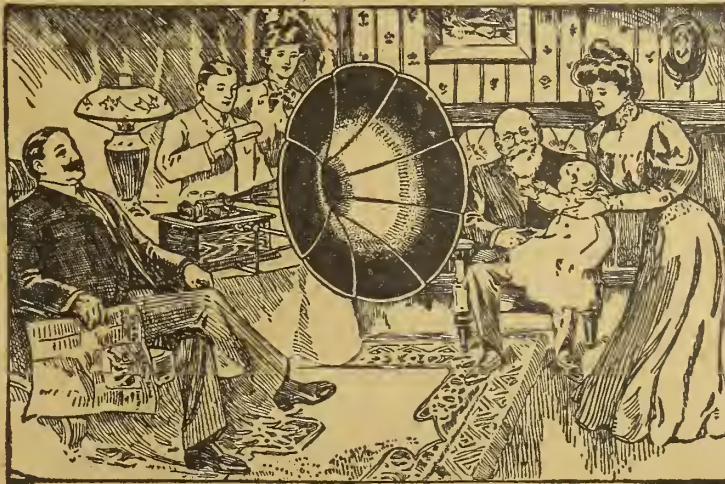
THE INSTITUTE SEASON AND WHAT IT MEANS.

Almost every county in the corn belt will hold one or more Farmers' Institute sessions during the next few months. This class of meetings has sprung up during comparatively recent times, and although no one has ever made a study of their effect on agriculture, yet it is assumed on every hand that they stand for progress. Apart from what one hears on an occasion of that kind, there is always value in meeting the other fellow when both of you have the one thing in mind, namely, to inform yourselves on some phase of your calling.

It must be acknowledged that there is a certain amount of what we call twaddle passed around at these institutes. We have heard men who themselves have never engaged in agricultural pursuits, who have never plowed a furrow in their lives, or husked an ear of corn, pour out volumes of advice about the necessity of doing "better." Such individuals are usually strong on giving advice about keeping the implements inside, keeping the farm fences in repair, and they wax warm about growing big crops, and yet keeping up the fertility. Fortunately, the day for this kind of advice has passed.

What farmers need, especially, is specific instruction on how to improve crops so that they will yield better; on some economical, certain plan of improving live stock, so that for a given amount of feed used one will have more to show for it. We need just such a change in the character of the instruction given us as has been made in our colleges in recent years. The laboratory system by which the boys and girls are compelled to "do things" has been substituted for the old practice of picking it all from text books or from the lips of a dominee.

We are unfortunate in this respect, that those as a rule who have made pronounced success in agricultural affairs take but little part in public meetings. The very ones who above all would be listened to intently are generally found in the audience and not on the rostrum. Our college and station men are doing well and imparting useful things to the people, but some of these need to lean more heavily to the practical. Many a thing sounds well when you hear it from the platform, but to simply hear it does not mean that you know it. Institute speakers in the future should appeal more to the sight than they have in the past. If they are talking on corn the corn itself must be there; if on live stock the real animals must be before the audience; if it is about spraying orchards the spraying mixtures should be on hand; if on butter making, let the cream be churned right there and then. This is modern institute work and, thanks to our colleges and stations, this kind is being rapidly introduced.



THE BEST FAMILY TIES.

The charm of the home is in the contented family and in a happy circle of friends. Amusement and entertainment are the surest ties with which to bind both family and friends. The Edison Phonograph is the king of entertainers. You must read the wonderful free trial offer made on last page.

A HOG CONDITIONER.

The following communication has been received from a subscriber at Leighton, Iowa:

Some time ago you gave a formula for a pig conditioner which consisted of charcoal, sulphur, hard wood ashes, etc., but I have lost the recipe and would like very much if you would give it again for my benefit and for the benefit of others.

This subscriber no doubt refers to the formula given by the department of agriculture at Washington and recommended for pigs as a cholera preventive. It is made of the following substances, in the quantities given: Wood charcoal, one part; sulphur, one part; salt, two parts; sodium bicarbonate two parts; sodium hyposulphite, two parts; sodium sulphate, one part, and antimony sulphid (or black antimony) one part. These ingredients should be completely pulverized and thoroughly mixed, and one tablespoonful once a day is considered sufficient for a 200-pound hog, or for every 200 pounds in live weight of hogs. It is generally advisable to mix it with the feed, especially when slops are being fed. Where hogs are too sick to eat, it is recommended that a certain amount of the mixture be dissolved in half a pint of water and the pigs drenched.

Where one handles a big bunch of hogs it is generally advisable to do a little doping, especially so if they are fed heavily on grain. Under natural conditions, a hog needs very little chemicals, but it should be born in mind that when an attempt is made to finish a nine-months barrow and make him weigh 300 pounds at that age conditions are more or less artificial. Heavy grain feeding tends to heat the system a little and lay a foundation for disease. A mixture like the above satisfies a craving, and this tends to keep the animal in good condition, because when in solution no doubt these ingredients enter first into the circulation and then are assimilated and appropriated by the organs of the body.

MANUFACTURING CEMENT POSTS.

Elsewhere in this issue will be found a communication from Mr. H. N. MacDonald, entitled "The Cement Post Proposition." We desire to call the special attention of our readers to this subject because Mr. MacDonald is a man who has had large experience in handling cement, and he has been especially successful in making substantial fence posts.

At first it may seem that this is a topic a little out of season, but as we desire to say a good deal on this subject during the winter, in order that our readers may be thoroughly instructed so that when they take up the work, of manufacturing in the spring, they will be in a position to go ahead with their work, we believe that the topic is after all timely.

One can easily do a little experimenting with sand and cement during the winter months. This is especially true where men have furnaces in their dwellings, thus giving them the opportunity to work in comfortable quarters where no frost is admitted. We refer of course to the furnace room. We have in mind one individual who made several hundred posts last winter at odd moments. He had half a dozen molds and he made a practice three days in a week of filling these molds with a cement sand mixture. By spring he had posts for several hundred rods of fence.

If any of our readers have difficult questions to ask us relating to the matter of cement posts, we shall be pleased to have them submitted because, as said before, it is our intention to give a good deal of attention to this matter during the next few months.

COST OF RAISING A BUSHEL OF CORN.

The annual year book published by the Iowa Department of Agriculture contains a number of contributions on this topic. Mr. Ernest Mueller, of Madison county, Iowa, gives the following itemized statement of the cost of raising an acre of corn:

Since labor is the chief factor in the cost of producing a bushel of corn it will be well to figure from that basis. From observation and experience it can be closely estimated what a team and man can do in a day and what the cost will be. Rent of land can be figured in the neighborhood of \$4 per acre.

To get close estimates it will be necessary to follow the routine of raising corn. If the land has been in corn the previous year the stalks must be disposed of. A man with a three-horse harrow can cover forty acres in a day, and going over it twice would cost twenty cents per acre. Raking twelve acres per day would cost thirty cents per acre. Disking before plowing, thirty-five cents per acre. Plowing, \$1.25 per acre. On

an average one-half of the plowed land must be disked before plowing, at a cost of fifteen cents per acre. A team can cultivate in the neighborhood of seven acres per day at a cost of \$3.25 or forty-five cents per acre. Three cultivations, \$1.35. Husking costs at least four cents per bushel.

Giving an acre of average corn land \$6 worth of labor, it should produce a larger yield than the average yield of the county. Under such conditions as mentioned a yield of forty-five bushels per acre should be obtained.

Not considering rent, the cost would be over fifteen cents per bushel. Since the average yield of Madison county is about thirty-five bushels per acre, with \$4.50 worth of labor it would still cost fifteen cents per bushel to produce, and with the rent added, twenty-eight cents per bushel.

SUMMARY

Rent	\$ 4.60
Breaking stalks .....	.20
Raking and burning .....	.30
Disking before plowing .....	.35
Plowing	1.25
Disking after plowing .....	.15
Harrowing .....	.25
Seed .....	.15
Planting .....	.25
Harrowing .....	.25
Cultivating	1.35
Husking 45 bu. at 4c	1.80

Total cost per acre

Per bushel

The above items will apply quite accurately to a very large part of the corn-belt area. They accord quite closely with some computations made a few years ago by the Illinois Experiment Station. Of course there is land in the corn belt that does not have as high rental value as \$4.60 per acre, while on the other hand we have land that rents as high as \$6 and \$7 per acre. One can do comparatively little to change the cost of raising an acre of corn, though there is a vast difference even on the farms of a single township in the corn belt in the cost of raising a bushel.

In the above instance, the yield was reckoned at forty-five bushels per acre, which of course is a good deal above the average, not only of the county cited in this case, but of the corn belt, or of any state in the corn belt. If this could be raised to sixty, a bushel of corn would cost to raise it about eighteen cents, and it is in that direction we must go. It is doubtful if ever again corn can be raised cheaper than just at present, because land will increase in value and it is doubtful if labor will cheapen much. By giving good attention to clovering the land, as well as manuring it, and by using good seed, it is not unreasonable to expect to find many cases where corn is being raised as low as fifteen cents per bushel. The man who is obtaining a yield of seventy-five bushels per acre raises his corn for about fifteen cents per bushel.

BETTER YEARLINGS.

The number of small and undersized yearling colts and calves over the country is surprising. The general lack of size and weight of stock of this age is about the first impression that the sale visitor or buyer experiences. Various reasons may be assigned for this condition.

There are still those who do not realize the great importance of keeping the young things growing. In other words, to preserve the baby flesh as it is often expressed. The young animal that is turned in with a herd of stock cattle soon after being weaned, where it must take its chances with older animals, is sure to make slow headway on the route to an eight or nine-hundred-pound weight at twelve months.

Then follows perhaps a period of inactivity so far as growth is concerned. Whether this period in the young animal's life comes in winter or summer, there are more or less unfavorable conditions to be encountered. It is either intense cold and hunger, or flies and heat. Just imagine how fit a foundation would be for the support of the superstructure, if, after being put down, building operations were discontinued for several years. Checking a young animal's growth is a parallel case. There is valuable time lost in getting the animal to the point where it will yield profit, and besides the thrift and vigor is impaired, which forever prevents a stunted calf or colt from attaining the best size that it is capable of reaching.

We know that a great many will say that it does not pay to feed a young animal enough grain in addition to what it gathers in the fields to keep it growing at its best rate for two or three years. Possibly there are conditions where in the production of stock for market, it is more profitable to extend the growing period along over three or four years. But in growing stock for breeding purposes, the idea of stinting the young things at the feed box does not bear weight with any sensible feeder. Were land as cheap as the cost of a

claim deed, our position would be different. But on grain-growing land, grain should be fed in such quantities as will produce a maximum growth, and thus hasten the returns.

It must not be imagined that good feeding will make every calf a good yearling. The proper foundation must first be secured, or in other words, the calf's sire and dam must be animals that show a tendency to make good use of food. It is a general rule that a bull vigorous and well-fed will produce better offspring than one rather under-fed. Insure the yearlings a good start, then, by using the best sire you can afford. Every man who has handled stock knows how easy some bulls keep in flesh, while others need constant pampering to do half as well. If there were any means of making an exact comparison, we venture to say that the ordinary sire would be a losing investment every time, even with the stock grower of moderate ambitions.

There are enough nine-hundred-pound, twelve-months-old calves in the country to show that this attainment is not an impossible one. There are a remarkable number at that age that miss that weight by several hundred pounds. There lies a great difference in results. The problem is one worthy of every stockman's best thought.

SHORT-HORN HERD BOOK.

Volume 66 of the American Short-horn Herd Book is now ready for distribution. It contains the pedigrees of bulls numbered from 252478 to 257708, both inclusive, also the pedigrees of 7057 cows. The price of this volume to non-members is \$3 at the office, or \$3.30 prepaid. Volume 67, containing about twelve thousand pedigrees, has gone to press, and Volume 68 has been filled, and the pedigrees received since October 23d have been filed for Volume 69. Address John W. Groves, Exchange Bldg., Union Stock Yards, Chicago.

Trespassing Bull—Damages.

To the Editor of The Homestead:

A subscriber in Kansas is anxious to know his legal rights upon a state of facts, the like of which is frequently found to exist among farmers and cattle growers in every state of the corn belt country. For this reason his inquiry and the law applicable to the subject of it, will doubtless be of great interest to a large number of our readers.

Our correspondent, whom we will call Mr. A, is engaged in raising pure-bred Short horn cattle. His neighbor, Mr. B, on the adjoining farm, raises grade cattle. These two herds of cattle run in adjoining pastures, separated by a partition fence. Mr. B allows a grade bull to run with his herd, and Mr. A is in constant fear that the grade bull will break through the partition fence and serve his pure-bred cows, which are worth three or four hundred dollars each. He desires, if it be possible, to compel Mr. B to restrain his grade bull, and keep him confined in a lot or yard away from the pasture. If this cannot be done, he wishes to know whether he can recover damages in case the grade bull should break into his pasture and get his cows with calf.

We have carefully examined the laws applicable to such a state of facts, in Illinois, Iowa, Missouri, Kansas, Nebraska, South Dakota, North Dakota, Minnesota, Wisconsin and the territory of Oklahoma, and we find that they are much the same as to the substantial rights and duties of persons, and do not greatly differ as to methods of procedure. Each of the states named, and the territory, has its own fence law, describing what shall be deemed a lawful fence within its own territory, and providing that owners of adjoining lands used for stock or farming purposes, shall equally bear the expense of constructing and keeping in good repair, a partition fence between their lands. Every farmer and stockraiser should know what constitutes a lawful fence in the state or territory where he lives, and he can readily ascertain this in the office of any justice of the peace or lawyer in his county.

The rights and duties of owners of adjoining lands and live stock, in reference to breachy and trespassing animals, depend almost entirely upon the kind of fences they have. As an illustration—upon the facts in the case of A and B, above mentioned. A cannot compel B to keep his bull in any particular yard, lot or place, or away from the pasture adjoining A's pasture. B has a legal right to keep his bull anywhere within the



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boundaries of his land, being only liable in case the bull escapes and runs at large, or trespasses upon the property of another by reason of B's negligence or carelessness. This is the law everywhere.

If the bull breaks through that part of the fence between the pastures, which it is B's duty to keep in repair, and it is not at the time a lawful fence, B thereby becomes liable for all damages done by the bull. Again, if the entire line of fence between the pastures is a lawful fence, and the bull breaks through it anywhere along the line, B is liable for all damages. If, however, the bull breaks through that part of the fence which it is A's duty to keep in repair, at a place which is not at the time a lawful fence, then B is not liable for damages which the bull may do in A's pasture. Keeping in mind these principles, when B is liable at all, he is liable for the amount of damages that A can prove in court. For instance, if a pure-bred cow gets with calf by a grade bull, the measure of damages would be the difference between the value of the cow being with calf by the grade bull, and her value if she had not been served by said bull. This difference would have to be proved by witnesses who are familiar with the values of pure-bred stock and grade stock. If in a case, such men would testify that a certain purebred cow with calf to a grade bull, is worth only \$200, whereas if she had not been so bred, she would have been worth \$300, then the damage would be \$100. Suppose, however, that A's cows break into B's pasture, and get with calf by B's grade bull. If they break through that part of the partition fence, which should be kept in repair by A at a place which is not at the time a lawful fence, then A cannot recover damages. If the entire line of fence is a lawful fence, and the cows break through it anywhere along the line, A cannot recover damages—but if they break through that part of the fence which B should keep in repair, at a place which is not at the time a lawful fence, we think B would be liable for damages.

In the states and territory mentioned, where animals break through a lawful fence and do damage, the person injured may bring suit against the owner of the animals and recover whatever amount of damages he can prove. Such a suit may be brought before a justice of the peace in Iowa, Kansas, South Dakota, Minnesota and Oklahoma, if the damages claimed do not exceed \$100. If they exceed that sum, the suit must be brought in a court of record. In Illinois, Nebraska, North Dakota and Wisconsin suit may be brought before a justice of the peace if the claim for damages does not exceed \$200. In Missouri a justice of the peace has jurisdiction of such a suit if the claim does not exceed \$250.

In nearly all of these states the law also gives to the person injured, the right to distrain or take up the trespassing animal, while on his premises and hold it until all damages and reasonable costs for the keeping and feeding, be paid; the details of this proceeding, however, are not uniform in the various states, and are somewhat complicated, so that a person desiring to distrain a trespassing animal, should become familiar with the law of the state where he lives, in relation to the matter, or consult some attorney or justice of the peace in his vicinity. It would require too much space in these columns to publish the procedure applicable to each state. If the owner of the trespassing animal is financially responsible, it is generally just as good a plan to simply sue him for damages as first indicated, as it is to take up and hold the animals, and will in most cases prove more satisfactory.

A. P. Rittenhouse.

Farm Furrows

Turned by a Practical Farmer.

The woman with a gasoline stove and the farmer with a gasoline engine have all of a sudden discovered that the demand for gasoline by automobiles has caused it to slide up a notch or two in price.

Country people believe that as soon as all the high-priced gowns have been made ready it will be time for the horse show to begin in Chicago. Cheap gowns will not make a horse show worth looking at.

When butter gets into bad company it has to go the way old dog Tray went. About a ton of butter in Milwaukee is said to have gotten in the class with limberger cheese and was consigned to the morgue.

A very good swine breeder told me recently that he either had to rear fall pigs in order to keep his sows in good breeding condition or pork them. If he did not rear fall litters his brood sows would get out of breeding condition.

A lady writing from Illinois tells the Furrows man that she usually cuts a piece of cloth or paper that will fit the nursery of her incubator and when the chicks begin to hatch she covers it with sand and since following this practice she has not had a crippled chick. I believe this to be a good plan.

City people ought to be charitable with rural people should they appear ignorant of some city ways when they visit the city. Not long since I was in a city office and I was asked by a city man, "What is a silo?" I told him it was a mammoth receptacle for canning green corn for stock, and he thought I was joking and would not accept it as a fact.

Humus is the organic matter in the soil. It varies in quantity and is easier kept in heavy than in light soils. The clay and sand remain about the same all the time. When soil has sufficient humus it is in a crumbly condition and will not "run together." A large amount of this constituency imparts a dark color to the soil, hence a dark soil is an indication of a good soil.

Now come the news that food adulteration is practiced in Germany just as extensively as in this country. That is awful after that country refusing our pork products. It is presumed that Germany wants to do its own adulterating. The number of prosecutions for adulterating food in Germany have increased from 1,400 to 6,000 in 1903. Who'd thought it?

A farm paper edited by a "real farmer" says to cure lampas in a horse's mouth "feed ear corn." It is barely possible that the writer meant to feed the corn in the ear. When a young man I was told that the lampas was caused by feeding ear corn to horses. The enlargement of the ridges in the roof of the mouth of a horse is caused by indigestion in old horses and by teething in young horses. The cure is plain.

For the past thirty years I have been trying to ascertain when is the right time to gather the turnips. I like to leave them in the ground until cold weather comes—just before the first hard freeze—and yet I have left them out too long many times. One will have to take his chances and gather them according to his own best judgment. If frozen too hard they become pethy and soft. I prefer to have them solid and crisp.

Doesn't the first snow of the season make everything seem disagreeable around the buildings? To go out in the morning and find your hog troughs full of snow and their drinking fountains frozen up; your milk cows humped up in one corner of the yard and the calves that never saw snow before, bawling; the chickens and turkeys stuck in a snow bank; the old pump frozen up, etc.—how happy it makes you feel. It don't take long, however, for the thrifty man to get things in shape and everything comfortable. There is nothing that helps to usher in the winter pleasantly so much as plenty of straw for sheds, pens

and stables. I think there is money in keeping everything bedded well.

Because a boy makes a mistake I never believe in telling him that he will never amount to anything, nor I never point out how smart a neighbor's boy is compared with him. My boys are just as good and just as bad as the other fellow's, and I have no fear but what they will be able to take care of themselves. It pays to encourage rather than discourage a boy.

At one time every boy in our neighborhood owned a fighting dog. For nearly a year dog fighting was a popular amusement. It was finally simmered down to just whose dog was boss, and a certain pug ugly was conceded the championship. The owner of this dog paid me a friendly visit one day and brought the dog along for company. At that time I owned a No. 10 tom cat. As soon as he caught sight of this warrior with so many scars and with many a pelt to his credit he sailed in, and for a few minutes things looked like a

miniature fur factory around there. Honor bright, the cat won against this great champion.

A writer in a magazine attributes the scarcity of hired help on farms to the fact that competition is confined alone to single men. If there were more accommodations for men with families there would be many men who do not have means enough to rent who would make the best of hired help on farms. Some of the best help I ever had on my farm have been men with families and for whom I furnished a house to live in.

An item is going the round of the press that in Wisconsin they are fattening fish on corn, by netting them off in fields in a stream and feeding them grain. I recently read that our European ancestors were wont to fatten them with bran balls and that the fish were enclosed in a bag of wet moss, kept in the water, to prevent the carp from getting in the mud and running off the fat. We may yet hear of some enterprising western farmer driving a lot of

carp in a pasture lot and fattening them on grass.

I have been trying to figure out a place to keep the sauerkraut and so far I have failed to come to a satisfactory solution of the problem. The porch comes the nearest being the ideal place until very cold weather comes. I have found a large stone jar to be better for making sauerkraut in than a barrel. It never leaks—a barrel sometimes does. Nothing fills a house with a more disagreeable odor than a barrel of sauerkraut, whether it be in pantry or cellar.

One of the greatest problems at present confronting the stockmen of the corn belt is that relating to balancing the corn ration. In the future more use must be made of the legumes and we must grow more grain rich in protein. I find that it costs a whole lot of money to buy shorts at \$20 a ton, oil meal at \$32 and takage at \$38 or \$40. Of the three I think the latter is the cheapest food for hogs, because it is so rich in flesh-forming material.



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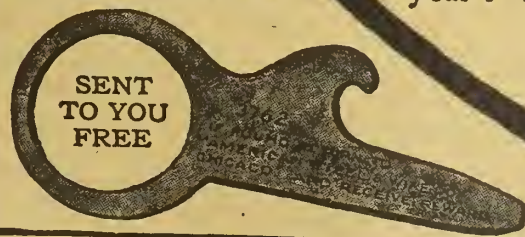
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THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

WORMS IN HOGS.

One of our subscribers sends the following communication:

My hogs are bothered a good deal, with worms. I have used santonin some, but so far it does not seem to do much good. On a bunch of ninety pigs I have used one and one-half ounces of santonin in two feeds; that is, three-quarters of an ounce at each feed, giving one meal between. I have followed this up with a good dose of glauuber salts, but the work has not been thoroughly done yet.

Worms are the cause of a great deal of trouble among hogs, and much of the unthriftiness that prevails among fattening hogs may be traced to the presence of worms. It is almost an impossibility to make wormy hogs gain, and it pays to take the matter up in dead earnest to get rid of the pest.

Regarding santonin, we will say that this is generally effective, though it might be used in rather larger quantities than was the case in this instance. On this subject we beg to quote from the work of Professor Craig, of the Indiana Experiment Station:

Turpentine, santonin and calomel are the drugs most used for destroying intestinal worms. In treating hogs, the best and easiest method of giving the remedy is in the feed. It is best to divide the herd into small bunches of five or ten, and dose each bunch separately. If this is not practiced, all will not receive the proper dose. Powdered preparations like santonin and calomel, that are insoluble, should be mixed with ground feed and fed in a trough. Drugs like turpentine and gasoline, that form an emulsion with milk, are best given in this manner.

Turpentine is a cheap and convenient remedy, especially for the thorn-headed worm. The dose is one teaspoonful for every eighty, or 100 pounds live weight. A very good time to administer it is in the morning after the pigs have been starved for at least twelve hours. Withholding all food for a short time before giving the remedy should be practiced. The dose of turpentine should be repeated daily until three doses are given.

Stockmen will find santonin and calomel very effective remedies for intestinal worms. Five grains of calomel and eight grains of santonin may be given for every 100 pounds live weight. The two drugs should be put up in powders large enough for the bunch of five or ten pigs, and fed in ground feed. A mixture of areca nut and worm seed in teaspoonful doses is also recommended. In special cases it is well to follow the above with a physic.

Where turpentine is used it is necessary to withhold feed, as suggested by Professor Craig, for a period of twelve hours before using it, for two reasons, namely, in order to get the intestines emptied of their contents and also to get the hogs hungry. Turpentine is not agreeable to a hog and you have to get him rather hungry if he will take a teaspoonful in half a pail of slop.

There are a few good worm remedies on the market all the time, and we have no hesitation in asking our readers to consult our advertising columns on matters of this kind. Some time ago, while visiting an experiment station, we noticed a large case of hog worm powders, manufactured by one of our regular advertisers. Upon inquiry, we learned that those in charge of the hogs at that station favored its use very strongly, claim-

ing for it that it would do the work without any danger to the hogs.

However, we are glad to give our readers the opportunity to choose between what might be called home remedies; that is, such ingredients as one can purchase at the drug store, and the commercial worm powder, prepared by those who have made a special study of the business.

FARMERS' SHORT COURSE IN STOCK JUDGING AT IOWA STATE COLLEGE.

The animal husbandry department, of the Iowa State College, will offer its seventh winter short course in stock judging, commencing Monday, December 31, 1906, and continuing until January 12, 1907. This course has been planned to meet the needs of the busy man on the farm. Special attention will be given to the study of live stock judging, pertaining to the various market classes of horses, cattle, sheep and swine. For this purpose the International prize-winning animals belonging to the college will be used. In addition, the best representatives of the various classes of live stock, owned by the leading breeders of the United States, have been secured. This will afford those present an opportunity to inspect the best collection of domestic animals ever brought together for teaching purposes.

Special work will also be given along the line of feeding animals for beef, milk, pork and mutton production. The breeding and management of animals will also be discussed. The division of veterinary science will give a complete set of lectures, pertaining to the methods of combatting the most prevalent diseases among horses, cattle, sheep and swine.

Courses in grain judging, horticulture, dairying and domestic science will be given at the same time.

An entrance fee of \$3 will be charged to residents of Iowa, and \$5 for those from other states, which entitles each person to take either the grain judging or the horticultural course in addition to the stock judging work. Special advanced classes will be held for those who have attended in previous years.

For further information address the Animal Husbandry Department, Iowa State College, Ames, Iowa.

THE BEST METHOD FOR TESTING SEED CORN.

More farmers make a practice of testing their seed corn today than ever before. This has been brought about by the fact that land is so rapidly increasing in value that men can no longer fool away their time tending a poor stand of corn. It has been hastened by some of our station workers who have had time and the ingenuity to make a thorough investigation of the subject and to give the results of their investigations to the farmer. Men like Professors Holden, Lyon, Shammell, Hume, Ten Eyck and Miller must share a good deal of the responsibility of introducing the plan of testing seed corn; that is, the testing of each individual ear.

The plan ordinarily recommended by our station officers simply involves the use of a shallow box and such material as sand or sawdust. It is generally recommended that a cloth be placed on the sawdust and that kernels of corn be put in squares that are plainly marked off on the cloth. Another cloth is placed over this and on top, in turn, some moist sand or sawdust is placed. If all materials are moist, it only requires the matter of a few days to sprout corn, after which the upper cloth is removed and you are all ready for the count.

The plan suggested above is simple in the extreme, but there are a good many who do not like it. They claim that it is too artificial—utterly unlike the conditions that are found in the field. Such persons propose to substitute the plan of testing the corn in actual soil; that is, by burying it to a depth of two or three inches in moist soil and thus giving the kernel an opportunity to show what it can do when conditions approach those found in the field. We have had a good deal of experience in using both methods, and we are free to say that the last one is preferred to the first one. In other words, we like the soil test.

The objection to the plan so commonly recommended by our stations is that when sprouts are two or three inches long it is not always possible to detect a slight lack of vitality in the case of one or possibly two kernels out of the six removed from each ear. In other words, there is so little opposition to

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Briggs, of Hooper, being the purchaser. The great herd bull, Victoria's Duke, went to Mr. J. A. Barr, of York, Neb., and certainly was one of the snaps of the sale. There was rather an over-offering for one afternoon's sale, which forced the selling till quite dark and some of the last cattle sold were sacrificed way below their value. Nevertheless the entire offering was disposed of at a very satisfactory price. Below is the list of those selling above the \$100 mark:

Lot	Name	Price
1	R. L. Briggs, Hooper, Neb.	\$200.00
2	W. Hawkins, Beaver Crossing, Neb.	305.00
3	J. A. Barr, York, Neb.	185.00
4	John Doniphan, Brayton, Neb.	125.00
5	Phil Untitt, Seward, Neb.	125.00
6	Henry McCartney, Gresham, Neb.	100.00
9	Joe Roth, Milford, Neb.	137.50
13	Henry McCartney	142.50
14	Henry Bose, Bradshaw, Neb.	100.00
20	Joe Russell, Seward, Neb.	102.50
22	Henry McCartney	100.00
23	R. L. Briggs	100.00
27	Joe Roth	165.00
28	E. H. Henrickson, Hampton, Neb.	100.00
30	Henry McCartney	127.50
34	Same	100.00
36	Same	130.00
38	Joe Russell, York, Neb.	140.00
46	Anton Tunberg, Hooper, Neb.	130.00
47	Henry McCartney	130.00

SUMMARY.
50 head sold for\$5,200; average.....\$104

LIVE STOCK WORLD'S STUDENTS' CONTEST.

In reply to many inquiries concerning the contest for \$300 cash, offered by The Live Stock World at the coming International, the following general statement is made: Graduate students will not be eligible. Rules of entry governing general students' contest will obtain, except that no entrance fee, subscription or charge of any kind will be necessary to compete for the Live Stock World cash prizes.

Students can enter individually, it not being necessary that a list be sent from each college participating.

Entries should be made, of course, before articles are submitted.

Articles are to be not more than 750 words.

A contestant can select his own subject—cattle, horses, sheep, or hogs.

For any additional particulars, consult the management of the International Live Stock Exposition, to whom articles must all be sent.

Entries can be made any time up to December 5th by applying to the exposition management.

LOW RATES TO THE SOUTHEAST

Commencing December 18th and on the first and third Tuesdays of each month thereafter until March, 1907, the Chicago Great Western Railway will sell one-way colonist tickets at nearly half fare to points in Alabama, Louisiana and Mississippi. For further information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

SEND US THREE NAMES and addresses of farmers who may move west, and we will send you book of OREGON views FREE.

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The Cement Post Proposition.

By H. N. MacDonald.

The manufacture of cement fence posts from cement, sand and crushed stone is a matter of more or less interest to farmers, and some are trying to make their own posts as a matter of economy. To such a few words relative to method of manufacture may not be out of place.

Common line posts are made in various sizes and shapes, and different kinds of re-enforcements are used, while various means of fastening the fence wire to the posts are in use. A line post four by four inches at the bottom, three by three inches at the top and six feet ten inches long, re-enforced with four-twisted No. 12 galvanized wires gives very good satisfaction, though a larger post might be preferable; yet this size carries a fifty-two-inch woven wire fence nicely with posts placed a rod apart.

Owing to the small cross-section of this post and the manner of mixing the cement and sand, it is not advisable to use any large gravel or broken stone, and what might be gained by adding these larger particles is more than lost in the labor of successfully handling them. Sand should be clean and coarse, free from clay or loam, as both retard the setting of cement and if present in large quantities, destroy its adhesive quality. A standard Portland cement manufacturing company tells us that there are three simple ways of telling whether sand is clean or not:

First, rub some between the hands, and if they are badly discolored do not use it.

Second, drop a handful into a pail of clean water; if the water is clear enough to see the sand at the bottom in two minutes, it is "clean."

Third, fill a bottle or glass fruit jar one-quarter full of sand, and add clean water until the bottle or jar is three-quarters full. Shake well and if a layer of mud settles over the sand, do not use it.

The third method is undoubtedly the best. Use the best Portland cement obtainable. Exercise the greatest care in measuring your sand, cement, and broken stone or gravel (if used) always by volume. Go slow and use small quantities until experience has taught you the proper procedure.

A corner post which has stood very severe tests and which on paper figures to withstand a pull of 5000 pounds is

made eight by eight inches at the bottom, six by six inches at the top and eight feet ten inches long, re-enforced with nine twisted No. 9 wires. This post properly made and seasoned, set four feet six inches in the ground, has withstood the pull of a Page woven wire stretcher with the power applied by a strong man until the jacks could not be pulled another notch, and the fence was as tight as anyone would care to have it and much tighter than the average. Corner posts being of comparatively large cross section may be made successfully with the addition of coarse gravel or crushed stone. A post this size will weigh nearly four hundred pounds.

Braces are made four by four inches square, about eight feet long, re-enforced with four twisted No. 9 wires. The brace posts are six by six inches square and six feet long. They are set about four feet in the ground and are not used as line posts.

Sand should be tested to ascertain the amount of cement necessary to fill the voids in the sand. This test may be made quite accurately by filling a vessel of known quantity full of dry sand, then pour in water until the measure is completely filled. The amount of water added (by volume) will be the amount of cement needed to fill the voids in the sand and cement enough to fill these voids must be used to secure the best results.

Molds for the manufacture of these posts will vary in cost, depending largely upon the method adopted for fastening the fence wire to the post, and the cost of the posts will vary greatly because of the difference in the cost of the material at different points. Some places sand, gravel and crushed stone are obtainable at very low cost, while in a district of eight or ten miles the cost of sand alone will vary from fifty cents per yard to \$1.80 per yard.

The posts can be manufactured by the farmer on the farm, yet if many are to be used it would be much better to let the job to some cement worker who could fit up with the necessary molds, etc., and allow him to do the work. This would secure a more uniform product, cheaper cost of re-enforcement because purchased in large quantities, and very likely greater satisfaction to all concerned.

JAMES J. HILL CONDEMNNS ELEVATOR MEN.

James J. Hill, of the Great Northern railway, was placed on the stand last week in Minneapolis by the Interstate Commerce Commission, the object of the commission being to ascertain the relation between railroad companies and grain companies in the northwest.

Mr. Hill in the course of his testimony said that elevators are continually threatening the farmers unfairly. When Mr. Hill was asked if his railroad extended equal privileges to all in the matter of erecting elevators, he said:

Yes, it is our rule to permit anyone to erect elevators at stations of our road on the right-of-way. We now make our contracts, however, not transferable, as we have found instances where such applications were not made in good faith and afterwards sold at a good figure. We have found trouble in keeping elevators from combining and sometimes in tracing down applications for elevator sites, have found different applicants to really represent one interest. When we have found objectionable elevator combines we have sometimes built elevators of our own and placed some man in charge. In such instances the combines have tried to freeze our man out. We have such an instance at Litchfield, but were able to help our man

out. But that, gentlemen, was before the passage of the interstate commerce law.

In regard to the Great Northern's terminal elevators at Duluth, Mr. Hill stated his company did operate them, but that because of the Wisconsin law requiring grain in that state to be inspected by Wisconsin inspectors, these elevators were now leased. They are located on Wisconsin ground.

I think it is a great detriment to business that we cannot control the unloading of grain. I think the best thing for a railroad is to have its own terminal elevators, unload into them and include the charge for so doing in the freight rate. By our building Duluth terminal elevators we have reduced for the shipping farmers the elevator charge from one cent to one-half cent a bushel. This included unloading into the elevator, a short storage and loading into boat for shipment through the lakes. We cleaned, but did not mix the grain.

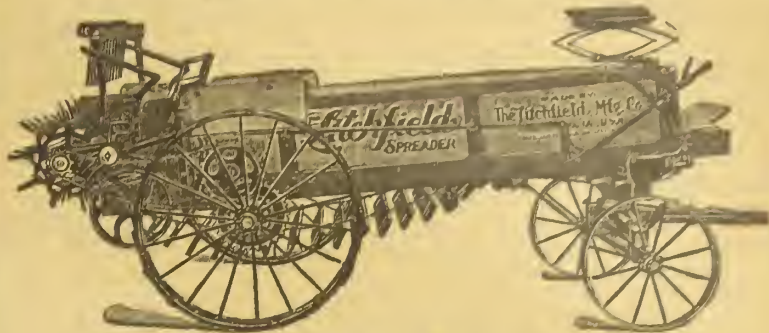
Mr. Hill thought the present legal method of handling grain is wrong, but the farmer is the victim of the speculator. He said every receiving elevator should devote itself to simply that business; that the operating in grain should be another separate business, and that the business of the grain mixer should be still another separate business. Mr. Hill thought the building of elevators of much greater capacity in Minneapolis would not relieve congestion of grain traffic, but he did think the action of the state grain commission in sending inspectors as far out as one hundred miles to inspect grain was a good move in this direction. He strongly criticized the state law which legalize sharp practice of grain mixers.

KILLING HOG LICE IN COLD WEATHER.

The following communication has been received from a subscriber, Mr. L. A. Peterson, of Boone county, Iowa:

You have had considerable to say in your columns during recent times on the subject of destroying hog lice. I have never read your advice for the reason that I have

Judge For Yourself.



THIS IS OUR MOTTO.

THE writer well remembers in early boyhood days of being floated into the land of dreams at evening time by the story about the sheep. The story was about a drove of sheep going through one of the old-fashioned, wooden, covered bridges and about one sheep jumping through a hole in the side of the bridge, and every other sheep, one at a time, following where the leader went, all being annihilated in a reckless, ceaseless, foolish rush to do what others have done before, without consideration and without judgment.

We see about us daily the wonderful propelling force of fashion. We see the shallow-brained girl dancing after the man's hat, his stand-up collar and tie and holed shirt-front, and following this comes the masculine dude rapidly gravitating towards the toothpick shoes, corset-waist overcoat, and hair parted in the middle.

What has this to do with Manure Spreaders? Just this, that we don't want you to buy a Litchfield Machine, simply because thousands of others are buying them, nor because it is rapidly becoming the fashion to own one of these Spreaders instead of some other make. On the other hand, we don't want any of our friends to be so closely tied to old, out-of-date, back-number, fossilized ideas as to not be broad enough to appreciate the "modernism" of the Litchfield Spreader.

When this machine was designed, the old, foggy notions that existed many years ago in the spreader manufacturing business seemed to be entirely out-of-date, and something better, something more in keeping with this modern age and the general march of humanity was sought for.

As an example and comparing the modern Litchfield Spreader with the ancient machines, we sight our readers to the present perfect working, endless conveyor that takes the place of those old style affairs that were part of the first machine ever invented. We call attention to the single, and only, lever on our spreader, which takes the place of from six to a dozen levers that are now in use on the old-style machines, and which were considered absolutely necessary twenty-five years ago.

We wish also that our steel wheels shall be noted and compared with the old-style, narrow-tired, wood-spoked and castiron hubs of ancient make which have been so religiously adhered to by other manufacturers.

These and a dozen other modern improvements not found on any other make of spreader today indicate the way the Litchfield Manufacturing Company have stepped out of the old rut and are giving their customers a modern machine of individual merit. Continued next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

never had any lice until lately. I find now that my hogs are considerably infested and would like if you would give me some directions how to proceed to destroy them.

We have been untiring in our efforts to propagate sound doctrine concerning the destruction of hog lice during the summer and early fall months, for the reason that it is always a very difficult matter to handle in cold weather. It pays, and pays exceedingly well, to make a practice of dipping or spraying hogs at least once a month during the summer and fall months. We have found from experience that the coal tar products are exceedingly effective in the destruction of lice, and all the experiment stations are recommending their use to farmers. They are non-poisonous, non-irritating to the skin, though exceedingly deadly to lice.

Cold weather or no cold weather, if one has lice in his hogs now he must get after them. We have known men who have been exceedingly successful in using kerosene, and on the other hand we have known instances where the use of kerosene has resulted in taking all the hair off hogs. By thoroughly cleaning out the sleeping quarters and disinfecting with a good coal-tar product we believe that the hogs will naturally free themselves. If the quarters are lousy no amount of spraying or dipping will eradicate the nuisance.

This is a subject that we would like to have discussed by our readers. Those who have made a practice of using such substances as lard or kerosene on their hogs in cold weather are invited to give the result of their experience through these columns. Those who have made a practice of disinfecting the quarters during the cold weather and have succeeded in stamping out this pest by such a plan are also invited to give their experience. As said before, it is not a difficult matter to destroy lice when the weather is warm, but it is more or less of a complex problem when the weather is cold, as one has to be very careful about spraying or dipping hogs when the temperature is low.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for 25 years.

CHICAGO EXCURSION.

Daily from December 1st to 5th the Chicago Great Western Railway will sell round-trip tickets from all stations to Chicago and return at rate of one fare plus \$2 for the round trip, with limit to return of December 10th. Impossible to get better service. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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Are the only Fur Coats made that have a two year written Guarantee.

NOT one skin is used in a Cownie coat that is not taken off in Dec. or Jan. when the fur is the best. Not one drop of strong acid or chemicals is used in the tanning of these hides. That's why we can guarantee a Cownie Coat twice as long as any other fur coat made. If your dealer cannot supply you write us.

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DES MOINES, IOWA.

Every Farmer and Stockman



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SEND YOUR HIDES TO US. They are valuable. Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cownie Glove Co., Des Moines, Iowa

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The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE-WILLIAMS CO., Cleveland, O.

CORN IMPROVEMENT.

BY VICTOR FELTER, WASHTA, IOWA.

At the present time farmers of the corn belt are growing corn at a cost of from eighteen to twenty cents per bushel. If they could double the yield, or rather produce as much on one acre as is now grown on two, the cost per bushel would be almost cut in two. An average yield of about thirty-five bushels is almost a humiliating record in a corn belt state, because the soil of this locality is capable of practically doubling this yield.

If we contemplate increasing our yield we must look first to the quality of our seed, and then prepare a better seed bed and employ more improved methods of cultivation. But the one factor above all others that I would emphasize as having to do with the increase in the yield of our corn is the selection of better seed. It is not uncommon to find what we call our improved corn yielding almost twice as much as the common varieties, and bear in mind that up to date such improvement as has been made in our corn has largely been brought about by selecting seed to conform to certain standards. The best results can only be obtained when each stalk of corn is grown from a good kernel, which in turn must have come from a good ear. Most of us fail to realize to what extent the good or poor quality of an ear of corn is transmitted to the resulting crop. This is shown very plainly by planting several ears equally good in outward appearance, in separate rows side by side, and watching their growth and development. Some stalks will grow very tall, others will have very broad leaves, while in the matter of yield one may give twice as much as the other.

We have started the plan of growing a few rows, using the seed of but one ear in a row. We have found that the yield this year varies from forty to

ninety-six bushels per acre. Of course, all corn from the low-yielding rows is discarded and we keep only seed from those that give a good yield.

The score card in recent years has come in for a good deal of discussion. It is simply a means of directing the attention of the unskilled to each particular part of the ear. The score card, the corn show and the seed corn train should be given credit for at least a part of the increase in yield in the central West during the last few years. All this has simply called attention to putting skill into the work of selecting seed without giving much attention to the character of the stalk on which the ear was grown. The time is coming, however, and is not far off, when the most progressive corn growers will give more attention to the selection of the seed ears in the field. Barren stalks and suckers must not be allowed to pollinate the plants from which seed is to be taken.

In selecting seed from its outward appearance success is largely due to one's ability to keep the same type in mind from year to year. The leading qualities to be recommended in a variety suited to general purposes are: High percentage of shelled corn, soundness of ear and kernel, large germ and well-shaped kernels, as well as uniformity in size and shape of ear, and the color of course, should be pure. We must give the score card considerable credit for raising the standard in the quality of the seed supply selected by a very large number of farmers in the corn belt, but let us give increased attention to breeding methods by which such results are produced. There are always plenty of hard problems for the man behind the plow to solve, and it is this necessity for high thinking that gives dignity to agriculture as an occupation.

Spreading Sound Live Stock Doctrine.

The following communication has been received from a Nebraska subscriber:

I am very much interested in the work that is being done by Professor Holden and others along the line of corn improvement. The idea has occurred to me that it might be practicable to inaugurate a similar campaign in behalf of live stock improvement. If experts could travel about from place to place and appear before farmers' meetings with creditable specimens of horses, cattle and hogs it would accomplish more in the course of a few months than would otherwise be brought about in years. The experience along the line of seed corn indicates that farmers are eager to pick up information of this kind. I feel sure that if applied to live stock, good sound teaching with the specimens before the farmers would be just as interesting and the teaching would be just as effective as it has been in the case of corn.

This appeals to us as being an entirely practicable proposition. Practically all of the railroads of the corn belt have been covered by the so-called "corn special" trains, and it is acknowledged on every hand that these have resulted in increasing the yield of corn. There need be no difficulty whatever connected with the proposition of taking improved pure-bred animals from one point to another for purposes of demonstration. If two or three hours could be spent at each town along a given line of railroad, examining good pure-bred hogs, horses and cattle, it would leave such an impression on the minds of farmers that much good would certainly result. It would above all things emphasize the need of using pure-bred males. At the same time, it would equally discourage the practice of using inferior pure-breds, as well as grades. Not but what farmers realize at the present time the virtue that is found in pure-bred blood, but rather that it would emphasize this matter and thereby encourage the use of more of it.

It has been claimed that the work in corn has already resulted in increasing the yield in one or two states to the extent of five bushels per acre. If a 5-per-

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FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 32-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.
DRS. THORNTON & MINOR, 3969 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

that the farmer who in the future raises improved stock will be remunerated for his labor and for the special knowledge he puts into his business.

This is a matter that could no doubt be taken up by our experiment stations. Most of these institutions have already inaugurated what they call extension courses, the object being to teach farmers the scientific principles underlying crop production. Let us also have a few experts to take up the live-stock end. Railroads would no doubt gladly co-operate in a matter of this kind.

The Week in Kansas.

The price of being able to report something different has been paid in a snow storm, the like of which is unusual for sunny Kansas. This storm was undoubtedly "primed" by the stiff wind of last Friday. On this day the wind fairly "raised things." Tops of hay stacks were lifted bodily and dumped to the northeast of the stacks. Aside from this it did no damage. The next two days, Saturday and Sunday, the wind did stunts of getting slowly from the southwest to the northeast, going around by the northwest. Sunday was a raw, chilly day, but towards evening the temperature moderated, and the early onlooker was greeted with a whitened landscape, Monday morning.

All day Monday it would snow a little, then stop for a while. Monday night, also, more or less fell, and the greater part of Tuesday was devoted to snowing and not snowing. Wednesday morning witnessed the breaking away of the storm. The sun shone out clear and bright in a very few moments after a squall of thick snow had blown past, and since then sunny Kansas has been living up to its name.

In all probability six to seven inches of snow fell. For two nights the weather has been unusually cold for this sea-

son of the year. Ice has frozen on the ponds hard enough to hold up stock, something wholly out of the ordinary for Kansas. The daily papers have made a great blow about "the blizzard in Kansas," and northern folks are probably congratulating themselves that they do not live in the sunflower state, after reading these exaggerated reports. It does seem strange that this state cannot have a gentle fall of snow without the newspapers calling it a blizzard.

When the storm was more of a rain and sleet than snow, freezing on as it fell, it was tough on stock not sheltered under a roof, but since the sun has shone it has been weather such as only creates a fine appetite. Perhaps the daily papers will even tell of "stock dying," but we know nothing of it. If any have, it has probably been through the butcher knife route, to furnish a fitting return for the "prodigal son," on Thanksgiving day.

Much corn remains to be husked. The moisture from the snow, which shows signs of disappearing entirely today and tomorrow, will make the fields nasty, and the corn frosty during the forenoons, but the wheat-raiser reasons that the snow is worth all it cost, and that there will be plenty of good weather yet in which to husk the remaining corn.

Henry Hatch.

Coffey Co., Kan., Nov. 23, 1906.

CITY TICKET OFFICE, 512 WALNUT ST.
When you think about traveling call at City Ticket Office of the Minneapolis & St. Louis R. R. (in with the Wabash), at 512 Walnut St., where you will secure the best and latest information. Don't forget the M. & St. L. sells through tickets via St. Paul, over the Northern Pacific, Great Northern, Soo Line, as well as all northern routes. Trains leave Union Station, Des Moines, 8:15 a. m. except Sunday, and 9:05 p. m. daily. Solid through trains to Twin Cities. We are the SHORT Line to Minneapolis. Cafe car on morning train, serves dinner and supper. Night train has new electric lighted sleepers. All cars nice and comfortable. W. K. Adams, D. P. A., D. B. Ransburg, C. P. A., Des Moines, Iowa.



The Missouri Auction School, Trenton, Mo. The second term opens January 1st. The first term started with double the enrolment of any other school. Write for catalog. The faculty and students are: 1 Col. C. E. Bailey, Dunlap, Mo.; 2 Col. U. Z. Sheppard, Melbourne, Mo.; 3 Prof. G. A. Hendrickson, Shenandoah, Iowa; 4 Col. C. A. Ewing, Lathrop, Mo.; 5 Col. W. B. Carpenter, Trenton, Mo.; 6 Col. D. F. Carpenter, Osgood, Mo.; 7 Prof. W. A. Rickenbrode, Trenton, Mo.; 8 S. Sheldon, M. D., D. V. S., Trenton, Mo.; 9 Wm. Graham, Eldorado, Kan.; 10 J. C. Lehigh, Trenton, Mo.; 11 T. J. Hughes, Trenton, Mo.; 12 R. A. Ingraham, Trenton, Mo.; 13 Adolph Helm, Tindall, Mo.; 14 Leith Hendrickson, Shenandoah, Iowa; 15 C. C. Leazenby, Cainsville, Mo.; 16 Lewis Cassidy, Lea, Ia.; 17 W. A. Gossett, Pleasant Valley, Ore.; 18 A. E. Johnson, Strausberg, Mo.; 19 J. W. Combs, Mercer, Mo.; 20 James Stokes, Cameron, Ill.; 21 Joe Cook, Everett, Wash.; 22 H. E. Turner, Kirksville, Mo.; 23 W. H. Calvert, Green Ridge, Mo.; 24 C. C. Collins, Trenton, Mo.; 25 Max Krutz, Rockport, Mo.; 26 Claud Beishe, Trenton, Mo.; 27 W. H. Johnson, Spickard, Mo.; 28 C. O. Golden, Harris, Mo.; 29 S. G. Garnand, Spickard, Mo.; 30 J. M. Bates, Sbelbina, Mo.; 31 J. W. Hughes, Trenton, Mo.

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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

WRITTEN CONTRACTS.

All contracts for the sale or conveyance of real estate or any interest therein except leases for one year or less, must be in writing and signed by the parties, otherwise they cannot be enforced by law, and damages cannot be recovered for the violation of them.

Contracts which are by their terms not to be performed within one year must be in writing and signed by the parties in order to be binding upon them. The limitation of one year in such contracts, means one year from the time the contract is made, and not one year from the time performance of it is to begin; for instance, suppose a contract be made on the first day of December, 1906, between A and B by which A agrees to work for B for one year beginning on the tenth day of December, 1906. This contract would have to be in writing and signed by the parties, because by its own terms it could not be performed within one year from the time the bargain was made. If A and B agree on December 1, 1906, that A is to work for B one year beginning on that day, such agreement need not be in writing.

LAW QUESTIONS CONSIDERED.

DEAD SHOATS—LOSS.

A Subscriber, Wichita, Kan.—A and B had a contract by which A furnished shoats for B to feed and B was to have what he put on the shoats in weight for his compensation. The shoats when weighed to B averaged fifty-six pounds and when fattened by B's feeding they averaged 200 pounds. Some time during the feeding period two of the shoats died. Who should lose the original weight of these two?

Answer—If the death of the two shoats was caused by the fault of B he should lose the weight, but if not caused by his fault, A should lose it.

LIFE ESTATE—ESTATE TAIL.

Mr. J. S. Frazier, Mo.—(1) A raised three children and was divorced from his wife. He made settlement with her in full. He now has property of considerable value. Suppose he wills this property to the three children and their body heirs, can said children allow it to be sold for taxes and buy it in, and so get title which will enable them to sell the property free from claim of the body heirs? (2) Suppose A's children should all die, leaving no body heirs, who would inherit property willed to them and their body heirs?

Answer—(1) If the supposed body heirs be living at the time when the tax proceedings are taken, and are duly served with summons therein, and the tax proceedings are regular, then if the children buy the property at the tax sale, and convey it afterwards to a third party, such third party will have good title which cannot be defeated by the body heirs of A's children. If, however, the body heirs of A's children be not duly served with summons in the tax proceedings, or if they are born after the tax sale, in either such case we think they could bring an equitable ac-

tion for redemption against the person who holds the land by title derived from such tax sale and recover it, by paying all back taxes, interest and costs. (2) In such case, the property would go to A's heirs—that is to say, his next of kin.

MECHANICS' LIENS—KANSAS.

A Reader, Harveyville, Kan.—Within what time, after a building is completed, must a carpenter file a mechanic's lien?

Answer.—If the carpenter was the contractor or sub-contractor for the construction of the building, he must file his lien within four months from the date of the last item of labor performed under the contract. If the carpenter was merely an artisan or laborer on the job, he must file his lien within sixty days from the last item of labor he performed.

NATURE OF DOWER INTEREST.

A Subscriber, Bushnell, Ill.—A man married a woman, and she died, having no children. Her mother has a dower right in eighty acres of land. When the mother dies, will the surviving husband of her daughter become heir to part of the mother's share?

Answer.—The man could never become an heir to anything the mother of his dead wife possesses; besides the dower interest of the mother in the eighty acres of land will cease when she dies. A dower interest is only a life estate. When the person who has it dies, the interest ceases to exist.

GRANT OF EASEMENT.

A Subscriber, Castana, Iowa.—A and B own land jointly. B wants to sell his interest in it to A, except a narrow strip, which both of them want for a private road. How should the papers be drawn to effect such an arrangement?

Answer.—B should convey his undivided interest in the land to A by an ordinary warranty deed, and thereupon A should execute a grant deed conveying to B, his heirs and assigns, a perpetual easement in the strip of land, that is to say, the right to use it in common with A and his successors in the title as a private way. It will be advisable to have a lawyer prepare the papers—the two deeds.

ORAL CONTRACT NOT GOOD.

A Subscriber, Elwood, Neb.—I have been renting a piece of land from my neighbor for three years, having a lease each year. In July, last, I asked the owner of the land if I could rent it for the season of 1907. He said I could have it. There was nothing said about making a written lease, and about three weeks afterward he sold the land and notified me I could not have it. He acknowledges renting it to me and I also have a witness to it. At the time of our talk in July, I could have gotten other land for 1907, but now I cannot get the other land, and it means considerable loss to me. Have I any remedy at law?

Answer.—You have not. You cannot compel the land owner to rent you the land for the season of 1907; neither can you recover damages from him because he now refuses to let you have it. The reason of this is that such a renting contract as you mention must be in writing in order to be binding and valid.

OUTLAWED NOTE.

A Subscriber, Keota, Iowa.—A gave his promissory note to B in Missouri, and then A left the state and went to Iowa. (1) What proceedings must B take to collect the note from A? (2) In case A has been out of Missouri for ten years, is the note outlawed so B cannot collect it?

Answer.—(1) If the note is not outlawed B can have suit brought on it in the county in Iowa where A lives and recover judgment against him and collect it if A is financially responsible. B would have to employ some lawyer in

IOWA STOCK FOOD

TRADE MARK

FREE!

To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing.

Zearing, Iowa, July 13, 1906.

Gentlemen:—I purchased some of the Iowa Worm Powder last February and I don't think I ever made a better investment. The Iowa Worm Powder can be depended upon. I had some of it left that I fed to my spring pigs and it surely done the business.

I gave your Mr. Deal an order today for some more of the Worm Powder, as I want it on hand. An occasional feed of it keeps the worms from accumulating in my pigs. Feeding to prevent sickness beats curing after pigs are sick. Most of the pig losses are due to worms and the Iowa Worm Powder is sure death to worms.

Truly yours,

Alex. Norman.

Address Department A.

IOWA STOCK FOOD CO.
Jefferson, Iowa.

Iowa to conduct the proceedings. (2) A note becomes outlawed in Missouri in ten years after it is due but the time during which the maker of it is out of the state, is not counted in his favor, if he comes back and is sued in the state—but if A has been in Iowa ten years after the note becomes due, it is outlawed in Iowa, and suit on it there could be defeated by the statute of limitations.

HUSBAND AND WIFE.

An Illinois Homemaker—A woman worked two years as housekeeper for a man and his child in Illinois for wages, which the man has not paid. After this period of service she married the man. Before the marriage she loaned the man a sum of money and took his note therefor, which he has never paid. (1) Can the woman recover by law the wages she earned before marriage? (2) Can she collect the note by law?

Answer—(1) She can recover a judgment against the husband for the wages she earned by working for him before marriage. (2) If the husband has property sufficient, not exempt from execution, she can collect the note by law.

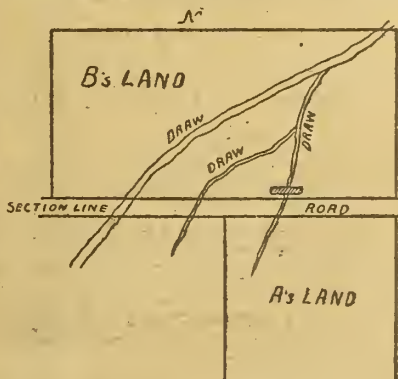
FIXTURES IN HOUSE AND BARN.

Mr. Edwin Jones, Troy, Kan.—A sold his farm to B. There was in the house at the time of sale a mutual telephone instrument, and in the barn, ropes and hay fixtures. Nothing was said at the time the bargain was made about any of these things. Can A take away the phone and the ropes and hay fixtures?

Answer.—We think the phone instrument is not a fixture and that A can lawfully remove it when he gives possession of the place to B. As to the ropes and hay fixtures there is some doubt. If they are firmly attached to the barn as a permanent improvement thereto, they would belong to B; if not so attached, they can be lawfully taken away by A.

SURFACE DRAINAGE—WATER COURSE.

A Subscriber, Central City, Neb.—A and B own adjoining lands, both being in cultivation. Several draws run through B's land, one of which heads in A's land, as shown in the accompanying diagram. These draws carry water during heavy rains. A section line runs between these tracts of land, on which is a graded public road with a ditch on each side of it. In flood times



water runs along the road ditch from the west draw to the east one. B has built a dam across the easterly draw, which heads in A's land, and carries but little surface water during rains. This dam is constructed wholly on B's land, just north of the road, and it has the effect of backing water through the culvert at that point, upon A's land, which injures his crop. (1) Can A compel B by law to remove the dam? (2) Has A a good case for damages against

B? (3) What constitutes a water course in law?

Answer—(1) We think not. The common law rule in reference to surface water prevails in Nebraska. Under this rule surface water is regarded as a common enemy, and every land owner has a right to take any measures necessary to the protection of his own property against it, even if in so doing, he throws it back upon an adjoining owner. (2) For the same reason, we do not think that A has a good case for damages against B. (3) To constitute a water course the size of the stream is immaterial. It must be a stream in fact, as distinguished from mere surface drainage, occasioned by freshets or other extraordinary causes, but the flow of water need not be constant.

Best by Test.

The Combination Oil Cure for Cancer and Tumor has its imitators. Beware of them. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

TOOLS IN THE HOME.

Everyone knows in a general way the usefulness of tools, but few seem to realize how much expense and inconvenience can be saved by having a tool cabinet in the house. Repairs can be made at once, shelves put up, screens made with but little practice or experience, and the price of the cabinet can be saved dozens of times over.

The main requirement for good work is that the tools be good tools.

Keen Kutter Tool Cabinets are made to fill adequately the needs of the householder. They contain various assortments of tools, every one belonging to the famous Keen Kutter brand.

These cabinets are beautifully finished, and are fitted with racks and hooks for every tool, keeping them from knocking against and damaging one another. They are well supplied with drawers, which contain numberless little helps that you would rarely find in the ordinary home kit.

Keen Kutter Cabinets come in different sizes and prices from \$7.50 to \$100, according to the number of tools in the set, and may be found at the leading hardware stores. The smallest contains just the tools that are absolutely indispensable, and the largest a complete set, sufficient for any kind of work.

They all contain, however, in varying numbers and varieties, saws, brace, bits, chisels, drills, gimlets, brad awls, scratch awls, planes, hammers, hatchet, files, pliers, drawing-knife, screw-drivers, wrenches, nail sets, reamers, rules, squares, tape, level and many accessories.

The Keen Kutter Tool Cabinet Booklet will be sent free to anyone writing for it to Simmons Hardware Company, St. Louis and New York, U. S. A.

A Knox Big Grinder

Will Make \$6.00 a Day for You



THERE'S nothing like it for a neighborhood feed grinding proposition.

You know lots and lots of your neighbors grind their feed—rather they take it to the custom mill and have it ground.

If you have a fast grinding mill like the Big Knox you can get nearly all that trade that passes your place.

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Mr. B. C. Bennett, Ashawa, Iowa, writes: "I can grind 50 bushels shelled corn per hour with my Knox Big Grinder. Made \$6.00 in 5 hours grinding for my neighbors."

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You can buy a Knox Big Grinder direct from us for \$23.25. Such a mill, bought of a local dealer, costs \$40.

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You are welcome. See for yourself its strength, its light draft, simplicity, its cup oil bearings, why it can't wear out. Just one set of burrs has ground 10,000 bushels.

You ought to have it. Write for free catalog today.

Echoes From a Kansas Farm

By Henry Hatch

Having but a day and a half left of corn husking, we "took a day off" today and went to a neighborhood sale. It does no one harm to attend a sale once in a while, whether he wishes to buy anything or not.

The public sale is no longer a place where bargains hunt for takers. Everything put up today brought every cent it was worth, and many things sold for more than we would give; thereby, no doubt, showing our poor judgment.

These are prosperous times. Anyway, the people have money, and most everything they buy is paid for in cash. Times have been when hardly one-fourth of a sale would be taken in cash. Now we have records of many sales in this county where every cent of a three or four-thousand-dollar sale was paid in cash. This spells prosperity.

This is November 14th, and the question heard most at the sale was: "Got through huskin' yet?" The answer was invariably the same, "No." In the seven miles of road traveled to get to the sale we did not see one-half of the corn husked. One or two farmers had not yet started cribbing. There are folks who seem to dread husking to the extent of putting it off as long as possible.

We did not pass a field of corn today, a part of which was listed and a part not, but what that listed was the poorest by from five to ten bushels to the acre. We saw fields of listed corn that were better than fields of top-planted, but they were on different farms where different farmers lived. Given a fair test, side by side, and for our eastern Kansas soil, plowing and top planting will raise the best corn in almost any year.

Never have we had a better fall for feeding cattle than this one. The weather has been dry and fine. Every pound of grain has done the maximum of good, gone right to the right spot, as the saying is. We hardly realize what a wet, nasty, rainy spell of weather loses us at this season of the year, until we do some feeding under conditions that are ideal, and see how much more is gained with the same amount of feed.

We have heard of no one losing money full-feeding either cattle or hogs this fall. No one is complaining. People have even forgotten "the beef investigation business." As a rule, farmers are not the class of people to squeal without just cause. There are some folks who are not satisfied, even with a fair profit, but give the majority of the farmers a fair, square deal, and you hear no complaining.

We would like to say to all readers of this paper that if they write to us and expect a personal reply, they would find no one more ready and willing to give it if time permitted, but anyone who has tried it knows that farming a considerable acreage of land in these times of scarcity of help, and with other work to do on the side, does not give a fellow

much time for answering personal letters. If questions are asked that may be answered through the paper, all well and good, but if otherwise, please do not blame us. A thick pile of unanswered letters lying on our desk now, furnished the inspiration for this paragraph.

We often get letters from folks who have a few hundred dollars they wish to put into a home, preferably, so they say, in Kansas. In almost all cases they want to buy bigger than they should, considering the amount of cash they have. We believe in a man getting a home just as soon as he is able to make a fair payment on forty acres of land, but we do not believe in using the money that should be used in buying just forty to make a payment on 160 acres.

It is better to own even twenty acres of land, with a small house on it and a few other necessary buildings, than to rent the land and a home of another. The sooner the majority of the people now renting farms understand this, the better it will be for them. The best advice anyone can get now is to buy a home, but don't put a little money into a lot of land. It is best to buy no more than can be half paid for at the beginning. It is better to buy forty acres with what money you have, and pay out on the farm in a very few years, than to put the same amount of money into 160 acres and eventually lose it all.

We have all got to get used to farming fewer acres and farming them better. It is what we have been practicing for the past five years. In this length of time we have cut down our acreage of corn each year, but the total number of bushels raised from each crop does not grow much less. There is more profit in raising 1,600 bushels of corn from forty acres than 1,600 from eighty acres. "Hog farming" won't win much longer.

MEETING OF THE IOWA STATE BOARD OF AGRICULTURE.

The annual Iowa State Farmers' Institute meeting and agricultural convention will be held this year in the rooms of the Department of Agriculture, Capitol building, Des Moines, on Tuesday and Wednesday, December 11th and 12th. For these dates the following program has been prepared:

Tuesday, December 11th, 9:30 a. m.—Address of welcome, Hon. Lafayette Young; response, Hon. B. W. Newberry; "Farmers' Co-operative Associations," C. G. Meserole, secretary Iowa Farmers' Co-operative Association; "Development of Eastern Agriculture," H. W. Collingwood; "What the Farmers' Institute is Doing for the Farmer," Don L. Berry. 2:00 p. m.—"The Draft Horse; Will it Pay the Average Farmer to Keep Pure Bred Draft Mares?" W. J. Kennedy; address, "Railway Freight Rates," Hon. A. B. Stickney, president C. G. W. Ry. Co.; "What the Iowa State College is Doing for the Boys and Girls," C. F. Curtiss; "Poultry on the Farm," Mrs. Harriet W. Ashton; address, "The Chicago Live Stock Market," (an address will be given, or a paper read, by a member of the firm of the Chicago National Live Stock Association of Chicago).

Wednesday, December 12th, 9:30 a. m.—Meeting of state agricultural convention; appointment of committees—resolution, credential and special; address by president of the state board of agriculture, W. W. Morrow; report of treasurer, G. D. Ellyson; report of secretary, J. C. Simpson; address, Gov. A. B. Cummins; "The Up-to-date County Fair; How it Can be Useful to the Community," E. A. Larson, secretary Montgomery County Fair; "Does it Pay to Show Hogs at the



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Iowa State Fair?" W. Z. Swallow, for forty years an exhibitor at the state fair.

In connection with the Institute, the usual corn exhibit will be made. There will be four classes for each of the three districts of the state; that is, the northern, southern and central districts. In each district there will be five prizes offered for the best ten ears of large yellow corn, best ten ears of small yellow corn, best ten ears of large white dent and best ten ears of small white dent. The prizes are: \$12, \$10, \$5, \$3 and \$2. There will also be a sweepstakes prize of \$20 and medal, competition limited to the first-prize corn entered in the separate lots, and there will be a \$10 prize and medal for the best ear of corn, any variety, from any part of the state. All corn must be in place by 12 o'clock, noon, Tuesday, December 11th. Entries should be made to John Simpson, State Capitol, Des Moines, Iowa.

Railroad rates will be adjusted according to the certificate plan, so that all parties who contemplate being in Des Moines during the week of the Institute, should secure a railroad certificate when ticket is purchased. If more than one line of railway is used, obtain a certificate from each line you travel on.

John Blain Makes Good Sale.

The sale of Poland China hogs made by Mr. John Blain, of Pawnee City, Neb., was certainly a great success. A large crowd of buyers from five different states were present to see one of the best offerings of the season. Mr. John R. Triggs, of Dawson, Neb., topped the sale at \$190 for No. 26, a fine young boar that much is expected from later on by good breeders. Of the fifty-five head cataloged every animal was sold and sold at satisfactory figures. The average on the whole consignment was \$53.80, which we consider one of the best averages made on a like number of young pigs in a long time. We regret very much to state that the report of this sale was mislaid and therefore was not reported in proper time. The list of buyers at this sale is as follows:

No.	Price.
1 Boar, Frank Davis, Holbrook, Neb.	\$66.00
5 Boar, John Mosier, Berwick, Kan.	46.00
10 Boar, Elija Story, Kewanee, Kan.	170.00
11 Boar, John S. Johnson, Stanton, Neb.	142.50
42 Boar, Albert Smith, Superior, Neb.	100.00
Neb.	100.00
15 Boar, O. E. Peret, Centralla, Kan.	100.00
39 Gilt, Albert Smith, Centralla, Kan.	35.00
32 Sow, L. L. Hedgling, Boelus, Neb.	35.00
25 Boar, John Triggs, Dawson, Neb.	190.00
30 Gilt, W. P. Wolf, Kewanee, Ill.	60.00
18 Gilt, Wm. Lentz, Ankeny, Iowa.	72.00
3 Gilt, F. R. Barrett, Cadams, Neb.	52.50
23 Gilt, A. Steinkamp, Manley, Neb.	39.00
28 Boar, Carl Jensen & Son, Belleville, Kan.	75.00
4 Gilt, Elija Story	54.00
33 Gilt, W. A. Prewett, Asherville, Kan.	39.00
4 Gilt, W. D. Hartwell, Pawnee, Neb.	35.00
40 Gilt, Gus Aaron, Leavenworth, Kan.	40.00
20 Gilt, J. S. Johnson	51.00
14 Boar, John M. Cox, Harlan, Iowa.	125.00
37 Gilt, J. C. Dort, Pawnee, Neb.	35.00

27 Gilt, E. M. Jenkins, Byron, Neb.	51.00
12 Boar, F. H. Connelly, Milford, Neb.	71.00
13 Boar, John Perrin, Rogers, Neb.	62.00
2 Boar, H. H. Martin, Sabetha, Kan.	42.00
6 Boar, J. A. Brown, Pawnee City, Neb.	37.00
17 Boar, W. B. Allen, Conway, Iowa.	49.00
21 Boar, J. F. Sladik, Western, Neb.	36.00
26 Boar, Fred L. Rood, Clearfield, Ia.	49.00
29 Boar, Boar, A. Steinkamp	63.00
9 Gilt, Frank Fisher, Virginia, Neb.	37.00
41 Boar, George Burg, Pawnee	31.00
43 Boar, Frank Fisher	52.00
45 Boar, John Harold, Lewiston, Neb.	32.00
24 Gilt, Jao S. Johnson	31.00
46 Boar, L. Trefer, Falls City	51.00
49 Gilt, Frank Fisher	35.00
36 Boar, J. Woodbridge & Son, Virginia, Neb.	32.00
31 Gilt, T. C. Cook, Sabetha, Kan.	39.00
35 Boar, Wm. Madden, Prairie City	36.00
34 Boar, R. J. Peckham, Pawnee City, Neb.	58.00
7 Gilt, John M. Cox	67.00
15 Gilt, W. E. Bennett, Winnetoon, Neb.	35.00
8 Gilt, same	40.00
19 Gilt, Homer McKelvin, Fairfield, Neb.	65.00
4 1/2 Gilt, J. C. Meese, Comstock, Neb.	28.00
51 Gilt, J. H. Elliott, Wilcox, Neb.	30.00
60 Gilt, O. E. Peret	27.50
52 Boar, A. Mendeuhall, Fairbury, Neb.	27.00
67 Boar, F. H. Barber, Franklin, Neb.	26.00
33 Gilt, Frank Davis, Holbrook, Neb.	50.00
63 Boar, J. E. Nofsger, Bern, Kan.	28.00
64 Boar, G. E. Ruhl, Pawnee	26.00
65 Boar, Hugh Thompson, Stella, Neb.	31.00
63 Boar, G. T. Brown, Elk Creek, Neb.	31.00

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with a low milk tank that a child can reach, a simple bowl that's easily washed, and a set of entirely enclosed gears, protected from dirt and danger. The U. S. holds the World's Record for clean skimming—it is the most profitable machine for you to buy, and will last a life time. Our handsome new catalogue describes in detail the operation and construction of the United States Separator. Many fine and accurate illustrations aid in making perfectly clear to you the advantages the U. S. has over all others. If you're keeping cows for profit, ask for our catalogue No. 81. It points the way to the biggest profits.

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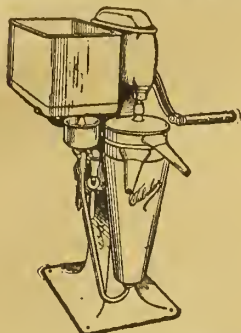
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OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

Prevention and Treatment of Contagious Abortion.

So far as this differs from the treatment of sporadic abortion, it consists in separation and the free use of germicides or disinfectants.

(1) Separate all aborting cows in isolated building, yards and pasture, allowing no other cows to have access even to their manure, liquid or solid. Not even breeding ewes, goats, sows, rabbits or mares should be allowed to go from the isolated to the non-infected premises. Separate attendants and utensils are desirable.

(2) Scrape and wash the back part of the stall and gutter and water it with a solution of five ounces of sulphate of copper (bluestone) in one gallon of pure water. Repeat this cleaning and watering at least once a week. This should in all cases be applied to every stall where an aborting cow has stood and to those adjacent. To treat the whole in the same way would be even better, as it is impossible to say how many of the cows harbor the germ. This is the more needful as that in one to three years, if the aborting cow is kept on, she becomes insusceptible and carries her calf to full term. A cow may therefore be infecting to others, though she herself no longer aborts.

(3) Dissolve one dram corrosive sublimate, one ounce each of alcohol and glycerine, and shake this up in a gallon of water, to use as an injection into the vagina and a wash for the parts about the vulva and root of the tail. Being very poisonous, it should be kept in a wooden barrel out of the way of animals and children. Every morning the vulva, anus, back of the hips, and root of the tail, should be sponged with this liquid, and this is best applied to the whole herd. A 1-per-cent solution of carbolic acid is a good substitute.

(4) When any case of abortion has occurred, the fetal membranes must be removed by the hand without delay, and, together with the fetus, destroyed by burning or boiling, or buried deeply, and the stall should be cleansed and watered freely with the copper solution. Then the womb should be washed out with one and a half gallons of the corrosive sublimate solution injected through a rubber tube introduced to the depth of the womb and with a funnel in its outer elevated end. This should be repeated daily for a week. In the case of the other non-pregnant cows of the herd, one injection of the same kind should be made into the vagina, after which they need only have their external and tail washed with the solution daily.

(5) Do not breed aborting cows for two or three months, then use a separate bull, injecting his sheath and washing his belly before and after each service with the carbolic-acid solution. Exclude all outside cows from service by the regular herd sire and, in purchasing breeding animals, subject them to quarantine and treatment before placing them in the sound herd.

As a certain number of the cows will harbor the germ in the womb when treatment is started, it is not to be expected that abortions will cease at once, but by keeping up the treatment, the trouble may be got rid of in the following year.

Every Farmer Knows That The DE LAVAL CREAM SEPARATORS

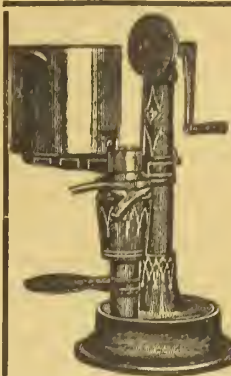
are in a class by themselves as the best separators. But many have the mistaken idea, which competitors help to magnify, that they are "expensive" and that something "cheaper" will do as well.

The Facts Are That The DE LAVAL CREAM SEPARATORS

are not only the best, but at the same time by far the cheapest—in proportion to the actual capacity and the actual life of the machine.

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The Dairy Queen is sold on guarantee and free trial. We have all confidence and know it is right or we could not offer them this way. We only want a chance to prove this to you, that the Dairy Queen is the most convenient, easiest to operate and most durable separator on the market. Ask your dealer about it or send for free catalog.

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As an aborting cow is usually of little use for the dairy, it is best to separate and fatten her and apply treatment to those that remain. In this, as in other delicate manipulations, the stock owner will consult his own interests by employing an accomplished veterinarian and avoiding such as have not had the privileges of a thorough professional education. In addition to the above, the removal of all manure and contaminated litter and the sprinkling of the surface with the sulphate of copper solution is called for. Drains should no less be thoroughly rinsed and disinfected. Milking stools and other implements may be treated in the same way, or with carbolic acid or boiling water. Great care should be taken to guard against bull or cows from an aborting herd or district; streams even may be suspected if there is an aborting herd nearby and higher up on that stream. Cows sent to bull from an aborting herd are to be positively denied, and workmen that have attended on such a herd should be required to wash and disinfect their clothes and persons.—[Department of Agriculture Bulletin.]

Signs of Excellence in the Cow.

To the Editor of The Homestead:

There are really few farmers who know to the pound what their cows are producing in milk or butter during the year. It is probably one of the first things a buyer desires to know. It is necessary knowledge for the breeder who practices rigid selection of his producers at the pail.

Since the value of a large part of the cows of the land depends on their ability to do well in the dairy, it is not a very satisfactory plan to measure a cow's worth by the supposition that she gave so many "buckets a day" when fresh.

With no more exact data at hand than this, one must look to other means as a measure of ability. Nearly every careful dairy man places more or less importance on certain general characters.

We take it for granted that the dairy matron should be in the minds of all, a cheery-dispositioned, vigorous, thrifty-appearing animal. Throwing aside many other points of conformation commonly associated with good dairy individuals, we shall consider only those points which are generally conceded to be a pretty sure indication of quality and amount of the milk yield.

For example, some dairy experts are pleased to find the inside of the ear a very golden yellow color, also the skin of a similar nature in the root of the tail, inside the thighs and about the udder. The body skin should be oily to the touch, and yellowish, giving the impression that butter might be squeezed out. The explanation is that the cow that is a good milker has a strong constitution. For this possession her blood circulation will be strong and the skin and parts most distant from the center of the circulatory system will be well-nourished, consequently the skin secretions will be active, producing the rich yellow color.

The escutcheon, that part of the skin back of and above the udder and between the thighs, on which the hair runs in the opposite direction to that to which it inclines on other parts of the body, has been considered by some to be one of the most valuable points in determining the worth of a cow. On the best producers it is found to be wide, high and spreading, and satiny to the touch. It is undoubtedly an index to a degree of the quantity of blood received by the udder, as this region is under-traversed with blood vessels leading to the four quarters.

The udder will be merely referred to. Suffice it to say that when empty it should nearly lose its form and appear to consist of pliable elastic skin. Teats



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of the proper size will avoid many unpleasant relations between the cow and the milker. Short teats allow much of the milk to be contaminated by dripping from the hand to the pail. The milk veins do not carry milk, but blood away from the udder. They should be prominent and well-branched.

The best indication of the worth of a cow is the record of her yield and test. In the absence of such information, the above points can be relied on to some degree. Their value is based on the fact that the best milk-producing cows have as a rule possessed them in the highest perfection. Apply the test to your herd and see if you can find a striking exception.

L. E. Troeger.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HAVANA, CUBA.

On December 18th to 20th the Chicago Great Western Railway will sell round-trip tickets to Havana at one fare for the round trip, with limit to return of January 9th. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

IN AND AROUND WISCONSIN.

There will be 8,000 deer and 200 moose killed in northern Minnesota this month. That is the estimate of Samuel F. Fulton, of Minneapolis, executive agent of the state game and fish commission. As the period for hunting big game is only from November 10th to November 30th, twenty days, it means that 400 deer are being killed each day.

A statement just issued from the Minneapolis Chamber of Commerce states that the market there, on the crop movement to date, is behind about 12, 113,000 bushels of wheat, as compared with the receipts a year ago. In the arrivals of all grains, the market shows a deficiency of 21,286,000 bushels. The accumulations of wheat are mainly in North Dakota and northern Minnesota. In South Dakota and southern Minnesota, the production was moderate, and the pressure has not been so heavy.

The firm of Seeboth Bros., of Milwaukee, Wis., has purchased a lot of about 500 tons of iron from a Hartford, Wis., rag dealer, and it is to be shipped to Milwaukee at the rate of a carload a day. Twenty cars will be required to transport the iron, which will be unloaded at the company's yard and sorted before being sold to the foundries for melting down. The pile had been accumulating for four years, and was gathered in Hartford and the vicinity. The pile was a source of curiosity to neighbors. The price paid was \$11.65 per ton f. o. b. Milwaukee, making the total for the 500 tons almost \$6,000.

Land and immigration agents must pay their fare on Wisconsin railroads hereafter. A formal decision by the interstate commerce commission quotes federal law prohibiting free transportation, and the railroads have annulled all pass privileges. Only bona fide employees of roads are to have free carriage. The decision is a bad blow to the land settlement business, railroad officials say. Two-thirds of Wisconsin, it is claimed, yet remains to be opened up, and any impediment to free travel of land agents, it is considered, will be a drawback to immigration.

In explaining the reason for refunds from the railroads received by the Northern Grain Company at Manitowoc, Wis., the local manager claims that they were merely rebates on damaged shipments. He intimated that political interests had made reports damaging to the local concern. Manitowoc has become a central shipping point for grain going east.

A new swindling game is now being worked on farmers and sight-seers in large cities. The victim is approached

and a guide offers himself for service. If accepted, the visitor is persuaded to deposit his valuables for safe-keeping in some office. On the trip the "guide" becomes separated from his charge, who learns that he is duped.

There is a movement now on foot by a firm to manufacture a peat fuel from garbage of large Wisconsin cities. The plan should be worthy of consideration.

Cabbage growers have had a large crop this fall in the large kraut-growing districts. More sauer-kraut is being made in Milwaukee this season than in years. Garbage wagons loaded with cabbage leaves and refuse are a common sight in the large city.

The annual report of the trustees of the Sheboygan County Insane Asylum shows that there are 124 inmates in the asylum and that there were only six deaths during the year. The receipts of the institution consisted of a balance of \$3,536 from last year, the state donation of \$8,442, the tax levy of \$5,000, and the profits on the farm, amounting to \$19,045. The disbursements, consisting of additions, alterations and repairs, and the cost of running the hospital, amounted to \$15,820, leaving a balance of \$3,225 on hand. The county board is anxious to solve the tramp problem and a resolution was introduced asking that a workhouse be built.

In the recent storms on the lakes, seventeen large boats were wrecked or damaged and two score of lives lost.

Geladon Bassett, of Janesville, the wealthy wholesale saddle dealer who died lately, leaves a portion of his fortune to the three negro institutions, as follows: The Booker Washington school in Alabama, the Beloit school at Beloit, Ala., and the Utica Normal and Industrial school at Utica, N. Y.

Farmers in the central part of Illinois are complaining seriously of the condition of their corn this year. The yield was good, but after husking it has been discovered that a large percentage of the corn is rotten. The best corn experts in the country have been called to diagnose the case, but thus far they are unable to say whether it is a new corn disease or simply a condition resulting from the elements. Much of this corn is not fit to feed.

Bulletin No. 141 of the Wisconsin Experiment Station, entitled "The Horse Breeding Industry of Wisconsin," is now ready for distribution, free of charge, to residents of the state. This bulletin, which is profusely illustrated, comprises some 160 pages, and contains, in addition to much important reading matter, a complete directory of owners of licensed pure-bred, grades and cross-bred stallions. It discusses fully and impartially the results of the enforcement of the stallion service law enacted by the last state legislature, points out good and poor features of the law, and suggests amended or new legislation required for further progress in the same direction. As one of the chief objects of this bulletin is to stimulate general discussion of horse-breeding matters throughout the state, and thus continue the good work begun by Bulletin No. 127, which dealt with the principles and practice of horse breeding, it is hoped that every man interested in the improvement of Wisconsin horses will at once send postal card addressed to Agricultural Experiment Station, Madison, Wis., calling for Bulletin No. 141.

New manufacturing establishments to the number of 717 started in Wisconsin during the five years following 1900. The capital for all concerns increased 44 per cent. The wage-earners increased 13,866 in number. The total number of factories shown by the twelfth census is 16,187, and 36 per cent of these are situated in urban districts. Using the value of products as a basis for rank, the following order results: First in importance, lumber interests; second, mill products; third, shops and foundries; fourth, dairy produce; fifth, leather and tanning; sixth, breweries; seventh, meat packing; eighth, paper and wood pulp; ninth, iron and steel. Agricultural implements rank twelfth, and boots and shoes sixteenth.

Wisconsin has been honored by the crew of the battleship Wisconsin. In view of the fact that the Wisconsin won first place in gun competition over all other ships in the United States navy,

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50% BELOW DEALERS' PRICES

We'll sell you, if you want roofing, better roofing than you can buy anywhere else—Fireproof Rubber Roofing. Sell you direct at half what your local dealer will charge you for ordinary roofing—half what shingles will cost you, for we ship right from our factory to you. Send you a Free Roof Book on our roofing, telling why it's

Rustproof and Practically Fireproof If you'll only send us a postal, send us a sample so you can test it—try to tear it—pound it—smell it to see that there's no tar in it to burn or melt—try it with hot coals—try it with acid—try it any way to satisfy yourself.

All You Need is a Hammer to put it on your house, barn or outhouses. We send you with every order all the nails, metal caps and cement you need to put it on. Also 8 sq. ft. for laps. And it's the easiest roofing to put on made today, and will keep your buildings dry, warm and substantial in appearance. Won't rust out like eelot roofing. This isn't an ordinary roofing. We make it from a special process material with such heavy machinery that when it's finished there's absolutely no "wear-out" to it. We tell you in our Roof Book all about the process—the pressure it gets—the flintcoating—the acidproof soaking—the weatherproofing that we give it. It makes 25 per cent saving on insurance. It's

Sold Only Direct to the man who uses it, so you save 50 per cent, which on other roofing goes into your local dealer's, the jobber's and the wholesaler's profits. You'll see from what we tell you in our

Free Roofing Book just why it will pay you to use our roofing. We guarantee safe, prompt delivery everywhere in the United States. We save you 50 per cent, freight included. We ship to you from Kansas City, Minneapolis, Chicago or Davenport. This saves on freight. Write or send catalog requests only to Davenport and let us save you—dollar for dollar—HALF.

Write today,

GORDON, VAN TINE & CO. Largest Mill in America Station B13, DAVENPORT, IOWA
Grand Catalog of Factory Prices on Sash, Doors, Building Material and Woodwork sent free also.

the crew has voted that the trophy, a silk flag, be presented to the state after which the battleship is named.

For the convenience of visitors to the International Live Stock Exposition, a board-and-room committee has been appointed, who will arrange for accommodations upon written request, advising day of arrival, number in party, whether you desire room only, or room and board, about rate you wish to pay, length of stay and part of city preferred. Address Board and Room Committee, 19 Exchange Avenue, U. S. Yards, Chicago.

The Iowa Mutual Tornado Insurance Association, the Largest, Cheapest and Best Mutual Insurance Association on Earth.

The above-named Association held its Annual Meeting in this City, Tuesday, November 20th, with a good attendance, thirty-one Counties being represented.

The report of Executive Committee, Secretary and Treasurer showed the business for the year to be as follows:

Total receipts \$137,162.56
Expenditures including losses 43,891.21

Cash Balance \$ 93,271.35
Net gain in risks, \$1,734,768; Insurance in force to date, \$114,681,977. \$81,000 of the cash on hand is in the banks, drawing 4% interest.

There will be no assessment this year, and should the losses not exceed \$75,000 next year, which is more than the average, there will be no assessment next year. In fact, there will be no assessment until the surplus is used up. By having a good surplus on hand, it enables the Association to pay its losses promptly, and the people who insure now receive the benefits of the amount of cash on hand.

The Association could now pay losses to the amount of \$90,000 without an assessment, and \$200,000 with only one mill assessment. For cheapness and reliability, and prompt and satisfactory adjustment of losses, the Association cannot be excelled. It does nearly three times as much business as any Company doing business in Iowa. In some Counties nearly every farmer is insured in it. The cost is so small, no one can afford to be without insurance in this grand Association. It has saved many from financial ruin when their entire set of buildings and contents have been destroyed. The Association has paid one-half million dollars in losses, and not a completed Proof of Loss ever laid in the office 48 hours without a check being sent for full amount of claim. The Association has had but one law suit, and in that case, the Court gave claimant less than was offered him in settlement before suit.

The Homestead has watched the growth and progress of this Association since organization, and have given it our best endorsement and have never had occasion to regret it. We believe it to be economically and properly managed. The cost of management, including cost of assessment, for the past year, was only 24 cents per \$1,000 insured, and if cost of assessment was deducted, only 17 cent per \$1,000. This, compared to the

cost, of other Companies, is remarkably cheap.

In view of all these facts, we see no reason why anyone desiring Tornado Insurance should not insure in this Association. The Secretary, J. B. Herriman, has been with the Association from its first organization, and has given the best years of his life to building up this and other Co-operative Associations.

Mr. Herriman was the organizer of the Town Dwelling Mutual Fire Insurance Association, that insures dwellings in cities and towns, and which has been a wonderful success, and saved thousands of dollars to its members. The existence of these two Associations has reduced the cost of this class of insurance so that people who are insured in Stock Companies, are receiving their insurance cheaper. Therefore, the people of Iowa should stand by co-operative insurance.

Saddler Bros. & Moore Sale.

The sale of Short-born cattle held at Hastings, Neb., November 21st, by Messrs. Saddler Bros. and C. N. Moore, was a very successful one. Everything was sold and at a very satisfactory price. The top price was \$157.50 for the pure Scotch heifer, Queen Bampton by Queen's Gladiol, she going to Mr. Rudolph Firme, of Hastings, Neb. Mr. Firme also bought a fine young bull by Choice King, a grandson of Imp. Choice Goods and out of Novina 2d, a straight Scotch cow and one of the best things in the offering. Messrs. Hill Bros., of Trumbull, Neb., and A. Farren, of Hastings, were also good buyers. Below is a list of those selling for over \$75: Lot. Price.

1. Samuel Martin, Hastings, Neb. \$ 82.00
3. Hill Bros., Trumbull, Neb. 112.50
4. L. H. Page, Friend, Neb. 110.00
6. Same 92.50
7. Same 75.00
8. A. Farren, Hastings, Neb. 112.50
10. Rudolph Firme, Hastings, Neb. 82.50
12. B. M. Ball, Hastings, Neb. 102.50
13. L. H. Page 95.00
21. A. H. Farren 80.00
22. Rudolph Firme 157.50
23. A. H. Farren 92.50
26. A. C. Johnson, Doniphan, Neb. 80.00
32. John Kennedy, Hastings, Neb. 87.50
Average on whole consignment.... \$72.00

Farm Journal and the Biggle Books.

On page 17 of this issue appears a very attractive announcement of that splendid monthly, the Farm Journal, and the famous Biggle books, especially the Biggle Poultry Book. The Farm Journal for five years, the Biggle Poultry Book and the Roosevelt Family Calendar, showing a family group of President and Mrs. Roosevelt and their six children, are all offered to our readers for \$1. The Farm Journal for ten years or to two addresses for five years, provided one of the two is a new subscription, and the Roosevelt calendar, all for \$1, if subscriptions are received before January 1st. The Farm Journal for two years to a new subscriber and the Roosevelt Family Calendar for twenty-five cents, if received by January 1st, is another fine offer made. Agents are also wanted. Look up the advertisement this week, as it will not appear again, and be sure and address your orders to Farm Journal, 1036 Race St., Philadelphia, Pa.

HOMESEEKERS' RATES.

Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseeker points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

The Homestead and The Homemaker \$1.25 per year.

W. L. DOUGLAS

\$3.50 & \$3.00 SHOES FOR MEN

W. L. Douglas \$4.00 Gilt Edge Line cannot be equalled at any price.



W. L. DOUGLAS MAKES & SELLS MORE MEN'S \$3.50 SHOES THAN ANY OTHER MANUFACTURER IN THE WORLD.

\$10,000 REWARD to anyone who can disprove this statement.

It could take you into my three large factories at Brockton, Mass., and show you the infinite care with which every pair of shoes is made, you would realize why W. L. Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe.

W. L. Douglas Strong Made Shoes for Men, \$2.50, \$2.00. Boys' School & Dress Shoes, \$2.50, \$2.15, \$1.50

CAUTION.—Insist upon having W. L. Douglas shoes. Take no substitute. None genuine without his name and price stamped on bottom. Fast Color Eyelets used; they will not wear brassy. Write for Illustrated Catalog.

W. L. DOUGLAS, Dept. G, Brockton, Mass.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

FOOT ROT.

Will you please inform me whether or not in your opinion cattle running on pasture on which sheep had been recently pastured that were badly affected with foot rot would become affected in the same way?

If the pasture is low, wet and boggy so that hoofs become soft and irritated cattle as well as sheep would be apt to contract a condition commonly called foot rot, but which is not contagious. Otherwise there will be no fear of the disease affecting sheep also affecting the cattle.

INJECTION SOLUTIONS.

(1) When antiseptic injections have to be used in the womb of a cow after calving does the solution have to be drawn off with a catheter or will it come away of itself? (2) Does one have to have a veterinarian's syringe to inject the solution? (3) In severe cases could it harm the cow any to use it five or six times daily? (4) If I am told to use a "2 per cent" solution of any disinfectant, would it be two teaspoonfuls of the medicine to ten of water or would it have to be 100 of water? I don't quite understand this. (5) If a cow is not to calve for two months is there any harm in letting her run in a corn stalk field when she had trouble last time?

(1) If the disinfectant used is a poison such as corrosive sublimate (bichloride of mercury) it is best to draw off the fluid by means of a catheter or syphon hose or the hose of the veterinary force pump, which, by proper adjustment can be made to either pump in or draw off fluid. Simple coal tar disinfectant, if weak, need not be drawn off. (2) For injection any large syringe will suffice, or one can use a large funnel and a half-inch hose or a half-inch hose with nozzle attached and free end fitted to tin or wooden spout to be let into the rim at bottom of a large wooden pail to be hoisted above animal's back by means of small rope and pulley. (3) Not more than two injections a day should be given and then the solutions should be non-irritative. It is best to flush out with warm water and



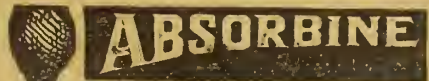
The first remedy to cure Lump Jaw was

Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in Fleming's Vest-Pocket

Veterinary Adviser. Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.

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ABSORBINE

Removes Bursal Enlargements, Thickened Tissues, Infiltrated Parts, and any Puff or Swelling. Cures Lameness, Allays Pain without laying the horse up. Does not blister, stain or remove the hair. \$2.00 a bottle, delivered. Pamphlet 10 free.

ABSORBINE, JR., for mankind, \$1.00 bottle. Cures Syphilis, Weeping Sore, Strains, Gouty or Rheumatic Deposits, redness, Varicose Veins, Varicocoele, Hydrocele. Allays pain. Book free. Genuine mfd. only by W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.



Your Wife or Daughter

Can drive your most fractious horse if he wears a Beery Bit. Horse is under perfect control at all times. Can be used on gentlest colt or runaway kickers with equal satisfaction. 10 days free trial. Prof. J. A. Beery, Pleasant Hill, O.



NEWTON'S Heave, Cough, Dis-temper and Indigestion Cure. A veterinary specific for wind, throat and stomach troubles. Strongly recommended. \$1.00 per can, of dealers, or Exp. prepaid. The Newton Remedy Co., Toledo, Ohio.

A. S. ALEXANDER, V. S. MADISON, WIS.

Veterinary Editor The Homestead. CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

A dollar's worth of Standard Stock Food

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—last longer and
—produce more and better results,

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Free to You Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep. Write today.

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Eclipse Portable WAGON and STOCK Scale

ALL above ground. No pit. Steel frame eight inches high. Most accurate and durable. Write for catalog and price.

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then use the disinfecting solution. (4) Two per cent means two parts to one hundred parts. Two in ten parts would be twenty per cent. Twenty teaspoonfuls of fluid mixed with a gallon of water would make a 2-per-cent solution. Injections for cows should be about two gallons of fluid each time. (5) The corn stalk is a decidedly dangerous place for any pregnant cow and on no account would we turn out the cow in question.

QUITTOR.

I have a twelve-year-old mare that was cut one year ago on the foot and above on wire. There is not much shape to it now and it is as big as a bucket. Pus and blood exude in places. Can you help me?

We cannot tell you how to treat a case of such severity without the assistance of a qualified veterinarian and we fear even such an expert would fail to effect a cure. The condition described indicates that the entire foot is permeated with sinuses (pipes) which connect with diseased tissue and discharge pus. Where such is the case the trouble is likely to prove incurable.

SPAVINS.

I have three colts coming two years old, a sorrel, a bay and a gray. They are in a pasture which has a lane where they come home to get water. Most of the time they run as hard as they can and when they get home they run up to the fence at the barn and stop suddenly. They have bunches which have come on the inside of both legs on lower joint of hock. The bunches on the sorrel and gray extend across most of the inside of the lower joint, while those on the bay are more on the front joint. These have been on about ten weeks. I have never seen them go lame. I did not like the looks of the bunches, for they seem to be of a bony nature, so I got absorbent about three weeks ago and gave them a ten days' treatment, but the bunches have become no smaller as yet that I can notice. The directions are for two to four times a day and then bandage them with cold water bandage, but they do not say how long to give treatment. I would like to know whether this is a case of spavin or whether the bunches might go away on their own account, or what would be advisable to do to remove them. The sorrel is of the Norman stock, the gray of the Morgan and the bay of the Wilkes stock. All have fair, straight legs and hocks and good flat and heavy bone.

You describe one of the most common causes of spavins and other unsoundness of the hock joints of growing colts and the first step should be to remove the cause by putting the colts where they can have water at any time without racing home to obtain it. There is a possibility that removal of the irritating cause may result in re-absorption of the spavins, whether they be hard or soft, but this should be encouraged by removing the hair and rubbing in iodine ointment each other day

until skin is irritated; then stop for a few days and repeat if necessary. If this does no good it might be well to apply a blister as so often prescribed in this department of the paper.

BABY'S TORTURING HUMOR.

Ears Looked as If They Would Drop Off —Face Mass of Sores—Cured by Cuticura in Two Weeks for 75c.

"I feel it my duty to parents of other poor suffering babies to tell you what Cuticura has done for my little daughter. She broke out all over her body with a humor, and we used everything recommended, but without results. I called in three doctors, they all claimed they could help her, but she continued to grow worse. Her body was a mass of sores, and her little face was being eaten away; her ears looked as if they would drop off. Neighbors advised me to get Cuticura Soap and Ointment, and before I had used half of the cake of Soap and box of Ointment the sores had all healed, and my little one's face and body was as clear as a new born babe's. I would not be without it again if it cost five dollars, instead of seventy-five cents. Mrs. George J. Steese, 701 Coburn St., Akron, Ohio."

HOMESEEKERS.

Every Tuesday, October and November, via M. & St. L. R. R. one fare plus \$2 for the round trip to points in Minnesota, Dakota, Canada, tickets good twenty-one days. Also first and third Tuesdays, October and November to Montana, Washington, Oregon.

The M. & St. L. is "The Road that Runs" and trains leave Union Station, Des Moines, at 8:15 a. m. and 9:05 p. m. New electric lighted sleepers, all nice coaches. Call at City Ticket Office, 512 Walnut St., or address W. K. Adams, D. P. A., or D. B. Ransburg, C. P. A., Des Moines, Iowa.

ONE WAY SETTLERS' RATES.

To points in Nebraska, eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of



A Whole Medicine Chest.

A bottle of DEAN'S KING CACTUS OIL in time of emergency saves many dollars.

PROF. DEAN'S KING CACTUS OIL

Will heal the worst barbed wire cut without leaving a scar if used in time. We have thousands of testimonials that prove this fact. Every owner of live stock should keep it on hand, for it is a positive cure for cuts, sprains, bruises, old sores, swellings, open wounds, harness and saddle galls, etc.

KING CACTUS OIL is equally valuable for ailments of the human race. It is magnetized and soothing, pleasant to apply and heals a wound from the bottom up.

Sold by druggists in 15c., 50c. and \$1 bottles, \$3 and \$5 decorated cans. Sent prepaid if your druggist cannot supply you by OLNEY & McDAID, Clinton, Iowa.

homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

The Homestead and The Homemaker \$1.25 per year.

The County Fair a Live Stock Educator.

To the Editor of The Homestead:

The county fairs, as we know them today, come far short of serving the agricultural educator, for which they were originally intended, and if this institution is to be redeemed from the hands of the faker and the side-show man it rests with the leading live stock men of the country to assume an active responsibility in its welfare. And it is the purpose of this article to call attention to a few ways in which the live stock exhibit should be of great educational value, both to the exhibitor and the public.

In order to have a successful live stock exhibition there must be a power behind the throne and that power should be the chief superintendent of the live stock department, or if such an officer does not exist, there should surely be one. The most successful fairs have a chief superintendent with a well-equipped corps of lieutenants whose duty it is to look after the various departments of live stock. The possibilities or opportunities of this one man for getting up a brilliant show of live stock are unlimited, and the success or failure of the exhibit rests largely with him.

He ought to begin to plan for the show at least a year ahead, and to continually remind his friends and neighbors that at such a time and at such a place there would occur the annual stock show and that there would be additional attractions at the next event. He should not fail to interview the breeders of his locality early in the spring and urge them to plan to contribute to the live stock exhibit. A monthly reminder and a personal call now and then from an influential superintendent will interest many a farmer and the number of exhibitors will be surprisingly increased. As the time for the exhibition approaches, he will know the exact number of animals to expect and plan accordingly. He should extend his hospitality to the exhibitors and be their servant. We know of one superintendent of live stock at a county fair this fall who had his headquarters in a large tent near the stock barns and besides tending to the wants of the exhibitors devoted most of his time to interesting the public in the live stock on exhibition.

Showing the animals for prizes should be the most interesting feature of the show, both to the exhibitors and the general farmer. Here again the ideal superintendent can please and attract the people, for nothing is more instructive than a large show well carried out. He should see to it that the program of events is well advertised and that the exhibitors are familiar with the order of events. Granting that many of the animals are only in good growing condition as we would naturally find them in the country, they may be made to make an excellent show if presented in a clean and healthy form. Such stock when well mannered and groomed will surely attract attention and a competent judge will always give them due consideration. The thoughtful superintendent can greatly improve the quality of the show by inspecting them before hand and advising parties as to the form and manner in which they should be presented.

In the show ring the center of attraction where the battle for supremacy is on, the farmer and exhibitor can both well afford to attend and observe closely the rating of the animals. They should feel perfectly free to question the judge as to the points on which he bases his decisions and try as far as possible to get in mind the correct type and characteristics of the animals under consideration. There is no better school than the show ring for studying the characteristics of each breed. Here are animals of the same breed brought together by different parties from different places and from different circum-

stances. And instead of giving the live stock and the show ring a mere passing glance, as the farmer generally does, he ought to give time and thought to studying the particular breeds in which he is interested.

Besides the live stock superintendent, the judge of the stock is one responsible party who should help materially to strengthen the educational value of the live stock show. May the day soon come when we shall have a sufficient number of live stock judges scattered throughout the country so that every county fair can have the services of a capable judge who has the ability to give the public what it needs in live stock instruction. The show ring is a live stock school and not simply a place where money prizes are given away. The capable judge should as far as time permits, give a short discussion of each class of stock on which he works, pointing out here and there the strong and weak points of the breed and explaining fully the breed characteristics. It is to be expected that there will be unsatisfied exhibitors, but the unprejudiced judge who works straight ahead will surely demand the respect and the attention of the public if he has had the proper training and experience.

A new feature of special interest in this connection was inaugurated at one of the Wisconsin fairs last fall. The fair association employed an expert judge and, besides the discussions that followed the rating of almost every class of animals, breeders conferences were held during the fair. At an appointed time all the beef cattle men, the live stock superintendents, the judge and every farmer, who was interested in beef cattle, held a meeting and discussed subjects of importance concerning their cattle, the welfare of the show, and how to promote the best interests of all parties concerned. At another appointed time the same officials met with the swine exhibitors, farmers interested in swine raising, and all others who cared to attend. Simply let the people know that such a meeting is to take place and be properly conducted, and the attendance is easily secured. Such conferences of breeders and men interested locally in the live stock business are sure to bring gratifying results and are only a beginning to some of the possibilities in live stock education which we may hope to enjoy in the future.

The man who shows an interest in live stock at the county fair derives benefits which oftentimes he fails to see. Whether an exhibitor or an interested visitor, he puts himself on record as a supporter and promoter of the industry, and he meets the other fellow. As breeders and farmers, men have too little opportunity to associate with one another and study the other man's methods. Divided effort never reached a goal, and as long as breeders fail to associate, legislate, and plan as one man to promote the interests and welfare of their breed, just so long will they be deprived of the fruits of success. There is a great future in breeding live stock for those communities in which the breeders will all combine and breed one breed of any class of useful animals instead of attempting to raise all the breeds in existence and keep up a menagerie. Combined effort and co-operation in breeding can be speedily promoted by our county fairs. And co-operation in breeding will make a certain locality famous and attract buyers from the farthest parts of our country.

Jas. G. Fuller.

Wisconsin Experiment Station.

Feeding Hogs on Sorghum.

Our experience in rearing hogs on sorghum has been very satisfactory, and has proved for this district the best way of handling them. We have a hog lot or corral of about four acres, including a good orchard, and keep about an average of one hundred hogs on hand the year round, selling a bunch say every two months, the little ones that come replacing those sold. The corral is situated on the bluffs of the river. The high part is perfectly drained and is never maddy, while the bluffs and trees afford excellent shelter in both summer and winter. In addition to this natural protection we also have warm, dry houses for the hogs in winter time.

A general outline of our method is as follows: About April 15th we plowed the corral and drilled it with Folger's Early sorghum, using a bushel or more of seed per acre. This variety grows very rapidly, and within three weeks the hogs were eating the young cane. They

rooted some up, of course, but not much, and the growth of the sorghum was such that it kept ahead all summer and afforded excellent feed. If convenient, it would be well to keep the hogs out of the pasture until the cane is a few inches high, at least. In the fall—September—we fenced off half the corral, where the orchard is, plowed it, and drilled in rye. When a few inches high, we let the hogs graze on the green rye, and it made good pasture until May. In the winter we fed fifty cows in corral outside of the orchard, on sorghum with all its seed on. This was Colman's, and had been listed in six pounds to the acre. It was very sweet and tender, and yielded at least thirty bushels of seed per acre. Hogs and cattle alike ate it with great relish. Up to April 1st we fed this, two-thirds cane forage to one-third good corn fodder with considerable of the corn left in it. Nothing was wasted except corn stalks, and the animals gained all the time. Then, as soon as the cows were moved from the two acres used as a feed lot, it was plowed up, and after a heavy rain was drilled very thickly with Folger's Early sorghum again. By the middle of May the hogs had deserted the rye patch almost entirely for the new cane. We have grain constantly accessible to all in a self-feeder, and it is surprising how little is used from it so long as the rye and cane afford a good pasture. Our self-feeder is generally supplied with corn, cane or kafir-corn seed, or chop—in fact, the least expensive mixture available. Salt and ashes also are kept in troughs nearby.

We have had on hand a good many barrels of sorghum molasses, and have fed it to the hogs, a few gallons at a time, all winter. They like it immensely, and I noticed many of the cows lick it up eagerly.

In our herd of hogs we let our sows and shoats run together, and probably the sows get rather fatter than desirable, but they will do well and rear excellent pigs; and then again leaving them all accessible to feed saves so much labor that we do not think it pays to bother with more painstaking methods. Nothing we have ever tried gives as large profits as hogs raised thus. Our sorghum crop is certain and heavy, and we use it every day in the year. In cut-

OUR RED LETTER

Combination Offer

AGAIN OPEN TO THE FARMERS
OF THE MIDDLE WEST

**FIVE SPLENDID PAPERS and MAGAZINES for \$1.25
A YEAR. SEND US YOUR SUBSCRIPTION TODAY.**

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

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Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

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DES MOINES, IOWA

ting we always begin early, when the cane is juicy and the seed in the dough, and do not in any case let it get too ripe for fodder. Sorghum is our main reliance, but this year we intend adding artichokes and pumpkins as an experiment.

Have never had a case of hog cholera; never lost any hogs from sickness, except some that had eaten the carcasses of animals that had died of black-leg.

The water for the hogs is pumped from a well in the orchard by a windmill, and they have the river to wallow in.—[Mary Best, in Kansas Biennial Report.]

Don't follow fashion too strongly, especially out-of-date fashion. This is the advice given in the Litchfield story on page 5 this week.

The Homestead and The Homemaker \$1.25 per year.

BIG FARM PAPER A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$20,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people, its circulation reaching every state in the Union. Address with stamp Valley Farmer, 675 Jackson street, Topeka, Kan.

POULTRY.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 10c postage. **FRANK FOY, BOX D, - DES MOINES, IOWA.**



FOR SALE.

LIVE DEER, all ages, white swans, California quails, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, milk, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. **DEER LAKE PARK, Severy, Kan.**

White Wyandottes.

BIG cut on eggs for June and July, \$1.25 per sitting of 15. All classes, \$5 per hundred. **FOREST HOME POULTRY FARM, Audubon, Iowa. Box 253.**

FOR SALE.

HOUDAN cockerels, Toulouse geese, Rouen ducks and Belgian hares. Prize winners. Write me describing what you want and get prices. Satisfaction guaranteed. **C. N. GERARD, BRADFORD, ILLINOIS.**

30 CHOICE

Single Comb White Leghorn Cockerels
All good ones and from the very best of stock.

Address, **JNO. C. MILLER, - Harlan, Iowa**

B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address **J. B. McAllister, - Palo, Iowa**

Barred Plymouth Rock Cockerels.

A GRAND lot for sale at \$1.00 each, of heavy bone and well barred in all sections. This is not half price for these birds, but they must go. Send us your order. **SAMUEL BONE, L. Box 85, Montezuma, In.**

SILVER LACED WYANDOTTES

Bronze Turkeys and Pekin Ducks.
MODERATE prices for high-scoring stock. Vigorous, thrifty birds. Write for prices and description. **J. D. SMITH, Route 3, Montezuma, Iowa**

WHITE LEGHORNS.

I HAVE for sale 100 White Leghorn cockerels. These are extra fine birds and are of my special "Bred-to-lay strain." Price on all sold before Jan. 1st, \$1.50 each. After Jan. 1st, \$2.50. **J. H. PIEPER, - Leigh, Neb.**

WHITE ROCKS—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. **Bulus H. Flanagan, Pleasantville, Iowa.**

ROSE COMB AND SINGLE COMB BROWN Leghorns, White Plymouth Rocks, Silver Laced Hamburgs, Cornish Indian Game, 75 cents to \$1.00 each. Also White Pekin Ducks. Address **Ldw. Dooley, Selma, Iowa.**

SILVER LACED WYANDOTTES.
COCKERELS for sale, \$1.00 each. The best I ever grew. Buff turkeys. **Wayside Farm, Mt. Vernon, Iowa**

ROSE COMB BROWN LEGHORN. Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address **F. L. Morse, Floyd, Iowa.**

PURE BRED Single C. W. Leghorn and B. P. Rock cockerels at \$1.00 each. Fine birds that are sure to please. Address **Robert Holm, Route 1, Paton, Greene Co., Iowa.**

80 WHITE HOLLAND TURKEYS.
CHOICE large-boned stock. Toms, \$5.00, hens, \$3.00. \$10.00 per mated trios. Mrs. J. H. Schucknecht, Tripoli, Iowa.

28 Buff Cochins For Sale by
Mrs. J. Jorgensen, - Exira, Iowa

UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. **Albert Haus, Waucoma, Ia.**

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. **R. T. Cameron, Ottumwa, Iowa.**

S. C. B. LEGHORNS. I have a limited number of S. fine cockerels and pullets that I will sell very reasonable if taken soon. **J. P. Eskildsen, Lawler, Ia.**

MAMMOTH Bronze Turkeys, pure bred and very huge strain. Toms, \$5.00 each; hens, \$3.50 each. Address, **Mrs. Emma La Follette, Bakesburg, Iowa**

LIVE Pekin Ducks wanted. Free coops with cash; state strain, when hatched, how many ducks and drakes, with stamp. **Fairacres Farm, Joliet, Ill.**

150 SINGLE Comb Brown Leghorn cockerels, \$3 to \$10 per doz. Buff Cochins Bantams, Indian Runner Ducks. Mrs. Will Michael, Selma, Iowa.

FOR SALE—75 Barred Plymouth Rocks and Mammouth Bronze Turkeys. Best marked birds I have ever offered. **Robt. Hunt, Earlville, Iowa.**

WHITE Wyandotte cockerels for sale. Pure bred. Prices low for quick buyers. Address **Rose-lawn Farm, W. S. Gregory, Keota, Iowa.**

BUFF ORPINGTONS and Buff Rock cockerels. Large, even colored birds, \$1.00 to \$1.50 this month. **Mrs. G. R. Fuller, Jolite, Iowa.**

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. **W. C. Frazier, Atlantic, Cuss Co., Iowa.**

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings, \$1.50 to \$3 each. **Mrs. L. M. Estes, Audubon, Ia. Route 2.**

FINE, LARGE MAMMOTH BRONZE Turkeys and Rouen Ducks. **J. H. Howarth, Moulton, Iowa.**

S. C. WHITE LEGHORNS—Either sex. Prize-winners. Prices right. **Walter Small, Wapello, Iowa.**

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

THE NUMBER OF CHICKENS FOR A FARM.

Perhaps no other question is asked oftener than how many chickens can be kept on a given territory or on farms of a certain size. Likewise there is probably no question that is more difficult to answer.

The number of chickens to be kept on the average farm of 160 acres depends on the nature of the buildings and the habits of the care-taker. We have observed that on many farms there is practically no change made in the buildings from year to year. It is a common thing to see a house accommodate 100 fowls this season that housed only fifty the year before, and whatever happens to get through the brooding season is what the houses have to accommodate, whether that number be many or few. It is a great mistake to crowd into a house intended for only fifty, double that number.

Every farmer should know about how much space it will require for a flock of hens. We have seen it stated that each hen should have at least ten square feet of floor space, but we know of houses that will provide each hen one-half that amount of floor space where the fowls are better cared for than where more space has been given them but where the care has been of an indifferent nature. Our plan has been to give about five square feet to each fowl. When the flock increases, we add onto the regular house and give them more room.

On many farms the wife or mother is the care-taker and in such cases they should be the ones to decide the number of chickens to be kept.

LAMENESS.

A subscriber writing from Fredericksburg, Iowa, says: "What is the cause and preventive of the following disorder? Lameness in leg a day or two and later lameness in both legs, and the fowls are unable to walk, but lie as if paralyzed. Those affected do not lose their appetites, but there is a gradual wasting away, also some bowel trouble; head and eyes have a dull and lifeless look. Young fowls seem to be more subject to the disorder than older ones. The fowls are not troubled with lice, nor are they over-fed."

Usually lameness is attributed to an accident or rheumatism. A disorder known as leg-weakness often affects young fowls that have grown very rapidly, which is exhibited by a trembling of the legs at first and later affects the legs so that the fowls will stand with difficulty and when they walk it is with a labored effort.

The treatment we would suggest would be along the line of ascertaining the cause and a removal of the same. If it is leg weakness the lame birds should be taken away from rich food such as corn, potatoes and pepper, and put on a diet less rich. Feed bone meal, boiled beans or peas, and if it is necessary to give medicine no better can be found than quinin.

DISPOSE OF SURPLUS COCKERELS.

All cockerels not wanted for breeding purposes, for home use or for sale, should be disposed of as soon as they can be made marketable. As a rule they will not be in as good a condition for market when allowed to run with the flock as they could be should they be penned up and given extra feed and care for ten days or two weeks. There is seldom anything gained by holding cockerels at this season of the year beyond the number necessary for breeding purposes. In most cases it is advisable to sell all the cockerels and buy new blood for breeding purposes. Cockerels at this season of the year have a ravenous appetite due to the fact that they are still growing, which has a tendency to take away from the weaker pullets what they should have and thus they do not come to that state of maturity they otherwise would.

The best time to market cockerels has past, for that was when they were at the frying stage, but we are approaching Thanksgiving time when another opportunity will be presented. At any

rate they should be sold before the flock is put in winter quarters.

DISEASE.

As a rule poultry generally suffers from preventable ills. It is almost useless and rarely if ever worth while to treat sick poultry. In most cases a chicken is hardly worth the trouble required to treat, and as a rule nine out of ten treated die in spite of all that can be done for them. If kept clean and not overfed, not cooped up in close quarters, kept from foul odors, putrid food, supplied with clean water and fresh air, they live and thrive without much call for medical treatment. Most of the fatal disorders come through neglect or from ill-treatment and cannot be cured by medicine. The reason is that it is then too late. The mischief has been done when the first symptoms appear.

Nearly all the disease incident to poultry comes from filthy and unsanitary quarters. Disease germs lurk wherever there is filthy and unsanitary quarters. It is not enough to clean the droppings from under the roost once or twice a week. This is a cleaning up that does not clean up. Disinfectants should be employed freely or there is liable to be trouble. If disinfectants of a most approved kind are not at hand dry road dust will do a great deal towards correcting the trouble by absorption. Ashes and lime also are useful.

BOX FOR SHELLS.

Mr. C. C. Merriman, of Iowa, sends a sketch showing how he feeds oyster shells without having it get lost in the litter or becoming fouled by droppings when fed in the accustomed manner. He says he has found some difficulty in feeding shells in rainy weather, but since making a box like the one illustrated he has had no trouble. The box is attached to the wall at a convenient height so the fowls can partake of shell whenever they desire. This device will be found a decided improvement over the old plan.



At one time it was generally believed that so long as a hen was fed plenty of sound grain nothing better could be supplied and that she ought to go on day after day without any change of diet. But in those times it was considered a great achievement if a hen laid 120 or 130 eggs in the course of a year. It was, however, discovered gradually that hens could, by scientific management, be made to lay 180, 200, or even more eggs by feeding a greater variety of foods, and including in the diet such articles as green food and animal food. Then it was that such things as meat, milk, fresh cut bone and green food, in all forms, began to be largely used in making up an egg-producing ration.

As a rule, it seldom pays to keep a hen after she has passed her second birthday. Sometimes a valuable breeder may be kept a little longer. With the average farmer, eggs seem to be the desired and coveted article, and for that reason it will pay to keep those that will do the work.

It is essential that the males used in the pens be obtained early so that they may become "acquainted" with the other members of the pen before the breeding season. A great deal of infertility in eggs is traceable to too late matings.

Breeding from immature fowls is dangerous and is often disappointing. Continued early breeding is one thing that causes a lack of hardihood, and a lack of hardihood often lays the foundation of disease.

As a rule, liberal feeding means liberal profits, provided the right kind of feed is used. A variety will be found beneficial in making up the ration for hens.

The dark nest will be found better for the habitual egg-eater. Another good plan to prevent this bad habit is found in a nest made of a nail keg set on end with the entrance at the top. By so doing the hen has to jump down in the narrow confines of the nest and owing

BLACKLEG AIDS

JUST A LITTLE PILL
●● THIS SIZE ●●

placed under the skin
by a single thrust of
the instrument

No Dose to Measure.

No Liquid to Spill.

No String to Rot.

**SIMPLEST, SAFEST,
SUREST, QUICKEST
WAY TO VACCINATE
CATTLE AGAINST
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Hatch Chickens by
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Simple, perfect, self-regulating.
Hatch every fertile egg. Lowest
priced first-class hatcheries made.
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THE FAMOUS
OLD TRUSTY

40, 60 or 90 days to prove claims
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Two years guarantee. Send for catalog
and get acquainted. Book free,
advice too.
**M. M. JOHNSON, The Incubator Man,
Clay Center, Neb.**

IT CURES ROUP

AND other poultry diseases. Cholera, canker, inflammation of the throat, frosted combs, chicken pox and gapes. That is what Morris' Antiseptic Amalgamation will do. This great poultry remedy is guaranteed. Wanted, one person in each community to try it. Also agents. Write **Jos. Morris & Son, Mfgs., Montezuma, In.**

DOGS.

I HAVE some extra fine Fox Terriers, nicely broken, also young stock, both sexes, all guaranteed to make extra good rat dogs. Also our broken Collie bitch for \$15 or will exchange for S. C. White Leghorn hens or pullets. **C. H. DRAKE, - Stockport, Iowa**

AN EXTRA FINE BUNCH OF COLLIE PUPS from working parents. The kind that pays to raise. Pedigree furnished. Address, **Leroy A. Hays, Rural Free Delivery No. 7, Knoxville, Iowa**

THOROUGH bred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. **S. A. Smith, Keosauqua, Ia.**

RATS! MY Scottish terriers will make them git. Very fine pups from recorded parents for sale. **S. W. Hurr, Riverside, Iowa.**

FOR SALE—Fine registered Scotch Collie puppies, bred from trained parents; natural heelers; males \$6, females, \$5; guaranteed. **A. H. Gerot, Riverside, Ia.**

to the cramped room she cannot get at the egg. Open nests on a level with the floor or near a perch is where such hens prefer to carry on their nefarious practice.

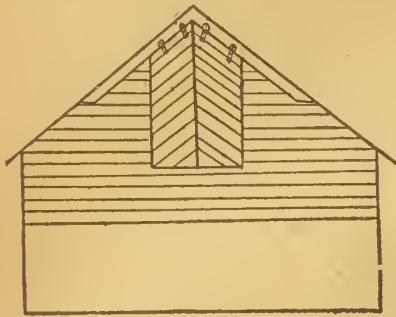
If you're going to fix that chicken house,
Go do it right, away,
For a hen that's in cold storage
Is a hen that doesn't pay.

A chicken can get in the garden without assistance, but it requires the whole family and the dog to get her out.

Habit is sometimes stronger than the best of judgment, but it should not be allowed to control our actions entirely. This is a question analyzed quite thoroughly in the Litchfield continued story on page 5 this week.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

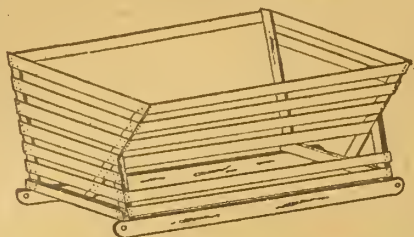
There is always more or less trouble in finding a suitable method of hanging doors for unloading hay from the outside of buildings with slings. A. C., of Palmyra, N. Y., describes a good plan



in an eastern journal. Each door is hung on a track parallel to the roof. The doors, of course, are a little difficult to close, but no more so than a door hinged at the bottom in which there is often danger in handling.

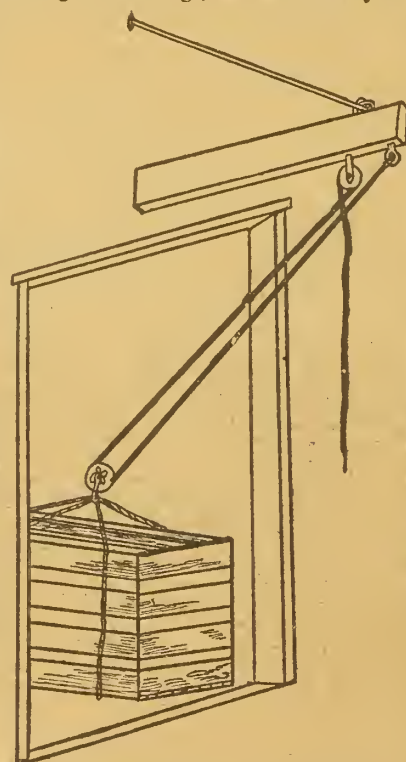
Plans for a feeding rack that combines many new and desirable features come from Mr. J. B. Honan, Harrison county, Mo. After using these racks for six years, Mr. Honan writes that "they are invaluable for outside feeding, as they can be used in so many different ways. They may be made all sizes and for all kinds of stock. Being mounted

on skids, they may be moved from time to time, as it becomes muddy about them. Placed beside the barn or shed, or even a fence, the fourth side is saved in construction. Two may be put open sides together if a larger rack is desired, or a stack of hay may be enclosed by four racks. In fact, one may invent a number of advantageous positions with



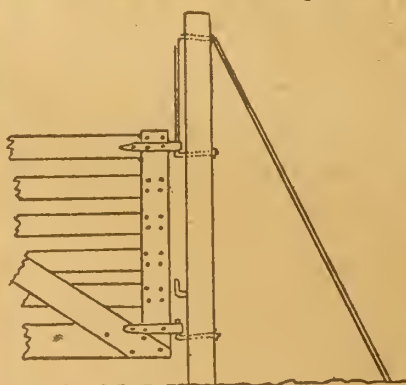
such feed racks." They are simply made and, if one wishes, a considerable part can be made of poles and small hewn timber. A very handy length is sixteen feet, in which case there will need to be three braces for the sides not shown in the illustration, which for simplicity leaves them out.

Sometimes a few hours spent in making some device will save much hard lifting that falls to the lot of every farmer. Such a device is found on the farm of Mr. G. G. Koenig, Plymouth, Iowa. It is a contrivance for loading and unloading crated hogs, or other heavy ob-



jects, as barrels of salt, molasses, etc. The illustration shows a crate about to be raised from the hog-house door. As soon as it is high enough, the wagon is backed under and the work is done. The beam overhead is braced with a rod and on the inside of house. It should be a two-by-six. For heavy lifting, a small windlass may be used which will make it still easier to elevate the load.

Those who open many gates during the winter know what a nuisance it is to dig out such places after every snow storm. A very good remedy for such cases is seen in our drawing from a



sketch sent in by Mr. B. Rastall, Richland county, Wis. The gate proper is made like any other one, but the hinge at the top of the post is made to slide up and down on a rod. The lower hinge has the choice of two positions. When there is a foot of snow on the ground, the gate is raised, placing this hinge on the upper position, which allows the gate to swing free of the ground and the snow.

Mr. E. C. Hanks, Story county, Iowa,

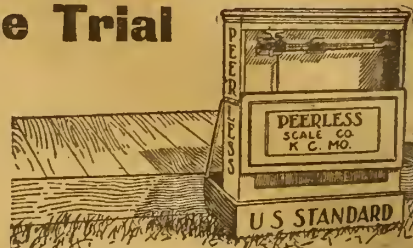
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Peerless Pitless Scale

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No Money In Advance
We Pay the Freight.



Don't Pay Two Prices: If the Peerless was sold through dealers you would have to pay from \$65 to \$80 for it.

If it had a steel frame you would pay from \$60 to \$100 for it anywhere.

Peerless Frames Are Of Wood:—the others, costing 33½ to 100% more, are steel; all inside working parts are practically the same.

We can sell this high grade U. S. Standard Scale at \$46.50 because we pay no profits to Salesmen, Agents, Jobbers or Dealers.

We can offer you a genuine free trial because the Peerless will stand the test.

The Peerless will do the work as well as any high priced Pitless Scale and better than the best old style pit scales, because more convenient to operate and saves you the big expense of digging and walling a pit.

A Peerless Scale is portable, too. You can move it to any point on your place, wherever it is most convenient for you to do your weighing.

Is it good business for you to take chances on the other fellow's weights

\$46.50

being right when you can absolutely protect yourself from loss at an outlay of \$46.50?

You might lose that much on one or two transactions!

If you weigh your grain, stock or anything else on a Peerless you know you're right and no one can contradict you.

The Peerless is Standard.

It's not a "cheap" scale at a "cheap" price. It's a high quality scale at a low factory price.

Send For The Catalog and you will be convinced. It describes every feature and every part of the Peerless in detail. You will make a big mistake to buy a high priced scale of any kind before investigating.

Remember our free trial is a real genuine free trial. No deposit, no notes to sign, no freight to pay, no red tape—

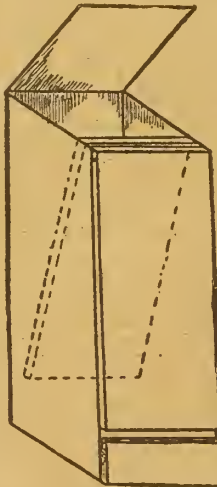
Absolutely no expense or no obligation until you are satisfied.

Let us send you a set on these terms for you to use a month.

Just put this paper down and write for the catalog now, before you forget.

PEERLESS SCALE CO., Dept. G, Wyandotte St. & Milwaukee Ave., Kansas City, Mo.

uses a salt box that he has found very convenient and satisfactory in saving loss of salt from waste or rain. The box is made from a ten-inch board fourteen feet long. Fourteen inches is taken for a lid and ten for a bottom. The remainder of the board is cut up into five equal parts. The box is then put together, leaving front side out. One of the pieces is put in diagonally as shown by dotted lines, leaving a space of two inches between the lower end and the back of the box where the salt will feed through to the bottom of the box. The front is hung at the top so as to swing in, allowing stock to lick salt. This swinging door leaves about four inches of the front of the box open, over which is nailed a strip, making the bottom four inches deep. This prevents salt from being nosed out. The box is filled from the top, which is hinged. The salt feeds down to the bottom as used. A coat of paint prevents warping and extends life and usefulness of the contrivance indefinitely.



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Cancerol Cures Cancer.

No need of the knife or burning plaster, no need of pain or disfigurement. Cancerol is soothing and balmy, safe and sure. Write for free book, address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

SEND US THE ADDRESS OF YOUR FRIENDS IN NORTH DAKOTA.

Special rates from North Dakota up to the boundary line to points on the Minneapolis St. Louis R. R. and Iowa Central in Iowa and Illinois, on sale during November and December and good to return until April 15th. Send us your friends address and we will advise them fully. W. K. Adams, D. P. A.; D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

HOMESSEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

I Am Perfectly Cured

This is the testimony of thousands who have consulted us. If you are weak or diseased due to habits, excesses or overwork and are discouraged and despondent, don't give up, but instead consult us and be cured. Twenty years of successful practice in Des Moines guarantees you honest, skilful and up-to-date service. Our cures are quick, safe and permanent. What we have done for others we can do for you.



**WE CURE
ALL MEN'S
DISEASES**



Our reputation and name is too favorably known to make promises we cannot fulfill. We effect life long cures in **NERVOUS DEBILITY or LOST VITALITY**, whether due to habits, excesses or overwork. **VITAL WEAKNESS, VARICOSE or ENLARGED VEINS, RUPTURE, BLOOD POISON, SKIN DISEASES, PROSTATE, STRICTURE, URETHRAL, KIDNEY and BLADDER** diseases cured to stay cured. **COME AND SEE US AND RECEIVE OUR LEGAL GUARANTEE TO CURE OR NO PAY.** Reference, any bank or newspaper in Des Moines. Examination free. Write for free book if you cannot call.

Drs. Fellows & Fellows Co.
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10 Days Free.

I will send any responsible farmer one of

DITTO'S

Latest Double Cut,

Triple-Geared

Ball-Bearing

Feed Grinders

On Ten Days Trial—No Money In Advance.

If it does not grind at least 20% more ear-corn or other grain than any other two horse sweep mill made, send it back at my expense. Don't miss this offer. Ball-bearing throughout. Only 10 ft. sweep. Light draft. Grinding rings never touch each other—they last for years. Both grinders revolve, self-cleaning. Ask for new Catalogue.

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Permanently Cured. Instant relief. Destroys the Parasite in Itching Piles. No More Torture. Trial Box MAILED FREE. Address The Germ Cure, 202-9th St. Cincinnati, O. Dept. 25.



2941 Hidden Name, Friendship, Silk Prince, Envelope and all other kinds of CARDS and Premium Articles. Sample Album of Finest Cards and Biggest Premium List, all for a 2-cent stamp. OHIO CARD COMPANY, CADIZ, OHIO.



When writing, mention The Homestead.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Another Good Post.

To the Editor of The Homestead:

Some time ago I noticed in your paper a communication from Mr. Chamberlain of Iowa City in which attention was called to the fact that an oak post is now standing that was planted sixty-four years ago. As you requested communications on this subject, I will say that I have in mind an authentic case of a split sand burr oak post that was planted in 1865 and yet it is standing today and doing as good service for a fence as ever. It is my experience that posts will last longer in wet or clay ground than in sandy land. I do not know what time of year this post was cut, but I think that a thorough discussion of this subject might throw a good deal of light on the matter. I understand that the experiment stations are trying to find out how to preserve posts. This is a good line of investigation and I hope they will make some good discoveries. A Subscriber.

Raising and Storing Sweet Potatoes.

To the Editor of The Homestead:

The following inquiry comes from a subscriber at Lawler, Iowa:

If you could give me some information how to raise sweet potatoes, how to keep them for plants, what kind of soil, etc., I should be very thankful to you.

The storing of sweet potatoes, either for table use or for seed, has always proved a serious problem to northern people. In the South, one would scarcely know a sweet potato could decay. The difference is merely one of temperature; in the North the potatoes spoil because they are kept too cool. The most favorable temperature for Irish potatoes would cause sweet potatoes to decay very rapidly. Sweet potatoes should be kept warm and dry. Where one is not engaged in the business on a large scale, the furnace room in a modern residence is as nearly an ideal place as can be found for storing them. Behind the kitchen stove in a farm house is also a good place. But a cool cellar or cave will not do, for they will not keep in such a place. All seedsmen and most grocers handle sweet potato plants. The seed potatoes are planted in sand in a hot-bed. The smaller ones are not cut, the larger ones are split lengthwise. They are laid as close together as possible without touching each other, and covered with half an inch of sand. When the plants begin to show through, a little more sand is added. This is continued until the plants have grown through about three inches of sand, when they are allowed to leaf out. They are then ready to pull up and plant. Two or more crops of plants may be taken from one bed of seed potatoes. The sweet potato is primarily a hot-weather plant. The plants should not be set until the soil has thoroughly warmed up in the spring, usually not before June 10th in central Iowa. A sandy soil is by all means preferable and a high elevation is always to be selected in preference to low ground, unless the low ground is in an old creek bottom and consists of sand deposit which is well drained. Such a location as this is the best that can be secured. The soil should be well manured and plowed quite deep. The rows should be three and a half to four feet apart and should be made by throwing up ridges six or eight inches high by back furrowing with a stubble plow. A potato planter with the shoe removed also does this work very nicely and in half the time. The plants are set about eighteen inches apart on the top of these ridges. Sweet potatoes should be given thorough, clean culture especially early, so that by the time the vines cover the ground they will

be able to prevent weeds from gaining headway, and keep the soil mellow. The vines if unrestrained will take root at many points. Many advocate preventing this on the ground that the strength is thereby drawn from the main root or hill. Our observation is to the effect that these roots on the runners do no good and very little, if any, harm. It is doubtful if it will pay to go over a field to cut them off.

Great care should be exercised to protect the potatoes from frost. If the vines become frost-bitten, they should be cut off at the surface of the ground immediately. The reason for this is that the juices which are set free by freezing of the leaves run back into the potatoes and damage them by both injuring the flavor and causing them to rot quickly. This fact is of greatest importance in sweet-potato growing. A few hours of sunshine on frost-bitten vines will surely ruin the entire crop of potatoes.

Sweet potatoes are usually dug with a five-tined fork or a potato fork. Great care should be exercised that the potatoes are not broken or bruised, as their flavor and keeping qualities are thereby impaired. The digging should be done on a warm, sunshiny dry day if possible, and the potatoes allowed to lie until they become quite dry, so that the soil may be rubbed off, leaving them clean and bright. They may then be picked up and packed in boxes for storage.

By observing these precautions, anyone should be able to successfully raise and keep sweet potatoes.

Franklin Brown.

Polk County, Iowa.

The Best Time to Cut Post Timber.

To the Editor of The Homestead:

I will give you a bit of my personal experience with post timber. In September, 1885, I cut and hauled up a load of nice white hickory poles, four to six inches through at butt, and unloaded



We grow our Hardy "Blizzard" Evergreen.

Four Evergreens in ten million lots. To prove they are healthy, well rooted and vigorous we offer to send Four Fine Sample Trees, 3 years old. Free to a limited number of property owners. Mailing expense 5 cts which send or not as you please. A postal will bring them. Our Catalogue containing 64 colored plates of our Hardy "Blizzard" Evergreens, Ornamentals, etc., with a mine of valuable information for fruit growers, free for the asking. Write to-day.

THE GARDNER NURSERY COMPANY, Box 702, Osage, Iowa.

them in a pile on the ground, intending to work them into a corral. For some reason the corral was not built and the next winter I bought a pair of cart runners and built a bobsled, making every part of the woodwork out of those white hickory poles, except the fenders. I kept the sled a few years and sold it, and it has only been two or three years, I think, since I saw a man using the same old sled, seemingly as sound as when new.

The rest of the poles were left lying where I first put them, and were used for different purposes during the next two to four years, and I don't believe I ever saw a worm hole in them. Will say further that at one time I noticed that stumps of trees cut for post timber, in February, did not sprout when those around them sprouted badly.

I am not a follower of signs and moons; in fact, I pay no attention to anything of the kind, either in planting or building, but there is certainly a difference in the time timber is cut, about its lasting. J. M. Watkins.

Marion County, Iowa.

SPECIAL RATES.

On Saturdays and Sundays from December 16th and January 5th to March 31st the Chicago Great Western Railway will sell winter visitors week end tickets to points 150 miles distant up to and including all stations within fifty miles of St. Paul and Chicago at rate of one fare plus \$2 for the round trip. Tickets limited to seven days,

FOUR EVERGREENS FREE

STARK TREES ARE FAMOUS wherever planted; are planted everywhere trees are grown. Free Catalog of superb fruits—Black Ben, King David, Delicious, etc.—Stark Bros., Louisiana, Mo.

WANTED--A BRIGHT MAN with light team, as salesman in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Tea Co., Box X, Winona, Minnesota.

SALESMEN WANTED To introduce Burbank's wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

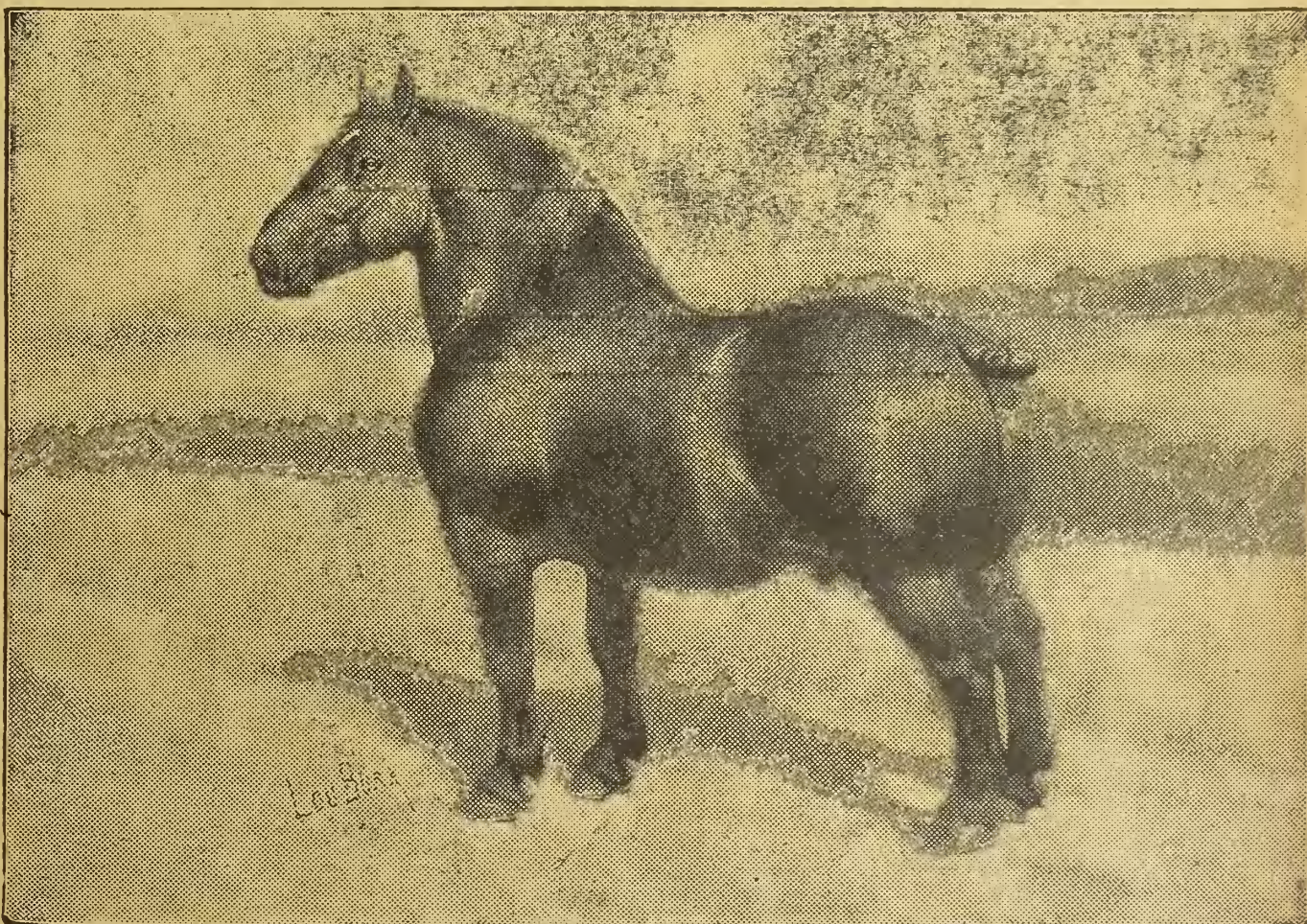
CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.

LADY AGENTS WANTED In every community. Our representatives make \$15.00 per week working afternoons. The Werner Home Treatment Co., L. Box 1133, Des Moines, Iowa.

with privilege of extension on payment of one-third of regular one-way rate. Short-limit tickets to nearly all stations on sale at all stations Saturdays and Sundays at one fare for the round trip. Tell your friends about it and have them come and visit you. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.



Frank Iams' Bismuth 51863, wt. 2140 lbs.; the black Percheron stallion that won 2d prize at Ill. State Fair, '06. He made all the big guns sit up and take notice. One of Iams' wide as a wagon "black boys."

Frank Iams' of "Peaches and Cream" fame, not a "dreamer of dreams," but a man who "does things."

Mr. Johnsing, "give my regards to Broadway," tell all the stallion buyers of Frank Iams, of St. Paul, Neb., the largest individual owner and importer of Percherons, Belgians and coach stallions. "The Home of the Winners" is a "nut cracker." Iams is showing all competitors the "race of their life." He is doing the business—selling the stallions while his competitors are "knocking." Iams is not a "dreamer of dreams," but a man that "does things." He has the goods "you read about." He makes every statement good. His 163 stallions from his "special train" load are all "top notchers." They must all be sold. These are Iams' famous "Peaches and Cream" stallions that he is selling at \$1,000 to \$1,500 (few higher), guaranteed better than any stallions sold to "farmers' companies" at from \$2,500 to \$4,000, or Iams pays you that \$500 he hangs up. Iams' "barrel of pluck and push" makes him a "mascot" to buyers. He is saving thousands of dollars to buyers. He hypnotizes you with lusty "black boys" at "let live prices." If you will visit him and do not say this is true you get this \$500, cheerfully. Iams gives a breeding guarantee of 60 per cent, pays freight of horse, and buyer's fare. You say: "Why can Iams sell these state prize winners and 'sons of winners' so cheap?" Iams is an up-to-date business man of twenty-five years' practical experience in importing and breeding horses at St. Paul, Neb. He buys stallions by "special train load." He uses his own money, owns his farms, barns and horses; has no two to ten men as partners to divide profits with. Iams speaks the languages; this saves 20 per cent on each stallion. Iams is not in the great "stallion trust" (runs his own business and has all competitors fighting him), because he sells all of his stallions at his home barns; employs no "buyer" or "con salesman" to sell you a \$1,200 stallion for \$3,000. Iams saves you all commissions and "middlemen's profits," and sells stallions that are so good that they do not need to be peddled to be sold. Here is the milk in the cocoanut. Its State Fair, 1906. He put all the competitors up in the air. He is Iams' kind. He is a big, massive, wide-as-a-wagon drafter, with a leg under each corner. A smooth, even-proportioned "black boy" with plenty of scale and finish. He stands on the best of feet and has four-teen-inch bone. He is a real "cholly boy" on dress parade. He makes all the "tony girls" wink their eyes and say, "That is one of Iams' 'Peaches and Cream' black boys' that we read about." "He has the goods" and "makes good" his advertisement and gives his customers a "square deal." Write for greatest horse catalog on earth. It will tell you how to save \$1,000 and buy a first-class stallion. It's a business fetcher. Iams is the man behind the gun and is saving thousands of dollars to stallion buyers. Don't wait to buy a stallion; do it today. You can buy them \$200 cheaper now and get the pick of Iams' "town of barns" "filled to the roof" with top notchers at bargain prices.

The Iowa Gate - FOR THE FARM -



A small child
can open or close it

IOWA gates are more than a convenience if women or children ever use them for being so simple they are very light and can easily be swung either way.

The Rolled Steel Tubing Frame makes them strong; not gas pipe or common steel but an extra hard steel tubing that will not bend out of shape.

The IOWA gate is made to last—no castings to break—no wearing parts—even the wires have galvanized stretchers to tighten them. Will raise over the snow in winter—will not blow down, burn or rot out.

Made any length and any kind of wire. Cheaper Than Wood. So write today for our low prices.

IOWA GATE CO. Ninth Street
CEDAR FALLS, IOWA.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

For some time past I have been thinking that a series of talks to the young men and women of the Home would make a pleasant change in the routine of affairs. And then a few weeks ago came the letter of inquiry published here With the Editor last week, a letter furnishing a concise text for two or three of the proposed talks. As it is desired to make these talks practical, I shall be glad of letters from anyone desiring counsel on any subject likely to be of interest to the Home.

In this country young people are given a great deal of liberty. They work together and play together without chaperonage and almost without restriction except among the Four Hundred. To their credit be it said they are usually loyal to themselves and the trust reposed in them. The standard of morality among our young people is very high. At the same time, there is scarcely a neighborhood where at some time or other some home has not been disgraced, old lives saddened, and young lives marred, through abuse of the liberty granted lovers. Moreover, there is in every community a certain element which loves gossip, which has no regard for a woman's good name, which eagerly seizes upon anything in any degree suspicious and starts a whispering which gathers volume as it travels, and frequently culminates in a scandal, which ruins the reputation of a girl whose only fault was lack of discretion, the avoidance of "the very appearance of evil."

A young man and a young woman of full marriageable age are engaged, but for some reason defer marriage. Presumably the girl is employed away from home, for once a week the young man drives her home and remains four or five hours. He asks if, when she has seen her friends between times, he should be content with one hour of her society after the retirement of the family for the night.

It is natural that lovers should wish to be alone sometimes. It is right that they should be alone sometimes. Circumstances should decide how often, how much. If an engagement is likely to be long, prudence demands that lovers practice a good deal of restraint. Situations which stimulate emotion or furnish food for gossip should be carefully avoided. Lovers float on a sea, the magic of whose waves tempts them to loose the rudder and drop the oars; they drift with the tide and for a time the calm is delicious; by and by their boat moves more swiftly; it is being sucked into a maelstrom whose undertow is cruel as death and almost as irresistible.

The girl who gives her lover few privileges until after marriage errs, if err she does, on the right side. It is horrible, but it is a fact, that so-thought decent men are not always above jesting among themselves of their triumphs with women. A broken engagement has been known to unloose a man's tongue to the intense mortification of the girl who once honored him with her love and trust. Moreover, in addition to the parties more immediately concerned, there is the cold, watchful, suspicious, sometimes malicious world to be considered, the gossips who enjoy scandal as does a gourmet a sweet morsel, with the difference that they generously share their tid-bits.

And now let us back to our problem. It is a very delicate matter, this of young couples sitting up courting after the family have retired for the night. Young women do not usually understand themselves—much less do they understand their lovers; this ignorance—mistakenly termed innocence—is in many cases a real peril to their lovers, no less than to themselves. Not knowing that in a certain direction danger lies, a girl is often imprudent, heedless of advice, and restive under control. Young men understand better, but an honest young man is apt to be indignant at the mere suggestion that he could harm his promised wife. And yet he knows that other men, inflamed by passion, have done things which, in cold blood, they would repudiate with all the strength of honorable manhood—and that history is continually repeating itself.

Considered in the light of the foregoing, is it not apparent that a girl should sedulously avoid putting herself in a po-

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Built solid, of selected and seasoned leather, they are by far the best work shoes for Farmers, Miners, Prospectors, Lumbermen, Mechanics, and Working Men to wear.

Mayer "Work Shoes" like all Mayer shoes are built on honor and wear like iron. Get them from your dealer, but be sure the Mayer trade-mark appears on the sole.

For a "dress-up" shoe wear the "Honorbilt" for men.

F. Mayer Boot & Shoe Co.,
Milwaukee, Wis.

COILED SPRING FENCE

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed.

30 DAYS FREE TRIAL and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free.

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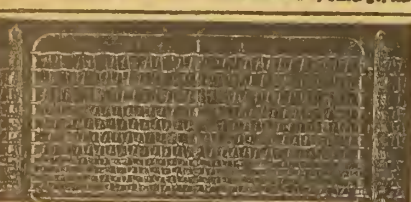
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ANY WOOD IN ANY POSITION ON ANY GROUND 4 in to 5 ft. Through 1 Man with a Folding Saw Beats 2 MEN with a 6 to 8 cords daily is the usual average for one man.

RUNS EASY No Backache weighs only 41 lbs. **SAWS DOWN TREES** EASILY CARBIDE

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\$4.50 Buys Best All-Steel Farm Gate
Cheap as wood. Lasts a lifetime. 12 ft. long; 54 in. high. Resists all kinds of stock. Also Farm Fence, Ornamental Wire and Wrought Iron Fences. Catalogue Free.

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Cheap as Wood.



We manufacture Lawn and Farm FENCE. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalog is free. Write for it to-day.

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BOTH one year, new subscriptions or renewals, \$3.00. Mention The Homestead. Address, Live Stock World, A. C. Halliwell, Manager, U. S. Yards, Chicago, Ill.

FENCE Strongest Made

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today.

COILED SPRING FENCE CO.
Box 20, WINCHESTER, INDIANA.

\$7.00 Daily Av. selling Only Pump Equalizers Make all pumps work Easy. Windmills run in slightest wind. Fits all Pumps. Merit sells them. Fully Warranted. Exclusive territory. Write Equalizer Mfg. Co., Waseca, Minn. Dept. 19

LADIES to work on piecework \$8 per dozen. All materials furnished, no canvassing; steady work. Stamped envelope. Best Mfg. Co., Champlain Bridge, Chicago, Ill.

1/2 THE PRICE IS WHAT YOU SAVE WHEN YOU BUY A RANGE, COOK STOVE OR HEATER FROM US

We have all kinds from the smallest laundry stove to the largest range and the finest base burner. We can supply any need in the stove line at the lowest factory prices. You save all the jobbers, dealers or peddlers profits by buying direct from us.

30 DAYS FREE TRIAL
If you wish, in your own home; an opportunity to judge of the high quality and the low prices. You take no risk. We will pay all the freight charges if you are not satisfied with your purchase. We have our own big factory making our stoves and every one is **GUARANTEED FOR FIVE YEARS**

You do not have to wait; we have all our stoves in Kansas City. We are ready to fill your orders the same day they are received. We guarantee safe delivery. Our big catalog is ready for you. Do not buy before getting our catalog and prices.

Kemper-Paxton Mercantile Co. 913 Hickory St. KANSAS CITY, MISSOURI.
Big Catalog Mailed Free—Write Now

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THE Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 50 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$8 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.

GUNS, HUNTING CLOTHING, RIFLES AND SPORTING GOODS

GUARANTEED **OUR FREE CATALOGUE**

Is Like Looking Through Our Big Store. The Largest, Cheapest and Most Wonderful SPORTING GOODS HOUSE in the World. WRITE FOR IT. It's No. 932

10,000 GUNS **Schmeider Arms Co.** KANSAS CITY MISSOURI

sition where harm may come either to her or her good name, and that her promised husband should guard her honor no less carefully? "Love seeketh not her own." Instead of asking anything which might compromise his sweetheart, a young man should feel called upon to guard her from the peril of her sweet ignorance, from the peril latent in the love of man for woman, and last, but not least, from the peril of any situation which might cause the breath of scandal to tarnish her good name.

HOME AND HOME MAKING.
THANKSGIVING DAY THOUGHTS.
Thanksgiving comes with chilling winds And hint of snowflakes in the air; The streams in icy fetters sleep; The forest trees are brown and bare. And yet our hearts are warm and glad; Our hearthstones glow with hearty cheer; We open wide the welcome door, For lo! Thanksgiving time is here.

Let us thank God, then, first of all, for seed time and harvest and the boundless wealth and blessing for which they stand. At the foundation lies the bread question,

PATENT YOUR IDEAS
\$100,000 offered for one invention; \$8,500 for another. Book "How to Obtain a Patent" and "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense.
Chandice & Chandice, Patent Attorneys,
956 F. Street, Washington, D. C.

and the farmer and his toil, and the fruitage of that toil, underlie all the rest. In cities we overlook this too easily, and commerce, and manufacturers, and organized labor, rearing mighty structures, make us too easily to forget the sowing and plowing, the rain and the sunshine—God's benediction upon all our broad acres, in one word—as the foundation of the whole.—Bishop Potter.

COUNTING THE BLESSINGS.
Because our griefs and cares loom large upon the horizon of our life they are apt to overload our sky and cover our pathway with darkness. It is a good time, then, to count our blessings. Even the griefs may be blessings in disguise. There are many sunshiny, beautiful and glad experiences in our days which we cannot but enumerate, if with fair and candid minds we think of the good hand of our God. There are the blessings of health, of home,

of opportunity, of children around us, of the church, of the fellowship of kindred minds.

The dominant note in our life should be that of rejoicing. We should take time to be thankful and happy.

AT DINNER—A TOAST.

Here's to the great American birds! May we have them where we love them—The turkeys on our tables, and the Eagles in our pockets.

THANKSGIVING EVENING WITH THE YOUNG FOLKS.

The dinner should not be the chief attraction on Thanksgiving Day. There should be church-going in the morning and merry-making in the evening. For the latter here are a few hints.

General amusement may be provided by setting the family or the guests at work shelling corn, cracking nuts and guessing the number of seeds in a pumpkin, the most correct guesser, the quickest sheller and the one whose nuts were the least broken to receive prizes.

Later, guessing contests might be engaged in. Here is a good one. Give to each of the party a paper on which are written without replies the following ones:

Number one—never ate alone. (Duplicate.)
Number two never ate with his superiors. (Subordinate.)

Number three ate very daintily. (Delicate.)
Number four ate in the most lusty way. (Invigorate.)

Number five ate like somebody else. (Imitate.)

Number six ate so he constantly grew worse. (Deteriorate.)

Number seven ate in high places. (Elevate.)

Number eight ate in a way that compelled attention. (Fascinate.)

Number nine ate with other representatives. (Delegate.)

Number ten ate with the politicians. (Candidate.)

Number eleven never ate today what he could put off till tomorrow. (Procrastinate.)

Number twelve ate so his food was well chewed. (Masticate.)

Number thirteen ate more than was good for him. (Inordinate.)

Number fourteen ate with the cows and sheep. (Ruminate.)

Number fifteen ate with the last of all. (Ultimate.)

For the supper take small pumpkins, cut

covers with stem in the middle for handle, scrape out the seeds, etc., fill the space with sandwiches, turnovers, cookies, etc., wrapped in paraffin paper. Have a pumpkin for each person or one for two. After the food is disposed of pass around knives and let each pumpkin be carved into a Jack-o'-Lantern. A pumpkin pie should be awarded as a prize for the best lantern.

Another novel supper is to serve small cakes and sandwiches, progressively. The last table to be brought in should have an enormous pumpkin upon it from which hang tiny green or yellow ribbons. Each guest pulls and draws a little souvenir or an envelop with a character, or a fortune.

Still another way is, where the guests have eaten a hearty dinner, to serve a mock banquet or Barmecide feast. The kitchen table or bare boards upon trestles is used with a glass of water and a small cracker at each place. A literary salad comes first. It consists of lettuce leaves of green tissue paper and walnuts minus the meats, which have been replaced by a slip of paper upon which some quotation is written. Nut crackers are used to open the shells, which have been glued together after removing the walnut meats. Formal toasts should be assigned for this mock banquet, which may be followed by a simple supper appropriate to the day.

AMONG OURSELVES.

Early in my editorship of this circle I began to depend upon the helpful, cordial letters of Mrs. Sara Henton; from then on she has never failed to bring us from time to time leaves from her life book rich in womanly, housewifely lore. She has made us her debtor many and many a time and in doing so has woven bonds which make the news of her passing on seem a personal bereavement. We shall sadly miss her kindly cheer as the days go by, but it is not of ourselves we should think of at this time but of the husband who mourns a dear companion. To him we offer our heartiest, tenderest sympathy, for him we pray that he may be comforted by the God of all comfort.

It is sometime since our good friend Mrs. Vanderhoef has been with us; life is pressing a little heavily upon her these days. She writes she is not equal to doing all the things she would, and so has not been able to take part Among Ourselves until now. Her usual welcome, a warm and cordial one it is, awaits her:

"Dessie" wished to have a debate and took for her question, "Resolved, that farmers as a rule are very liberal-hearted people." She then says that nearly all the farmers she knows are stingy. Speaking of contributing to the church: I have always found that farmers who belonged to a church were obliged to pay their share towards supporting their church and its pastor. I supposed they all did so willingly. They do more than this, for in getting up suppers, socials, etc., the societies are generally out among the farmers soliciting, "a gallon of cream" (of course, you won't miss it with so many cows), "a few dozen eggs" (you have so many hens), and, "oh, a jar of those lovely pickles," and the farmer's wife swallows the sugar-coated pill of flattery and gives liberally. I know that I, for one, do not take my Christmas, Thanksgiving, or New Year's dinner to the poor in town. There is always some deserving family or families right in the country who are needing those dinners, and are sure to get them. Probably most of the people are alike in one thing—they don't do good just for the sake of being praised. Perhaps you did not know how much kindness was being done. I know when I start out to do a charitable deed I do not wear a tag on my arm that all who run may read, "Here I go to give Mrs. D., who is old and poor, a Christmas dinner, or a glass of jelly, a tin of nice biscuits, or some beautiful flowers to poor Mrs. Jones, who has no one but a young daughter to care for and the tiny baby at her side." And as for traveling beggars, I have no time for them. If they are deserving they will be cared for at home by some society friends or the county, and they are generally far more able to work than I am. Every farmer is not so situated that it is convenient to keep people over night. The traveler almost always kicks if asked to pay half what it road running north from Madison, Wis., and were always keeping some strangers. Let me tell you the traveling public is like all other people—some are good as gold, some just medium, and some mean as dirt. But as for machine agents, peddlers, stump speakers, etc., I say let them go to town or any other place. Farmers' wives have enough to do without cooking and making and washing extra beds for them. Yes, I have almost always boarded the schoolmarm. Sometimes three at a time. If they were fair, honorable people they expected to pay for their board and washing. Some women and their daughters may talk about a teacher, but not often. I cannot think that it is the rule that a mother with girls of her own would try to hurt the character of one who was a member of her own household. In all my life as a teacher and from life-long observation I have almost always found people kind, loving and willing to help "the schoolmarm" all they could. I consider it a terrible thing to say that "the menfolks" are such mean, stingy rascals. I don't know what you call dedicating money to the Lord's service, but I call it such when men educate their children and give them all possible advantages; when they pay their honest debts; when they help support the public schools and libraries; when a little neighborhood helps some poor widow and her little children through the winter; when the poor young fellow who was maimed in a thrashing machine found as a present from his fellow-workers money enough to pay his hospital bills, and when they help each other to care for the sick. Surely, "Dessie," the majority of farmers, the same as town peo-

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The Roosevelt Family Calendar

is a high art calendar for the year 1907, showing a family group of President and Mrs. Roosevelt and their six children. It contains no advertising matter whatever, but it is a beautiful and artistic production, such as anyone will be glad to hang in parlor, sittingroom or office, and preserve forever as a historic souvenir. Or it will make a valued, attractive Christmas gift for some relative or friend.

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ple, are trying to "do the duty that lieth nearest."

Mrs. Vanderhoef defends her side with all her old time vigor. It is good to hear her able plea. "Dessie" is convinced surely—if she needed convincing—which I much doubt.

The other day the postman brought me a letter which I wrote away back in August in reply to an inquiry regarding work for a proposed club. Why Mrs.

Hoag did not receive my letter I do not know. I fear it is too late to serve her now, but as it may serve others I shall give it here:

Fifteen bright women ought to be able to have a fine club, even if they cannot give much time to study. Have you thought of traveling—by means of books? That study brings in geography, history, social conditions, etc., in an interesting way. I know of nothing better in its way. A literature club, taking some classic novel or drama, offers opportunity for fine work, also if you have not read Shakespeare you can have no idea how interesting and helpful it can

be made. Try one play, assigning the parts and reading aloud the best parts of an act and then discussing it. You should purchase the play you study in handy form—Rolf and the Booklover's editions have very fine notes, and Dowden's little primer, "Shakespeare," is a veritable treasure-house of suggestive information. There are so many directions in which a club may work that without knowing more of your personnel I cannot advise you definitely. Hoping these few hints may be of some help I am, cordially yours,

Jessie Mackenzie Walker.

Next week we shall have a letter about Chautauqua work which has been hidden among my papers for several weeks. Apropos of these club hints I hope for club reports after the Christmas rush. Speaking of the Christmas rush we shall have hints connected with holiday preparations every week from now on. Mrs. A. B. Cornelius brings us an admirable little suggestion along this line which makes a good beginning for the series of letters arranged for coming meetings:

Send a copy of this circular to your friends accompanied by a "Santa Claus Order Book" with a page or two for each member of the family to make known his wants and perhaps it will help make a happy Christmas:

CHRISTMAS HEADQUARTERS.

North Pole, Nov. 1, 1906.

My Friends and Patrons:

To facilitate my ever-growing business I am this year adopting a new plan. The children—bless their hearts!—are always ready to write to me. I don't know why

grown-ups should be so shy of me. I am sure I always try to treat them well, unless I know they positively dislike my methods of business.

I enclose a booklet which I hope you will use and keep hanging in plain view. Please have your lists completed by December 1st, after which date my agents make their first visits. I am sure they will find every child's list "chock full," and at this season I want all my friends to be children together. Since the past 500 years I begin to feel grown up myself, especially when I am tired, and I know even grown people want things which they do not get for themselves. Don't be afraid of making your lists too long—the longer the better for me to select from, as even my stock sometimes runs short in some lines. There is much said now-a-days about "appreciating the love which prompts the gift," which is all right. Yet, I prefer to send you things you can use and enjoy. You are at liberty to use my name in sending copies of this. Yours for a Merry Xmas, Santa Claus.

This letter should have appeared earlier but it is still in time to help solve the yearly recurring problem, "What shall I give—for Christmas?"

M. L. Farmer is stirred to speech by the recent utterance of Mr. R. S.:

I am wondering if Mr. R. S. is really the man his letter tells us he is, or did he write the letter in that tone just to see what the women would have to say? Mrs. Streeter's question, "Why do men have contempt for women?" is rather an unusual question, perhaps, but she may have had good reasons for asking the question. I never knew that men had contempt for women. Some men may have contempt for some women, but I don't believe men have contempt for women just because they are women. Mrs. Streeter may know of some man or men who are domineering, mean, and ugly, and who are forever nagging and growling, and take woman for their victim just for spite, and especially if he knows it hurts. The next question, "Why do men hate to go to church?" Perhaps it is because they do not believe in religion, or perhaps it is because they do not like the minister, or some of the people who attend church, or are prejudiced against all of them. Maybe it is because they are not asked to sing in the choir, and maybe just because they don't want to go. They would rather stay at home and read the newspapers and magazines. "Why do men complain because they are asked to clean their shoes before coming into the house?" I suppose it is because it is easier to carry the mud into the house, and they think it is a terrible thing to try to be clean and neat. Mr. R. S. says the men growl because the women growl first. It is enough to make a woman growl if she has to ask a man every time he comes to the house with muddy shoes, to clean them. But, then, a woman should not growl; she should ask him pleasantly. If that does no good, reason gently. If that does no good, why what can she do? Nothing, but just feel bad because she has a dirty, don't-care husband.

It will be noticed that "With The Editor" this week is not, as usual, a Thanksgiving editorial. I thought I would confine Thanksgiving to Home and Homemaking, for once, but I cannot resist saying here that I trust it is indeed Thanksgiving time in the hearts of all who meet Among Ourselves.

Dressmaking and Millinery—No. 545.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Yokes and yoke effects are seen on all our garments this season, whether waists, skirts, or outer garments. Not, of course, to the exclusion of other designs, but to be used when fancied, with the assurance that they are among the "latest." Perhaps quite as often the effect is given by the



[5516 Fancy Yoke Blouse, 32 to 40 bust.]

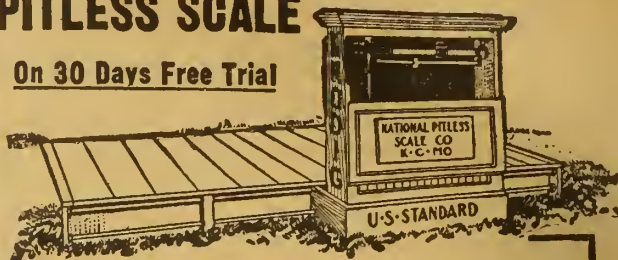
application of trimming, as it is made by any variation in the cut of the garment. With the foregoing in view I have selected two designs, a skirt and a waist, that may be used together in making a costume, or either may be used separately. You will understand, of course, that in no case



H. C. Gumbel

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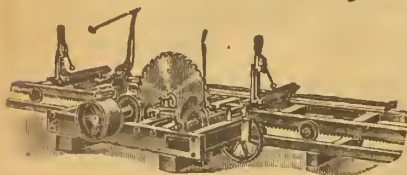
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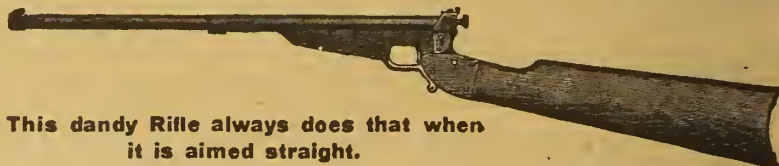
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This dandy Rifle always does that when it is aimed straight.

Unless you want to hit the mark don't get one. But you do—don't you? Everybody means to hit the mark some time. Then write us at once and you'll crack the bull's eye. For you can get that rifle, boys, without a cent of money. Just a few minutes' work among your friends, or your friends' friends—and the rifle is yours, sure thing. It's the handiest and the handsomest little gun on the market. We're giving it to you straight. And it can be earned just as easy as rolling off a log. Write us about it—just a line. Give us your full name and address and say you want to earn a rifle. That will do. We'll pull the trigger, and back will come a letter to you with full particulars, and it is ten to one you will have earned the rifle the same day you get that letter. It's up to you now. Get out your goose quill and address,

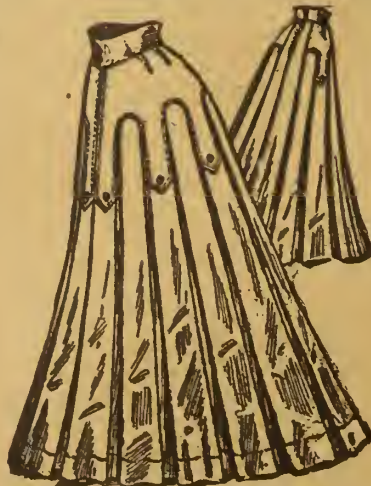
THE HOMESTEAD,

BOYS' DEPARTMENT,

DES MOINES,

IOWA,

are two such designs offered as one pattern. When different numbers are used they always designate separate patterns. If the readers would read, each time, all that is said in regard to what is offered and described there could be no misunderstanding.



[5517 Box Pleated Skirt with Fancy Yoke, 22 to 30 waist.]

and consequently no disappointment on the part of those ordering.

No. 5516 pictures a waist that gives both the yoke and the chemise effect, although the latter may be dispensed with at will by cutting the waist (or yoke) to

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HIGHLAND PARK COLLEGE, 3768 2nd Street, DES MOINES, IOWA.

extending to the neck. This is easily done by pinning the yoke front on the lining front at the line of perforations that indicate the depth of the yoke. The yoke is in a fancy shape that shows tab extensions, these being a very popular mode of decoration this season. This yoke may be

of the waist material or of silk or any of the yokings now favored. If of the material it may be piped or finished with braid in any of the fashionable kinds. (these have been mentioned at some length in recent papers) or stitching and buttons may form the only trimming. When medium large buttons are used but one is needed, but if the smaller variety is selected three or five arranged in a group or in a lengthwise row is most effective. The jet heads mentioned heretofore are also very appropriate for the purpose. The girdle is a feature of the pattern and it may be of the waist material, or if the yoke, etc., are of different material it may be made to correspond. It may be trimmed or left plain in finish, but when the buttons are used it is a pretty touch to add them to the girdle also. The shaped cuffs that finish the three-quarter sleeve have the tab effect, and this should be treated to correspond with those on the waist. The waist closes invisibly at the center back. Pattern No. 5516 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure. Give size when ordering pattern.

No. 5517 is designed to correspond with

the waist design just described, having the yoke with the same fancy outline. The skirt is cut in nine gores, each of these being laid in a box pleat. The front and sides of the skirt are adjusted to a yoke outline, the outside yoke being arranged over this with the tabs dropping down on the pleats when finished. The two box pleats at each side of the center back extend to the waist line. Whatever has been said about the finish of the waist applies as well to the finish of the skirt yoke, and if these two patterns are used together the same mode of finish should be adopted. One may elaborate on either or both of these by applying braid in a design or pattern on both yokes. For a finish on the tab extensions there are motifs of braid or passementerie with or without jet spangles, and also with or without pendants. These pendants, or "drops," are again revived in favor. Pattern No. 5517 is cut in sizes for a 22, 24, 26, 28 and 30-inch waist measure. Give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson IX. Luke XXIII, 13-25, December 2, 1906.

Jesus Before Pilate.

Pilate was a misfit as procurator of Judea. The javelin-man (as his name may signify) kept hurling his darts at hierarchy and people. He brought the Roman eagles into Jerusalem, hung shields dedicated to Tiberius there, took money out of the temple treasury to build an aqueduct, all in defiance of the religious scruples of the populace. He mingled the blood of the Galileans with that of their sacrifices. The Jews had already appealed to Caesar, and not unsuccessfully, against this tyranny.

Under circumstances like these, Pilate had come up to keep the peace during Passover-week. Imagine, then, his feelings when, the feast being at its height and the city crammed to its utmost capacity with a heterogeneous throng from every quarter, there appeared at the portal of his palace a mob headed by the high priest, and all worked to the highest pitch of religious frenzy. It was aggravating to the last degree. Yet fear of another appeal to Rome, whose fixed policy was the conciliation of the provinces, required at this juncture that these imperious petitioners should not be driven unheard from the judgment-seat.

Pilate makes, with ill-grace, his first concession. The Jews will not enter the judgment hall for fear of ceremonial defilement. So the procurator places his curule outside. Before him, with hands bound, stands the object of this religious fury. The accusation is demanded. Pilate's answer is "Take Him and punish Him according to your law." This brings the confession that power to inflict capital punishment is no longer theirs. The charge is that Jesus is a deceiver, encourages the withholding of tribute, and calls Himself king.

Pilate beckons Jesus, and both retire into the comparative quiet of the judgment hall. He asks him: "Art Thou, poor, lone peasant, king of the Jews?" Jesus puts the counter question: "Do you ask Me whether I am king in the Roman or Jewish sense of that word?" Pilate retorts: "Am I a Jew?" Jesus replies: "In the Roman sense I am no king. In the mistaken Hebrew sense, too, I am no king. My kingdom is unlike any earthly or political sovereignty. If it were, I would have trained My followers to arms." "Are you a king in any sense?" asks the judge. The answer is: "I am. My realm is truth. My subjects the lovers of truth." "Truth! What

transcendentalism is this!" Pilate announces the innocence of Jesus. Accusations fill the air like flying arrows. The ruse of transferring the jurisdiction to Herod Antipas fails. "What shall I do with Jesus?" asks the jaded governor. "Crucify Him!" is the answer. One more protest. "Why crucify an innocent man? Let me scourge Him only." Like a wild sea, the vociferation breaks about the Gabbatha. Pilate washes his hands. The Jews accept the onus.

Direct from the scourging, decked with mock insignia, his life-blood giving new tint to the mottled pavement, Pilate, as a last appeal, cries: "Behold the man! Is not this suffering and humiliation enough?" "Crucify!" is the only answer. "Then crucify Him if you will; but He is innocent of offense against any law of which I am cognizant." The priests answer: "He has violated a Jewish law, the penalty of which is death. He affirms Himself the Son of God." Pilate takes Jesus aside to ask Him the meaning of the term. The meaning is beyond his comprehension. Jesus is silent. Pilate marvels, exclaiming: "I have power to crucify or acquit you." Jesus answers: "You have power only because God permits you to use it. You are guilty because you condemn Me, knowing Me to be innocent; but those are more guilty who delivered Me to you, as they sin against greater light."

"Will they not prefer Jesus to Barabbas as the object of clemency to grace their festival according to custom?" With the collapse of this last shift comes the ominous warning of Pilate's wife. He is on the point, even so late, of acquitting the accused, when the prosecutor lets fly the last arrow in his quiver: "Let this man go and you are not Caesar's friend!" "Behold your king!" says Pilate. "We have no king but Caesar!" they retort. "Crucify!" "Shall I crucify your king?" "We have no king but Caesar!" resounds once more. So ends the long-drawn battle in which the life of Jesus is at stake. Pilate orders Him to the cross.

Analysis and Key.

1. Pilate: His character, personal and official. His presence in Jerusalem; object of it. Policy of empire as to its provinces.
2. Appeal of Jews in case of Jesus. Confession that case transcends their jurisdiction.
3. Pilate demands formal accusation.
4. The charge of sedition: Specifications—(1) Advice to withhold tribute. (2) Proclaiming Himself king.
5. Private examination. Pilate proclaims Jesus' innocence.
6. Incident of sending Jesus to Herod. Significance and result.
7. Tumultuous cry for Jesus' crucifixion.
8. Pilate washes his hands.
9. Jesus scourged.
10. Barabbas preferred.
11. Jesus ordered to the cross.

The Teacher's Lantern.

Pilate is a conspicuous type of the time-server. His ruling motive was to keep his place. To do this he was willing to condemn the innocent, if necessary.

Time-serving brought him small reward. He eked out his official life a few years; but on complaint of the Jews, was deposed and exiled.



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Beautiful. Cheerful. Dignified. They make dresses whose appearance far surpasses the looks of other materials equal in cost. They wear better, and are good all the year round.

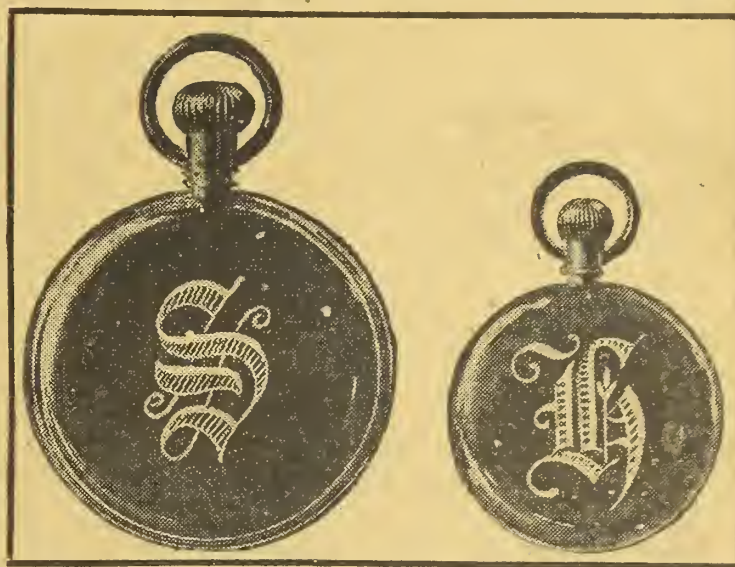
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We're WATCHING lots of your Boy and Girl Friends.
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No live boy or wide-awake girl will be without one. For an Initial Watch is your very own. No other boy or girl will want to borrow, swap, or steal. It is yours to keep, and

IT COSTS YOU NOT A CENT.

That's the beauty of it. You can get this watch for nothing. Just write us and we'll tell you all about it. But say, we're not guying you. It's a real watch we are talking about, not just a toy—a regular time keeper, and a beauty, too. It comes in two sizes the "Mite" or lady's watch and the regular 16 size boy's or men's time piece.

You've heard of the three kinds of pie the landlady had—"open-face, criss-cross and kivered top, all filled with dried apples"—Well, this is the open-face kind; but it is not filled with dried apples. It has a regular American lever movement, fully guaranteed, with solid nickel back, your own initial on the case, stem wind and stem set, with porcelaine dial, polished steel hands, heavy beveled crystal; in fact everything that goes to the making of a first class time piece.

Do you want one? Just say the word and it's yours! Drop us a line, say you want to earn a watch, and send us your full name and address. You'll get a letter by return mail with full particulars and it's a sure thing you'll earn the watch the same day you get that letter. Address,

THE HOMESTEAD,

YOUNG FOLKS' DEPARTMENT, - - DES MOINES, IOWA.

You never saw a
saw which saws
like this saw saws

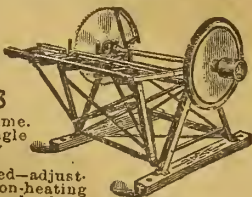
and lasts so long a time.
Frame of heavy angle
steel strongly
braced—absolutely
no shake. Patented—adjust-
able, dust-proof, non-heating
oil boxes, etc. We make these

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In 6 styles—strong, simple, safe and successful—and we make a 4-wheel mounting for wood saws and gasoline engines which is unequalled for convenience and durability. Saw your own wood and save time, coal and money—then saw your neighbors' wood and make \$5 to \$15 a day. We make the celebrated

HERO FRICTION FEED DRAG SAW
nothing like it—no other so good. Also feed
grinders, shellers, fodder cutters, huskers,
manure spreaders, farm trucks, windmills,
etc., all guaranteed full Appleton quality.
Catalog free for the asking. Ask for it now.

APPLETON MANUFACTURING CO.
39 Fargo Street Batavia, Ill., U. S. A.



Pilate's name will go down to the end of time in deepest infamy as it is repeated in every language in the Apostles' Creed—"Crucified under Pontius Pilate."

Yet to some degree he showed a Roman's proverbial regard for law and justice. He demanded the accusation and evidence.

Cloud-hooded Pilatus may not have been the actual scene of Pilate's suicide, but seems a fitting memorial of him.

Take from the galleries of the old world the pictures, the themes of which are suggested by the life of Jesus, and art would be impoverished. The gospels still yield inspiration, as Mun-

kecy's "Christ Before Pilate" shows. Art Thou king? How unlikely! Yet Jesus was the real ruler. Pilate's power, then on the wane, lasted a scant six years longer. Jesus' dominion has lasted twenty centuries.

Destiny of Hebrew nation trembled in the balance that day.

Once to every man and nation comes the moment to decide. In the strife of truth with falsehood, for the good or evil side.

The choice was evil.

Jesus is the touchstone of individual as well as national character. Destiny is fixed by attitude assumed toward Him. Choice is pressed. "Which will ye?"

The Best Time for Sows to Farrow.

To the Editor of The Homestead:

Concerning the mortality among March and April pigs, I can only say what I learned long ago as an ardent full-blood Poland China breeder during the years from 1858 to 1886. During the first few of these years it paid well to take good care of the pigs and save as many as possible, for it meant \$20 to \$25 for each male pig at weaning time.

As I am nearing my seventy-seventh birthday, I must say that perhaps I am somewhat out of date, for I know nothing about these new-fangled or modern diseases among young pigs. From experience I have learned that it was best for me to have my brood sows farrow in the early fall or during the month of May, or no earlier than the last week of April, I should have said. I had part of my sows farrow in the fall and the rest as above stated.

It is a well-known fact that the two months in question are generally damp and chilly, more so than during the regular winter months; and in my opinion there is nothing that hurts newly-born pigs so much as to become chilled through and through. If they are not properly handled and taken care of just at the very moment they are dropped, a considerable percentage of them will die in a very short time, or, if they pull through, their constitutions are very apt to be weakened to such an extent that they hardly ever grow ahead or keep pace with May, or the fore part of June, pigs.

Damp and chilly weather at farrowing time also has an ill effect on the mother. Though she may be in good flesh and otherwise healthy, she will become more restless than she would be if the weather were warmer, and all hogmen know what a restless brood sow means at pigging time.

I can already hear some of you swine breeders say that you have a No. 1 hog house, in which are comfortable breeding pens, consequently damp weather and chilly atmosphere without cannot have any perceptible effect within its walls. Should you think so, I fear you are somewhat mistaken. It would, even under such favorable conditions, require a heating stove, well warmed up, to make the house sufficiently comfortable for the farrowing sow and her freshly-dropped young.

During my experience of raising pigs I learned that from 20 to 25 degrees below zero in winter—that is, dry, cold weather—would not be so apt to chill them as zero weather or above. My advice to swine breeders is to sacrifice the preferred time for having pigs come and give the month of May the preference.

In conclusion, I would say just ask your wife or daughter, who is living in a well-built house and as comfortable

as possible, and she will tell you that there are times, if no fire is made, when a damp, unpleasant atmosphere exists all through the house and even bedding and clothing will become damp. A change in the weather or a little fire would soon drive this dampness away.

Oregon Co., Mo. Samuel Kaufman.

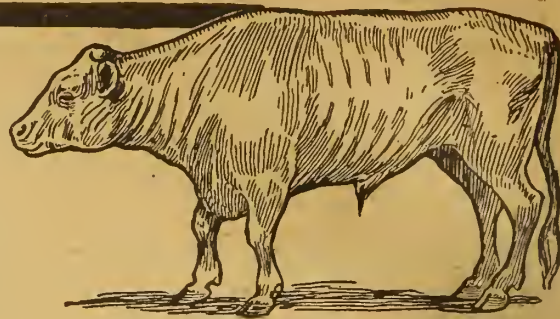


I contend that the loss of March pigs in the spring of 1906 was due to the condition of the weather at that time. Young pigs must have some sunshine to drive the dampness out and purify the air in their quarters. There is no young animal that needs more sunshine than young pigs in the spring. Young pigs farrowed in February or March will stand considerable cold if the beds are kept dry, provided they can have sunshine in the daytime.

If I am not mistaken, the spring of 1904 was just the reverse of 1906. March was favored with sunshine and April was cloudy and rainy. The mortality

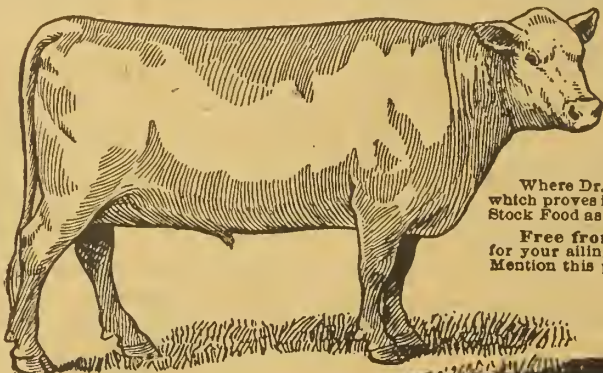
From Scrawn to Brawn

The difference between the scrawny animal and the thrifty one is not usually due to the amount of food consumed but the amount digested. In fact, the scrawny animal frequently consumes more. It is a vital point to see that there is a gain in weight each succeeding day sufficient to cover cost of feed and labor, otherwise, you are feeding at a loss. Such a condition can be brought about, and the scrawny animal converted into a brawny, thrifty, profitable one, by adding



DR HESS STOCK FOOD

the prescription of Dr. Hess (M.D., D.V.S.) to the regular ration twice a day. It compels the rapid development of bone, muscle, milk fat, etc. and insures perfect health and condition. It produces this extra profit by supplying the animal with bitter tonics, which improve the digestion, strengthening every function of assimilation; by increasing the flow of intestinal juices; by stimulating the parastaltic action of the bowels (that churning motion that brings the contents of the bowels in constant contact with the minute cells which absorb the nutrition); by supplying iron for the blood, nitrates to assist nature in expelling waste material from the system; and by supplying laxatives to regulate the bowels. Professors Quitman, Winslow, Dun, and all the noted medical writers indorse these ingredients for producing the results above mentioned. Besides, Dr. Hess Stock Food is sold on a Written Guarantee.



100 lbs. \$5.00; 25-lb. pail \$1.60

Smaller quantities at a slight advance.

Except in Canada and Extreme West and South.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee.

Free from the 1st to the 10th of each month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 96 page Veterinary Book any time for the asking. Mention this paper.

DR. HESS & CLARK, Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Pan-a-c-e-a and Instant Louse Killer. Instant Louse Killer Kills Lice

"Better Than Gas," SAYS THIS NEW YORKER.

"I have used The Angle Lamp far beyond the time set for trial and find that one cannot be too enthusiastic over it," writes Mr. Granville Barham, of Cold Springs, N. Y. "It certainly gives the brightest and at the same time the softest illumination one could desire."

"We lived in New York City for some years and used all the latest and most improved appliances, devices, etc. in connection with gas or electricity and yet I most sincerely urge the superiority of this simple yet wonderful method of illumination. One can hardly say too much in its praise."

THE Angle Lamp

makes common kerosene the best, the cheapest and most satisfactory of all lighting methods. Safer and more reliable than gasoline or acetylene, yet as convenient to operate as gas or electricity. The Angle Lamp is lighted and extinguished like gas. May be turned high or low without odor. No smoke, no danger. Filled while lighted and without moving. Requires filling but once or twice a week. It floods a room with its beautiful, soft, mellow light that has no equal. Write for Our Catalog "33" and our proposition for a

30 DAYS' FREE TRIAL.

Write for our catalog "33" listing 32 varieties of The Angle Lamp from \$1.50 up, now—before you turn this leaf—for it gives you the benefit of our ten years' experience with all lighting methods.

THE ANGLE MFG. CO., 78-80 MURRAY STREET, NEW YORK.



SKUNK Skins, HORSE HIDES and CATTLE HIDES and all other kinds of RAW FURS bought for spot cash. 10 to 50% more money for you to ship Raw Furs and Hides to us than for you to sell at home. Write for Price List, Market Report, and about our **HUNTERS' & TRAPPERS' GUIDE** A \$5.00 BOOK. Best thing on the subject ever written. Illustrating all Fur Animals. 300 Pages, cloth bound. All about trapping, kinds of Traps, Decoys, Trappers' Secrets. Price \$1.50. To Hide and Fur Shippers \$1.00. **ANDERSON BROS., Dept. 19 Minneapolis, Minn.**

among April hogs was about 50 per cent greater than in March.

If I were raising hogs for the market alone I would have them farrowed in April and May, using nothing but young sows for breeders. Geo. D. Robertson. Wapello County, Iowa.



I desire to say a word on the best time for sows to farrow. As I got caught in the freeze-up last March and saved but fourteen pigs out of about forty, I have a few ideas on the subject. My March pigs are no larger than my early April pigs and the loss among my April sows did not amount to 2 per cent. I have noticed March pigs from other herds this year that are little, if any, larger than April pigs.

Size in any kind of stock is a very desirable quality to have, but when it is attended by a loss of 50 per cent in numbers we think it has cost too much. A litter of eight pigs farrowed April 10th, and all raised, will weigh more per litter and cost less per pound than a litter of eight farrowed March 10th and four raised.

I think the greatest mistake in hog breeding is using breeding stock from immature parents and trying to make up in size by having them come in the middle of March. A good old sow farrowing in April will usually raise a good, thrifty litter of eight or twelve pigs, with less danger of loss and less time and attention from her owner.

Right here let me tell you a secret that may be a surprise to many of your readers. It is this: Rats are very destructive to young pigs, especially early ones, as it is harder to keep them away from rats. They took about ten for me last March before I found out what was taking them.

In my experience I have learned that sows farrowing in April and May will raise a larger per cent of pigs with a great deal less trouble to me, and in the fall I can notice very little difference in the size. W. J. Borrett. Clayton County, Iowa.

Regarding the above subject I will say that in my opinion conditions vary so much and the different objects or ends sought are so much at variance that a very wide latitude must be allowed in discussing this very important question.

The best time for sows to farrow in my experience (and that is our best teacher and often a very expensive one) is from May 1st to June 1st. About the first of May we are apt to have some good, warm weather, and I know of no animal that at birth needs warm weather, not merely a warm place but warm weather, more than a

little pig. Think of six or ten little shivering pigs hunting some warm corner and not able to find it. The mother shivers around and in doing so pinches one of the little pigs and loss results.

Let those same pigs come on a warm day and it will do your eyes good to see the tussle and fight for the good warm milk that is ready for them.

You speak in the paper about the fellow who raises stock for breeding purposes. Well, we need him, but for my part I think we need more bone and frame. By this I mean a good, long body and a good, big leg at each corner, such as we find mighty hard to get, instead of the short, stubby things that you find in most of the pedigreed pens. When I fed my pigs tonight (November 5th), I looked them over and am satisfied that the one hundred in the bunch will average 125 pounds, and not one of them was farrowed before May 10th, and plenty of them will weigh 150 to 175 pounds, and, mind you, these pigs have not been fed to hurry them.

I am a firm believer that a good bluegrass pasture is one of the best places to summer pigs, and they do not need to be very old to eat the grass, provided they can get it. I often think of the times I attempted to raise pigs farrowed in March and April, and since I have skipped those two months I find it so much easier, and save my pigs every time. B. F. Bash. Bureau County, Ill.

Pure-bred Versus Grades

To the Editor of The Homestead:

The time has come again when the mass of the farmers throughout the corn belt are selecting their breeding hogs for next season. The first question that comes to mind is, how may I determine how many sows should be bred? I believe that will depend on how many pigs can be cared for to produce the most economical gains with the feed at hand on the farm.

The second question is, what breed shall I choose and shall they be pure-bred? Select the breed that represents your ideal and have the male pure-bred at all events. Most farmers think the cost is too great. Now, let us see: Suppose I want to breed five sows. Good pure-bred ones can be bought for \$20 each; that is, gilts at 150 pounds in weight. The five will thus cost me \$100. They ought to raise at least five good pigs each or thirty pigs. The five stock gilts at six cents per pound will cost \$45, the difference of \$55 on the investment. This figured at 6 per cent would give me \$3.30, the extra cost of the thirty pure-bred pigs, or eleven cents each. And now, Mr. Farmer, the question is up to you to settle which is the better, stock hog or pure-bred? Roy Stacy. Ogle county, Ill.



... \$2.00 ...



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Des Moines Capital

FOR THE YEAR 1907.

This is the Capital's Ninth Annual Bargain Day Offer (Good this Year from December 21st to 28th inclusive).

THE REGULAR PRICE OF THE CAPITAL IS \$3.00 A YEAR

TO secure the above offer, simply make your remittance on any day during the week of December 21st to 28th inclusive, the anniversary of Iowa's admission to the Union as a State. Money may be sent by check, draft or postal money order. The Capital is Iowa's greatest daily newspaper. Sample copies will be sent upon application. We urge our readers to take advantage of this wonderful newspaper offer. Address,

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OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

WINTER CARE OF BREEDING EWES.

The further one can get away from artificial methods and the closer we can come to the natural in handling breeding ewes the greater will be the success, other things being equal. It is nature's way among all animals that have to depend on natural products for their living, to have the young drop in the spring when all vegetation is young, tender and full of nutrition.

In nature's way as the winter comes on and as temperatures get low it is a part of the pregnant animal's work to do a good deal of searching for her food. Food is scarce and the time occupied in getting a "square meal" requires the greater part of the day. In doing this there is that exercise so necessary in the management of the pregnant ewe which is forced by nature and seldom provided in domesticity. As spring approaches and the warm weather with new grass comes, there is a change and the time for parturition approaches, and the question is: "Is the ewe prepared for the ordeal, or has she been pampered and unfitted for her yearning?" In

short it is necessary for the ewe to be fitted for all three of the important periods of procreation. She should be in good condition at the time of copulation. By giving healthful exercise, pregnancy is advanced in the most healthful manner, and when yearning time comes there will be fewer troubles for the shepherd to endure, and fewer disappointments to the owner.

During the winter months of pregnancy the feed should be largely of nutritious grains, such as oats, with an occasional change to something palatable, like bran. Roots are also good. Clover hay is essential for best results, and alfalfa, where obtainable, will make a most excellent substitute for clover. If the flock of breeding ewes should be kept in barns, it will be necessary that they be not crowded for room while eating at hay racks, and there should be no narrow doorways or sills for them to pass through and jump over. All these are likely to cause abortion. Give plenty of trough and rack space, so ewes will not be required to crowd in order to get enough to eat. Wide doors and gates are very essential.

Corn fodder is a most excellent food for ewes. The fodder can be hauled out and scattered on the meadow, thus making exercise compulsory.

SOME RESULTS OF ORGANIZATION.

At the Denver meeting of the National Wool Growers' Association a few years ago a committee was appointed to go to Washington and ask for an extension of the twenty-eight-hour law and another to offer a protest to the increase of commissions charged for selling sheep. The twenty-eight-hour extension to thirty-six was provided by congress. When committees waited upon commission men in Kansas City, Chicago and Omaha, asking them not to increase the charges from \$10 commission per car to \$12, they refused to comply and the result was that independent commission houses in these markets were arranged for, some of which opened for business last September. The commission house combination has been broken by this move.

Four years ago at the annual meeting of the national association, the United States government was asked to place

mutton on the list of meats to be furnished soldiers and Indian agencies, and not long after that mutton, for the first time, was placed on the list of meats in advertisements for bids to supply meat for the government.

This much has been done by the national association and there are many things mapped out for it yet to do. There can be a better adjustment of charges for pasturage of sheep on the government reserves. There can be a great improvement in the runs of sheep from the far West to the best markets. There is need of an adjustment of freight weights per carload on lambs. There are many things that can be adjusted only by co-operation of sheep breeders. The next annual meeting of the National Wool Growers' Association will take place in Salt Lake City, Utah, January 17 to 19, 1907.

Brown's Dispersion Sale.

The dispersion sale of Short-horn cattle made by Mr. John Brown, of Doniphan, Neb., November 19th, was a success, considering the conditions in every way. The weather was exceedingly cold, and but a very few buyers were present. The sale was held at his farm near Doniphan, where every convenience was found for those who came. The cattle were in only fair breeding condition and the crowd seemed slow to take hold of the cattle that were a little thin. Bidding was very slow, yet a fair average was made on the whole consignment. Mr. H. E. Johnson, of Doniphan, being the principal buyer, purchased nearly all of the good females in the sale, also the herd bull, Golden Dale. The top price was \$92, paid by Mr. Carl Happold, of Doniphan, Neb., for Lot 6, a fine two-year-old heifer got by Commodore Taylor. Mr. Brown had not put any special work on his cattle, selling them right off the pasture.

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO, GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneida and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

EVERY DAY

This winter the Chicago Great Western Railway will sell tourist round-trip tickets to points in Alabama, Central America, Colorado, Cuba, Florida, Georgia, Louisiana, Mexico, Mississippi, New Mexico, North Carolina, Porto Rico, South America, South Car-

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy ram and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs., champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

GOTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgians stallions at \$1,000 each.

A. LATIMER WILSON, CRESTON, IA.

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation.

D. M. NORTON, Sanborn, Iowa.
Registered Shropshire Rams and Ewes
OF the best breeding. Willard Miller, I. F. D.
No. 2, Anita, Iowa.

REGISTERED SHROPSHIRE, EWES AND RAMS. Address, W. C. FRAZIER, Atlantic Cass County, Iowa.

olina, Tennessee and Texas at very low rates. Tickets have limit of June 1st, to return and allow some stopovers. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa, for full information.

SPECIAL COLONIST RATES SOUTHWEST.

On the first and third Tuesdays of each month until March, 1907, inclusive, The Chicago Great Western Railway will sell one way colonist tickets to points in states of Arkansas, Colorado, Indian Territory, Kansas, Louisiana, Mexico, Missouri, Nebraska, New Mexico, Oklahoma, Texas and Wyoming at rate of one-half of regular first-class one way rate plus two dollars. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

NOTICE.

When you write your friends in North Dakota advise them about the low-rate tickets on sale now for home visitors to Iowa points—one and one-third for the round trip. Don't forget to tell them that the Chicago Great Western Railway is the only line which has three trains every day in the year between St. Paul and Minneapolis and Iowa points. Complete information from E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.



The "DEAN" Ear Corn Slicer

Any Farmer or Cattle Raiser should appreciate the advantage of slicing or chopping ear corn for stock. The health of all animals requires it. Feeders today know that grain should be mixed with roughness. The cob is the best mixture for calves and steers. "The Dean" Slicer soon saves its price in cob feed alone. Also saves time. Chops ears in 1/2 to 2/3 inch slices and cuts from 30 to 40 bushels an hour. Calves thrive on the small slicing. It's so easily geared that even a boy can run it or any power can be attached. Elevator attachment to bin or wagon. Prices and terms very reasonable. Write today, for your stock's sake.

Soon Pays for Itself

Enterprise Wind Mill Co., 24 Main St., Sandwich, Ill.

ADVERTISING NOTES.

Mr. and Mrs. S. A. Barton, of Chamberlain, S. D., have a good South Dakota farm consisting of 320 acres which they wish to sell. See advertisement on page 25.

A well-improved forty-acre farm, located in Howard county, Iowa, near town, is offered cheap if taken soon, by Mr. Albert Haupt, of Cresco, Iowa, in his advertisement on page 25 of this issue.

The Adams Realty Company, of Moline, Kan., announce in an advertisement that appears on page 25 of this issue of The Homestead, that they have a large list of good land bargains scattered over Kansas and Oklahoma and that they can sell them right. Write them for description and terms, which will be sent on request.

Record number 148751: Case of fistula of long standing; had been operated upon seven different times at a cost of \$35. Owner cured the horse with one bottle of Fleming's Fistula and Poll Evil Cure. For free copy of Fleming's Vest-pocket Veterinary Adviser write Fleming Bros., 210 Union Stock Yards, Chicago.

An alfalfa ranch, containing 4,590 acres, located on the Loup river, about forty miles northwest of Kearney, Neb., is offered for sale by its owner, Mr. G. L. Crookham, of Kearney, Neb., as per advertisement, which will be found on page 25 of this issue. If interested, write Mr. Crookham for further particulars after reading the advertisement.

Located ten miles south of Topeka, Kan., is a 143-acre farm of good bottom land, 100 of which are under cultivation, forty acres of pasture and wood land, which is offered for sale in an advertisement that appears on page 25 of this issue, the address of which is Box 62, Wakarusa, Kan. Read the advertisement for further particulars, and write for terms.

One Peerless sixteen-horse engine, one Peerless separator, self feeder and wind stacker, also one Joliet No. 2 corn sheller are offered for sale by Mr. W. R. Hainline, of Blandville, Ill., in an advertisement on page 27 of this issue of The Homestead. Mr. Hainline states that this machinery is as good as new, and that he will sell it at half its original cost. He will sell for cash, or he wishes those who have anything to trade for it to write him stating what they have.

Located within seven miles of Cottonwood Falls, the county seat of Chase county, Kansas, is the Crawford ranch, considered one of the best stock farms in eastern Kansas. It consists of 1,920 acres and is made up of rolling prairie and creek bottom land. It is all in one body and is offered for sale by Mr. Calvin Brewer, of Topeka, Kan. The advertisement appears on page 25 of this issue from which further information can be obtained. Mr. Brewer announces that he can sell this property at a bargain.

A choice 280-acre farm, located three miles northeast of Johnstown, Lamb county, Neb., is placed on the market in an advertisement on page 25 of this issue, by Mr. E. J. A. Rice, of Harvard, Neb. One hundred and fifty acres of this farm is of a black loam soil and in cultivation, and on which 6,000 bushels of grain were raised in 1906. There is a good house and all necessary farm buildings, good well and windmill. The farm is nearly all fenced, including 130 acres in pasture. It is only one-half mile from school. The price is named in the advertisement, and a warranty deed will be given. Address the owner, Mr. Rice, as above.

The advertisement of the Iowa Tanning Company will be found on page 5 of this issue. This is the season of the year when our readers will wish to send their horse and cattle hides to be made up into fur coats and robes. And we can recommend this firm as being one of the strongest and most reliable firms in the country doing this class of work. Send them your horse and cattle hides. They will tan them for you and make them up into a beautiful fur coat or robe. This certainly is an excellent way to get a good fur coat or robe, for when tanned by their process they will last from fifteen to twenty years. And a good fur coat and robe is something every farmer or stockman should have. And when you have an opportunity to secure one of these by simply sending one of your own horse or cattle hides you know just what hide is in your coat. All hides tanned by their process are wind, water and moth proof and never get hard by being wet. They issue a very neat little booklet giving full information regarding caring for hides, how to ship them and the cost for having them tanned and made up into coats and robes. They will be pleased

to send this booklet to our readers if you will simply write them, addressing the Iowa Tanning Company, Des Moines, Iowa.

There has recently come to our desk a book of 550 pages, the title of which is "One Thousand Pointers for Stock Raisers." This book includes a digest of government and private feeding trials held during the past two decades, and it is also an exhaustive treatise on the diseases of all live stock. It is well illustrated, and nearly all of the illustrations are made from natural photographs and not from those that are "fixed up." It will be very difficult to find a disease of horses, cattle, sheep, swine or poultry that is not treated in this book. It sells for fifty cents and may be obtained at this price from the Davis Stock Food Company, Chicago, Ill.

We wish to call the attention of our readers to the advertisement of the Cownie fur coat which appears on page 5 of this issue. We know this is the time of year when our readers are interested in the purchase of a good fur coat. The Cownie coat is one of the best coats to be had and it is made of only the most carefully selected hides tanned by the oil process, which always leaves the hide soft and pliable and will never get hard when it is wet. Every one of their coats is covered with a two-year written guarantee, they being the only manufacturers in the country putting this liberal guarantee on their coat. And this in itself speaks for the confidence they have in the superior wearing qualities of their garments. There is the greatest comfort and satisfaction in wearing a good fur coat. And considering the long time one of these coats lasts, they are by far the cheapest coat that a farmer or stockman can buy. This firm make a specialty of the Galloway coat. This coat is made from the natural black hides of the Galloway cattle. And when tanned by their process it leaves the hide soft, pliable and wind and water proof, and makes a coat that is light, durable and will give the best wear and satisfaction of any coat that can be had. The Cownie fur coats are sold by the best merchants throughout the country. If your dealer cannot supply you, write the J. H. Cownie Glove Company, Des Moines, Iowa.

DON'T FAIL TO READ

the advertisement of Dr. Auld on this page. Every word of his statement is true.

AN IMPORTANT OFFERING OF MINNESOTA LANDS.

The Duluth & Iron Range Railroad Co., through their land commissioner at Duluth, are putting on the market thousands of acres of choice lands in north central Minnesota at low prices and on easy terms. Look for their advertisement on page 25 and write to their Duluth office for full particulars. There are few chances remaining to get Minnesota lands of this quality at such low prices, and on terms where everybody can afford to get himself a home.

THE GREATEST LAND BARGAIN

ever offered is what you will say when you read the advertisement of the W. F. Shelton Land Agency, of Kansas City, Mo., which appears on page 5. They offer for sale a large tract of land near Cheyenne, Wyoming, for only \$3 per acre, but purchaser must buy entire tract. This is a fine opportunity for investors, as you can make a fortune selling this land out in small farms or ranches. Don't fail to read their advertisement and if you are at all interested, wire or write the above named firm for full information regarding this land, at the same time mentioning The Homestead.

AN EXTRA GOOD HUSKING PEG.

Many of our readers are already familiar with the Clark husking peg, manufactured by Mr. R. F. Clark, of 100 Lake street, Chicago. This firm have been placing on the market for some time more than a dozen different designs for husking pegs. Their No. A plate has been improved and they have on hand records from good huskers indicating this book peg will husk out from fifteen to twenty-five bushels per day more than a common peg, and do it without increasing the labor. The average man after he practices a little can also husk cleaner with the book peg than with the old-fashioned pin. Send for catalog or circular to the firm of R. F. Clark, 100 Lake St., Chicago, and mention The Homestead when you write.

THE AMERICAN AUCTION SCHOOL.

The American Auction School opens at Chillicothe, Mo., on December 17th. Col. Harry W. Graham, president of this school, announces a special rate for this term. Those who contemplate a course at an auction school would do well to write today for a catalog which gives all the particulars. Competent instructors have charge of each branch of instruction and a thorough course will benefit any two contemplate taking up auctioneering as a profession. Students who finished the summer term report flattering success since leaving the school and advise all who can to improve the opportunity and take the winter term, which starts December 17th. See page 42 for advertisement and when writing kindly mention this paper.

A GOOD GAME TRAP.

The experienced trapper will have only the best of traps. He has learned by experience that the best trap is the cheapest. Because a mink or a fox in a trap is worth a woodful out of a trap. Because bothering to set a poor trap is a waste of time. Because an animal once caught and lost is that much harder to trap again. Because, to be frank, it is more enjoyable business all around. When men experienced in the art of trapping and hunting embody their ideas in the making of a trap, the article produced should be worth investigation. When further their goods have been used and tried in every possible manner and proved to be as good as claimed, they should bear close investigation. Possibly it will be worth while to go to a little effort in order to become acquainted with such a firm and their business methods. There's the Newhouse trap, probably the best in the world. At least it has stood the test of time. One was found lately that had been set for thirty years. On being released the spring was found to be as good as ever. A good test wasn't it? Another is the Victor, a trap selling as low as good quality will allow. The trapper is generally well-informed along these lines. Many a coop of chickens could have been saved on the farm by a timely use of one of these traps. The watch dog may fail, but a good trap is always and everlastingly on duty. These traps are made

THE OLD RELIABLE
..Anti-Friction Four Burr Mills..
Double the Capacity of other Mills.

TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog, Bovee Grinder & Furnace Works, Waterloo, Ia.

PILES, FISTULA AND OTHER RECTAL, BOWEL AND STOMACH TROUBLES ARE DANGEROUS IF NEGLECTED

BEWARE OF TREATMENTS BY MAIL. IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN. BOOKLET FREE

J. M. AULD, M. D., 80 DEARBORN ST., Dept. 11, CHICAGO, ILL.

by the Oneida Community, Ltd., Oneida, New York. They are the product of skilful workmen and tested materials. More about these people and their goods on page 18. When writing them, kindly mention this paper.

WANT A POCKETBOOK?—YOU CAN GET ONE FREE WITH YOUR NAME PRINTED ON IT.

Mr. Charles E. Ellis, publisher of the Metropolitan and Rural Home, offers to give away 5,000 pocketbooks as explained in his advertisement on page 25 of The Homestead in its issue of October 4th. His offer is to send on receipt of a small amount, stated in his announcement, one of the pocketbooks and a year's subscription to his publication. After the three months have expired, if you order the "Metropolitan and Rural Home" discontinued to your address, Mr. Ellis will return the money paid him; if you like the publication and ask him to continue it, the amount you have paid will pay for a year's subscription, the pocketbook will be yours and you will enjoy a high-class monthly magazine. The pocketbook is a very attractive, substantial article that looks like a bargain in connection with a year's subscription to the paper. Mr. Ellis explains his proposition in a straightforward talk. It is worth investigating. When writing him, be sure to mention The Homestead.

THE HOWE FARM SCALE.

No argument should be required at this day on the wagon or stock scale question for farmers. It is a necessary part of an up-to-date equipment. With a scale you can deal exactly. You know exactly the number of pounds you haul to town to sell. In buying, you know exactly the number of pounds you get for your money. Is there any reason why the farmer should take somebody else's weight for it at both ends. Is it not a certainty that if not always, still in many, many cases you get the short end of a deal if you have no means of your own of checking up weights? Then there's almost daily use for it on the farm itself to show yields of grain, hay, etc., improvement in feeders, amount of feed consumed or weight of animals. These considerations make the Howe scale advertisement in this paper interesting. It's a standard scale, especially adapted to farm use. For over fifty years it has been a popular thing. No one need have any fears of not getting a good, reliable scale if he buys it. If you want a scale look up the Howe Scale Company advertisement on page 35 and write for prices and particulars, addressing them at 50-52 Lake St., Chicago, Ill.

MISSOURI AUCTION SCHOOL OPENS JANUARY 1ST.

Pres. W. B. Carpenter, of Trenton, Mo., announces that the second term of the Missouri Auction School will open on January 1st. The course in auctioneering this term as in the last covers all branches of auctioneering and special attention is given to the farm sales, as there is where the beginner gets the most of his business. In our big sale yard students will have an opportunity to sell every kind of property which he would come in contact with at a farm sale. No other school is offering this opportunity. In fine stock sales you will be fully instructed as to the opening and conducting of sales, also in ring work, which is becoming an important factor, both in general and fine stock sales. Merchandise and real estate sales will be dealt on at length. The sale of real estate at auction is becoming more popular each year, hence we dwell to some extent on this branch of selling. Write today for our forty-page illustrated catalog, which gives complete information. The advertisement of the Missouri Auction School will be found on page 33. When writing for the catalog, kindly mention this paper.

A SPLENDID IOWA FARM FOR SALE.

One of the very best farms in the state of Iowa is offered for sale by Mr. Z. T. Lindsey, of Omaha, Neb. It contains 300 acres located in Kennebec township, Monona county, Iowa. It is five miles from Onawa, county seat, and two miles from Turin, both good railroad towns. The price is \$75 per acre, if taken soon; part cash and part time, at reasonable rate of interest. The house is a good 6-room structure with brick foundation, cemented cellar, etc.; barn is large, with brick foundation, almost new; has large lean-to 12x32 feet. There are ample cribs, bins, etc., hay scales, good well and windmills. The farm is well fenced and will divide into two farms easily. All buildings are well painted and in good condition. About 225 acres under plow this season. The rest good hay land, with the exception of fifteen acres of excellent timber. This farm has no superior for a stock or grain farm. The soil is a rich dark loam. No rocks and no sand. A perfect title given, and the farm should be seen to be appreciated. Mr. Lindsey, the owner, is engaged

in other business and wants to sell. The man that wants a good low farm should write Mr. Z. T. Lindsey, Omaha, Neb., at once. Kindly mention The Homestead when doing so.

THE HORSE WITH HEAVES.

A heavy horse is generally considered about worthless. You have him on your hands to cure or kill. Some people consider a heavy horse and a dead horse the same thing. However, it is not as bad as that. There are only a few diseases that will not yield to proper treatment. There is nothing fatal about heaves, but the trouble is stubborn. You are offered in this issue a chance to try a noted heave remedy. It may not appear again. If you are a skeptic have a little faith. The Chambers Manufacturing Company, of Rochester, N. Y., are the makers of the English Heave Remedy. They will send you a trial package for ten cents. Now, this is fair. They feel so confident in the results of that small package that they know you will want more. Sounds like business, does it not? For you as well as them. Just consider, turn to page 23, invest a dime, cure your horse and be a philanthropist. Kindly mention this paper when writing.

FARMERS MAKE MONEY IN THE GULF COAST COUNTRY.

On November 6th there was a party of twenty-two homeseekers went to Fairfurlas in the Gulf Coast country of Texas, and every one of the party bought land there. This is so unusual that it certainly deserves notice. The Fairfurlas country must be fine and the farmers making money there or some of these homeseekers would have come home without buying. These people were from Iowa, Missouri, Indiana and Kansas. However, this is nothing unusual for Fairfurlas. Only a few days ago a northern man went down there to look the country over and when he came back he reported that the conditions and the lands were better than had been represented. The following are examples from owners of land near Fairfurlas, Texas, as told by themselves. On July 10, 1906, Mr. G. E. Compton writes: "My string beans have netted me this spring \$40 per acre, and my watermelons will net me at least \$45. The corn on the melon ground will pay all the costs of cultivating both crops. Beans were planted in February and shipped in April. On my bean ground I now have a crop of peanuts which I am confident will turn out thirty-five bushels to the acre. There is no better crop for hogs, and the peanuts themselves and a ready market at good prices. The lines make fine hay, and when plowed under fertilize the ground. On this same bean ground that is now planted in peanuts, I shall have either beans or egg plant this fall. The figs I set out this spring are bearing well. My strawberries had fruit on them exactly thirty days from the day they were set out. Blackberries and dewberries are a success. I am confident from this winter's experience that oats will make from thirty to forty bushels to the acre. I rented some ground to the onion growers. Off three acres, at one-quarter rent I got \$175, or \$58.33 per acre. On five acres, from which I have already gotten onions, Irish potatoes and beans, I expect to get 1,200 bushels of sweet potatoes. While this will be a good yield, it is not nearly as large as some I have gotten. My experience here has been entirely satisfactory." This is only one of the many instances showing the wonderful profits that are being made by the farmers in the Gulf Coast country at Fairfurlas. The Artesian wells there furnish an abundant supply of excellent water. The climate is the finest in the United States and the land is cheap as yet. The building of railroads into that section only recently is causing the land to develop very rapidly, however, and land is advancing. Eventually these lands will sell for more than the land in southern California, which everyone knows brings enormous prices. The lands at Fairfurlas are hundreds of miles nearer market, which is a great advantage. The facts are that this land is doubling in value so rapidly now that it seems incredible to those who have not investigated. The crops are so profitable that it is hard to believe the truth about it. But those who doubt will find the statements true if they will visit Fairfurlas. For instance, the above statement of Mr. Compton seems big to the northern farmer, nevertheless it is a fact. There are great opportunities at Fairfurlas. It is a great country for cotton, corn, alfalfa and many other crops. If any of our readers are interested in the Gulf Coast country they should look up the advertisement of the Fairfurlas Immigration Company, of Kansas City, Mo., in the Lands and Homes department of this paper, and write them. The company are reliable and will gladly furnish full information, latest map of Texas, etc., free to anyone who will ask for same. Write at once.

Direct from the Mills to You

BEACON-ITE ROOFING

We Pay the Freight

When you buy roofing you expect it to last, don't you? You don't want to be incessantly patching little leaks after every rain. Isn't this just what you are doing now? You have had some experience with tin and shingle roofing. Are you satisfied with their lasting qualities? BEACON-ITE is a long wool fibre thoroughly saturated with a secret preparation that makes it absolutely water-tight.

It will not rot or rust. By buying direct from the mills and putting it on yourself (we furnish all necessary nails and cement free), Beacon-ite is the most inexpensive roofing you can buy. If you want a roofing that will last and need no patching, write to-day for FREE samples of BEACON-ITE.

BEACON-ITE MILLS, 1105 N. 2nd Street, St. Louis.

IN THE GREAT SOUTHWEST.

The Shawnee county, Kansas, apple crop which is to be put in cold storage at Topeka will be, in round numbers, 60,000 barrels. While this is a lot of apples, it is not as many as it was supposed there would be, along in the summer. The loss from dropping was greater than in recent years, but there seems to be plenty left yet.

More than twenty sections of land in Shackelford and Stephens counties, Texas, have been burned over by a prairie fire, which is still burning. The fire destroyed a number of buildings and many miles of fences.

The recent snows have made the rabbits keep to shelter. In one day seventy-five hunter's licenses were issued by the clerk of Wyandotte county, Kan.

The Ladies' Aid Society, of Anadarko, Okla., earned \$16 with which to help finish their church by husking corn. They husked forty-two bushels in less than four hours. They then sold the corn at auction, receiving ten cents a bushel more than the market value.

In unison with the general advancement of the South, the state of Louisiana successfully arranged and held its first state fair, at Shreveport. Col. Charles Schuler, the commissioner of agriculture and immigration, has been most active and deeply interested in its promotion, and the result is a source of much gratification to the people of the state.

The storm disturbances of the last few days have caused much damage throughout the South. In the region of Memphis, Tenn., there are many claimed to be homeless, as the river has broken out, flooding rural and railroad property.

The board of regents of the Southwest Missouri State Normal has employed a firm of architects to draft the plans for the new normal building and have charge of the construction. The new normal is to be of concrete construction faced with stone. It is to be fireproof throughout and will be heated and ventilated by the fan system.

An estimate of Indian Territory's school population places the total number of Indians at 10,498, whites 42,820, negroes 6,800. This leaves about one-half of the children of school age without school facilities.

There are twenty-two county high schools in the sunflower state. Montgomery county has one of the costliest buildings of this kind. It was built at an expense of twenty thousand dollars. Seven teachers are employed and the annual expense account is seven thousand dollars.

Oklahoma has taken the initiative in arranging for a national drainage convention, to be held in Oklahoma City, December 5th to 7th. It is generally admitted that there are more acres of land to be reclaimed by drainage than there are acres of semi-arid land that may be made productive by irrigation.

The Missouri State Corn Show will be held in Columbia, Mo., January 7 to 12, 1907. In addition to the corn show, meetings of the Corn Growers' Association, the Missouri Improved Live Stock Breeders' Association, the State Board of Agriculture and the State Dairymen's Association will be held during the same week.

The season for corn growing in Indian Territory has been especially favorable this year. The acreage was about 25 per cent greater than in any former year and the yield was correspondingly large. Railroads, as usual, have been unable to furnish enough cars to move the crop.

Oklahoma City is rapidly growing in importance as a cotton center. Nine hundred bales have been ginned this year, which is twice as much as was ginned last year. Cotton is constantly arriving and indications are that a great deal more will be ginned before the end of

the year. It is expected that there will be 100,000 bales of cotton handled through Oklahoma City this season. The compress has already handled about 25,000 bales, and it is estimated that fully 25,000 more will arrive before the end of this month.

Railroads claim not to be opposed to the development of the Missouri river for commercial transportation. The belief that the railroad will bring business to the boats and vice versa seems quite plausible.

David Rankin, the noted stock feeder of Tarkio, Mo., is not feeding as many cattle this season as last. High-priced materials is the reason.

Kansas has fifteen railroads and 11,038 miles of track. The Santa Fe system has the most mileage; including branches and main lines, they own 2,415 miles.

Cotton pickers in the vicinity of Chickasha, I. T., picked with two inches of snow on the ground. The season there was late; however, the crop will be harvested without loss.

Under the auspices of the State Board of Agriculture of Missouri, a series of very interesting meetings was held in the town hall at Greenwood, Saturday, November 17th. The lectures were by Professor C. H. Eckles, of the department of dairying at the state university, and Dairy Commissioner R. M. Washburn. The attendance was remarkably good, and a great deal of interest was manifested in the addresses, which covered the entire range of dairy farming—selection of cows, methods of feeding, care of milk and profitable market for the output. Remarks were made by Dr. Cutler, pure food commissioner, and Mr. Ambrose Wright, Milk Inspector, of the Kansas City Health Department, on "The Necessity of Better Sanitation in the Dairy." Mr. Wesley P. Lummis, of Pleasant Hill, gave an interesting report on some yearly milk records that he has been keeping. George C. Mosher, president of the Missouri State Dairy Association, gave an address on "The Commercial Advantages of Dairy Farming over General Crop Raising on High-Priced Land Situated So Near to a Large City as Greenwood is to Kansas City."

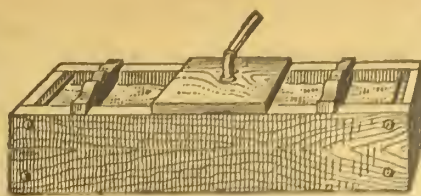
Uncle Sam's Agricultural wealth.

Economic revolution in the science of agriculture, which became noticeable in this country half a dozen years ago, has continued during 1906, with tremendous effect upon the nation's prosperity.

The farmer has become aware of the importance of the place that he occupies in the Republic, and in the pride of his occupation he is ready to offer this yearly account of himself to the people.

The value of the farm products of 1906 was 8 per cent greater than that of 1905, 10 per cent over 1904, 15 per cent over 1903, and 44 per cent over 1899.

The value of farm products on a commercial basis, estimated for every detail, is over six and a half billion of dollars. The amount is beyond comprehension. Only by representing the vast figure in



another form can one comprehend its immensity. Were that sum of money to be invested in shelled corn at twenty-five cents a bushel it would represent a pile of corn a quarter of a mile-deep over an area of one mile square.

Farm products continue to be so far beyond the national requirements that the farm still overshadows the mill, the factory, and the workshop in providing exports. With his surplus beyond the nation's need, the farmer has loaded the fleets of oceans. The products were exported to the value of \$976,000,000 during the fiscal year ending June 30, 1906—enough to build a high-class railroad halfway around the earth. This is the largest amount ever reached by agricultural exports for this or any other country, and exceeded by \$24,000,000 the extraordinary value of 1901, which had previously been the record year.

Principal among the items that make the increase over the fiscal year 1905 are grain and its products, chiefly wheat and flour, for which the gain was \$79,000,000; packing-house products, for which the gain was over \$37,000,000; cotton, \$19,600,000; various seeds, \$6,355,000; dairy products, \$3,900,000; and live animals,



These are the buildings of the J. Stevens Arms & Tool Co., of Chicopee Falls, Mass. Every man who has ever used a firearm of any kind knows something about the character of the goods made by the Stevens firm. Their rifles are standard throughout this country, and abroad as well. This reputation has been made and maintained on account of the fact that the very best material and workmanship is put into every article manufactured by this firm, and at the same time their prices are reasonable. Take, for instance, their little Krag rifle, No. 65. It is very simple in construction, containing only a few parts and can be easily taken apart. It is cocked by drawing back the hammer, which is made with a large knurled head. It has a round 20-inch barrel of blued steel, and this rifle sells for \$5. The advertisement of the Stevens firm will be found on page 8 of this issue. Send for catalog and mention this paper when you write.

tion of cows, methods of feeding, care of milk and profitable market for the output. Remarks were made by Dr. Cutler, pure food commissioner, and Mr. Ambrose Wright, Milk Inspector, of the Kansas City Health Department, on "The Necessity of Better Sanitation in the Dairy." Mr. Wesley P. Lummis, of Pleasant Hill, gave an interesting report on some yearly milk records that he has been keeping. George C. Mosher, president of the Missouri State Dairy Association, gave an address on "The Commercial Advantages of Dairy Farming over General Crop Raising on High-Priced Land Situated So Near to a Large City as Greenwood is to Kansas City."

\$2,400,000. Products exhibiting a decrease were mostly inconsiderable. In hops, the decline was \$1,355,000; tobacco, \$992,000; vegetable oils, \$726,000; fruits, \$440,000.

While the value of all cereals dropped about forty million below 1905 totals, the number of bushels above last year's yield is one hundred and twenty million. Corn remains by far the most valuable crop and the figure is right next to three billion bushels—a trifle under last season's crop. The cotton crop, fiber and seed combined, follows corn in order of importance although it is only three-fifths of the value of that crop. In Texas alone the cotton crop is greater than that of British India and three times that of Egypt. Hay is a crop that receives small popular attention, yet it is third in value. Though short by about eight million tons it is valued at six hundred million of dollars.

The fourth crop in order of value is wheat. It is only eight million bushels short of the largest crop ever grown, that of 1901.

On account of unfavorable weather the oat crop has fallen below the usual amount. It is, however, but little below the best crop on record, that of 1901, and will be valued at three hundred million.

Potatoes beat out barley in the race for rank and will make a probable crop next to the highest production which was in 1904. Three hundred million bushels at an average price of fifty cents is the estimate.

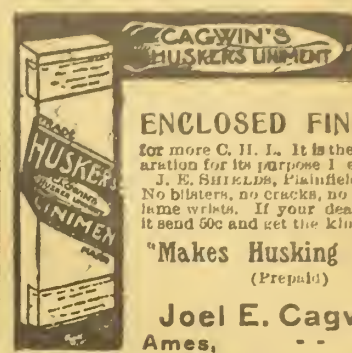
Barley has gained 21 per cent in pro-

The Only Hog and Sheep Waterer.

SIMPLE. DURABLE. RELIABLE.

NOW when everything else is frozen solid those who use the ONLY waterer know that the hogs have got all the water they want. Weather it below or just like summer with the ONLY. Write and ask us all about it. Enclose 10 cents for our booklet on hogs. —Write today—

THE ONLY MFG. CO., Hawarden, Iowa



ENCLOSED FIND 50c for more C. H. I. It is the best preparation for its purpose I ever used. J. E. SHIELDS, Plainfield, Iowa. No blisters, no cracks, no chips, no lame wrists. If your dealer hasn't it send 50c and get the kind that "Makes Husking Easy." (Prepaid)

Joel E. Cagwin, Ames, Iowa.

HEAVES

Has no equal for prompt relief and cure of heaves. Regular size, \$1.00.

CHAMBERS MFG. CO., BOX 315, Rochester, N. Y.

duction during the last seven years. This year's yield is the highest yet, and will bring growers around sixty-five million of dollars. The tobacco crop will be worth nearly as much, while beet sugar has made a rapid stride. Five times as much beet sugar was produced this year as was made seven years ago. Flaxseed totals a value of twenty-five million which marks its highest point. Rye is a minor crop and is on a par with rice.

On the whole, crop values have been neither notably high nor low in comparison with recent years, but the crops are so many in number that losses meet gains. Crops have been on such a high price level in the general average that they have raised the total crop value somewhat above 1905 and the high preceding years. To reach a still higher point in this extraordinary series of high annual values than had been touched before is an achievement that deserves attention.

Those Dangerous Stable Doorways.

To the Editor of The Homestead:

A much larger number of farm animals than is necessary are injured every season. If it could be accurately known just what number are bruised and lamed in passing through stable doors and passages, the result would be a surprise to many. One thing that farmers are very careless about is the condition of the approaches to stable doors. The doors themselves are often so narrow that an animal is sure to bruise a hip, while it is sometimes necessary to mount a stone wall a foot or two in entering, or jump into a mudhole when going out.

I know it is a difficult matter to keep up an approach when earth or manure is used, and especially with a vigorous lot of hogs to unearth every bit of grain or ashes it may contain. Lumber is expensive and does not last long in such a position. Nevertheless, the fact remains that a faulty entrance is a constant menace to sound limbs and bodies. Everyone knows how to construct a safe approach to suit their means. If earth is used, then be sure that winter does not come on before that ugly hole at the cow stable or the horse entrance is filled.

A number of times I have heard my neighbor complain that their horses got sweeney when doing the lightest kind of work. In such cases, one could usually find the entrances to stables in the conditions already described. Again, one frequently sees animals, especially horses, with a fractured hip, hip-shot as it is called. A jam against the side of the door causes one of the hips to drop, giving an ungainly appearance to the gait. Then there are other minor accidents, such as bruised knees and hocks, and sprained joints, that may lead to serious consequences. A few hours' work in fixing up such sources of trouble will be about the best insurance against accidents to stock that one can invest in.

Missouri Subscriber.

The Homestead and The Homemaker \$1.25 per year.

CUT ICE

With the Dorsch Double Row Ice Plow. We guarantee it will cut more than 20 men sawing by hand. Cakes are cut uniform, of any size and thickness. One man and a horse will cut more ice in a day than the ordinary farmer and dairy man can use. You can cut for others and make the price of our plow in two days' use. Ask for catalogue and introductory prices. JOHN DORSCH & SONS 216 WELLS ST., MILWAUKEE, WIS.

MADE IN THREE SIZES



Experiment With Hand-fed Cattle.

With the advent of creameries, skimming stations, and hand separators, the question of successful and economical raising of calves on skimmed milk is one of growing importance and vital concern to every creamery patron and private dairyman. As land increase in value, we can no longer afford to keep a cow the entire year for raising one calf to be used as a feeding steer.

For the last four years the Kansas Experiment Station has almost continuously been conducting experiments in rearing and feeding calves on skimmed milk or substitutes for skimmed milk. The material given in this bulletin is the result of our experience.

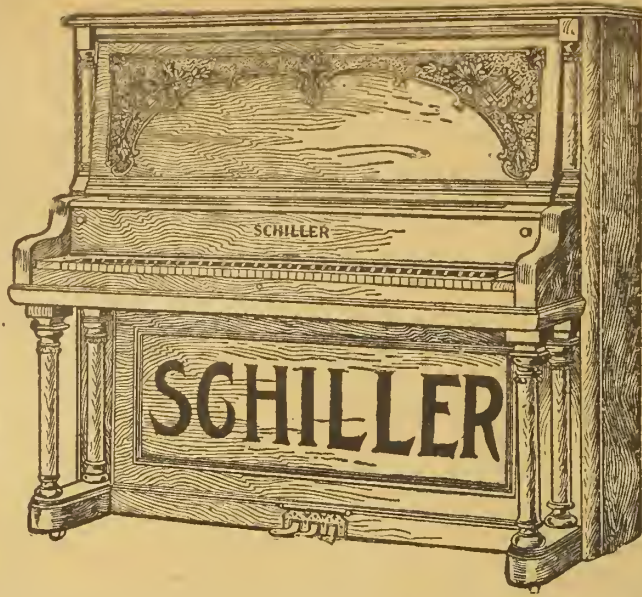
Strong, thrifty calves cannot be expected from cows that have received poor feed and poor care previous to calving time. The cow must be supplied with wholesome and nutritious feed, containing the elements that are necessary to the proper development of bone and muscle in the fetus. It is better for the cow, and we believe better for her record in the production of milk and butter-fat, if she can go dry for six or eight weeks previous to calving. If it is impossible to dry her up without injuring the udder, continuous milking should be practiced.

Where the cow has access to good pasture with plenty of spring water she needs little or no attention until two or three days before calving. If she has secluded, shady and otherwise comfortable quarters separate from the other cattle, and is carefully watched by an attendant she may need no other attention until after the calf is dropped. Sometimes luxuriant pastures will stimulate heavy milkers to produce too much milk prior to calving, in which case the supply of feed should be reduced, and in extreme cases the milk removed before calving.

When kept on dry feed care should be taken to provide plenty of succulence. Ensilage and roots serve an excellent purpose, the object being to keep the bowels loose. When alfalfa or clover hay is used for roughage very little grain is necessary. With less nitrogenous rough feeds, a grain mixture of two-thirds bran and one-third oil meal is excellent. Soy beans may be used as a substitute for oil meal.

In cool or cold weather the cow should be placed in a box stall well lighted, with plenty of ventilation. When the calf is dropped it is well to blanket the cow until she regains her normal condition. In the absence of anything better, gunny sacks sewed together will do very well. Light-loosening feeds, water from which the chill has been taken off, should be given. Cold water is liable to cause contraction of the womb and detention of the afterbirth. If the latter is not discharged in from twenty-four to forty-eight hours it should be removed. If the udder is heated and caked it is advisable to milk the cow frequently, though not quite dry, and the udder should be steamed by rubbing with a flannel cloth dipped in as hot water as the hand will bear, after which the udder should be rubbed dry, and treated with camphor, olive oil, or camphorated vaseline. If there are any signs of constipation, it is well to administer from one and a half to two pounds of Epsom salts dissolved in water. All these points will aid materially in keeping the cow in good, healthy condition, and consequently give the calf a good, healthy start.

As soon as the calf is licked by its mother, it should have strength enough to rise and suck; if it has not, it should be assisted. The calf may be taken away from its mother after its first meal, or, if preferred, can be left with the cow until the milk is good. It is easier to teach the calf to drink if it is taken away early. Our experience is that if the calf is taken away at once, or when four or five days old it will make good gains the first week, but if



SHIPPED SAME DAY TO WINNER and party advised by telegraph that it is coming. In case of tie a prize of equal value will be given those tied. Every club raiser will positively get an elegant Christmas present free.

DON'T DELAY. HERE'S HOPING YOU GET THE PIANO. ADDRESS, SUCCESSFUL FARMING, DES MOINES, IOWA.

This Piano Absolutely Free

This elegant, upright mahogany Schiller Piano will be given absolutely free to the man or woman, boy or girl in the state of Iowa who sends Successful Farming the largest club of subscribers between now and December 22d.

This is a SPECIAL CHRISTMAS PRESENT to Iowa people. No person living in Des Moines is allowed to compete. This is a very handsome \$375.00 Piano, and one worth many times the value of the largest club we will likely receive, but we want Iowa people to know about our paper. The Piano is a beauty, fancy figured mahogany, 7 1-3 octaves, positively and fully warranted in every shape and manner by E. H. Jones & Son, Des Moines, the largest piano house in Iowa. The Schiller is absolutely first-class. Ask your local piano dealer.

Our paper is the handsomest agricultural paper published elsewhere. The price is only 25 cents per year and any person will give so small an amount for such a good paper. It is only a question of doing a little work. If you want this piano it can be yours.

Earn This Piano as a Christmas Present To Your Wife, Daughter, Mother or Friend. You Can Do It Easy If You Go To Work.

We also publish the LADIES' FAVORITE MAGAZINE, a handsome monthly story paper at only 25c per year. Subscriptions to this paper count the same as to Successful Farming. Send for samples of both papers. WRITE QUICK. Remember this is not a long drawn out contest. Every letter must be mailed by Dec. 22d. Piano will be awarded Monday, December 24th and every club raiser will positively get an elegant Christmas present free.

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Publisher Successful Farming, Des Moines, Iowa.
Send me particulars of your piano offer quick.
I want to work for it. Send sample copies.
Name _____
Postoffice _____
State _____

left two or three weeks, the first seven days after weaning will be a losing period. If the cow's udder is caked it is desirable to leave the calf with her, as the rubbing of the calf tends to alleviate the inflammation.—Kansas Bulletin.

This Progressive Agricultural Age.

To the Editor of The Homestead:

Being a farmer by occupation and a subscriber to this paper, I am always interested in perusing its columns. Among the vast number of subscribers there are a few who, by their communications to the paper, render valuable information to those interested in the various subjects discussed.

The farmer as a rule has not had the training which enables him to write articles for publication. Under the directions of skilled workers in our agricultural colleges methods of farming have been scrutinized and improvements have been suggested. Many of our young farmers are seeking an agricultural education at these institutions, and no doubt we will hear from them in due time.

This has been a prosperous season for the farmer. The good old summer time was followed by a pleasant fall. Corn husking is about finished in this section and soon it will be in the crib. It is to be expected that in due time winter with its usual discomforts will be here. The average farmer of today is well prepared for it. How different is the situation now to what it was forty years ago. Then, straw sheds and rail fences were the principal protection for our live stock. Water was obtained mostly from slough wells, drawn up in pails by means of a forked stick. Large and convenient barns now stand where once the straw sheds stood, and a system of water works is installed that supplies not only the dwelling house, but the surrounding buildings as well. Telephones reaching in all directions, the daily mail delivered at the gate, interurban roads, some constructed and others being constructed, and even the automobile are luxuries that many of our farmers and their families enjoy at the present time.

With the children at school and the old folks at home enjoying the fruits of their past labors, it is well to give heed in many ways to the future. The older ones whose looks are tinged with gray no longer care to toil and battle with life's active duties. They are ready to step down and out and let the younger generation take their places. It is said that the young man ought to commence where the old man left off. Conditions are different now from what they were in the past; hence it might not be good policy to follow the above advice in all respects. In this age of progression it behooves the young man of today to get a hustle on himself, it matters not what vocation in life he chooses. I have great faith in the future of our country, especially the agricultural part of it, and have no fears as to the fu-

DAIRY LANDS IN OREGON

OREGON DEVELOPMENT LEAGUE, Dept. 29, Portland, Oregon.

STOCK FARM FOR SALE

321 ACRES, 8-room house, frame barn, cattle sheds, corn cribs, well fenced, large grove, orchard, best of water; good corn. hay and pasture land. No. 1 place for stock growing or dairying. Five miles from railroad town, price, \$10,500; terms to suit; might take small farm as part pay.
M. B. HUBBARD, Owner, - Iduna Kan.

Earn \$150 per Month.

RELIABLE man with a rig and \$100 can start a clean, legitimate business for himself selling our well advertised Tonic Stock Food at \$3.50 per 100 lbs. (about one-third other brands.) Every sale makes a regular customer. We want only one man in a neighborhood, so write at once before territory is taken by someone else. Learn of our reliability by inclosing stamped envelope to First National Bank, Elgin, Ill.
TONIC STOCK FOOD CO., Box 4, ELGIN, ILL.

ture farmer keeping up with the procession.
Cedar County, Iowa.
C. H. Fairall.

THE MARKETS.

Chicago, Nov. 24.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Nov. 17.....	584	70	14,310	1,239
Mon., Nov. 19.....	32,085	2,201	33,146	34,352
Tues., Nov. 20.....	8,344	1,403	25,283	26,219
Wed., Nov. 21.....	24,272	1,993	23,893	22,666
Thurs., Nov. 22.....	7,353	699	13,598	7,155
Fri., Nov. 23.....	1,135	461	26,757	10,759
Sat., Nov. 24.....	1,500	100	19,000	2,000

Total this week.....	77,689	6,857	141,677	103,151
Previous week.....	86,094	6,832	140,263	100,894
Cor. week 1905.....	67,245	3,616	179,584	78,069
Cor. week 1904.....	69,475	4,020	165,475	92,486

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Nov. 17.....	2,166	30	1,403	1,312
Mon., Nov. 19.....	5,760	165	6,356	4,694
Tues., Nov. 20.....	5,194	148	2,070	5,167
Wed., Nov. 21.....	5,219	45	2,886	7,997
Thurs., Nov. 22.....	6,617	185	2,364	5,112
Fri., Nov. 23.....	6,522	238	4,261	1,743
Sat., Nov. 24.....	2,000	50	2,000	1,000

Total this week.....	31,412	831	19,937	25,713
Previous week.....	31,849	796	22,790	34,507
Cor. week 1905.....	25,510	160	27,325	31,132

OTHER MARKETS.

National Stock Yards, Ill., Nov. 24.—Cattle—Receipts, 1,500, including 600 Texas; market dull. Hogs—Receipts, 6,000; 7 1/2 @ 10c lower; pigs, 15 @ 20c lower; top \$6.17 1/2, bulk, \$5.05 @ 6.15. Sheep—Receipts, 100; steady.

South St. Paul, Minn., Nov. 24.—Hogs—Receipts, 3,500; 10c lower than Friday morning; light mixed, \$5.85 @ 5.90. Cattle—Receipts, 1,400; steady. Sheep—Receipts, 2,200; steady.

Sioux City, Iowa, Nov. 24.—Hogs—Receipts, 3,200; 10c lower; range, \$5.90 @ 6.15; bulk, \$5.95 @ 6.00. Cattle—Receipts, 400; steady.

South Omaha, Neb., Nov. 24.—Cattle—Receipts, 1,200; slow to shade lower. Hogs—Receipts, 1,300; 5 @ 10c lower; top, \$6.22 1/2; bulk, \$6.00 @ 6.10. Sheep—Receipts, 3,500; steady.

St. Joseph, Mo., Nov. 24.—Cattle—Receipts, 600; steady. Hogs—Receipts, 9,000; 7 1/2 @ 10c lower; top, \$6.15; bulk, \$6.05 @ 6.12 1/2. No sheep.

Kansas City, Mo., Nov. 24.—Cattle—Receipts, 1,500; nominal. Hogs—Receipts, 7,200; 7 1/2 @ 10c lower; top, \$6.20; bulk, \$6.10 @ 6.17 1/2. Sheep—Receipts, 1,200; nominal.

CONSUMPTION CURED

Remarkable Recovery of a St. Louis, Mo., man who was Pronounced Incurable and in the Last Stage of Tuberculosis (Consumption).

Physicians Claimed Patient Was Past Medical Aid.



WM. SCHMIDT

After being treated for some time in a prominent St. Louis Hospital without benefit—after numerous examinations of his sputum showed a gradual increase of Tubercle Bacilli (Consumption germ)—after the best physicians abandoned his case as absolutely incurable and predicted early death and after his relatives had taken him home from the hospital to die, Wm. Schmidt of 1904 Coleman St., St. Louis, Mo., was cured of that dread disease—cured completely and permanently by

LUNG-GERMINE

the German Specific for Consumption and all Diseases of the Lungs and Bronchial Tubes.

Lung-Germine has not cured this one case alone, it has cured hundreds of cases of genuine Consumption (Tuberculosis)—it is doing it daily.

Lung-Germine has stood the most rigid tests so often and so well, it has brought new hope and new life to so many sufferers who were afflicted with Consumption and had lost all hope, and it has proven its power to destroy Tuberculosis germs in so many cases, that today this German specific is recommended by thousands and is used by many physicians in their private practice.

IF YOU HAVE A HACKING COUGH

splitting of yellow and black matter, night sweats, bleeding from lungs or spitting of blood, fever and chills, pain in chest and sides and under shoulder blades, and if you are losing in flesh consider these symptoms as nature's warning that your lungs are affected and that you are in need of immediate treatment to check the advance of the disease.

LEARN MORE ABOUT LUNG-GERMINE

We will be pleased to send you a FREE TRIAL of Lung-Germine, also our new book on "Consumption, its Cause and its Cure," and Mr. Schmidt's letter in which he explains in detail about his cure of Consumption by Lung-Germine.

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The Homestead and The Homemaker \$1 25 a year.

A TEAM OF HORSES THE ONLY HELP REQUIRED
to bore wells with the
POWERS
Boring Machine.

You can run it alone, because the tools operate through center of platform, while the horse walks around it. Bore easily through frozen ground; 100 ft. in 10 hrs. Mounted on wheels, and easily moved from place to place. Write for Catalog. Lisle Mfg. Co., Box 26, Clarinda, Iowa.

LANDS AND HOMES FOR SALE

The CANADIAN West Is The Best WEST

160 ACRES
FARMS IN
WESTERN
CANADA
FREE

THE testimony of tens of thousands during the past year is that the Canadian West is the best West. Year by year the agricultural returns have increased in volume and value and still the Canadian Government offers 160 acres free to every bona fide settler.

GREAT ADVANTAGES

The phenomenal increase in railway mileage—main lines and branches—has put almost every portion of the country within easy reach of churches, schools, markets, cheap fuel and every modern convenience. The ninety million bushels of wheat crop of this year means \$1,000,000 to the farmers of Western Canada, apart from the results of other grains as well as from cattle.

For literature and information address

Superintendent of Immigration
Ottawa, Canada,

or the authorized Canadian Government Agent,

W. V. Bennett, 501 N. Y. Life Bldg., Omaha, Neb.

E. T. Holmes, 515 Jackson St., St. Paul, Minn.



SOUTHERN CALIFORNIA FARMS

Write for illustrated booklets about the Chino Ranch—60 minutes from Los Angeles. Land worked every day in the year—only \$75 to \$150 per acre, 1/4 cash, balance easy terms. Great water supply.

CHINO LAND & WATER COMPANY
516 Wilcox Bldg., Los Angeles, Cal.

Improved Farm FOR SALE.

280 ACRES—3 miles northeast of Johnstown, Brown county, Neb.; 150 acres black loam, clay subsoil, in cultivation; 5,000 bushels grain raised in 1906; good house and all necessary farm buildings; good well and windmill; farm nearly all fenced, including 130 acres pasture; 1/2 mile to school. Price \$30 per acre. Warantee deed given. Address the owner,

E. J. A. Rice, - - Harvard, Neb.

NOW TO CUBA!

WHY? BECAUSE now for the first time, the Turiguan Land Company is offering a portion of its plantation for sale in small tracts, to suit the purchaser, and at extremely low prices. Turiguan Plantation is admitted by all to be the richest and best in all Cuba. Write at once, for fine descriptive booklet, prices and terms, cheap rates, etc. Correspondence solicited. Look into this, and you will buy.

TURIGUANO LAND CO.
Majestic Bldg., - - Chicago, Ill.

IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY,
Laurens, - - - - - Iowa

WHY PAY RENT?

WE will sell you improved farms in Pulaski Co., south Missouri, at \$5 to \$15 per acre, on easy terms. Raise fruit, vegetables, grains, corn, etc. On main line R. R. Let us tell you more about it. Write now.

DAVIS BROS. REALTY CO.,
544 New Ridge Bldg., - - Kansas City, Mo.

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for all. Will sell on favorable terms or will take good small farm or other property in part payment. BOX 151, INDEPENDENCE, IOWA

FOR SALE.

160 ACRES—One mile from Gibbon, Neb., all level land, alfalfa and other grasses. Five-room house with water. Stable for nine horses, cow stable, hen house, hog houses and granaries. Four hundred rods of hog fence. Telephone and R. F. D. Price \$70 an acre. L. C. Mitchell, Shelton, Neb.

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In Southwest MINNESOTA.

BEST of Black Loam Corn Lands. Farms that pay. Best values offered. Descriptive price list free. E. H. Crandall, Montevideo, Minn.



In Beautiful Artesian Valley, with its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to Miller & James, Meade, Kansas.

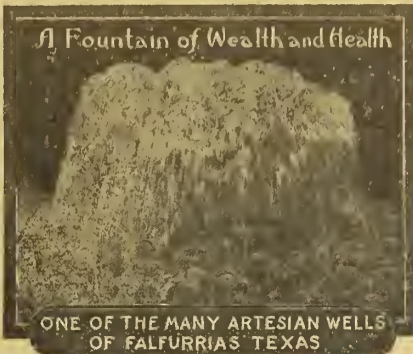
FARMS FOR RENT. Iowa, 80 to 640 acres. Mo., Ill. Cash or share rent. Write for list. Northern Iowa Land Co., Independence, Ia.

Oklahoma Farms For Sale In Noble County for corn, wheat, alfalfa; will sell you a well improved home cheap. Write A. W. Tucker, Perry, Oklahoma.

IOWA FARMS FOR SALE Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

\$650 BUYS a 120-acre improved farm, rich soil, 80. Mo. McGrath, 2940 Prairie, St. Louis.

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ONE OF THE MANY ARTESIAN WELLS OF FALFURRIAS TEXAS

117,000

Acres Richest Sandy Loam Land
in the ARTESIAN BELT of

Falfurrias

In Gulf Coast Country of
South Texas.

\$14 to \$25 per acre. Terms: One-third cash, balance in one, two, three and four years at 7 per cent interest. THE BEST FRUIT, GARDEN and FARM LAND. SUFFICIENT RAINFALL FOR ALL CROPS. HEALTHFUL CLIMATE and ARTESIAN WELLS. Our farmers RAISE CROPS \$50 to \$300 PER ACRE. Let us prove th' to you. Write for FREE literature and the latest map of Texas.

We sent 22 Prospectors to Falfurrias on Nov. 6th and they all bought Land. They must have found what they were looking for.

FALFURRIAS IMMIGRATION CO., INC.,
No. 3 West 10th St., Kansas City, Mo.

Investors Agent and Colonizers. Large Tracts for Investors.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$80 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS,
KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

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OF EASTERN WASHINGTON, where you get not only the best of lands at low prices, but also get located in the finest climate, where crop failures are unknown; no bugs, flies or rust; freedom from electrical and destructive wind and hail storms; where fruits of all kinds do well. This is no experiment, as the country has been thoroughly tested. Special inducements to parties buying this fall. Railroad fare refunded to purchasers. Write for pamphlet to

THE BIG BEND LAND CO.
Dept. I WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY OF NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
Capital and Surplus, \$250,000.00.
LARIMORE, - - - - - NORTH DAKOTA.

FINE RANCH OR COLONIZATION LAND
22,994 ACRES. ONLY \$3.00 PER ACRE.

LOCATED only 12 miles from Cheyenne, Wyoming, on the Union Pacific Railway. Investors can make big money selling out this land at retail. Surrounding lands now selling at \$8 to \$10 per acre, and is rapidly advancing in price. Purchaser must buy entire tract. Only reasonable cash payment down required, and long time on deferred payments. Better wire or write for full information. Your last chance to buy good land cheap.

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General view of buildings on the 480-acre alfalfa, wheat and stock farm—not all the buildings shown—offered for sale at \$60.00 per acre, by W. H. Grassmeyer, of Riverdale, Nebraska, who will send terms and full description on request.

OWN A FARM.

BUY it direct from the owners, the Duluth & Iron Range R. R. Co., and have speculation profits. Titles perfect. Prices to suit all corners. Make small payment down and balance in 10 to 15 years' time at 6% per annum.

MEADOWLANDS

IN St. Louis County, Minn., is only 45 miles from Duluth and crossed by two railroads. Has a rich, clay loam soil, pure water, school, good neighbors, good roads. No stumps and no stones. Look this up before locating elsewhere. A fine dairy and diversified farming district. For map and full information, address,

LAND COMMISSIONER D. & I. R. R. CO.
525 Wolvin Bldg., - - Duluth, Minn.

FOR SALE---AT A BARGAIN.

THE Crawford Ranch is one of the best stock farms in Eastern Kansas, located seven miles from Cottonwood Falls, county seat of Chase county, and in the best stock-raising section in the state, consisting of 1920 acres of rolling prairie and creek bottom land, all in one body, with two miles of creek, and never-falling springs in all the pastures; 60 acres of timber, 450 acres under cultivation, 60 acres of alfalfa, 50 acres English blue grass; 800 bearing apple trees, 15 miles of 4-wire fence, 3 miles of woven wire fence, 3 miles of stone fence, 4 good ranch houses, large barn 40x70 with "L" 12x21, and other outhouses, farming implements; corn, kafir corn and cane, four good wells, about 500 head of cattle, horses and hogs. I have carefully examined this property and find it one of the best, and can sell at a bargain. If you want a fine ranch, this is your opportunity. Address, CALVIN BREWER, P. O. Box 337. Topeka, Kan.

WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$80 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

Farms Close to Kansas City

WE are right on the ground; have been established since 1882, and are headquarters for improved farm bargains from \$40 to \$80 an acre within 50 miles of Kansas City, Mo. Call or write.

ALLEN INVESTMENT COMPANY,
Cor. 9th and Wyandotte Sts., - - Kansas City, Mo.

YOU WANT LAND

BUT do not buy before looking over the proposition around Gibbon, Buffalo County, Nebraska, the center of the famous Wood River Valley country. If impossible to come at once, write for my new list of well improved farms close to town and school.

L. P. SARGENT, Gibbon, Neb.

FOR SALE.

4590 ACRES alfalfa ranch, on Loup River, 30 miles N. W. of Kearney, no sand, good improvements; 300 acres good oak timber; will all grow four to eight tons alfalfa per acre per year. Price, \$15 per acre and mostly on time, if desired, at four per cent. Write, or call and see the owner, G. L. Crookham, 1911 Ave. C, Kearney, Neb.

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment. BOX 81, INDEPENDENCE, IOWA

LAND! GOOD LAND!

WE have a large list of good land bargains scattered over all of Kansas and Oklahoma and we can and will sell them right, and lend liberally at 5%. Descriptions and terms sent on request.

ADAMS REALTY CO., - - Moline, Kan.

FARMS, STOCK RANCHES, CITY PROPERTY

BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank. Hartford Land Co., Hartford, Kansas.

FOR SALE—143 acres good bottom land; 100 acres cultivated, 40 acres in pasture and woodland, 7 acres clover fenced for hogs, 18 acres clover, running water, family orchard, apples and peaches; 7-room house, good well, small stable; daily mail and telephone; 10 miles south of Topeka. Price \$50. Box 62, Wakarusa, Kan.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

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DAY BY DAY

Agricola

Back in sterile New England Agricola became acquainted with the stone fence. Durable? Well, no. The stones were durable, but let the "bell wether" jump over and all the flock scud after and that fence would disintegrate. And it had to be well-laid to stand the storms and buffeting of adverse weather. And so it was that when he saw stone fence posts out in "sunny Kansas," with barb wires stretched from post to post, it looked as if there was a durable fence.

But in his travels he found a broken gate post, and it was a stone post. Then he realized that although stone does not rot, it may be comparatively brittle, and these posts were heavy and bungling and limited in supply to a peculiar geological formation. The rock strata would split into passably good paving stones, and would split with less regularity in the other direction, making posts of rather irregular shape.

Up in northern Iowa he saw a fence made by a farmer with rock bases to the posts, and an iron rod set in a drilled hole in the top of the rock. The iron rod was the post—the base was a boulder, of which there are many in that region. They came down from the north in the glacial period, and where a glacier was stalled by the conformation of the land it thawed and dropped the boulders. They are granite, and of course very durable for building purposes, but not convenient for fencing. A large church was built of one of these boulders, or practically of one. For artistic effect some fragments of another rock of another color were used, but enough of the "big boulder" was left to have completed the church.

And since natural stone is not easily made into good fence material, attention has been called to artificial stone—cement and sand. I have seen different kinds of cement posts. They need reinforcing with iron rods or wire to insure against breakage.

A combination post bids fair to be durable and satisfactory, unless the cost be an objection. It has a cement base and an angle iron post above ground. The angle iron is set in a mold and rich cement poured in. There is a patent on this post, and the royalty adds to the expense. But why not make the hole for the post, fill it with cement and stick in the iron part while the cement is green? This is what Agricola will try to know next spring, and a correspondent of this paper lately said some of the railroads in Kansas are now fenced with that kind of post, using common gas pipe for the iron part.

Farmers have learned to cover their stock water tanks, leaving a hole in the cover through which cattle drink. This helps keep in the heat, but when the water gets low, the surface is exposed to air and the heat passes off by radiation. Agricola adds to this method a "well" in the tank just the size of the hole in the cover. This well is made of matched boards or shiplap, so as to be tight. It reaches to within two inches of the bottom of the tank. Result: No air can get to the surface of the water except in this small well; consequently, radiation is arrested. As cattle drink, fresh water enters at the bottom and takes the place of that used by the stock. This well is a great help in protecting from freezing.

There is one rule which determines whether hogs have a suitable sleeping place. There are others, but this always applies. If the smoke or steam when they leave their bed and come out for

breakfast, then conditions are bad. The hog is a semi-torrid animal. He can stand much cold when he has a thick lard blanket for cover, but he chills readily in sudden exposures to cold wind when warm with sweat, and congestion and disease follow.

These cotton husking mittens are a great blessing. When Agricola was young and innocent he had to husk bare-handed, and the suffering from chilled and sore hands still lingers in memory. Then the leather husking glove was invented, but it was so stiff that nimble husking was out of the question. The thumbs of husking mittens wear out first, and so they are now made with two thumbs. You stick one inside and when the first thumb is worn through, turn them and use the whole thumb.

The forefathers used to husk five rows at once, and the fathers did the same, letting the horses straddle the middle row. The boy, if there was one, took this "down row;" if not, a man had to stoop and gather the ears. It was a poor method. It was slow, and it wasted corn. The three hands, one on each side and one behind the wagon, husked no more corn in a day than will one good man now with the wide "bang-board" on one side, and the horses kept from the unhusked rows. It is related that when Secretary Wilson lived on his Iowa farm he husked the "down row" and had Roberts' "Rules of Order" fastened to the hind endgate. He husked his row and learned parliamentary tactics at the same time; went to the legislature, to congress, was agricultural professor at Ames, and finally became the greatest secretary of agriculture in history, which only shows that he is an exception.

I firmly believe in a house for farm machinery. It looks so wasteful to see fence corners and groves filled with machinery going to decay. But on the other hand, it does not always pay to use an old machine, even if it is as good as new. Who would take an old Marsh harvester as a gift and use it? And the old self-binders were horse-killers; the old corn-binders wore out regardless of shelter when not in use, as the oiling facilities were bad, and dust and grit gained easy access to the bearings. Still, poor machinery should be knocked to pieces and the pieces sold or burned, and good machinery should be kept under shelter when idle.

I have never seen one of the corn-huskers in use. I mean the kind which husks standing corn from the hill. A neighbor took one on trial, but he did not like it well enough to buy it. In their present form they will husk, but they are clumsy affairs, and the men and horses necessary to run a machine and the wagons to catch one corn can get along faster and with less waste without a machine. If constructed so as to husk two rows at once, and that does not look impossible, then the machine might expedite work, but the delays of a machine stop the work of a whole gang, while men husking separately have no such delays.

Two ways to waste corn fed to hogs are to feed in the mud or in an unprotected, wind-swept spot, and the other is to feed under even good conditions, but make the hogs sleep on a stone or cement floor.

We must study to grow the stock feed almost exclusively. This buying by-products for balancing the rations has increased the demand and the increased demand has increased the price beyond reason. By planning to grow more protein, we shall need to buy less, and the lessened demand will level down the price of what we do need to buy.

About the only practicable rust preventive for oats is to sow them early



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and use heavy, vigorous seed. The heavy seed can be selected by running the seed oats through a fanning mill and blowing out the lighter grain.

The danger of overfeeding cows is chiefly in feeding too much concentrated feed. They will not overeat of roughage, and if the right proportion of the ration is roughage, they cannot overeat.

Tree peddlers have been both a blessing and a curse. It is better to buy of your local nurseryman, but many a man will not buy unless beguiled into it, and so his farm would have been unplanted to trees but for the wiles of the tree peddler.

The Boar and How to Manage Him.

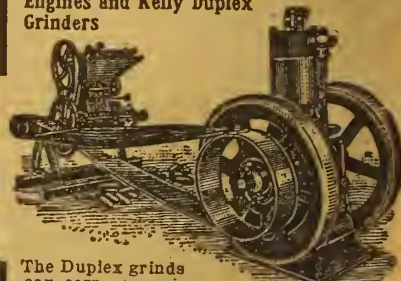
It is frequently said that the bull is half the dairy herd. With equal truthfulness it can be said that the boar is half the swine herd. We may select a sow, and she may prove to be a disappointment. Often it is so when a farmer begins to go in for a system of breeding and selection, not knowing the heredity of former ancestors. You must have good stock to begin with. Unless you have a good sow, there will always be trouble. The evil results of an inferior boar can be seen in the first litter, and at once this class of animal should be gotten rid of. Much of the success of a boar depends, in addition to his breeding, upon the feed and care that have been given to him while young.

The great bulk of farmers, however, are not so situated as to be able to make a personal selection from the herds of good breeders. In many instances this is perhaps a good thing, as the number of pure-bred pigs of great beauty and form lead farmers astray from intelligent selection, and in the end it is best to leave the choice to the integrity of the breeder. I have always found it a good plan to wait until about the end of the autumn before purchasing, as it is not advisable to have a boar very long before you intend to use him. Every pig breeder should know the points of a good pig, or at all events have an ideal which he will be aiming at. The marks of different breeding are always plainly visible. Watch for a narrow back, a drop behind the shoulders, a short girth around the heart, walking on the dew-claws, or needlessly long, coarse, bony legs, large long, coarse head and ears, narrow over shoulders and loin, tucked-up ham and flank; in fact, any indication of an unprofitable feeder. The buyer should know exactly what he requires, and write to the breeder of pure-bred pigs, stating the objectionable and the desired points. He will see that you understand your business, and this will cause him to take a pride in his reputation, and fill your order to the best of his ability with a type of boar that for a series of years will lead to a steady improvement. Do not have an ideal color, and sacrifice everything else for color. Remember that the slaughter man erases color and spots. It is a good pig he asks for, and not a fancy-colored animal. Never confine yourself to a particular color when ordering a boar. So long as he is not just the opposite color from that which purity of type demands, you are all right.

Where shall we keep this boar? is often a perplexing question to farmers. If

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pig breeding is to be carried on at a profit, this is a question that has to be dealt with. As an important industry on a farm, it should be established on a proper basis. There are many different ways to manage the boar. I have tried and seen many ways, and have long since arrived at the conclusion that it is safest, and entails the least work and vexation, to have a permanent yard or small paddock for the boar. The fence, of course, must be pig-proof. For protection from the weather, erect a shanty-like pen, eight feet by eight feet, and high enough to permit of entrance when cleaning it. In order to guard against waste of food, there should be a feeding floor, at least ten feet in length, and wide enough to permit of the boar standing on it in front of his trough. It is best to have the feeding trough and floor at one corner of the yard, so as to be more secure from being rooted up. If natural drainage can be secured all the better, but if not, bedding must be provided to keep the yard healthy and clean. If one or two trees are growing in the yard, to give shade in summer, this will be a great advantage. Pigs like comfort, and unless it is provided, do not thrive well.

By having the boar confined to his enclosure, a farmer will never be disappointed in having some sows in pig when not wanted, as is often the case when the boar is permitted to run at large, and, perhaps, travel of his own free will from farm to farm, for miles around. In a pen he is not teased and fretted by sows, which is detrimental to his development.

The boar should have full rations of food calculated in its nature to grow and develop him, yet not to fatten him. As long as the season will permit, he should never suffer for want of green and succulent food. It always adds materially to his growth and health. Neither should he ever know the want of a regular supply of salt, ashes or chareol. Everything, in fact, that will add to his comfort, vigor, growth and health will be found a paying investment in his future offspring.

Selection, food and care are more powerful in developing possible characteristics than most of us, perhaps, realize. Our own management must go hand in hand with the improvement of the herd. In conclusion, above all, farmers should not forget to keep the boar thoroughly under subjection, because if he proves a worthy sire, he, too, like the sow, will add improvement to the herd, that too often fails in immature breeding.

Recollect, also, that the service of the boar must be restricted. It is often the excessive service of the boar that shows its detrimental effects in the offspring, no matter how well he is bred or cared for.—[Writer in Kansas Board of Agriculture Report.]

Cut off that cough with
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and prevent pneumonia,
bronchitis and consumption.
The world's Standard Throat and Lung
Medicine for 75 years.
Get it of your druggist and keep it always ready in the house.

CHRISTMAS HINTS.

BY WINNIE FAIRFAX.

May be in His more human weariness
Came little things to minister and bless;
To touch Him in an humble way, to please.
Perhaps came little earthly memories;
The simple stir of Nazareth's sun-washed
street;
The busy sound of Mary's housewife feet;
A pattern of leaf shadows at the door;
The scene of fresh curled shavings on the
floor.
—S. H. Kemper, in McClure's Magazine.

Behold I bring you glad tidings of
great joy, for unto you is born this
day in the city of David a Savior which
is Christ the Lord.—Bible.

We have a suggestion to make this
Christmas to the readers of The
Homestead. If you are blessed with
plenty of this world's goods and
your children are liberally supplied with
toys and books, why not leave the
Christmas tree until New Year's day,
then trim it anew with small bags of
candy, nuts and any kind of sweetmeats
that children love, put on all the toys that
your children are willing to spare, and
then invite in those children whom you
suspect have had rather a cheerless
Christmas and give them the time of
their lives? It will do your soul good to
see how happy they will be over this be-
lated Christmas, and your own children,
if they are the right kind will be quite
as happy in the giving as the others are
in the receiving. We do not mean that
the children should be forgotten at
Christmas time, but the New Year's tree
will not only be a happy surprise for
them, but will serve to bring the lesson
home to our own children that it is more
blessed to give than to receive.

If ever the capable housewife is ex-
cusable for wishing that her board
be well and generously spread it is at
the holiday season. Then it is that the
absent ones return to partake of Christ-
mas cheer and friends and neighbors
most heartily respond to the invitation
to make merry with each other. It is
no mean gift to be a good cook. It is
an art and a science to be able to pro-
vide food that is at once delicious and
wholesome and any woman that has this
gift may well be proud of her accom-
plishment. But to be a good cook pre-
supposes good and reliable recipes to
work from, and these we are now giv-
ing are both reliable and delicious. We
also give a very satisfactory menu for
the Christmas dinner. This of course
with the understanding that it may be
varied to suit the tastes of the different
members of the family.

Old New England Dinner.

Roast Turkey or Chicken Pie
Potatoes Onions Squash or Turnips
Celery Cranberry Sauce
White and Brown Bread
Plum Pudding.
Apple Pie Mince Pie Pumpkin Pie
Nuts Raisins Apples
Tea Coffee

Mince Meat—Ingredients: Three
pounds lean beef (from prime round,
steamed till tender), one and one-half
pounds of suet, six pounds of Greening
apples, two lemons and two oranges
(grated peel and juice), one and one-half
pounds of brown sugar, two pints New
Orleans molasses, two pints hard cider
(boiled), three nutmegs (grated), two
teaspoonfuls of salt, one teaspoonful of
mace, two teaspoonfuls each of ginger,
allspice, cloves, cinnamon, one pound cit-
ron, two pounds seedless raisins, two
pounds large raisins, seeded, two pounds
currants, a glass of grape jelly. Chop
the meat into pieces the size of French
peas and chop the suet as fine as pos-
sible. The apples should be chopped into
pieces as large as navy beans, the rais-
ins left whole and the citron in thin
slices as large as half a silver quarter.
Use real New Orleans molasses, and final-
ly, if the mince meat is too thick, thin
with cider.

Stuffed Ham—Soak and scrub a ham,
and remove the bone with the aid of a
sharp, small knife. It is a tedious pro-

cess, but not very difficult. If possible,
get your butcher to do it for you. Into
the space left pack a stuffing of bread
crumbs seasoned with onion, pepper and
Worcestershire sauce or mushroom cat-
sup, and moistened with butter. Sew the
ham in shape in a piece of cheese-cloth,
and boil in water enough to cover it,
adding two tablespoonfuls of vinegar to
the water. Boil twenty minutes to the
pound. Let it get cold in the liquor,
then take it out and put under a heavy
weight. Remove the cloth and the skin,
ornament the top of the ham with dots
of paprika and black pepper, and serve
for the Christmas night supper.

Jellied Chicken—Boil a fowl or large
roasting-chicken until tender, putting it
over in cold water and letting it cook
very slowly. Remove the skin, and cut
the meat into neat pieces of nearly uni-
form size. Strain and clear the liquor in
which the chicken was boiled, season it
well, and add to it gelatine in the pro-
portion of one tablespoonful of this to
one pint of the liquor. The gelatin must
first be soaked in cold water. Put a
layer of chicken into the mold, arrang-
ing between the pieces of chicken slices
of hard-boiled egg, stoned olives and
capers. Pour a little of the partially
formed jelly you have made from the
liquor over this, put in another layer of
chicken, more jelly, and continue until
the mold is filled. Set on ice until cold
and hard, then turn out on a flat dish.

Boston Brown Bread—One cup corn-
meal, one cup rye flour, one cup sifted
graham, one teaspoonful salt, one cup
New Orleans molasses, one cup sour milk,
with one even teaspoonful soda dissolved
in it, one cup sweet milk. Mix well in
the order given, pour into a well-buttered
five-pound lard can, cover tight; put into
a pot half full of boiling water, boil
five hours, without stopping.—Mrs. I. A.
Baldwin, Oakland.

Pumpkin Pie—Select a ripe pumpkin,
cook down till as dry as potatoes. Of
this, take two cups (teacups) rub through
a sieve or colander, add one-half tea-
cup sorghum molasses and the same of
sugar and flour, five eggs, one table-
spoonful each of ginger and cinnamon, one
teaspoonful of vanilla and salt and a lit-
tle pinch of soda. Beat thoroughly, then
add seven teacups of new milk.

Mashed Sweet Potatoes—Bake the po-
tatoes, cut in halves lengthwise and
carefully scoop out the potato. Mash
well, add a little butter, pepper and
salt and a little cream or milk; beat
until creamy; return to the shells, heap-
ing lightly, and place in the oven to
reheat.

Cranberry Sauce, 2—One quart of
cranberries, one pint of water, one pint
of granulated sugar. Boil thirty min-
utes.

Cranberry Sauce, 3—Stew one quart of
cranberries in one pint of water until the
skins all burst, and the quantity is re-
duced to one pint. Put through a col-
ander to remove the skins and when
nearly cold add one cupful of sugar.—
M. F. S.

ONE DAY AT A TIME.

We carry too often the burden that ne'er
Was meant for this day, nor the next to bear;
How often we borrow the ills we deplore,
And shrink from the woes that ne'er darken
our door!
Such worry's a sin; let's be done with the
crime,
By living one day, just one day at a time.
Then let the tomorrow's stand waiting, I say,
And deal with each one when its name is
today.
The best preparation the future can ask
Is doing one's best with today and its task.
Life's highest and best, that's the peak we
must climb
By faithful footsteps one day at a time.
—Selected.

Home-Made Christmas Candies.

Home-made candies are so whole-
some and delicious and so easily pre-
pared that we should always make the
making of them a part of the Christ-
mas week festivities. It will delight the
children to help make them and give
them valuable lessons in a profession
that may be profitable to them in later
years. It is an accomplishment to be
able to make fine candies and a good
many women make a neat sum for pin
money by making candy at holiday
time.

Uncooked Fondant.

Break into a bowl the whites of two

eggs, do not beat, but add the sugar
gradually, alternating with the strained
juice of two oranges. The quantity
takes about two pounds of confectioners'
XXX sugar or pulverized. When stiff
enough to mold into shape with the
fingers, separate it into different batch-
es, color with pale shades of fruit or
vegetable colorings, chocolate and coffee
—form into balls, into which place the
kernels of English walnuts, almonds,
hickory nuts, citron and unserved cher-
ries, also roll into grated cocoanut, melt-
ed chocolate and ground cinnamon, then
into pulverized sugar; place on oiled pa-
per to harden.

Cooked Fondant.

Two pounds granulated sugar; one tea-
cupful of hot water and half teaspoon-
ful of cream of tartar, cook together un-
til it threads between thumb and finger;
when done pour into buttered dish, stir
till creamy: when cool enough to handle
work with the hands, form into shapes
desired, flavor and color to suit taste.

Chocolate Creams—Roll fondant fla-
vored with vanilla, strawberry, orange or
violet, into small balls and let them
stand a few hours to harden. Melt an
ounce of unsweetened chocolate, add to
it two tablespoonfuls of milk, two ta-
blespoonfuls of sugar and a quarter tea-
spoonful of butter. Stir until smooth;
drop the balls into it and remove with a
fork or candy wire. If the chocolate
becomes too stiff, add a few drops of
sirup and heat again.

Cream Fruit Bonbons—Press out a lay-
er of fondant on the board, press halves
of dates or figs into the center of the
layer, fold over, and roll until smooth.
This makes a long roll of fondant with
fruit in the center, and may be cut into
round bonbons.

Cocoanut Creams—Grate cocatnut fine,
mix with as much liquid fondant as will
bind well, and flavor with vanilla. Spread
it in a layer one inch thick and cut into
one inch squares, or roll it into balls. Dip
the balls into melted chocolate, the same
as for chocolate creams. Variety can be
secured by forming different sizes, and
on some, just after dipping, place nut
meats.

Peanut Crisp—Three cupfuls of brown
sugar, one cupful New Orleans molasses,
one-half teaspoonful cream of tartar, one
pint of peanuts, one-fourth pound but-
ter, two teaspoonfuls soda, one cupful
water; boil all the ingredients except the
last three, till it will harden in cold
water; add the peanuts and boil until
a little dropped into cold water will
crack easily; then add the butter and
when this is thoroughly mixed with the
other ingredients add the soda, dissolved
in a tablespoonful of water and stir vig-
orously. When the mixture begins to
rise, pour upon a marble slab or platter
and spread thin. When cold break in
pieces.

Brown Sugar Cream Candy—One
pound light brown sugar, one-half cup
water, one tablespoonful sharp vinegar;
boil together until it spins a thread
when dropped from a spoon; then add
one tablespoonful vanilla; pour into
greased pan; cool; pull until it becomes
light, then cut into small squares.

Hickory Nut Creams—Boil together
without stirring, until it threads, two
cups of granulated sugar, half cupful of
water and one-third teaspoonful of
cream of tartar, flavor with teaspoonful
of vanilla or orange extract. Remove from
fire and beat until white, add teacupful
of nut meats, pour into buttered nuts
and when cool cut into squares.

No one is too poor to keep Christmas.
Let us bear this in mind. Real Christ-
mas keeping depends upon the heart, not
upon the purse. We may not be able to
give rich gifts, or to make a feast, but
we can all give of ourselves and so make
this season a happy one for ourselves
and others.

Have a supply of Chinese lilies started
in time for Christmas. These can be de-
pendent upon. If you want large clusters
of flowers, keep in a dark place the first
two weeks.

Would we know that the major chords were
sweet,
If there were no minor key?
Would the painter's work be fair to our eyes,
Without shade on land or sea?
Should we know the meaning of happiness,
Should we feel that the day was bright,
If we'd never known what it was to grieve,
Nor gazed on the dark of night?

If it happens just at Christmas time
that some new kittens or dogs come to

It's not fair to your lamp to
dwarf its light with a poor
chimney. I manufacture
lamp-chimneys that get the
most out of lamp-light, and
that won't break from heat.

I put MACBETH on every
one, because it tells you how
to get the best in lamp-
chimneys.

My Index tells about these facts, and tells
how to get the right size chimney for your
lamp. It's free—let me send it to you.

Address, MACBETH, Pittsburgh.

play in your yard, one or two of them
can easily be spared for some one else,
can they not? Please don't drown them,
but find out where such pets will be wel-
come, and send them on Christmas morn-
ing with ribbons around their necks bear-
ing cards with their names on.

Bonbon-Holders—Candy can be easily
made at home in so many attractive
ways that pretty receptacles for it are
more than ever appreciated. The little
Japanese splint-baskets that can be pur-
chased by the dozen for a trifling sum
may be easily transformed into the dain-
tiest bonbon-holders imaginable. Simply
give two coats of ivory-white or other
delicate tint of enamel, and when dry
touch up the edges and high-lights with
gold paint. Filled with holly, mistletoe
or laurel they are a very charming lit-
tle reminder of one's good will.

Pen Wipers—Cut of paper a good pat-
tern of a willow or an elm leaf without
the stem. Have three or four colors of
felt or other heavy tightly woven ma-
terial and cut leaves by the pattern.
With heavy silk thread, vein the leaf
which is to be on top, then tack three
or four leaves together at the broad
end. These pen wipers are useful and
they are so easily made that a child
could make them.

A busy woman whom I knew, found
her Christmas planning very much sim-
plified by limiting herself to the same
kind of article for everyone. That is,
one year she bought books, another year
handkerchiefs and this year I believe it
will be pictures. There is such a wide
variety in these things that a careful
selection will reach the individual tastes
of every recipient and it is so easy. She
believes in putting thought into gifts,
but not in making it an intolerable bur-
den, as many do in these days of elab-
orate gift giving.

A white tablecloth will keep clean
much longer if doilies of plain white
oilcloth are placed at each plate. These
doilies may be neatly pinked and look
very neat and homey, and they do save
a deal of washing. And let me urge you
not to keep all the pretty pieces of china
and glass put away in the china closet.
For whom are you keeping them? Is
there any one that deserved to be treat-
ed better than your own family, or is
there any one who would more appreci-
ate pretty and dainty things on the
table? Even if you have to wash and
care for them yourself for fear they may
be broken by careless hands it will pay
you to have a few pretty pieces on the
table to make it attractive for the home
folks.

With very little care or trouble we
may always have a small blooming
plant for our dining table. An Aspara-
gus fern is always pretty, but it lacks
the cheery brightness of blooming plants.
It is easy to plant a few bulbs of Jon-
quil, Narcissus, Freesia or some other
favorite flower and when in bloom set
the small pot in an ornamental bowl or
jardinier on an embroidered centerpiece
or a small mirror in the center of the
table. A geranium potted in a small pot
so that it will soon become potbound
and bloom freely makes a very pretty
ornament for the table. It can be pinch-
ed back into comely shape and the pinch-
ing will only make it put forth more
blossom stalks and if it is occasionally
treated to a drink of fertilizer it will be
a thing of beauty all winter.

FOR SALE.

One Peerless 6-Horse Engine, one Peer-
less Separator, Self-feeder and Wind
Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for
half its cost when new. Will sell for cash, or
trade what you have to trade.

W. R. HAINLINE,
Blandinsville, Illinois.

ADDITIONAL VETERINARY.

COUGH.

I have a large bay horse that has his wind affected. I think he has the heaves, as he has a dry, hacking cough. He seems all right when standing, but when pulling up he will strangle and throw his head and will cough up blood. Think he is about fourteen years old. Don't know how long he has been affected. Can I do anything that will help him?

There may be a polypus (tumor) which drops back into the throat and causes choking and coughing. A chronic disease of the lining of the nostrils and throat also might give rise to the bleeding and other symptoms, but the case is not one that we can treat intelligently through the paper. An expert examination would be absolutely necessary to an understanding of the case and it should be made by a qualified veterinarian who also will be able to prescribe suitable treatment. We do not think the trouble is due to heaves.

GROWTH.

I recently purchased a black two-year-old driving colt which has a lump on front leg just a little above the knee joint, about the size of a hen's egg. It seems to be somewhat hard and feels as if it might be attached to the bone or cord. It does not cause any lameness. I was told the colt had this since last spring; cause unknown, but supposed to come from distemper. It was once slightly blistered with caustic balsam. Would you advise further treatment with caustic balsam or can I do anything else for it? Can the horse be used during treatment?

Without examination we cannot advise as to the probable nature of the tumor referred to, but would consider it perfectly safe to repeat the blistering and after washing off the blister to exercise the colt daily and repeat the treatment as often as required. It may be that the parts will soften, so that it can be opened for removal of pus or it may be absorbed by the blistering.

STOCKED LEG—WORMS.

I have a five-year-old gelding that stocks up badly in right hind leg whenever he stands in barn over night. As soon as he is worked or driven a few hours it all goes down. Does not seem to be lame, only a little stiff when first taken out. He has good life and good appetite, but is hard to keep in good flesh and usually has considerable of a scaly substance like dandruff around anus and under tail. I feed oats and sometimes corn and good timothy hay when not on pasture. Please give cause and remedy.

Bandage leg from foot to hock each time horse comes into stable and change bandage twice daily after thorough hand rubbing if he stands in a whole day, which is not best for him. He should occupy a box stall. He is troubled with worms, as indicated by the scaly material around anus. In his feed night and morning mix a dram of dried sulphate of iron. Continue for ten days, then skip ten days and repeat. Also allow free access to rock salt.

EPIZOOTIC.

I have a horse coming five years old in the spring. Last Wednesday both eyes swelled shut and are mattering terribly. The eye balls are covered with a thick, yellowish matter and swelled very badly. He cannot see anything and his nose matters freely. He eats well and seems all right except his eyes. I called in a veterinarian and he called it simple ophthalmia. Can you tell me what it is and what to do for it?

This may be the disease known as "epizootic" (catarrhal influenza), which comes on with fever, and while affecting the eyes as described, also causes the limbs to swell greatly. On the contrary, it may be periodic ophthalmia, but in that case the attack is unusually severe. It would be well to treat the case by covering the eyes with a soft cloth to be kept wet with a solution of forty drops of creolin or eol tar disinfectant to the quart of water. Also sponge out eyes twice daily with a saturated solution of boracic acid. Dissolve a tablespoonful of salt peter in each bucket of drinking water and allow horse to drink all he wants. Your veterinarian will be able to give any other treatment needed as the case proceeds, but if it is periodic ophthalmia, it will prove incurable.

POLL EVIL.

I have a horse that is swelled on the poll. It has not broken yet. Can I do anything with it to keep him from having poll evil. Please answer through your valuable paper.

Remove hair and blister repeatedly with a mixture of one dram of biniod of mercury and two ounces of eucate or cantharides. Rub the blister in for fifteen minutes each time; wash it off

in forty-eight hours; then apply lard daily. Also give one dram of iodid of potash in water night and morning for ten days, but stop a day or two if eyes commence to run.

SCURFY SKIN.

I have about eighty-five head of pigs that were farrowed in June; about the latter part of August I noticed one or two of them beginning to get scurfy. It has now spread until quite a lot of them are affected. They get dirty looking after they get that way and their skin seems to get thick and rough. Sometimes I can see some blood. After they rub the skin seems to crack open a little. They are all white and very thrifty; out of Poland China sows sired by a Chester White boar. They have a large range to run over. What is the matter with them and what is the best remedy for them? I have a dipping tank. If I am to dip them I want to do it before it gets cold.

White colored pigs are prone to sun scald, which is induced by pasturing rank growths of rape, clover or other green food, and when wet from this cause, being exposed to the hot sun. They also are more liable to eczema than black pigs or the disease, perhaps, is more readily noticed on a white pig. We would dip the pigs at once and afterward rub in flowers of sulphur and lard ointment as required. Physic each pig with epsom salts in slop and if trouble proves obstinate give twice daily one dram of hyposulphite of soda in food. See that all pens and living places are kept clean, disinfected and whitewashed.

Looking Ahead in the Swine Business.

To the Editor of The Homestead:

Can we have larger litters of pigs and stronger ones next spring than we had last? I answer yes, if we wish to. In my experience as a breeder of mongrels and thoroughbred hogs I am convinced that our success with pigs depends largely upon the care and feed the parent hogs have from now until farrowing time. There is no stock that will adapt itself to circumstances like the hog, and I believe there is no stock that will adapt itself to circumstances like the hog, and I believe there is no stock that will respond to kind treatment better than the hog. A hog will exist on very little feed and water, and I am afraid too many of us are content with "root hog or die." We then wonder why our hogs do not thrive better.

Corn is too handy with those in the corn belt. We scoop out the corn, see the nice pure (?) water before them and say: "Eat, drink and grow fat." But how about the feet and the frame to carry that fat? We find that corn does not contain the ingredient to produce bone and muscle, and that is what we must have. When we know how to produce bone and muscle, we have found the secret of our success. So I say give your boar and sows as near the same care as possible. By all means, keep them separate and keep them in as large a pasture as you can. The more they run, the better. This gives them action and muscle. Provide for them a dry, cool, but not cold, place to sleep in, with a nest of bright straw so they can rest well.

Now as to the feed. We feed very little corn outside of the feeding yard. My boar and sows get mostly what we call Red Dog shorts, corn meal and digester tankage, with enough stock food to keep a keen appetite. We never practice turning the boar out with the sows. One boar serves two hogs a day and if not crowded serves each sow twice. The sows are then shut up by themselves for two days where nothing can disturb them, and given all they can eat and drink, with a good bed so they will lie down and keep as quiet as possible until they are out of heat. In this way we seldom fail to get large litters. We usually use matured stock for breeding. They get stronger offspring. My boar got one litter of twenty-three pigs last year and another litter of seventeen, the rest running from eight to twelve. C. N. Gerard.

Stark County, Ill.

Starting an Osage Orange Hedge.

To the Editor of The Homestead:

You submit to me the following inquiry received from one of your subscribers living at Kellogg, Iowa:

Will you kindly publish an article on how to handle Osage hedge apples in order to get them to grow for seed; or, in other words, how would a person get the seed out of them to plant? Would I dare freeze them, or must I cover them to keep from freezing? Would it do to cover so they will not freeze and in the spring prepare the ground and mark it like I would for corn, then plant two feet in the row and one apple in a hill?

The Osage Orange is usually trans-



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planted and the year-old trees can be bought from any of the large nurseries, or the seed may be bought from seed dealers generally. On account of the difficulty of separating the seeds from the fruit, either of the above methods, preferably the former, is better than for one to try to save the seeds himself.

Where it is desired to save the seeds, the fruit is gathered as it falls and placed in piles until it becomes quite ripe. It is then crushed and allowed to decay or ferment, after which the seeds are separated by washing. They are then stored in a dry, cool place until spring. Freezing will not injure the seed. It will probably aid in separating them from the pulp.

The seeds are drilled from one to two inches apart, in rows of any desired width. Like all other seedlings, the seeds need careful, clean cultivation. In the fall they are dug and trimmed and stored in a cool cellar with the roots buried in sand. The roots are numerous and long and should be trimmed back to four or five inches, and the handling may also be made easier by trimming the tops back to six inches. They are then ready to transplant as soon as spring opens up.

The rows for transplanting are made by running a furrow in which the plants are set about six inches apart. The young hedge should be given careful cultivation the first year. This may be made easier by cultivation the year before the hedge is planted out. After the first year, no cultivation is necessary, but the pruning must be given attention, and this is quite an item.

Another method for starting a hedge is to secure strong two-year-old trees and cut back to two and a half feet before setting out. These are then set slanting so as to form a lattice work. The new branches, of course, grow upright, and the hedge thus formed is very strong and close.

The method which this correspondent suggests would not be very satisfactory, as the trees would be crowded in the hill, making them weak and spindling. The distance between the hills would not

fill up with strong trunks, but with branches instead, and hence would not be very strong or make a good hedge.

It is more satisfactory to drill the seeds and transplant as suggested, than to plant the seeds six inches apart where the hedge is to stand. A better stand will be secured by transplanting; moreover, the transplanted trees will be much more stocky than those grown from seed where they are to remain.

Osage Orange hedges require a great deal of trimming and if neglected become very unsightly, and the writer would hesitate before planting one.

Franklin Brown.

Polk County, Iowa.

William Ellery Channing says this is his symphony: "To live content with small means; to seek elegance rather than luxury; to seek refinement rather than fashion; to be worthy, not respectable and wealthy, not rich; to study hard, think quietly, talk gently, act frankly; to listen to stars and birds, babes and sages, with open heart; to bear all cheerfully and do all bravely, await occasions, and never hurry; to let the spiritual, unbidden and unconscious, grow up through the common."

If a woman can make preserves, pickles or pound cake, and secure purchasers; if she can knit shawls, sweaters and slumbershoes, if she can raise poultry or Angora cats; if she can, in brief, send out from her home any product whatever that people want and will pay for she need not be worried. She will lie down at night tired and complacent, and while retaining her grasp on the home in its essentials, she will not feel that she is a pensioner on her husband's bounty. No wife should ever acknowledge that she feels herself this; no wife ever is this in any true sense. A wife is neither mendicant nor pensioner, but, unfortunately, many wives actually feel, and silently resent, the blundering attitude of otherwise good husbands in this commonplace particular.

BOWSER SWEEP MILLS



Different from all others. 4 or 2 horses. Geared into 10 or 7 to 1. Grind down with shucks or without. And all small grains including Oats and Wheat. (Also make 7 disc bolt mills.)

E. N. P. Bowser Co., South Bend, Ind.

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Mr. Investor:

IMPORTANT—If you have delayed investing in this stock, you must act quickly if you want it at the present price. It will advance in price in a few days, as the allotment to be sold at 25c per share will soon be gone.

**Read This Carefully. It May
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REMEMBER, THIS IS NO MINING OR OIL SCHEME, BUT A SAFE, CONSERVATIVE, MANUFACTURING INDUSTRY

MAMMOTH KANSAS CITY STEEL & IRON FOUNDRIES

We are Already Assured of More
Orders Than We Can Possibly
Fill Next Year.

Our Crude Oil Burner Solves the
Fuel Problem for Steaming and
Domestic Uses.

WILL CONTROL GREAT SOUTHWEST TRADE

**The Only Steel and Malleable Iron Casting Plants in the
Entire Southwest**

No Stock Jobbing Mining
Scheme. A Safe, Conservative
Manufacturing Enterprise.

The Crude Oil Power Company

Strongly Endorsed by the Manu-
facturers and Merchants' Asso-
ciation of Kansas City, U. S. A.

A MANUFACTURING INDUSTRY THAT CANNOT BE SURPASSED AS A DIVIDEND EARNER.

The Crude Oil Power Co. is incorporated under the laws of the District of Columbia, under Federal Supervision for \$1,000,000, divided into 1,000,000 NONASSESSABLE shares, par value of \$1 each.

The Company is now building two great factories, one in Kansas City, Mo., and the other in Sour Lake, Texas. The Kansas City plant alone covers 5½ acres of ground. These factories will be in operation by January 1st. They represent today an outlay and value of \$235,000. There is not a cent of incumbrance on the property.

This mammoth steel and iron casting foundry will be the only one for the manufacture of iron and steel in the Southwest. All orders for steel and iron castings have to be placed in the East. The factories there are about nine months behind with their orders. The Crude Oil Power Co., turning out at the very start 30,000 pounds of steel and malleable iron castings per day will be without competition in the entire Southwest.

This Company controls, furthermore, all rights to manufacture the new Crude Oil Engine and Portable Refiner and Generator. This engine will be manufactured at a very minimum cost and will be sold at a very large profit. As it can be operated from the crude oil it will absolutely displace the gasoline engine.

The Portable Refiner will refine crude oil at the wells. This will effect a revolution in the oil business, as the independent producers can cut down 50 per cent of the cost of refining.

The profits from the casting foundries alone will reach \$200,000 a year. With no freight to pay and with no fuel bills, as ample natural gas is developed at the Company's own plant, this Company can drive the eastern producer out of the Southwest. It has the field to itself. The demand for steel and malleable iron castings is limitless. Now, look; sit up and take notice that the Crude Oil Power Co., WITH ITS FACTORIES ALMOST COMPLETED, makes the following remarkable offer:

To procure additional funds for the development of the company's properties, and to complete its work, the company is now offering an issue of 100,000 shares of stock.

THIS ISSUE IS OFFERED AT 25 CENTS PER SHARE, PAR VALUE \$1.00. The subscriptions of careful investors is invited to this issue. The stock will earn at least 15 per cent from the foundry department alone, making at present prices a profit of 60 per cent on the investment.

In this estimate no account is made of the profits accrued by the sale of the crude oil engine and portable refiner. This department alone will add vastly to the financial possibilities of the company.

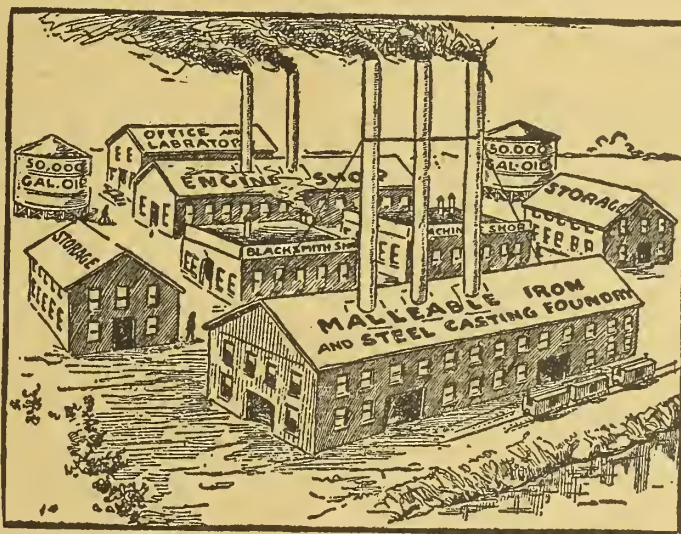
The high character, business ability and integrity of the personnel of the officers and directors of the CRUDE OIL POWER CO. could not be excelled. They are as follows:

President, G. W. Fitzpatrick, M. D., physician and capitalist; vice-president, E. E. Richardson; secretary-treasurer, K. C. Stock Yards Company; treasurer, W. C. Howe, president S. W. Oil & Mineral Co.; secretary, A. A. Osborn, inventor and constructing engineer, all of Kansas City, Mo. The Company most cheerfully invites and urges full inquiry as to the character and standing of the above-named gentlemen.

We refer you by permission to the Interstate National Bank, Kansas City, Kan., and State Bank of Kansas City, Kan.

IMPORTANT NOTICE.

As our 25c allotment of stock is almost subscribed for, it is important that I should have your subscription immediately if you want stock before the price advances. This stock advances in price December 10, 1906. Everybody who has investigated this Company has either bought stock or reserved same. Another opportunity equaling this will probably never be offered you. I earnestly advise you to let me hear from you by return mail or by telegram. F. C. VINCENT, Fiscal Agt., 425 Gibraltar Bldg., Kansas City, Mo.



\$235,000 ALREADY EXPENDED ON THE COMPANY'S PLANTS

A Practical Illustration of the Two Mammoth Plants of the Crude Oil Power Co. at Kansas City and Sour Lake, Texas, as They Will Probably Appear When Completed. Invest in a Sure Thing.

Substantial Investment

We are building an enterprise the demand for whose product is as STABLE, PERMANENT, AND SUSTAINED AS THE DEMAND FOR BREAD AND BUTTER. Investment in this industry carries with it NONE OF THE SPECULATIVE RISKS incurred by an investment in mining stocks or a gambling flyer in the wheat market. We are offering you stocks whose values are, and will be, as safe as a real estate purchase, or an investment in Government bonds, with infinitely GREATER PROFIT to you. Every dollar derived from the sale of the treasury stocks will be used for further development of the Company's interests. Investment in an industrial enterprise, manufacturing a staple commodity, having no competition and for whose products there is heavy demand, carries with it no risk.

The Metropolitan Street Railway Company, the twenty-three railroads entering Kansas City (the second largest railway center in the world), the fifty odd automobile repair shops, the Kansas City Automobile Company, the many great Portland cement plants in and around Kansas City, the packing houses, and a hundred other important industries contiguous to Kansas City each use thousands of dollars' worth of new steel and iron castings each year.

Kansas City has entered upon the era of steel and iron buildings. If the CRUDE OIL POWER CO. were in operation today the chances are that no Des Moines or other outsider would have supplied the iron for the magnificent R. A. Long building. No other foreign firm would be erecting and supplying the iron frame work of the great Scarritt Building.

This Company proposes to be in the market when the new Bank and Commerce building, the new Victoria hotel, the new Y. M. C. A. building, the new Armory, and the new Union Depot are ready for construction. Kansas City has, for many years, felt the dire need of a factory of this character. We are supplying this need and WE PROPOSE TO GET THE BUSINESS.

Millions of tons of malleable iron and steel castings are used every year in Kansas City and the southwest states. Every pound of this material has come out of the eastern factories, which are now from six to nine months behind with their orders. Our foundries, machinery buildings, blacksmith shops, offices, and laboratories will cover upward of five (5) acres of land, advantageously situated on the Missouri Pacific and Orient Belt Line Railways. WE HAVE DEVELOPED OUR OWN NATURAL GAS ON OUR OWN GAS AND OIL LAND. Thus there will be no fuel cost. We are in Kansas City, so there will be NO TRANSPORTATION to the great Kansas City market, which in itself can take our entire product. With NO FUEL AND NO FREIGHT TO PAY, eastern producers can not compete with us. We have the field to ourselves. Kansas City alone is using upward of 300,000 tons of steel and malleable iron castings annually. There will be no limit to our development.

Carnegie, Schwab, Frick, Nixon, Ellis, and a host of other multi-millionaires have accumulated IMMENSE FORTUNES FROM THE STEEL AND IRON INDUSTRY. They were the pioneers of this industry in Pittsburgh. WE ARE THE PIONEERS OF THIS INDUSTRY OF KANSAS CITY. If you are anxious to participate in our absolutely assured profits you will fill out the coupon below and mail it today. It costs you nothing to inquire.

The Crude Oil Power Co. will manufacture at the very start 30,000 pounds of steel and malleable iron castings daily at a net profit of at least \$600 per day. Our factories, in order to supply the demand, must run day and night. Thus our annual net profit on this department alone will exceed \$200,000. This Company will be compelled to constantly increase its output, so \$30,000 will be set aside each year for this purpose. This will leave a net dividend of 15 per cent on the entire capital stock the first year, and largely increased dividends each year thereafter.

Read This and Permanently Increase Your Income

**It Costs You Nothing To Inquire. Fill Out Coupon Below
and Mail Today.**

This Company

is building TWO GREAT FACTORIES, one at Kansas City, the other at Sour Lake, Texas. Both plants will have the same initial capacity, and both will have the advantage of natural gas for fuel and splendid transportation facilities. The Company's purpose in both plants will be

First—A Steel and Malleable Iron Casting Foundry—to manufacture Malleable Iron and Steel Castings at a larger net profit than by any other known process. THIS WILL BE THE ONLY PLANT OF THIS CHARACTER IN KANSAS CITY, and we are already assured of orders that will tax the full capacity of this department. This department alone will pay big returns on the total investment.

Second—A Portable Crude Oil Refiner and Burner—to manufacture Special Machinery for Refining Crude Oil at the wells. These machines can be manufactured at a nominal price for great profit, and they will REVOLUTIONIZE the Refining of Crude Oils. The use of this machine makes it possible to refine crude oil at 50 per cent less than by present methods. The Burner is the only satisfactory one invented.

Third—A Crude Oil Engine—to manufacture a Crude Oil Engine which is destined to SUPERSEDE the present gasoline engine, because the same initial horse power can be developed at one-half the present fuel cost. These engines can be used wherever the gasoline or steam engine is used. The special Crude Oil Burner manufactured by this Company can be affixed to any stove, furnace, or boiler at low cost and large profit. The use of this Burner will make it possible to heat, cook, and steam at less cost than by using natural gas, gasoline, kerosene, wood, or coal. Just think of an engine that will develop the same horse power at half the cost. No need to use gasoline, coal, or even denatured alcohol; just crude oil at less than 60c per barrel, instead of gasoline at \$6.30 per barrel.

Our Monthly Payment Plan

Gives everyone, rich or poor, an opportunity to become a stockholder in one of the big industries of the country. The proposition is up to you. If you neglect to investigate it and learn for yourself what an investment in this stock means to your future you have yourself to blame.

You can buy stock now at 25 cents per share and have several months' time to pay for it. It will pay you to buy all you can carry before the advance, as stock with such value behind it cannot remain long at such a low price.

\$10 buys 40 shares of stock, payable \$5 down and \$1 per month.
\$50 buys 200 shares of stock, payable \$15 down and \$5 per month.
\$100 buys 400 shares of stock, payable \$20 down and \$10 per month.
\$250 buys 1,000 shares of stock, payable \$50 down and \$25 per month.
\$500 buys 2,000 shares of stock, payable \$50 down and \$50 per month.
\$1,000 buys 4,000 shares of stock, payable \$100 down and \$100 a month.

F. C. Vincent, Fiscal Agt.

**425 Gibraltar Bldg.,
Kansas City, Mo.**

Please send me all information regarding the Crude Oil Power Co.

Signed

Address

NOTE—Write name and address plainly.

SWINE TALK.

Why feed lice and worms and then wonder why your hogs have the cholera? One ounce of prevention is worth more than a pound of cure.

If you expect large litters of strong pigs next spring, now is the time to feed for them.

Keep your sows thrifty but don't let them get too fat before breeding time.

A splendid food for the boar is oats, shorts, corn meal and about 5 per cent tankage.

Let the breeding and growing stock have plenty of range with access to grass and water, and note the results.

Be sure and keep those fall pigs from getting chilled. Give them a warm place to sleep and plenty of slop of shorts, corn meal and tankage, and there is money in them.

Be kind and gentle with your hogs. Try coaxing with feed instead of driving with a club, and see if they do not resemble yourself in this respect.

The 250 pounder is now the top hog on the market. It pays to produce that kind.

When a hog reaches 200 pounds, the theory of some is that it pays to feed no longer. How about it, with corn at thirty cents a bushel and hogs worth six cents?

One thing is absolutely sure, the man who hasn't the male hog now need not look far for the reason for late pigs next spring. We think most Homestead readers understand the value of thirty days in the spring on the age of shoats.

There have not been the usual number of complaints of "new corn cholera" this fall. Either our hogs are getting bred up to the point where they are immune, or the corn this fall had not the disease-giving germ that it sometimes has.

The automatic waterers will soon be put out of business by Jack Frost; but, then, it doesn't take the amount of water in cold weather that it does in warm. To get fattening hogs to drink enough is sometimes the trouble in real cold weather. They would rather lie in their nest than to come out and fill up on ice cold water.

At this season of the year the question of how many sows to each male is uppermost in the minds of Homestead hog raisers. We have found that it depends altogether on circumstances. One male kept in a pen by himself, the sows being turned in with him for only three or four hours, is worth two that are allowed to run with the herd. There may not be any such thing as luck, but it is just chance that large litters come from the practice of letting boar and sows run together.

Mixing breeds is not to be recommended, no matter what Mr. So-and-So says about it. We have tried it, so speak from experience. Several others nearby have tried it, too. A neighbor took off a bunch of fat hogs the other day, part of cross breeding and part thoroughbred. He says the thoroughbreds averaged twenty pounds heavier than those of cross breeding, all of same age and with the same care.

Southerners have much that is favorable to say of the mast fattened hog. We have eaten mast-fed ba-

con, and must confess that we fail to see its superiority over our corn belt bacon and hams. Readers of The Homestead living in the corn belt need not think they have lost a very great lot by not having mast to add "flavor" to the meat.

An Invoice of Agricultural America.

The worthy secretary of agriculture has been keeping close tab on the doings of American farmers, and the conclusions are soon forthcoming in the annual year book. The situation of the American farmer is very gratifying.

The mighty production of the farm for one-third of a century has come out of an agriculture having many faults. In a large degree there has been one-crop farming; crop rotation, as practiced, has often been too short and unwise; the grasses and leguminous forage crops have been neglected, domestic animals have not sufficiently entered into the farm economy, and many dairy cows have been kept at a loss. The fertilizers made on the farm have been regarded as a nuisance in some regions; they have been wasted and misapplied by many farmers; humus has not been plowed into the ground as generally as it should have been; and in many a place the unprotected soil has been washed into the streams.

Formerly there was an abundance of farm labor and a dearth of farming capital; now these conditions are reversed and labor is scarce and capital abundant. Notwithstanding the farmers' inability to do some things for want of labor, the new situation is a great improvement upon the old one. The farmer can now employ every labor-saving device and thus reduce both the labor and the cost of production; he can raise his land to a higher state of fertility than can be made by chemical fertilizers alone, because he can advance the needed capital for permanent soil improvement and is in a position to await results; he can produce such capital as is needed to distribute his products and thus co-operation is open to him to a greater extent than ever before; he can secure a better education for his children to the end, among other things, that they may do better with the old farm than he did.

In the middle West the prosperity of the farmers during the last half dozen years and over has advanced in such mass and with such speed that no parallel can be found in the economic history of agriculture. One of the great changes that have come over this region is the conversion of a million agricultural debtors, paying high rates of interest and finding great difficulty in procuring the wherewithal out of prices much too low, into financially independent farmers, debt-free, and begging the banks to receive their savings at as small a rate of interest as 2 per cent.

The farmer will not fail the nation if the nation does not fail the farmer. He will need education to know the powers of the soil which are now hidden from him. The prospective yearly expenditure of \$10,000,000 for educational and re-

search work by nation and states, with such increases as may come from time to time, must have enormous effects. There may be agricultural schools for the small children, and agricultural high schools for the larger ones, and their education will be continued in the colleges.

The farmer's standard of living is rising higher and higher. The common things of his farm go to the city to become luxuries. He is becoming a traveler; and he has his telephone and his daily mail and newspaper. His life is healthful to body and sane to mind, and the noise and fever of the city have not become the craving of his nerves, nor his ideal of the everyday pleasures of life. A new dignity has come to agriculture, along with its economic strength; and the farmer has a new horizon far back of his prairie and his mountains, which is more promising than the sky-line of the city.

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Five excellent newspapers and magazines for \$1.25 a year—supplying your home with news, literature, agricultural information, market reports, entertainment and general instruction all the year round. If already a subscriber for one or all, your time will be extended for one year. All these for \$1.25:

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The Homemaker, a delightful monthly of entertainment and instruction for the women folk of the farm; something to brighten the lives of your wife and children.

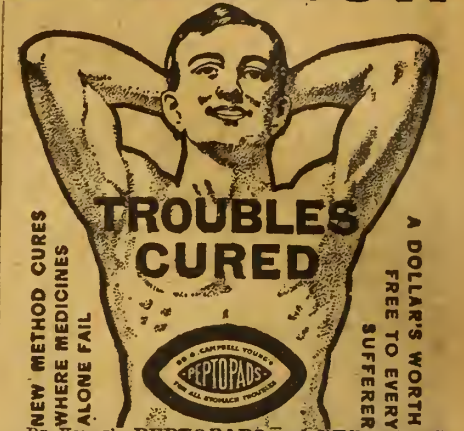
The Farm Gazette, the most beautiful farm magazine in the world; elegant illustrations, printed on fine paper; cover in five colors; reading matter both helpful and entertaining.

Send us \$1.25 today, stating whether your subscription is a new one or a renewal. Address, The Homestead Co., Des Moines, Iowa.

Hebbard Sale of Poland Chinas.

The initial sale of hogs at the new live stock pavilion at Wichita, Kan., took place Friday, November 16th. The consignors were Messrs. G. M. Hebbard, J. C. Larrimer, A. P. Wright and Martin Bros. Buyers from Kansas, Missouri, Iowa, Illinois and Oklahoma were in attendance. Fifty-six hogs were sold. The total sale amounted to \$3,389, an average of \$61 each. Breeders were heard to say that this sale was the best they had ever attended in this section of the country. The hogs were presented in elegant breeding condition and sold on their merits. Cols. James W. Sparks, of Marshall, Mo., and John D. Snyder, of Winfield, Kan., conducted the sale. Colonel Sparks opened the sale with a fine speech for the advancement of thoroughbred stock and was roundly applauded. On's Lady Mascot, a sow sired by the great Illinois champion,

STOMACH



Dr. Young's PEPTOPADS and PEPTOLETS cure where medicines alone fail. They regulate the bowels, relieve soreness, and strengthen the nerves and muscles of the stomach in either sex. You can soon eat what you want without fear of distress. The cures effected are marvelous. If you have Dyspepsia, Indigestion, Sour Stomach, Distress after Eating, Nervousness, Dizziness, Heart Kneading, Sick Headache, etc., send 10c to cover cost of packing and mailing, and I will send you a \$1.00 treatment absolutely free. It will relieve you immediately. Address, DR. G. C. YOUNG, 34 National Bank Bldg., Jackson, Michigan.

On and On, bred by Mr. J. R. Young, of Richards, Mo., and owned by Mr. G. M. Hebbard, of Peck, Kan., topped the sale. She was purchased for \$105 by the Goodrich Stock Farm, of Eldon, Mo. The sale generally was successful and arrangements are being made to hold sales at this elegant live stock pavilion at regular intervals. Below will be found a complete list of sales of \$25 and over:

Lot.	Price.
1 Goodrich Stock Farm, Eldon, Mo.....	\$405
2 A. B. Colter, Farmington, Ill.....	225
3 J. R. Young, Richards, Mo.....	132
4 E. L. Jimison, Onelda, Ill.....	225
5 A. Kennedy, Attica, Kan.....	40
6 T. G. Cox, Rose Hill, Kan.....	40
7 F. A. Dawley, Waldo, Kan.....	115
8 T. G. Cox.....	152
10 Ruben Cox, Rose Hill, Kan.....	35
11 A. Kennedy.....	50
12 T. G. Cox.....	43
13 E. L. Jimison.....	65
14 J. C. Hanna, Middletown, Iowa.....	100
15 A. P. Wright, Valley Center, Kan.....	130
16 Moon & Brown, Creston, Iowa.....	125
17 F. H. Kayler, Lincoln, Ill.....	120
18 J. B. Freese, Bayneville, Kan.....	41
19 W. E. Nichols, Sedgewick, Kan.....	50
20 W. D. McFarland, Chase, Kan.....	53
21 Same.....	36
22 Joseph Roy, Peck, Kan.....	40
23 A. Kennedy.....	50
24 Ruben Cox.....	30
25 O. J. Hall, Rose Hill, Kan.....	41
26 J. W. Craig, Inka, Kan.....	26
— F. L. Heininger, Matamora, Ill.....	65
27 A. L. Barnard, Belle Plaine, Kan.....	32
28 A. B. Hoffman, Reese, Kan.....	30
32 A. Kennedy.....	25
33 W. D. McFarland.....	26
35 W. A. MacKum, Nickerson, Kan.....	50
36 T. G. Cox.....	25
39 O. J. Hull, Rose Hill, Kan.....	27
42 N. J. Nies, Goddard, Kan.....	42
41 C. O. Parsons, Clearwater, Kan.....	35
43 T. G. Cox.....	31
45 J. H. Higgins, Conway Springs, Kan.....	39
44 A. L. Barnard, Belle Plaine, Kan.....	30
46 W. D. McFarland.....	33
48 N. J. Nies.....	26
52 O. J. Hull.....	121
54 A. Kennedy.....	60
55 J. B. Freese.....	27
56 Louis Krupp, Oerlin, Kan.....	30
58 W. D. McFarland.....	39

H. E. Hayes Short-horn Sale.

Perhaps it was the weather conditions that had a tendency to curtail the attendance at Mr. H. E. Hayes' sale at Olathe, Kan., on November 24th, but whatever the cause this much is sure, buyers who were present reaped a harvest and bought Mr. Hayes' cattle at prices that are bound to make them money. The entire offering was desirable every animal showing its usefulness, and higher prices should have prevailed. Be this as it may, Mr. Hayes' sale may be classed a success, and he took the prices paid and wished each purchaser success with his purchase. Mr. C. S. Nevius, of Chiles, Kan., bought the two tops of the sale—Orange Blossom 2d, a Scotch heifer, and the roan cow, Elizabeth, with heifer calf at foot by Lord Bank 2d—paying \$195 for each lot. Mr. J. C. Lorimer, of Ottawa, Kan., secured the Scotch bull, Premier, at the bargain price of \$125. Colonel Bellows, Harriman and James handled the sale in their usual satisfactory manner. Following is a list of all sales of over \$100:

Lot.	Price.
1 Orange Blossom 2d, C. S. Nevius, Chiles, Kan.....	\$95.00
3 Village Maid 3d, O. O. Wolf, Ottawa, Kan.....	155.00
4 Lady Gloster C., C. S. Nevius.....	165.00
5 Bashful Beauty, W. O. Rule, Ottawa, Kan.....	100.00
6 Norwood Jennie Lind 4th, Ed Williams, Olathe, Kan.....	102.50
8 Fourth Duchess of Norwood, C. S. Nevius.....	125.00
10 Royal's Valentine, Ed Williams.....	100.00
29 Dorrit's Lavender, O. O. Wolf.....	112.50
2 Premier, J. C. Lorimer, Olathe, Kan.....	125.00
9 Elizabeth, and c. c., C. S. Nevius.....	195.00

SUMMARY.
29 cows sold for ... \$2,637.50; average...\$90.94
6 bulls sold for ... 492.50; average... 82.08
35 head sold for ... 3,130.00; average... 89.43

Don't follow fashion too strongly, especially out-of-date fashion. This is the advice given in the Litchfield story on page 5 this week.

THE CAMPBELL SYSTEM OF SOIL CULTURE.

As practiced on the Demonstration Farms of The Scientific Farming Association in New Mexico and Colorado is now printed. This, including a year's subscription to the Scientific Farmer, which is devoted entirely to the Campbell System, and everything that is published on what is called Dry Farming, can be had by remitting \$5.00 to the Denver office.

THE SCIENTIFIC FARMING ASSOCIATION,
1715 California St., - - - Denver, Colo.

WANTED---YOUNG MEN

IN the country to become interested in our business and furnish us names of residents in their districts; we work up the business, you share the profits with us; no experience necessary on your part. If you want a good thing and mean business, write us before your territory is taken. Chicago Standard Mercandise Co., 52 & Dearborn St., Chicago, Ill.



It is with pleasure that we herewith reproduce an illustration of the comfortable home of Mr. C. J. Woods, of Chiles, Miami county, Kansas, where Double Standard Polled Durhams are given full sway. Mr. Woods not only has a comfortable home in which to entertain his friends, but any lover of good stock can easily spend a day among the cattle and when night comes feel that he has spent the time to good advantage. The lover of the short-legged, thick, meaty kind would do well to visit Mr. Woods and see his cattle.

MY FREE OFFER TO DRINK VICTIMS

You Can Now Reclaim Anyone Who is Addicted to the Drink Habit by a Home Cure Which You Can Give Secretly

I SEND IT FREE—FREE FOR THE ASKING—FREE TO YOU

IF you want to help a man who drinks back to self-respect and decency, health and prosperity, write me today and I will send you free a test package of Alcola, the safe, tasteless secret HOME remedy which conquers the drink demon.

I will do this free. Simply write me today and I will send the free test package to you at once, postpaid, in a plain wrapper, and free of all cost, charge or obligation of any kind whatever.



Here is the Man Who Has No Help -

What Wonders of Good Alcola Will Work for your Friend or Loved One is Best Told in the Words of the Thankful Ones to Whose Homes it Has Restored Peace, Happiness and Prosperity



and Here is the Man Who Has Help

"My husband drank hard—for about twenty-five years," writes Mrs. Osse A. Faux, Box 134, Cardington, Morrow Co., Ohio. "He had hardly been sober for the past eight months. I gave him the treatment secretly. I cannot say enough in praise of it, for Alcola has saved my husband."

Mrs. W. C. Walton, Greenville, Butler Co., Ala., R. F. D. No. 2, is not less thankful. "You cannot imagine how happy we are, for Alcola has cured my husband of drink. It is now over two years since he took the treatment and he has not drunk since. It is such a pleasure to have him come home sober, and besides we have saved so much money."

These are the words of happy wives. Now listen to the thanksgiving of a daughter, a little girl, to whom, perhaps, Alcola has proved the best of all friends. She says: "Alcola has done all you claim for it. My father, after taking one full treatment, has no desire for liquor at all, and it is now over two years since he took his last drink." Cora A. Magee, Zona, Washington Parish, La.

One more from a mother, this time a Mrs. S. A. Kelly, of Parmalee, Ariz. "Dear Friends," she writes, "just a few lines to let you know of the wonderful cure of my son, who was a total wreck from drink. Friends gave him up, a father pronounced him lost, brothers discarded him and a broken-hearted mother had sunk in despair when I received Alcola, and my boy has never touched a drop of liquor since. He is now a fine-looking man; no more staggering steps or wild-looking eyes. The neighbors say it is a mystery, but all the praise is due your blessed Alcola."

These letters prove that Alcola cures the drink habit to stay cured. For these women and hundreds of others it has proved an unmixed financial, physical, mental and spiritual blessing. It will surely prove no less a benefit to you and yours, and so I urge you not to delay, but write for the free sample package this very day.

Do this now, and with the package I send you a valuable book which tells you all about the drink craze and its cure by Alcola. Write in perfect, sacred confidence.

R. G. ROGERS 543 Monon Building CHICAGO

Killing and Dressing Cattle.

The first step in killing and dressing a beef is to secure the animal so that it cannot get away under any emergency. For this purpose, a rope three-fourths of an inch in diameter should be used. Put a slip-noose in one end, with a knot just far enough from the noose to prevent choking when drawn tight. It should at the same time allow the noose to draw tight enough so that there will be no danger of escape if the rope becomes slack. If the beast has horns, pass the noose over the head back of the ear and horn on the right side, but in front of the horn on the left side of the head. This leaves the face bare and does not draw tightly on the throat. Where a dehorned or polled beast is to be secured, the noose must be adjusted around the neck. Attach an ordinary hay-fork pulley to a post, close to the ground, or the barn floor or sill. Pass the rope through it, and draw the animal's head down as close as possible. Stun completely by a heavy blow in the center of the forehead at the point where lines drawn from the eye on either side to the base of the horn on the opposite side would intersect.

Shooting has the same effect as stunning, and where deemed best may be resorted to. Some danger attends the use of a rifle about farm buildings, however, and the use of an ax is advisable, where the animal can be caught.

Bleed by sticking the animal just in front of the sternum, or breast-bone. To do this properly requires practice and close observation. Stand in front of the neck of the animal, with the back toward the body. Place one foot against the jaw and with the other hold back the front legs. Reaching down between the feet, lay open the skin from breast-bone toward the chin for a distance of ten or twelve inches, using the ordinary skinning knife. Insert the knife with the back against the breast-bone and the tip pointed directly toward the spinal column at the top of the shoulders, cutting just under the windpipe, and about five to six inches in depth. The vein and artery cross just at this point, and if they are severed the blood will flow out very rapidly. When the vein has been cut below the windpipe, run the knife in on top of it and sever the blood-vessels on that side also. If stuck too deep the pleura will be punctured, and blood will flow into the chest cavity, causing a bloody carcass. This should be avoided.

While an animal will bleed out if only one side is cut, it will bleed more quickly and the blood will be more nearly siphoned out if both sides are opened. A little practice is needed to become expert in "sticking" a beef, but, once learned, the art is never forgotten. Not so much skill is required simply to cut the animal's throat back of the jaws, but it is at the expense of quick bleeding.

Begin skinning, as the carcass lies on its side, by splitting the skin through the face from poll to nose. Skin the face back over the eyes on both sides and down over the cheeks. Cut around the base of the horns, leaving the ears on the hide. Split the skin from the chin down to the throat to meet the incision made in bleeding. Start the skin in slightly on the sides of the neck and down to the jaws. Remove the head by cutting from just back of the jaws toward the depressions back of the poll. The atlas joint will be found at this point, and may easily be unjointed with the knife. The carcass should then be rolled on its back and held by a small stick three feet long, with a sharp spike in each end, one end being inserted in the brisket and the other in the floor. Split the skin over the back of the fore legs from between the dew-claws to a point three or four inches above the knee. Skin around the knee and shin, unjointing the knee at the lowest articulation, and skin clear down to the hoof. The brisket and forearms should not be skinned until the carcass is hung

up. Cut across the cord over the hind shin, to relax the foot. Split the skin from the dew-claws to the hock and up over the rear part of the thigh, to a point four to six inches back of the cod moving the leg at the lowest joint of or udder. Skin the hock and shin, re-the hock. In splitting the skin over the thigh the knife should be turned down flat, with the edge pointed outward, to avoid gashing the flesh. While the hind leg is stretched ahead it is well to skin down over the rear of the lower thigh, but no attempt should be made to skin the outside of the thigh until the hind quarters are raised. After the legs are all skinned split the skin over the mid-line from breast to rectum.

Begin at the flanks and skin along the mid-line until the side is nicely started. Then, with a sharp knife held nearly flat against the surface and the hide stretched tightly, remove the skin down over the sides with steady downward strokes of the knife. It is important that the skin be stretched tight, with no wrinkles in it. Care should be taken to leave the covering of muscles over the abdomen on the carcass. Its presence on the hide is not entirely objectionable, but a carcass looks much better and keeps better with it on. In "siding" a beef it is customary to go down nearly to the back-bone, leaving the skin attached at the thighs and at the shoulders; skin over the buttock and as far down on the rump as possible. Care should be taken at all times to avoid cutting into the flesh or tearing the membrane covering it. If the meat is to be kept fresh for any length of time, mold will form in such places and will be hard to clean off. A coarse cloth and a pail of hot water should be at hand while skinning, and all blood spots should be wiped from the surface. The cloth should be wrung nearly dry for this purpose, and the less water used the better.

Open the carcass at the belly with a knife and pull the small intestines out to one side. Open the brisket and pelvis with a saw or sharp ax. After raising the windpipe and gullet and cutting loose the pleura and diaphragm along the lower part of the cavity, the carcass is ready to raise.

When raised to a convenient height, remove the hide over the thighs, rump and hips. While in this position loosen the rectum and small intestines and allow them to drop down over the paunch. The "bed fat" lining the pelvis and the kidney fat should not be disturbed nor mutilated.

The intestines are attached to the

\$50 GOLD FREE

T B R O I A N L
U A A D E G A H
E Z O C A O E N
S M O P N Y D O
N D T O E X T I B
A E R A N S W R
A N G R I L A H
W O Y A P

Can You Make 12 Words?

Now here is a puzzle that is a prize-winner. You do not have to sit up and work over a dictionary all night. Just a little ingenuity and skill. The puzzle is to get as many words as possible out of the letters herewith given. Use only the letters given and only as many times as they appear. For instance, the letter R appears four times, so in all your words you must not use R more than four times. If you use R twice in one word and twice in another, you cannot use R in another word, as you have already used it as many times as it appears. You do not have to use up all the letters. The puzzle looks simple, but if you can make as many as twelve words, send in your list at once, as the person winning first prize may not have more than that many words.

THE OFFER

We will give \$25 in cash to the person sending in the largest list of words, \$10 to the second largest, \$5 to the third, \$1 to the next five and 50 cents each to the next ten. Send in your list at once. There are no conditions to the contest for these prizes. If you only win one of the smallest prizes, 50 cents, you are that much ahead. It is certainly worth a little effort, and besides you will get several copies absolutely free of the best story paper published. Send your list of words at once. Address,

Why We Do It

We publish the best story paper in America, and we want to send you a sample copy. We can't send it to you unless we have your name and address, so we give these prizes to induce you to send us your name. We will then send you sample copies absolutely free. We will not ask you for one penny of your money—it is your name we want, not your money. Show this offer to your friends.

CONTEST EDITOR, 658 Ridge Bldg., Kansas City, Mo.

liver, from which they may be separated with a knife. The paunch is attached to the back at the left side and may be pressed down upon with sufficient force to tear it loose. Let it roll onto the ground, and cut off or draw out the gullet. Raise the carcass a little higher and take out the liver, first removing the gall-bladder. Remove the diaphragm, lungs and heart, and finish skinning over the shoulders, arms and neck. Sponge all blood and dirt off with the cloth. Split the carcass into halves with a saw, if one can be had; if not, use a sharp ax. Wash the inside of the chest cavity and wipe it dry. Trim off all bloody veins and scraggy pieces of the neck and leave the beef to cool before cutting into quarters.—Farmers' Bulletin.

The Chicago Poultry Show.

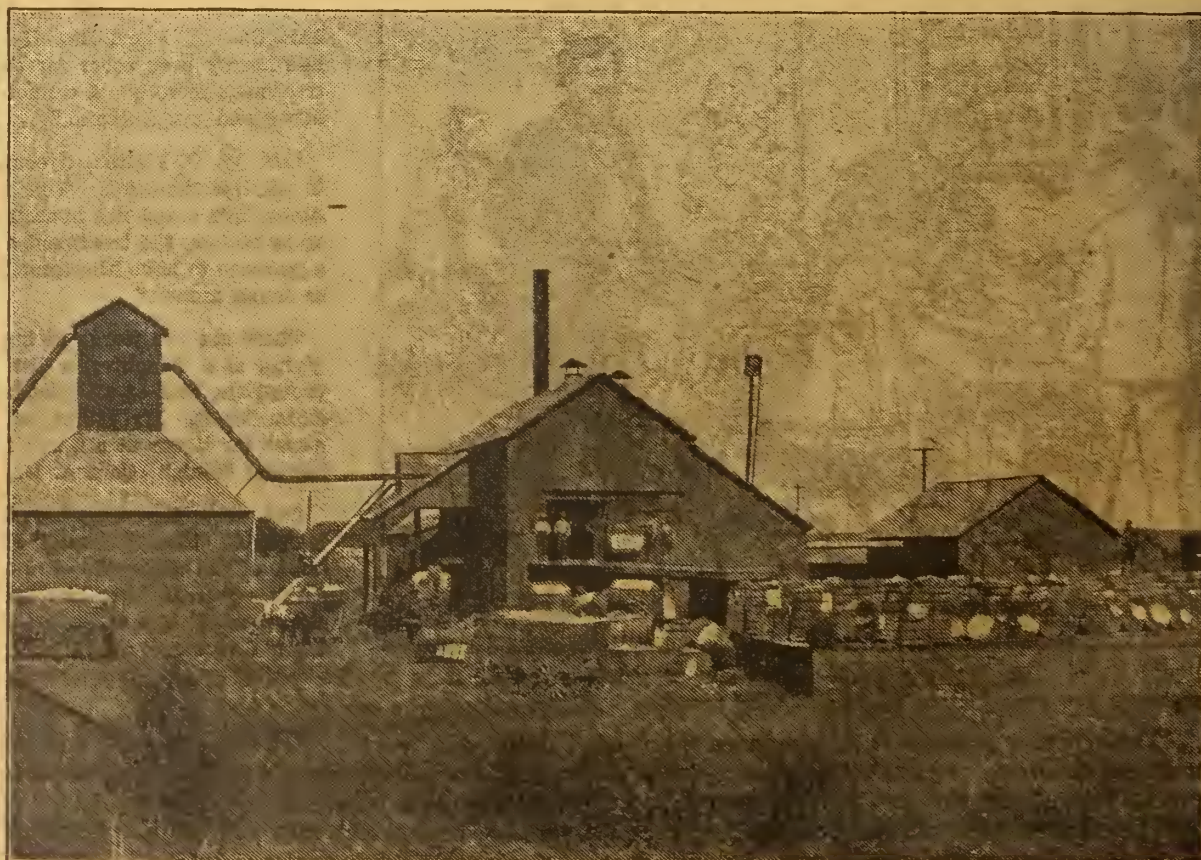
To the Editor of The Homestead:

The annual poultry, pigeon and pet stock show to be held in Chicago January 23d to 30th inclusive, 1907, will be an improvement on any of the series of high-class shows heretofore held under the management of the National Fanciers' and Breeders' Association. The exhibits of stock, incubators, brooders, appliances, foods, remedies and all things pertaining to the poultry, pigeon and pet stock industry have at all times taxed to the utmost the capacity of the largest hall obtainable. The attendance of visitors, always great, was phenom-

enally large last year. Plans are now being perfected to make the exhibition, whether from the standpoint of the exhibitor, the visitor or the management, better than ever before.

Premium lists, giving names of judges and the varieties to be passed upon by each of them, and all necessary information to intending patrons, will be issued about December 15, 1906. Twenty thousand will be mailed out, and it is the intention to have one sent to every interested person, but if for any reason it is not received, or additional copies are desired, write to the secretary, Fred L. Kimmey, 325 Deaborn St. Chicago, Ill.

One of the every-year falling-down places is in transferring the summer broods to winter quarters. Usually we have a nice lot of pullets roosting around here and there, and our first inclination, when the first frost comes, to gather them up and put them away snugly in their winter quarters is a mistake. Fowls are naturally outdoor creatures. Their feathers are for no other purpose than to protect them against cold. They do not suffer from the effects of cold as quickly as one might think. Don't be in a hurry to box them up. If they have been roosting in trees I venture to say they are healthy, and a little cool weather only serves to fit them for real winter. After winter has come and they occupy their winter quarters it is better to chill them a little than over-heat them.



COTTON GIN.

A familiar scene in central and southern Oklahoma. In this section of the new state cotton is extensively cultivated. Neither the yield per acre nor the quality is surpassed in this country.

A STEADY INCOME.

The Republic Mining and Milling Company owns five gold claims in California—fully equipped and ready for operation. Limited amount of treasury stock for purchase of cyanide mill, etc., now selling at 10 cents. Will advance 100% in 30 days. If you are interested in increasing your income, write for FREE Prospectus and full particulars to the Fiscal Agent—Samuel Koppstein, 826 Kansas City Life Bldg., Kansas City, Mo. REFERENCES—W. A. Rude, Cashier National Bank of Commerce, Kansas City, Mo. Northwestern Trust Co., Kansas City, Mo.

WE CAN CURE YOUR CATARRH

WE WILL PROVE IT FREE!

We deal direct with the sufferer, direct from our laboratory to you. We have the latest Nebulizer and the most perfect treatment mailed on ten days approval.

Do not neglect Catarrh. It is very Dangerous. Delay will decrease the possibility of a cure and increase the complications. Death, Ruin and Destruction follow neglected Catarrh.

Ninety-three per cent of the people of this country are suffering from some form of Catarrh.

They are acting as store-houses and distributing stations of germ life that breed diseases ranging from incipient catarrh to quick consumption. Air is the agency that brings these germs into the air passages, and it must be the agency to remove them.

WE CAN CURE YOUR CATARRH

Because We KNOW What our New and Wonderful Discovery Has Already Done for Hundreds ----Will do for YOU----We will Cheerfully and Willingly Send a Full Treatment to You Pre-paid, Absolutely Free, for TEN DAYS TRIAL.

We OFFER what is really a GODSEND to sufferers from Catarrh—Head, Bronchial and Throat troubles. A new and wonderful medical discovery that cures by striking at the root and cause of the disease—by KILLING THE GERMS.

A CURE for YOU, no matter in what bad shape you are. NOW WE DO NOT ASK YOU to take our word, nor that of the cured hundreds. Instead, we want you to try this treatment, entirely at our personal risk, at our expense. Just say the word, and we will send the treatment to you, without pay or promise on your part. If, at the end of 10 days trial, you do not feel like a new being, if you do not honestly bless the day that you answered this advertisement, simply return the Nebulizer to us. You are nothing out. Isn't that a fair and honorable offer? Your word decides it. We fully trust and believe you.

OUR AFFLICTED FRIEND, do not suffer longer from this cruel Catarrh. Don't drag out a miserable existence, a curse to yourself, a nuisance to those around you. Don't let down the bars to more dangerous disease. (CONSUMPTION MOST FREQUENTLY STARTS IN CATARRH.) OUR NEW TREATMENT is applied direct. No drugs to swallow; its application is a pleasure. As if by magic, it stops the hawking, spitting, sniffing and snuffing, relieves the maddening head noises, does away with the nauseating dropping of mucus into the mouth; the queer, stuffy and oppressed feeling of the head; the painful burning and smarting of the air passages. Soothes and heals the irritated membranes, and leaves the head CLEAR AS A BELL. IT IS FOLLY to take medicine into the stomach to kill the germs of Catarrh in the head.

OUR treatment cures Catarrh, Asthma, Head Colds, Pains and Roaring in the Head, Bronchitis, Sore Throat, Headache, Partial Deafness, La Grippe and all diseases of the air passages by a patented method of dry inhalation.

The treatment is easily carried with you; may be used anywhere, at any time.

Read what grateful persons write:

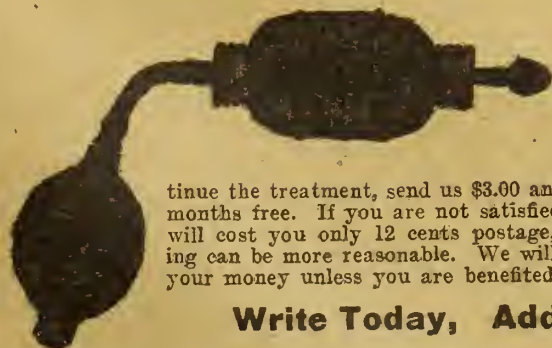
"Your treatment has done me more good in three days than all others I have used in a life time."—J. D. S. ATKINS, Durham, N. C.

"After using your treatment one week I have got my hearing back, which I thought was lost forever."—REV. ALBERT EGLI, Elgin, Ill.

"I have been using your medicator three weeks and would not take \$1,000 for it if I could not get another. I can sing again, something I have not done for two years."—MINNIE COLLINS, Hayner, Ala.

MY SPECIAL TRIAL OFFER

For a Short Time



If you will write us a postal card, we will mail you our new Universal Nebulizer that cannot leak, spill or evaporate with treatment of Vapor Medication with complete directions for a quick home cure. If it gives perfect satisfaction after ten days' trial, and if you are pleased in every way, and wish to continue the treatment, send us \$3.00 and we will mail further treatment for six months free. If you are not satisfied after trial, mail back the nebulizer, which will cost you only 12 cents postage, and you will still have your money. Nothing can be more reasonable. We will deal fairly with you, as we do not want your money unless you are benefited.

Write Today, Address,

UNIVERSAL NEBULIZER CO.

Lock Box 142

ASHLAND, OHIO.

Catarrh Sufferers

Should realize the fact that Catarrh is a very dangerous ailment. It is the beginning of nearly all diseases of the head, throat and larynx and is the forerunner of Consumption.

First a slight cold, acute in form, being neglected becomes worse, finally chronic, and leads to still worse conditions. How important it is that every person consider this matter seriously for himself!

Catarrh is constantly on the increase. There is more today than five years ago. Almost all people are subject to frequent colds. They are seemingly becoming more susceptible to this influence each year. Various causes lead to this condition. We are offering you our Universal Nebulizer and Vapor Medication to counteract these emergencies.

We offer you the opportunity to try it for 10 days free. What more could you ask? We are willing to give you the benefit of the doubt. We don't want your money unless you are pleased with the treatment. The only way you can find out whether it will suit you, is to send for it. Try it. If it does not prove all you expect, return it. It is all simple and easy: See our special trial offer.



Symptoms of Catarrh of the Head and Throat.

Have you any of the following symptoms? If so you have Catarrh in some form and should immediately send for a Nebulizer on trial free. See special trial offer.

Do you hawk and spit up matter? Do you have watery eyes? Is there huzzing and roaring in your ears? Is there a dropping in the back part of throat? Does your nose discharge? Does your nose feel full? Do you sneeze a good deal? Do crusts form in nose? Do you have pains across front part of head? Do you have pain across the eyes? Is your breath offensive? Is your hearing impaired? Are you losing your sense of smell? Do you hawk up phlegm in the morning?

Letters from Customers.

Chicago, Ill., 836 N. Ashland, Ave.

E. J. Worst, Ashland, Ohio.
Dear Sir:—Your treatment is satisfactory. It has altogether cured me of Catarrh in my head; have recommended it to others.

Yours respectfully,
Mrs. B. Maziba.

Fair Oaks, Pa.

E. J. Worst, Ashland, Ohio.
Dear Sir:—Received Nebulizer O. K. and am very well pleased with it. It is all that you claim for it and the few days that I have used it makes me feel like a new man.

Yours truly,
W. G. Davis.

Arcadia, Fla.

E. J. Worst, Ashland, Ohio.
Dear Sir:—I have used your treatment in my family with positive benefit and have recommended it to others who were pleased with results. I cheerfully recommend it to all sufferers of Catarrh.

Rev. Jas. P. DePass,
Pastor M. E. Church, South.

Wabash, Ind.

E. J. Worst, Ashland, Ohio.
Dear Sir:—I have been a great sufferer with pains in my head for 15 years. I tried different doctors, but none could help me. I began to use your treatment and from the first day I began, I have had no pains. I will recommend your treatment to every Catarrh sufferer I meet.

Yours truly,
Mrs. S. Ulshofer.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mount Union, Iowa.
 Jan. 16, W. G. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, McNeill Bros., Bowen, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 21, J. E. Rowe, Stockham, Neb.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, G. W. Post, York, Neb.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weigton, Audubon, Iowa.
 Jan. 23, Frank Laird & Son, York, Neb.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 23, Peek & Putman, Tecumseh, Neb.
 Jan. 23, Aug. Sonneland, Harlan, Iowa.
 Jan. 24, C. McCarthy, Henderson, Neb.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Weber, Portsmouth, Iowa.
 Jan. 24, Rell & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocbeyedan, Iowa.
 Jan. 24, Paul Groupe, Tecumseh, Neb.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.
 Jan. 29, Grant Chapin, Green, Kan.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, H. B. Griffiths, Bowen, Ill.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, J. O. Hunt, Maryville, Kan.
 Jan. 30, J. C. Dauner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, C. E. Pratt, Frankfort, Kan.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Pevington, Kingsley, Iowa.
 Jan. 31, Thomas & Hogsett, Golden, Ill.
 Feb. 1, Clarence Beavers, Holmes, Kan.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 2, John Fultz, Marysville, Kan.
 Feb. 4, Roy West, Boudurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, M. W. Greer & Son, Rushville, Ill.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 5, Henry Weber, Friend, Neb.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 6, W. D. Pittman, Lake City, Iowa.
 Feb. 6, J. H. Husman, Exeter, Neb.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, T. W. Stoner & Son, Henry, Ill.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, J. Stroh, Dewitt, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 11, J. A. Teter, Remington, Ind.
 Feb. 12, John M. Morrison & Sons, College View, Neb.
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio.
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Maris, Polk City, Iowa.
 Feb. 14, Gilbert Van Patten, Sutton, Neb.
 Feb. 14, B. W. Hale, Laddonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Geo. Briggs & Son, Clay Center, Neb.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Maupin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, Watt & Foust, Cedarville and Xenia, Ohio.
 Feb. 15, A. W. Harris & Son, Morganfield, Ky.
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.
 Feb. 16, B. F. Roberts, Hebron, Neb.
 Feb. 16, H. A. Sberwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Cbariton, Iowa.
 Feb. 19, Unlitt & Davis, Seward, Neb.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, S. P. Briggs, Seward, Neb.
 Feb. 21, E. J. Brown, Osceola, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.
 Feb. 22, O. E. Mickey, Osceola, Neb.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 23, Wm. Sanstead, Holdrege, Neb.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, M. A. Scliers & Son, Huntley, Neb.
 Feb. 26, Geo. C. Bissing, Homer, Neb.
 Feb. 27, S. J. Tillman, Ragan, Neb.
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.
 Feb. 28, Geo. Karchner, Wilcox, Neb.
 THE ONLY WAY DUCOC CIRCUIT.
 Feb. 19, E. H. Deal, Fred Schelzer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schroterberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 Mar. 1, C. C. Warren, Wilcox, Neb.
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.
 O. I. C. HOGS.
 Jan. 18, J. L. Barber, Harlan, Iowa.
 Feb. 6, 7, O. L. Kerr Est., Independence, Mo.
 BERKSHIRES.
 Dec. 19, Weber & Apperson, Tecumseh, Neb.
 REGISTERED DRAFT HORSES.
 Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill.
 Jan. 9, W. H. Hurst, Arrowsmith, Ill., Mgr.
 PERCHERONS.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 JACKS AND JENNETS.
 Mar. 5, L. M. Monsees & Sons, Smithton, Mo.
 PERCHERONS AND CLYDESDALES.
 Dec. 18, A. H. Brett, Mason City, Iowa.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Nov. 30, Wayne County Short-horn Breeders' Ass'n, J. S. Crosby, Secy., Corydon, Iowa.
 Dec. 7, H. S. Duncan & Sons, Clearfield, Iowa.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Jan. 14, W. J. McLean, Rock Valley, Iowa.
 Dec. 12, Combination sale at Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 12, J. W. Hanna & A. Robertson, Garrison, Iowa.
 Dec. 12, David City, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 13, T. A. Baldwin, Emmetshurg, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 15, Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, A. H. Brett, Mason City, Iowa.
 Dec. 18, Joint Breeders' Sale, Marysville, Kan., F. P. Healy, Mgr.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Dec. 19, C. A. Saunders, Manilla, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Dec. 20, D. J. Cronin, O'Neill, Neb., sale at Spencer, Neb.
 Jan. 16, Geo. Bonewell & Jas. Duffus, Grinnell, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 Mar. 20, James Stack, Harvard, Neb.
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.
 May 28, Walter Teel, Rusbyville, Ill.
 ABERDEEN ANGUS.
 Dec. 4, Aberdeen Angus Breeders' Ass'n Combination Sale, Chicago, Ill., W. C. McGavock, Mgr.
 Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosefield & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.
 SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.
 Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 SHORT-HORNS, HEREFORDS AND ABERDEEN ANGUS.
 Dec. 6, American Galloway Breeders' Ass'n HEREFORDS.
 Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 Dec. 19, J. G. Von Seggern, Wisner, Neb.
 Jan. 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 Feb. 1, F. W. Mann, et al., Harlan, Iowa.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 June 18, Hood & Baker, Dunlap, Iowa.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.
 HOLSTEIN-FRIESIANS.
 Feb. 14, H. C. Glissman, South Omaha, Neb.
 THOROUGH-BRED HOGS AND CATTLE.
 Dec. 4, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.
 SHORT-HORNS AND DUCOC JERSEYS.
 Feb. 25, W. C. Cameron, Herman, Neb.
 POLAND CHINAS.
 Jan. 8, E. H. Andrews, Kearney, Neb.
 Jan. 12, H. C. Dawson & Sons, Endicott, Neb.
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.
 Jan. 29, Geo. Regennitter, Bennett, Iowa.
 Jan. 31, W. F. Garrett & Sons and Jno. H. Harvey & Son, Maryville, Mo.
 Feb. 2, Bert Fry, Plainfield, Iowa.
 Feb. 6, Henry Dorr, Remsen, Iowa.
 Feb. 6, E. M. Jenkins & Son, Byron, Neb.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 8, T. J. Charles, Republic, Kan.
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, H. H. Iess & Son, Surprise, Neb.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 12, Reubel Bros., Rockwell City, Iowa.
 Feb. 13, E. D. Keasy, Wiota, Iowa.
 Feb. 15, H. H. Styler, Whittemore, Iowa.
 and M. P. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 15, Peter Mouw, Orange City, Iowa.
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, N. J. Crow, Webb, Iowa.
 Feb. 20, W. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 20, C. W. Phillips, New Sharon, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Cbas. Cook, Danbury, Iowa.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 Mar. 13, D. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

School Will Open December 3d.

School at the Capital City Commercial College will open for the Winter Term, Monday, December 3d. Young men and young women who desire to acquire a practical, usable education should arrange to enter at that time.

Any information may be secured by addressing the
CAPITAL CITY COMMERCIAL COLLEGE,
 Des Moines, - - - Iowa.

FIELD NOTES.

Mr. Walter Teel, of Rushville, Ill., claims May 28th as a date for a Short-horn sale.

Messrs. Watson Bros., of Creston, Iowa, have a few choice Duroc Jersey boars for sale.

A few good Duroc Jersey boars are being offered for sale by Mr. M. M. Elmendorf, of Lacona, Iowa.

A few good Tamworth boars are offered for sale by Messrs. Norrish & Bevington, of Kingsley, Iowa.

A few Duroc Jersey boars sired by Proud Advance and Orion are offered for sale by Mr. F. E. Garrett, of Lohrville, Iowa.

Mr. Albert Bell, of Lake City, Iowa, is making special prices on Duroc Jersey boars. He has about thirty on hand and says they must go.

Some cracking good Duroc Jersey boars are offered for sale by Mr. Roy E. West, of Churdan, Iowa. These are good and the price is right.

The well-known breeders of Short-horn cattle, Mr. George Bonewell and Mr. Jas. Duffus, of Grinnell, Iowa, announce a public sale to take place on January 16th.

Mr. Wm. Malcolm, of Bigelow, Minn., owner of the sweepstakes herd, is offering a few choice Duroc Jersey boars for sale, sired by his Minnesota State Fair sweepstakes boar.

The administrator of the O. L. Kerr estate, of Independence, Mo., Mr. Llewellyn Jones, claims February 6th and 7th as the dates on which to hold a public sale of Chester White swine.

Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, have a few good American Royal boars for sale. This undefeated sweepstakes boar is the sire of a grand lot of pigs now on the farm.

Quotations on Mammoth Bronze turkey toms and hens are made in the advertisement of Mrs. Emma La Follette, of Blakesburg, Iowa, which appears on page 13 of this issue of The Homestead.

Mr. F. L. Marsh, of Irving, Iowa, has forty head of Chester White swine of April farrow, large growthy pigs of either sex, which he is offering for sale at right prices in an advertisement that appears on page 41 of this issue.

If you want Duroc Jersey boars, write Mr. Delmar McCann, of Kennard, Neb. He has them and if you have a reasonable amount of money to pay for one you can get one of him. He is pricing them so that anyone can afford to buy.

Mr. T. J. Congdon, of Pawnee City, Neb., the well-known breeder of Berkshire swine, writes: "My boars are nearly all gone, but I have the finest lot of bred sows and gilts for sale that can be found anywhere in the West." See Mr. Congdon's advertisement on page 45.

Mr. E. Z. Russell, of Blair, Neb., is now offering a few good Duroc Jersey boars for sale sired by Glendale Critic, his noted winner and sire of winners, and by Malcolm's Model, and Gold Dust Jim 2d. If you are wanting a boar, write Mr. Russell at once.

Read the new advertisement of Messrs. P. S. & S. Barr, of Davenport, Iowa, on page 45 of this issue of The Homestead. They announce that they have a choice lot of vigorous Poland China boars yet to sell and are pleasing customers. Their farm is located two miles northeast of Davenport.

Mr. W. C. Frazier, of Atlantic, Cass county, Iowa, announces that he has 400 Barred Plymouth Rocks and White Wyandottes for sale. The prices are named in the advertisement on page 13 of this issue. He writes that he has a splendid lot of poultry in proper shape, growthy and correctly marked.

Mr. Henry Dorr, of Remsen, Iowa, the well-known and popular Poland China breeder, is offering twelve good young boars for sale sired by Dorr's Tecumseh, Grossman's Choice and Empire Thickset. He is pricing these right and the man who wants one will have to go some with his order, because they won't last long.

An excellent bunch of young Aberdeen Angus bulls are offered for sale by Mr. Frank B. Paup, of Kirkman, Iowa. One is a Pride, another is a Queen Mother, a Heatherbloom, a Carnation and a Duchess. He is offering them at a very reasonable figure. Write him if you are on the market for an Angus bull.

Messrs. Arch Brown & Sons, of Waterloo, Neb., have a few good Duroc Jersey boars for sale sired by Royal Top Notcher and old Echo King. Messrs. Brown & Sons will treat you right if you send them an order. They generally have some pretty good things on the farm. Now is the time, however, to write them if you want one.

Mr. Roy E. West, of Churdan, Iowa, writes as follows in regard to the stock he is offering for sale on page 46 of this issue of The Homestead: "The Duroc Jersey pigs I am offering are well bred and have been fed for usefulness. There is not a poor one in the lot I offer. They have good heads and ears, are lengthy, well banded, good backs and feet. They are not show pigs, but big, strong, well-made, useful pigs that will take the eye of the farmer who wants plenty of size and vigor along with quality. They are

in breeding shape, and those of May farrow weigh around 200 pounds."

Messrs. Jesse Binford & Sons, breeders of Short-horn cattle, of Liscomb, Iowa, write: "We have a few good young bulls for sale which will be priced right; in the lot are two extra good bull calves seven months old, one is a Barrington, sired by our Scotch bull, Nokomis." See Messrs. Binford's advertisement on page 44 of this issue.

Mr. George H. Purdy, of Mason City, Iowa, a breeder of Duroc Jersey swine, writes: "My pigs are in fine condition and growing nicely, and sales have been very satisfactory through The Homestead advertisements. I still have a few of the Model Chief pigs from an Advance dam, that are cracker jacks and of prize-winning type."

In the date claim columns this week Mr. George Regennitter, of Bennett, Iowa, announces a public sale of Poland Chinas to be held on Tuesday, January 29th. He advises us that at that time he will sell forty-five sows, ranging in age from one to four years of age and about twenty gilts that will have as much size, bone and finish as any herd in the state can show.

Mr. E. C. Caverly, of Toulon, Ill., has a number of heavy-boned, lengthy Poland China boars for sale. His advertisement will be found on page 45 of this issue. Eleven of these boars are fall yearlings. They are good, large fellows, in moderate flesh and ready for active service, and will be sold at prices within the reach of all. He has had a large sale on spring pigs and still has a few nice ones left.

The Perfection Chief Stock Company, of Maryville, Mo., was organized when Messrs. Nash & Kimmons, of Pickering, Mo., and Mr. J. B. McMurray, of Maryville, Mo., bought the Duroc Jersey boar, Perfection Chief. These gentlemen will, on February 27th, make a sale of Duroc Jerseys at Maryville, Mo., at which time the get of Perfection Chief and sows bred to him will be the order of the day.

On December 20th Mr. D. J. Cronin, of O'Neill, Neb., will make a public sale of Short-horn cattle at Spencer, Neb., in the northern part of the state. Mr. Cronin is putting in a good lot of cows and heifers, and a good bunch of bulls. This is one of the first Short-horn sales ever held in that part of the state, and the farmers and breeders thereabouts will have an opportunity of buying cattle right at home.

Mr. B. W. Hale, of Laddonia, Mo., writes that everything pertaining to the Duroc Jersey sale circuit that starts with Messrs. Riggan & Rogers, of Petersburg, Ill., on February 12th; T. E. Laurie, of Jacksonville, Ill., on February 13th; B. W. Hale, Laddonia, Mo., on February 14th, and closes at Maupin & Applegate's, at Shelby, Mo., on February 15th, is coming on fine, that each of these breeding firms are breeding an extremely fine lot of stuff for their sales.

Mr. J. D. Vorhees, breeder of Poland China swine, of Charles City, Iowa, writes: "I still have twenty growthy, heavy-boned boars and gilts of March and April farrow, sired by F. J.'s Choice 106849. My recent sales have been a boar to Mr. W. R. Schlick, of Charles City, Iowa, and two bred gilts to Mr. E. L. Ditterman, of Mason City, Iowa. I guarantee satisfaction or will refund the money." See Mr. Vorhees' advertisement on page 45 of this issue.

"The young boars I am offering for sale," writes Mr. Aug. Sonneland, of Harlan, Iowa, "are sired by the world's grand champion at the St. Louis fair, Tip Top Notcher 20729, and are out of dams sired by him. They are of good color, broad, deep bodies, with plenty of style, and ought to go to the head of good herds. I will price them right to quick buyers." Mr. Sonneland's advertisement appears on page 45 of this issue. He also breeds Short-horn cattle and has some choice bulls for sale.

Mr. Henry Dorr, breeder of Poland China swine, of Remsen, Iowa, in furnishing copy for his new advertisement appearing on page 45 of this issue, writes: "The pigs are doing well and I still have a good number of boars left. My fall boars are all sold. The brood sows are coming along fine. I am starting to breed them for my sale. I will pick out the choicest fifty from seventy head and will have twenty-five fall and yearling sows, the balance spring gilts, for my sale, February 5th."

Mr. August Voge, of Portsmouth, Iowa, has just sold a splendid Duroc Jersey boar to Mr. E. C. Gwinner, of Holdrege, Neb., and Mr. S. G. Gwinner, of Sacramento, Neb., the price being \$150. He is a March 14th farrow, is a son of his Iowa State Fair prize winning boar, Crimson Wonder I Am 2d, and his dam is a prize winner sow. Mr. Voge says that this pig is the best he has ever raised on his Hillburst Farm, and the Messrs. Gwinner are to be congratulated on securing so good a prospect to head their herd.

The offering of Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, at the International Hereford sale at Chicago, December 6th, represents some show-yard material, as well as fine breeding character. The yearling bull, Sir Edward, was second in the Iowa special at Iowa State Fair, first in class and first at the head of young herd at the Interstate Fair, Sioux City. Passport prize was first in the Iowa special at Des Moines and first at the Interstate Fair, Sioux City. Lady Albany was first and champion

Iowa special at Des Moines, first in class and sweepstakes over all ages at Interstate Fair, Sioux City.

Messrs. L. H. Roberts & Son, of Paton, Iowa, breeders of Duroc Jersey swine, whose advertisement will be found on page 46 of this issue of The Homestead, write that they have several good boars for sale ready for service.

Mr. B. P. Whittington, of Earlham, Iowa, names March 13th, as a date on which to hold a public sale of Poland China bred sows. At that time he expects to sell about forty-five head, the sale to take place at Redfield, Iowa.

Mr. Robert Hunt, of Earlville, Iowa, has seventy-five Barred Plymouth Rocks for sale and a few very large boned Mammoth Bronze turkeys. He says: "These are of the best-marked birds I have ever raised." His advertisement appears on page 13 of this issue.

Mr. Robert Holm, of Paton, Iowa, starts an advertisement in this issue of The Homestead offering Single Comb White Leghorn and Barred Plymouth Rock cockerels for sale. This is Mr. Holm's third season in advertising pure-bred poultry and he states that his birds have grown better every year, and that his aim has always been to get them improved in quality each season.

Mr. John Schmieder, of Remsen, Iowa, breeder of Poland China hogs, writes: "I have some good, heavy-boned Poland China boars for sale sired by Winning Perfection, a half brother to the young boar that won first at the Sioux City show this fall. There are some grand good boars left yet of March and April farrow which I will sell right to make room for my sows. I also have a good fall yearling that I will dispose of at a low price, as I need the room." See Mr. Schmieder's advertisement on page 46.

Mr. J. H. Howarth, of Moulton, Iowa, makes the announcement in his advertisement on page 13 of this issue of The Homestead, that he has some fine large Mammoth Bronze turkeys and Rouen ducks for sale. In regard to his stock he writes: "Our turkeys are exceptionally fine, both in size, form and markings. We have a fine flock of about fifty early ones all well grown, having had plenty of range and hosts of grasshoppers. Our Rouen ducks are also large and well marked, and we are pleased to have such good ducks and turkeys to offer for sale."

Mr. F. A. Trumbauer, of Patterson, Iowa, has an advertisement on page 42 of this issue offering twenty-five large, growthy Chester white boars of March and April farrow, for sale. In furnishing copy Mr. Trumbauer writes: "The boars I am offering for sale are of the large, growthy, heavy-boned kind and are from pure-bred stock. These boars have had the run of clover pasture all summer and have had plenty of feed, so that they are strong and in nice shape for breeding purposes. I have been in the business for twelve years and my aim has been for size, bone and finish. I have some of the bluest blood in the state and have a bunch of boars that are the best I have ever raised."

Mr. T. A. Stevensen, proprietor of the Grand View Stock Farm, of Shannon City, Iowa, writes that The Homestead is doing good, as usual, and adds: "It always brings me buyers." Mr. Stevensen breeds Chester White hogs, Aberdeen Angus cattle and Barred Plymouth Rock chickens. He says: "I have a number of fine March and April Chesters of both sexes, sired by Dandy Boy 15269 (A.), he by the great sweepstakes boar, Prescott Boy 14239. The other pigs are sired by Prince I Am 15271, tracing to the great Chester White boar, Chester King 9007 (A.). If you want Angus bulls or females write me for prices. I propose to give a reduction in prices for the next thirty days. If I mistake not, no breeder can give better prices, and no breeder will treat you fairer. If in need of anything in my line don't fail to sit down and write for prices." See his advertisement on page 41.

Mr. J. B. McAllister, of Palo, Iowa, whose advertisements appear on pages 45 and 13 of this issue, writes: "Please state that inquiries and orders are coming in fast for my Poland China hogs and Barred Plymouth Rock cockerels which I am advertising for sale in your paper. As I expect to remove to South Dakota in the spring, I am offering the choicest of my fine gilts for sale, also a part of my fine brood sows, which will be bred to H's T. C.'s U. S. my great herd boar. His sire is the great T. C.'s U. S., bred by Mr. T. C. Robinson. His dam, Beauty, is bred by Mr. J. W. Williams, of Cisco, Ill. His grand sire, Bigger Lad, is bred by Mr. Jacob Grassman, of Lanark, Ill. He is a very broad-shouldered, deep-shouldered hog, great in length and depth of body, very large bone and as active as a pig, a sure breeder. Jet black in color, with white feet. As I will remove to South Dakota in the spring I am offering him for sale at the bargain price of \$40 and he is dirt cheap. He could be made to weigh 600 pounds if fitted for the show ring. I will ship this fellow subject to approval, and if not just as I say, he may be returned and money will be refunded. I have a few nice young boars sired by him that will weigh around 175 pounds each that I am offering at \$20. The Barred Plymouth Rocks I am offering are of the pure Eclipse strain which have been winners at the great Chicago and Milwaukee poultry shows for years. They are finely barred in all sections. I am prepared to mate up pairs and trios,



EXACT WEIGHT

Everybody gets it always who uses the ball-bearing, perfect balancing

Howe Standard Scales

You are buying one for all. Why get an inferior or unknown scale? The Howe is in use everywhere. Costs no more than ordinary scales. Write for particulars.

HOWE SCALE CO., OF ILL.
50-52 Lake Street, Chicago, Ill.

or pens, and my prices are very low for such fine stock. If in need of a fine gilt, tried brood sow or a nice young boar, or Barred Plymouth Rock of either sex, write me and I will treat you right."

Mr. V. C. Atwell, of Little Sioux, Iowa, has four registered Hereford bulls, ranging in age from thirteen to eighteen months, which he is offering for sale in his advertisement on page 37 of this issue of The Homestead. These bulls are sired by Hesiod 29th. Write Mr. Atwell for description and prices.

Mr. M. R. Hubbard, of Idana, Kan., is offering a stock farm of 321 acres for sale in an advertisement that appears on page 24 of this issue. There is an eight-room house, frame barn, cattle sheds, corn cribs, large grove, orchard, and the best of water. For prices and terms, read the advertisement and write Mr. Hubbard.

Mr. F. L. Morse, of Floyd, Iowa, in furnishing copy for his advertisement found on page 13 of this issue, writes: "The cockerels that I am offering for sale are of the choicest breeding and are all fine, well-marked fellows, but as I am crowded for room will make bargain prices on them for the next thirty days. Satisfaction guaranteed. No inferior birds shipped at any price."

Mr. Bert Fry, of Plainfield, Iowa, writes: "I have some extra good fall Poland China yearlings weighing 300 to 400 pounds, with from seven and one-half to ten-inch bone in smallest part of hind leg. They are sired by a son of old Chief Perfection 2d. I will also sell one of my herd boars after December 10th. He is as good a breeder and show hog as the best. He weighs 550 pounds and was two years old last spring. Any breeder looking for something good should come and see them. Free livery to the farm and a good square deal to all or money refunded. Everything is in good health and guaranteed." See advertisement on page 45.

Mr. J. T. Scarff, breeder of Chester White swine, of Salem, Iowa, whose advertisement will be found on page 42 of this issue, writes: "I must say that the sales of the past few weeks have been exceptionally good. During the last week I sold seven fine gilts to Mr. W. S. Thomas, of Mt. Pleasant, Iowa, who made his own selection; one male to Mr. W. S. Lindsley, of Pella, Iowa; one to Mr. G. T. Richie, of Barnes, Neb., and one to Mr. C. W. Ronberg, of Red Oak, Iowa, and the following letters show how well pleased Mr. Ronberg was: 'Mr. J. T. Scarff: I received the pig all O. K. yesterday afternoon. He came to Red Oak at 2 o'clock p. m. I am more than satisfied. He is just the kind of a pig I wanted. He was a little gaunt from his long ride, but he is over that today. I am well pleased. Many thanks for all your trouble.' I wish to announce that there are others left just as good, but they are going out very fast. I also have a few exceptionally fine gilts left."

ATTENTION!

Strict attention should be given to the advertisement of Dr. Auld, Dept. 11, 80 Dearborn St., Chicago.

RAY'S POLAND CHINA BOARS.

Messrs. Wm. Ray & Son, of Defiance, Iowa, are offering a bunch of twenty spring boars for sale, and in order to make room will make the low price of \$20 and \$25 for the pick of the bunch. These are sired by Dakota Chief 2d, a son of the famous old Dakota Chief, and Perfection Grand, a son of the sweepstakes boar, Grand Chief Tecumseh 2d. If you want one of these you will have to hurry your order. Write them at once.

JANSSEN'S CHESTER WHITES.

On page 37 of this week's Homestead will be found the advertisement of Mr. J. M. Janssen, of Sibley, Iowa, one of our old-time Chester White advertisers. Mr. Janssen says he has fifteen good boars ready for the trade and will now receive orders for gilts bred or open. He also offers a matured brood sow for sale, bred to farrow in March. If you want a boar or a sow, and in fact anything in the Chester White line, Mr. Janssen can furnish it. Write him at once and mention The Homestead.

FINE POLANDS, MEDIUM PRICES.

Those looking for first-class Poland China boars will do well to write to Mr. Harry R. Smith, Maynard, Iowa. An inspection of his herd will convince you that Mr. Smith has some of the finest. The blood lines are the best and the conditions under which the herd is kept insures all that is desirable in the pig that is to be a future sire. The advertisement is on page 45. It speaks for itself. You can be assured of the best kind of treatment, whether you write or call. Kindly bear this notice in mind and mention The Homestead when writing.

A GOOD YEARLING Duroc MALE.

Messrs. W. M. Sells & Sons, of Indianola, Iowa, are offering an extra good yearling son of Top Notcher Again out of Nell A., the sweepstakes sow at Iowa State Fair in 1904. It should be remembered that Top Notcher again was first prize boar at the Illinois and Indiana State Fairs in 1904, and fifth at the St. Louis Exposition. This yearling is of good size, has extra heavy bone, good on feet and has an extra good heart girth and strong back. He will do any man good and will be priced right. See advertisement on page 37.

SOME CHOICE POLAND CHINA BOARS FOR SALE.

Mr. Charles W. Phillips, of New Sharon, Iowa, whose announcement appears in The Homestead constantly, has now on hand fifteen April and May farrowed Poland China boars, among which are some most excellent ones, any and all of which he is pricing to the trade at attractive prices. They are mostly sired by that grand good boar, On Exhibition, a son of Exhibition, and he by G's Perfection. Mr. Phillips is one of the careful, painstaking breeders who usually have some good practical stock for sale. While his trade has been good this fall he still has the above number of Poland China boars ready for service that he would like to dispose of during the next thirty days in order that he may devote more time and attention to the forty sows and gilts he is breeding to put in his February brood sow sale. Mr. Phillips' announcement may be found on page 45 at all times. A trifle later in the season he will have something to say of the very superior lot of Black Langshan chickens that he has raised this

ATTENTION, BOYS!



Would you like to own a knife like that? It would make the other kids' eyes stand out, wouldn't it now? Well! you can have a knife just like it for nothing, no money, not a cent, just a few minutes' work—easy work at that. No woodpile business in this! It's just dead easy. Write us a post card, a letter, any old thing; but give us your full name and address and tell us you want to earn the PRESS BUTTON KNIFE. That's all you need say. We'll send you full particulars as soon as we receive it. It's a cinch you earn the knife the same day you get our letter. Address,

Boys' Department, THE HOMESTEAD, Des Moines, Iowa.

year from his prize-winning, high-scoring pens.

SOME GOOD POLAND CHINA BOARS.

We desire to call the attention of Homestead readers to the advertisement of Mr. John Schmieder, of Remsen, Iowa, who is offering a splendid bunch of Poland China boars for sale. These are sired by Winning Perfection and Keep On 3d. They have lots of size and plenty of bone, and he is selling the choice for \$30 and \$35. Mr. Schmieder is a good hog man and we will say to any of our readers who want a boar that they will get just what they order. Write him at once and you can depend on it that he will treat you right and will send you a good pig.

EDMONDS, SHADE & CO'S HEREFORDS AT THE INTERNATIONAL.

The offering of Herefords made by Messrs. Edmonds, Shade & Co. at the International, promises to be as good as there will be in that great sale, on December 6th. Some of their offering have been winners at the best fairs this year and go into the sale in prime condition. The yearling bull, Sir Edward, was second in the Iowa special at the Iowa State Fair, first in class and first at the head of young herd, Interstate Fair, Sioux City. Passport Prize was first in the Iowa special at Des Moines and first at the Interstate Fair, Sioux City. Lady Albany was first and champion Iowa special at Des Moines, first in class and sweepstakes over all ages at Interstate Fair, Sioux City.

MAMMOTH JACKS FOR SALE.

When good spans of mules are selling at from \$300 to \$700 per span, as is the case at present, farmers are beginning to pay more attention to the breeding of mules. To secure the right sort of jacks has been the perplexing problem. Mr. John Henry, of Fairfax, Iowa, has made this an easy proposition. He has returned from Missouri after visiting the best jack breeding establishments, with eleven splendid animals of the variety, doubtless, that Absalom rode, of which we read in the scripture. These jacks of Mr. Henry's are low-down, heavy-boned fellows, with very large feet and large, long ears, all of which indicate that they will breed large. He is pricing these jacks very reasonable for jacks of this character. His jacks are all prompt, quick servers on mares, having been reared with horses for companions. It insures keen and willing jacks when desired to produce mules with. Mr. Henry will demonstrate all of this to

prospective buyers. His jacks in 1905 were nearly all sold to our readers, who are well pleased. Fairfax is eight miles from Cedar Rapids, Iowa, on the C. & N. W. and Milwaukee railroads.

WELL BORING MACHINES.

We wish to introduce our readers to the Powers Boring Machine. There are a number of highly desirable features in the construction of this machine. The team walks around the platform, through which the tools and auger work. This lessens the waste of power, which makes boring easy. Being strongly constructed, it is possible to do rapid work. The hardest kind of soil may be cut through, making it very feasible to do drilling where frost is to be encountered. Being mounted, the machine is easily moved from place to place. On page 24 will be found an advertisement of this company. Write for a catalog to Lisle Manufacturing Company, Clarinda, Iowa. Acquaint yourself with this firm, as they are prepared to do you good. Kindly mention The Homestead when writing.

PEEK & PUTNAM'S DUROCS.

The sale of Duroc Jersey bred sows to be offered January 23d by Messrs. Peek & Putnam, of Tecumseh, Neb., will indeed attract the attention of the breeders of that class of hogs in Nebraska. They have been breeding hogs for quite a number of years and during that time have built up one of the best herds in that part of the state. In fact there are few places in the state that one could find a larger combination of good breeding than they could at this herd. These gentlemen have just shipped in from Illinois three very promising young boars of the choicest breeding that they were able to find. One of them is a Hanley boar pig out of Jessie Bartlett and he is a pig that is very good in every respect. They also bought the young boar, Beautiful Joe, by Big I Am, and a son of Tip Top Notcher. At the head of the herd is Crimson Jim by Crimson Jack by Crimson Wonder. He is a large, heavy-boned fellow for his age and a show boar in every respect. Mr. Putnam was the buyer of a fine pig at the A. A. Wilson sale at \$230. This pig is by Morrison's Bell Top and having for his dam D. Yerta, a granddaughter of Tip Top Notcher. In this sale will be two of the best Ohio Chief sows that we have had the pleasure of seeing this year and should be sought for by leading breeders. There will also be three daughters of Tip Top Notcher in this sale. With this great

combination of breeding to be offered we feel confident that whatever you are in search for in the Duroc hog line you will be able to find in this sale.

THE ONLY HOG WATERER.

On page 23 of this issue will be found the advertisement of the Only Hog Waterer. The notable thing about this hog waterer is that it solves the problem of watering hogs in winter. The manufacturers claim that it is not affected by cold, even at 40 degrees below zero. This being true, it must be apparent to all swine breeders that in this hog waterer a long-felt need will be supplied, because since the world began men have wrestled with the problem of watering hogs in cold weather. In an early issue of this paper we will illustrate just how it is that this waterer is just as useful in cold weather as in summer. It is made by the Only Manufacturing Company, of Hawarden, Iowa. Send for descriptive catalog and prices and mention The Homestead when you write.

THE ARDMORE SELLS SUPERBUS AT THE INTERNATIONAL.

The Ardmore Stock Company, of Holstein, Iowa, have decided to sell their great young bull, Superbus, in the International sale at Chicago on December 5th. This great two-year-old son of Imp. Scottish Pride is really one of the great young bulls of the year. He is a Cruickshank Secret, a low-down, wide-out fellow, with a wide, spreading rib and a deep-quartered fellow. He has been a winner at the International and the leading state fairs and is one of the decidedly good things in that Chicago sale. They also sell a good Scotch cow, Mina Lass, in the same sale and she will be safe in calf to this great young bull, Superbus. Prospective bull buyers at the International should look this bull over, also the cow, as they are both bred in the purple and are good enough to go into any herd.

SPECIAL POLAND CHINA OFFER.

Many of our readers will find what they are looking for in the herd of Mr. W. G. Arnold, Strawberry Point, Iowa, who starts an advertisement in this issue on page 37. Mr. Arnold believes in breeding the best and then giving them the best kind of care. He does not believe in pampering, but has great big, healthy, strong-boned boars that will make good wherever placed. Many of them have the making of show material. They develop into large forms, 800 and 1,000 pounds. The sows are very prolific and produce large litters regularly. The gilts that are offered have been raised from these sows. Among this number are some beautiful types and whether these pigs are taken up for a show or breeding herd they can be depended on. Mr. Arnold has had a large amount of building to do this fall and has not gotten around to place his herd before the public sooner than this. His home trade is strong and the best one's will go fast. Write for prices and descriptions, mentioning The Homestead when so doing. See the advertisement for breeding.

NORTON'S CRUICKSHANK BULLS.

We desire to call the attention of Short-horn breeders to the noted Cruickshank herd of Mr. C. E. Norton, of Corning, Iowa. There is not a herd in this country today that can boast of more of the blood of the famous sage of Sittytown than will be found in the Norton herd. He has some great herd heading propositions to offer now, and they are exceptional, both in point of breeding and individual merit. Possibly the best of these is the two-year-old bull, Sultan, by Imp. Bapton Admiral out of Souvenir by Imp. Salamis. He is a Cruickshank Secret and we want to go on record as saying that this bull is good enough to head any herd in America. He should be seen to be appreciated. Another good bull is the yearling called Cinch. He is a son of Banker's Victor and out of Sweet Charity 7th by Imp. Salamis. This is another low-down, wide-out fellow and he is indeed a good one. Both of these bulls are red in color and the man who is looking for a herd bull will go a long way before he will find their equal, both in breeding and individual worth. He also has a couple of good Duchesses of Gloster bulls that he would price, but he would rather that the man would come and see them in person. If you want a herd bull, you can't beat them. Write Mr. Norton or go and see them.

JONES' NATIONAL SCHOOL OF AUCTIONEERING AND ORATORY.

In this day and age of advancement where improved methods are necessary to compete with the keen competition that is extant, it behooves those who are contemplating a course of instruction in auctioneering to decide on the very best school of instruction. The pioneer school in this line and the one best equipped in all its branches, is Jones' National School at 231 Ashland Boulevard, Chicago. Col. Carey M. Jones, the president, is himself one of the leading live stock auctioneers of America. His business covers seventeen states and Canada and is constantly growing. The school has recently been removed from Davenport, Iowa, where it was originally located, on account of securing better equipment. The very best instructors that money will procure are employed by President Jones. The high class of this institution with its practical instructions and high moral character are some of the principal features to recommend to the thoughtful young man who contemplates a course in this line. The school is having a phenomenal growth since its change of location, and now since the instructors are all employed by the year, instead of on fixed dates as heretofore, students may enter at any time. However, the next regular term opens December 10th. We can heartily recommend this school to any and all as being high class in every respect, every instructor being a practical demonstrator in his or her particular line. The new arrangement for boarding and rooming the students at a nominal cost is one of the main features since moving to Chicago. The writer has from time to time conversed with students who have graduated at the Jones National School, and without exception finds them highly pleased with their course of instruction, and with the treatment of the management as well. They all commend the school very highly on the high moral character and high sense of manhood that is inculcated by the instructors. We cannot say too much in praise of the Jones National School. Being personally acquainted

with Colonel Jones since boyhood, we know whereof we speak when recommending this school to our readers. Many a young man has secured instruction with beneficial results by attending this school, that has enabled him to earn two or three times the salary that he could otherwise have earned had it not been for this judicious training. December 10th will be a good time for new students to enter at the commencement of the term, particularly farmers' boys, who will then be through corn husking and will have a few months' leisure. Don't put the matter off, but write today for a catalog to Jones' National School of Auctioneering and Oratory, 231 Ashland Boulevard, Chicago.

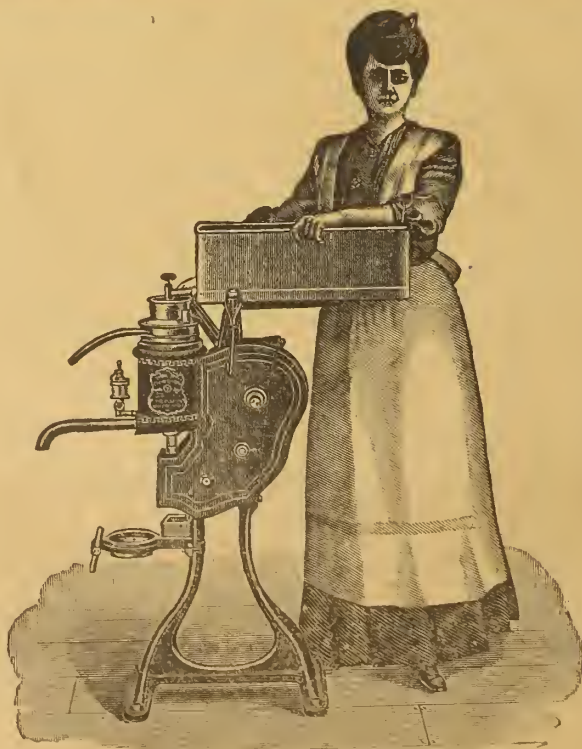
BRIGGS SELLS, FEBRUARY 20TH.

Mr. S. P. Briggs, of Seward, Neb., informs us that he will hold his annual brood sow sale February 20th and we can say after a careful inspection of this herd that Mr. Briggs has some good ones on hand for the boys in the spring. Mr. Briggs held his first annual sale of Duroc bred sows last February and made a neat little average of \$55, so you may know from this that the quality and breeding shown in this herd is among the very best. While not a veteran in the business, he has demonstrated very clearly that he has some knowledge of individually and how to mate this kind of a hog to produce the best results. At the head of this herd is Fashion's Improver, a son of old Improver II. and one of the very best boars that this grand old sire ever produced. He was good enough to win third prize in the yearling class at Nebraska State Fair in 1905, and was only in good breeding condition. He is assisted by Seward's Orion, a son of old Gold Dust Orion, which was certainly a good producer. This hog won second prize in senior yearling class at the Nebraska State Fair this year and was pronounced by many good judges to be a good one. There will be forty head of richly-bred sows in this sale and mostly hred to these two great boars. Remember his date and arrange to attend this sale, as he can surely suit you.

T. A. BALDWIN'S SHORT-HORN SALE.

On Thursday, December 13, 1906, Mr. T. A. Baldwin, of Emmetsburg, Iowa, will sell at his farm near town, about forty head of Short-horn cattle, including his imported Scotch bull, Grand View Chief 244020, his imported cow, Primrose 6th, and her daughter, Jasmine of Orchard Farm 5th. There will also be a splendid lot of well Scotch-topped cattle, including two daughters of that grand old show and breeding bull, St. Valentine, and this is one of the last chances breeders will have to secure some of his get. Imp. Primrose 6th is a six-year-old red cow, a good individual and a good breeder. She was bred by Mr. John Cran, of Keith, Scotland, was imported by Mr. Geo. Isaac, of Romanton, Ontario, and finally became the property of Mr. Baldwin. She is safe in calf to Morning View Lad, a richly-bred Cruickshank Victoria bull, and is one of the decided attractions of the sale. She will also have a two-year-old heifer in the sale, sired by his herd bull, Grand View Chief. Another very choice cow that will be included in the sale is Warden Dove, a daughter of the great St. Valentine. She was said to be one of the best helpers in the famous Chicago sale of Mr. Geo. Ward. She is a full sister to Warden Dove 2d, the show heifer that sold in the Geo. Ward closing out sale for \$600. Valentine Princess is another daughter of St. Valentine. She was the last thing ever sired by that famous old sire. She will be right at calving on sale day. There will also be several granddaughters of St. Valentine in the sale. There will

be ten cows with calves at foot and a great many will be right at calving at sale time. There is not a female going into the sale that has not had a calf within the last twelve months, so that buyers may rest assured that there will not be any worn out or barren animals in the sale. The cattle will be



The United States Cream Separators have been on the market for a long time. Truthful, independent, impartial and unprejudiced investigations have been conducted. A summary of the results are "a well constructed, convenient, durable machine," "a close skimmer; runs easily." "None skimmed closer than the United States." "Satisfactory in every respect." These are from widely separated places under a great variety of conditions. The same conclusions are duplicated again and again. The results are uniform. If one is satisfied, all must be. The substance of the whole matter is that the United States Separator is concentrated efficiency, simplicity and durability. They have distributing warehouses in all the large cities. Address all letters of inquiry to the Vermont Farm Machine Company, Bellows Falls, Vermont.

I CURE CANCER

My Mild Combination Treatment is not a NEW Remedy. It has the Experience of Years Back of it.

I have spent my entire professional life in the treatment of Cancer. I have so perfected my Mild Combination Treatment that it is free from pain. It quickly destroys the deadly Cancerous growth and at the same time eliminates it from the system, thus preventing a return of the disease.

My Mild Combination Treatment has removed Cancer from the list of deadly fatal diseases and placed it among the curable. This is especially gratifying when it is known that Cancer is increasing at an alarming rate, the disease having quadrupled itself in the last 40 years, statistics showing that it alone causes 100,000 deaths yearly in the United States.

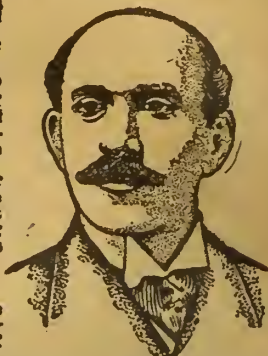
THE KNIFE DOES NOT CURE.

Any doctor who uses a surgeon's knife in an attempt to cure Cancer is performing an act little short of criminal. The patient suffers untold agony, and after a short time finds himself in worse condition than before the knife was used.

Operations are not only unnecessary in giving relief for Cancer, but they produce most serious after-results. It is utterly impossible to know when all the diseased cells have been removed for the reason that the blood flowing from the fresh wound prevents the surgeon from determining the result of the operation. If you value your life, avoid the knife.

PAINFUL TREATMENT UNNECESSARY

There is no necessity for the patient, already weak from suffering, enduring the intense pain caused by the application of caustics, burning plasters, fiery poultices, etc. I have cured many hundreds of the most advanced cases of Cancer by my Mild Combination Treatment without giving the patient pain or inconvenience.



CURED CANCER ON NOSE AND HEAD

I had a very bad Cancer on my nose, and nothing seemed to help me. X-Ray treatment only made me worse. Three weeks of your treatment cured me. My only regret is lack of words to express my heart-felt thanks. Skin is now soft and smooth. I hope all cancer sufferers will read this and apply to you. Mrs. Blenhor, of my town, whom you treated, is well. H. W. W. BELL, Crete, Neb.

CANCER OF STOMACH CURED

After four doctors had given up my wife, who had cancer of the stomach, I immediately sent for your treatment. You cured her, and now, after nine months, she is as well as a fish in water. I would advise all sufferers from cancer to write you. You can certainly cure this dreaded disease. O. K. KIND AND WIFE, Holstein, Iowa.

CANCER OF BREAST, FOUR YEARS STANDING, CURED IN A FEW WEEKS

I inform you, with great pleasure, that I am now cured of a very bad Cancer in the Breast of four years standing. Four doctors, two of them specialists, gave me no relief and I was badly disheartened. I tried your Mild Combination Treatment and it did what you claim. I know you can cure Cancer for you cured my mother also. Mrs. C. W. SMITH, Yates Center, Kan.

CANCER OF THE LOWER LIP CURED IN A FEW DAYS

I suffered two years from cancer of lower lip. Tried everything. You cured me. I was discouraged for a long time, but when you cured Mr. Donnell, our postmaster, I decided you could cure me. You undoubtedly know your business. My advice to sufferers is to not wait, but commence your treatment at once. J. M. RATHMEL, Waverly, Kans.

YOU CAN BE CURED AT HOME

I have so perfected my Mild Combination Treatment that patients may use it at their home with as good results as though it were applied at my offices. I will gladly furnish to every sufferer positive and indisputable proofs that my treatment does cure Cancer. I will furnish ample evidence of my integrity, honesty and financial and professional ability. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—write for my book, "Cancer and Its Cure." It will cost you nothing and will tell you how you can be cured at home. Address,

DR. O. A. JOHNSON, 1233 Grand Ave., Suite 822, Kansas City, Mo.

Have you a friend suffering from Cancer? Do him a favor he'll never forget by sending him this ad.

LOFTIS SYSTEM ON CREDIT

Diamonds

For Christmas Presents.

The Merry X'mas time draws near, and with it comes thoughts and plans for bringing happiness to our dear ones by a loving remembrance.

The Loftis System at X'mas Time is a great convenience to thousands. It enables persons in all circumstances to make beautiful and appropriate Christmas Presents with a small cash outlay. Why give a cheap, ordinary Present, when with five or ten Dollars for a first payment you can give a beautiful Diamond or Watch. Think of this carefully and write today for our Big X'mas Catalog and let us explain in detail the Loftis System.

Our Big Christmas Catalog is replete with 1000 illustrations of beautiful Jewelry suggestions for Christmas Presents, taken from our enormous Christmas stock. Send for a copy today.

Select the article you desire and we will send it to you subject to examination and approval. You are perfectly free to purchase or not, we take all risks, and pay all express charges. Upon careful examination it meets with your approval, retain the article paying one fifth the purchase price on delivery, balance in eight equal monthly payments. Send today for our Special Christmas Catalog.

Do Your Christmas Shopping Now conveniently and leisurely in the privacy of your own home. Don't wait until the Christmas rush is on. Now is the time to make first and choice selections. Write Today for Catalog.

LOFTIS BROS. & CO. ESTD 1852
Diamond Cutters
Watchmakers, Jewelers
Dept. F199 92 State St.
CHICAGO, ILL., U. S. A.

in good breeding condition, and are a useful and well-bred lot of Short-horns. There is not a better place in the state to buy Short-horns than in northern Iowa, and we do not hesitate to say to those who are looking for bargains to be sure to attend the Baldwin sale. Besides the herd bull, there will be about ten head of young bulls, all sired by Grand View Chief. Write for catalog at once and be kind enough to mention The Homestead.

S. J. MILLER'S PERCHERONS, COACHERS AND JACKS.

Mr. S. J. Miller, of Kirksville, Mo., the importer of Percherons and coachers, writes that he has never had an importation of horses do better than has the present importation that are now in his barns. Mr. Miller has had several visitors at the barns who have visited many importers and all have said that they have never seen such an array of coming threes and fours as he brought over this year. Mr. Miller paid particular attention to scale, yet quality was an all important factor in all his purchases. Good colors were also looked after and nearly all are blacks, with a few dark grays.

Mr. Miller has never asked high prices for his stallions, preferring to make quick sales and at a reasonable margin of profit. By this policy Mr. Miller has held his older customers, they in turn have recommended his horses to prospective purchasers and he again this year will continue to sell at live and let live prices. Mr. Miller, while not making a specialty of jacks and jennets, has on hand and for sale some first-class mammoth jacks that must be seen to be appreciated. Among these is one that is pronounced by competent jack men as one of the best jacks in Missouri. Mr. Miller's advertisement will be found on page 42. He requests that you write him, telling what you want. Pictures of the horses will also be sent on request.

LAST CALL FOR MONTEZUMA, IOWA, POLAND SALE.

Among the Poland China sales that will be worthy of the attention of good swine breeders is the joint sale of Messrs. E. F. Saunders and F. E. Terrell & Son, to be held next week, December 4th, at Montezuma. Sale begins promptly at 1 o'clock in the feed barn within a minute's walk from the depot. Those coming by train will find it possible to make good connections. Trains arrive from the north in the morning and from the south at noon. Buyers should find in this offering something to suit their tastes. The care and management has been good; health and vigor has been sought. A large part of the offering is sired by Jones' Wouder 105223, a half brother to the hog that won second at the state fair this fall. This hog is a big fellow, with good, dense bone and his pigs show it. The other sire responsible for a large part of the offering is Black Chief 93297, sired by Dakota Chief 42721, he by Chief Tecumseh 2d 14579. On the dam's side these pigs carry considerable Wilkes blood, tracing back to Hattie Wilkes 111164. The offering is what breeders are looking for. Boars and gilts are of nice length and up on their toes. Terms are liberal and parties from a distance will be cared for. Remember the date and place it on your lists. The forty sows and ten boars offered will insure you a choice. The advertisement will be found on page 41.

AUCTION OF HIGH-CLASS SHORT-HORNS AT HOLDREGE, NEB., DEC. 16TH.

Messrs. F. M. Marshall, of Blackwater, Mo., and G. C. & R. H. Wilkinson, of Edinburg, Ill., furnish the cattle for this auction, and about equal numbers from each herd. As is set forth in the advertisement, the bulls include both straight Scotch and pure Bates, but the females are largely pure Bates and Scotch topped. We will have something to say next week with reference to the Wilkinson consignment, and in regard to Mr. Marshall's cattle those who have seen them say that his offering is better than that which he sold publicly under adverse conditions last June at his farm in Missouri, for an average of \$170. Mr. Marshall writes: "I am consigning sixteen females and nine bulls in the Holdrege, Neb., sale, December 15th. The bulls are the best that have been offered from the Blackwater herd, either publicly or privately, and I feel that they are the best lot that have been offered in Nebraska this year. Among the Bates bulls it is quite likely that Grand Wild Eyes will be the favorite. He is a roan, descending from the celebrated Vaile Wild Eyes tribe, and is a bull of wonderful fleshing qualities standing on the shortest of legs with good top and bottom lines and extra good in the twist, with great loin, flank and shoulders and a better handler is rarely found. I believe he will make a strong show next year as to two-year-old. Wild Eyes Duke 7th, of same family, is a red of splendid character, having the best head and horn I ever saw on a yearling and is uniformly good throughout his conformation. Kirklevington Duke 4th, while much younger, is just right to show

TOO LATE TO CLASSIFY.

20 BOARS. POLANDS. 40 SOWS. CAREFULLY culled and well bred. Five March boars that will make herd heads, sired by High Looker, a World's Fair winner, and Justice by Corcorator. Large prolific litters. My pigs will make 800 to 1,000 lbs. at maturity. Write for prices or call. Special offer. M. G. Arnold, Strawberry Point, Iowa.

PRAIRIE VIEW HERD POLAND CHINAS 20 GROWTHY, heavy-boned March and April boars and gilts, sired by S. B's Choice 106849; also yearling sows and herd boar. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. & St. P. or C. R. I. & P. J. D. Vorhees, R. 5, Charles City, Iowa

Pleasant Grove Herd Chester Whites.

15 Fine boars for sale, and some choice gilts, bred or open. Also one good aged sow bred to farrow in March. Prices reasonable.

J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa.

PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys.

OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow sale will be Jan. 23, 1907. Write us and find out what we have to offer.

POLAND China boars and gilts, April and May farrow, by Baron Komura 103253, he by Chief Perfection 2d; dams grand-daughters of Old Chief Tecumseh 2d and Wilkes and Black U. S. blood; also a farm of 180 A., well improved. G. G. Spier, Ridgeway, Mo.

TO EXCHANGE: TWO registered draft and one standard bred stallion and 50 head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 148, Independence, Iowa.

RIVERSIDE HEREFORDS.

4 REGISTERED BULLS from 13 to 18 months old, sired by Hesold 29. Write me. V. C. Atwell, Little Sioux, Iowa.

IMPROVED CHESTER WHITES For sale out of State Fair Winners. John H. Krehbiel, Donnellson, Iowa.

CRESCENT Herd Chester Whites. March and April pigs for sale; heavy bone and very lengthy. V. A. LATHROP, MARION, IOWA.

SHEEP.

20 REGISTERED Shropshire ewes, \$20 to \$35 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

FOR SALE—An extra good Duroc yearling boar by Top Notcher Again out of Nell A. sweepstakes sow. State Fair '04. W. M. Sells & Sons, Indianapolis, Ia.

CLOSING OUT SALE OF REGISTERED

PERCHERON STALLIONS AND MARES

To Be Held at My Farm Six and One-half Miles Southwest of

Perry, Iowa, Wednesday, December 19, 1906

21 HEAD

8 very choice Stallions ranging in age from yearlings up.

12 head Mares and Colts. 1 Shetland Pony.



The mares range in age from yearlings up. Ten of them will be bred and safe in foal to the great prize winning stallion Narcisse, (42440) 21992.

There will Be Some Splendidly Matched Teams of Registered Percheron Mares in This Sale.

42 Head of Cattle: 2 registered Short-Horn Cows, 2 registered Short-Horn Bulls, 18 grade Steers, yearlings and two year-olds, 20 grade Cows & Heifers

Col. Griff Johnson, Auct.
Howard Rousch, Clerk.

J. R. Mills & Son, Perry, Iowa

next year as a junior yearling and I think is the making of the best bull of the offering, if he develops as he is starting. He is a full brother to Kirklevington Duke 3d that was sold at the Blackwater sale in June to Mr. E. N. Manly, of Lyons, Neb., for \$390. Filbert's Baron is just turning two years old. Bates breeders that need a good herd bull cannot afford to miss looking this one over. Along with his half brothers, all of these Bates bulls being sired by Barrington Duke of Blackwater that sold for \$600 in my last June sale. I also catalog Bates bulls by Grand Duke 195175, second-prize bull at the American Royal in 1905." We shall have more to say next week concerning the Scotch hells and the females from the herds of Mr. Marshall and Messrs. Wilkinson. Catalog can be obtained by addressing Mr. W. C. McGavock, of Springfield, Ill.

AUCTION OF SELECT SHORT-HORNS AT DAVID CITY, NEB.

In the auction which Sale Manager W. C. McGavock, of Springfield, Ill., will hold at David City, Neb., on Wednesday, December 12th, are included more tops than he has ever sold in one auction. The show cow, Mildred 12th, a thick, massive red six-year-old, possesses great style and finish, along with her scale and substance. It is likely that such a cow has not been auctioned in Nebraska. She is straight Scotch and her dam is a full sister to the dam of Pine Grove Mildred, the \$1,000 and highest priced cow sold in Col. F. O. Lowden's sale last June, where the highest average of the beef breeds within recent years was obtained. She will be sold with bull calf at foot by Rose King 248116 and rebred August 20th to Scottish Rohin, which latter bull was bred by Mr. I. M. Forbes from an imported Scotch dam, and sired by the famous hull, Imp. Cock Rohin. One of the plums of the sale is the two-year-old, Sybil of Riverdale. She is a show heifer and of the noted Scotch Secret family, and was sired by Scotch Robin, a hull of the same strain, that was bred by Mr. J. F. Prather and sired by Imp. Proud Robin. Her dam, Sihyl, was a winner in the C. C. Norton herd at the International Exposition in 1900, and her sire, and those of her first, second and third dams were respectively, Imp. Banker, Imp. Salamis, Imp. Prince Bishop and Imp. Lord Cardinal. It would be indeed difficult to find a better-bred one and it is the source from whence has come some great herd bulls. Another choice one from the Prather herd is Anoka Strathallan A., bred by Mr. Harding, and a granddaughter of the famous Whitehall Sultan. Scotch-topped females are also included, from the Riverdale herd and several of this offering are in calf to Imp. Highland Champion, one of the best sires of the breed. In the offering from the herd of Mr. Lewis A. Stookey, of Harristown, Ill., will be found a number of very symmetrical, grandly-finished cows, the major portion of which are Scotch topped and are in calf to or have calves at foot by Imp. Master Archer, an International Exposition prize winner and full brother to the F. O. Lowden stock bull, Ceremonious Archer, a champion and \$5,000 bull. Attractions in

the hull line are listed in the advertisement and herd headers are included that are good enough to head the best herds. The catalog will prove interesting and can be had on application to Mr. McGavock, and notes concerning the high-class hulls and other attractions will be given later.

A. H. BRETT SELLS SHORT-HORN CATTLE AND PERCHERON STALLIONS AND MARES.

On December 18th, at Mason City, Iowa, at the feed barns in the city, Mr. A. H. Brett, the well-known Short-horn breeder, will sell forty-eight head of select Short-horns from his Willow Lane herd, including sixteen straight Scotch females. The remainder are Scotch-topped. There are only two hulls in the offering, the remaining forty-six head being females largely of breeding age. About sixteen calves will be sold with cows. The offering is one of the best that Mr. Brett has made in recent years and will include the great cow, Imp. Likely, a half-sister to the \$12,000 Imp. Choice Goods, she being sired by Remus. Imp. Likely is listed as Lot 1 of the catalog. Lot 2 is a choicely-bred Mysie got by McDiarmid. This is one of the favorite families of Mr. Cruickshank and Mysie of Cloverdale 5th, cow in question, is a choice representative of the family. She was bred August 12th to the Scotch bull, Douglas. Lot 3, Serepta Lady, is a six-year-old cow of Cruickshank's famous Secret tribe. She was bred August 12th to Lord Champion. A choicely-bred Butterfly will be found in Lot 4, a six-year-old cow by Barmpton Prince. She is out of Butterfly of Wildwood by Golden Victor. She has a beautiful cow calf at foot by Hampton's Marshal, dropped September 23d. Lot 5, Rose of Ethel, is a choicely-bred Campbell Rosebud, or Rose of Aberdeen, family. She dropped a bull calf on September 23d by Baron Secret. Lot 6 is Miss Buckingham, a daughter of Lord Gloster. She traces to Imp. Airy Buckingham, bred by Mr. Amos Cruickshank himself. She was bred July 5th to the Mysie hull, McDiarmid. Lot 7 is Orange Bud 2d. This is a nicely-bred Orange Blossom five-year-old cow got by the Canada-bred bull, Victorious. She dropped a beautiful red cow calf April 23d by Golden King and was bred again May 25th to Gloster Baron. Lot 8, Gloster of Aberdeen, belongs to the famous Scotch family of Vain Maids, better known in American hands as Cherry of Aberdeen family. This is a nice Scotch cow, in calf to Hampton's Marshal. The catalog shows a nice line of breeding and while not all Scotch, there will be found a beautiful lot of Scotch-topped stuff that will doubtless go at prices that breeders can well afford to pay. Mr. Brett finds himself overwhelmed with stock for the winter and makes this sale to make room for the remaining stock on the farm. In addition to the Short-horn cattle to be sold, he will sell a choice line of Clydesdale and Percheron brood mares. There will be ten head of these mares, six Clydes, all in foal to an imported stallion; four Percheron mares in foal to an imported Percheron stallion; one splendid Percheron stud colt, also one select Clydes-

dale stud colt. For catalogs of this important sale address Mr. A. H. Brett, Mason City, Iowa.

H. S. DUNCAN & SONS' SHORT-HORN SALE.

At Clearfield, Iowa, Messrs. H. S. Duncan & Sons will hold one of the notable Short-horn sales of the season. Colonels Woods, Belows and Walker have been secured and they will begin operations at 1 o'clock on Friday, December 7th. It goes without saying that everyone of the 100 head offered will go under the auctioneer's hammer with no reservations. As long as people want stock it will be brought out. And there should be a ready demand for the offering. The breeding is good from first to last and there are about twenty head of pure Scotch cattle. The cows are a special attraction. A score of these have calves at their sides. Here is the place for the young breeder to pick up a pair that often goes for the price of one. A more satisfactory guarantee of a matron's breeding ability cannot be given. The young hulls are a sap-py, serviceable bunch and among such a number it should not be a difficult matter to make a selection to suit one's tastes. The splendid Cruickshank hull, Orange Gloster Baron 223327, has been used on this hard very successfully. The larger part of the young stuff is sired by this great hull. Many of the bred females are to his service. O. G. Baron is sired by King Gloster 155470 out of Nonpareil Orange Baroness by Nonpareil Prince 116882, tracing to Imp. Orange Blossom 18th. Clearfield is in the eastern part of Taylor county on the Burlington system. Write for a catalog and plan to get some of the bargains in this offering. Turn to page 38 for the advertisement and kindly mention The Homestead when writing.

SCOTCH SHORT-HORNS AT AUCTION.

On December 14th, at Mason City, Iowa, will occur the dispersion sale of Messrs. Marston Bros.' choice herd of Scotch and Scotch-topped Short-horn cattle. These cattle have been gathered together by Dr. Chas. L. Marston and his brother with the idea of perpetuating the herd of Short-horn cattle indefinitely; but conditions have arisen whereby the fine half section farm owned by these brothers near Mason City has been disposed of; hence this dispersion sale becomes a necessity. At dispersion sales there always occur opportunities to secure a class of cattle that the owners heretofore have refused to price; in fact, it is not the part of wisdom for any breeder to allow the choicer animals in his herd to be taken away under any circumstances while he proposes to continue the breeding of cattle. But when for any reason a dispersion sale is forced, then comes the opportunity for the choicest and best breeding matrons in the herd, as well as herd bulls, that would otherwise not be for sale, to go under the auctioneer's hammer at whatever price the public sees fit to place on them. It is the opinion of The Homestead that this sale will present one of the best opportunities presented in recent years to the farmers of northern Iowa and Minnesota to secure just the class of cattle above described. A goodly portion of the Marston cattle are Scotch of most royal breeding, including cows that have cost them from \$500 to \$600 and even more per head. These cows will not be dispersed along with the two herd bulls, both Scotch, whose breeding we shall give the particulars of in our next issue. In the meantime, catalogs are in the hands of the printer and will doubtless be ready for distribution by the time this article is read by Homestead readers. This catalog should be in the hands of every person interested in Short-horn cattle, whether they wish to purchase or not. They may be had by applying to Dr. Chas. L. Marston, Mason City, Iowa.

WEEK END RATES VIA M. & ST. L. R. R.

On Saturdays and Sundays the Minneapolis & St. Louis R. R. will sell round-trip excursion tickets, Des Moines to Waterville and Montgomery, Minn., at one fare plus \$2. Return limit seven days, including date of sale. Buy tickets at City Ticket Office, 512 Walnut St., or Union Station.

VERY LOW RATES TO INTERNATIONAL LIVE STOCK EXPOSITION, CHICAGO.

Via the North-Western Line. Excursion tickets will be sold December 1st to 5th, inclusive, with favorable return limits. Apply to agents Chicago & North-Western Ry.



A FARM WORTH INVESTIGATING.

Twelve miles from Kearney and five miles from two other stations in Buffalo county, Neb., is located one of the fine 480-acre farms of this region. Practically every foot of this land can be put under cultivation, as the surface is quite level and the soil is a rich deep black loam, with heavy clay subsoil. This fact, together with the climate, makes about ideal conditions for corn, alfalfa and wheat. Of this farm, three-fourths is under cultivation, the remainder in pasture. The improvements are all that could be desired. Fences enclose the different fields, while the farm building and house are modern in construction and substantial. In fact, Mr. W. H. Grassmeyer, the owner, whose address is Riverdale, Neb., had intended to make this farm a permanent home. However, his desire to educate the family of boys and girls made it necessary to seek a new location. The local school is a mile distant, while there are four churches of different denominations in the immediate neighborhood. Rural mail and telephone service is enjoyed. This farm is offered for \$60 per acre, on easy terms. For further information write to Mr. Grassmeyer for an illustrated booklet of the farm. Kindly refer to the advertisement on page 25 and mention this paper when writing.

Hughesdale Dual-Purpose Short-horns.

The name Hughesdale may not be familiar to Short-horn breeders in general, but many are aware of the fact that Mr. H. J. Hughes, of Trenton, Mo., who owns this beautiful breeding farm, is one of those breeders who has the interest of the Short-horn always uppermost in his mind. It was Mr. Hughes who entered the great cow, Rowena 2d, in the dual-purpose contest at the St. Louis World's Fair, and Hughesdale is today her home. The writer has on various occasions within the past two years visited at Hughesdale and we do not hesitate to say that great as Rowena 2d is, there are other cows here that compare favorably with her, are as great milkers and are cows of high individual merit. Mr. Hughes is known as one of the men who believes in the milking qualities of the Short-horn, believes in developing their milking qualities and is practicing what he preaches. Every cow which finds a permanent home at Hughesdale must demonstrate her ability to give a goodly amount of milk and at the same time she must be a cow of high individual excellence, a feeder and a producer. In order to carry out his plans to the fullest extent Mr. Hughes has established an up-to-date dairy, milks these Short-horn beauties, tests their milk both as to weight and as to the amount of butter fat. Each and every member of the herd has also been tested for tuberculosis by the state veterinarian and a certificate issued. This precaution was taken by Mr. Hughes that he might protect alike the people who buy the product of the herd, the milk, butter or the offspring therefrom. As to the breeding of this herd of dual-purpose Short-horns, much might be said, as Mr. Hughes realized from the start that he could only succeed in this corn and beef producing belt of America by breeding the kind that lay on a goodly amount of mellow flesh. As a result practically every member of the herd shows a goodly amount of Cruickshank blood, and some are pure Scotch, but in Mr. Hughes' herd, as in most every good herd in America, it is the combination of Cruickshank and Bates blood that produces the best individuals. At the head of the Hughesdale herd is found that grand show and breeding bull, Viscount of Anoka, that for three years was champion of America. He was got by a pure Cruickshank bull and was out of Viscountess of Anoka, said to be a cow that was a heavy milker, and she was a show cow in every sense of the word. She was got by Prince Victoria of Hickory Park and was out of Imp. Victoria 51st by Royal Duke of Gloster. Her next dam was Imp. Viscount, bred by Mr. A. Cruickshank and got by Lord Landsowne. Viscount of Anoka's bulls and heifers in Mr. Hughes' herd show his ability as a sire and they will be heard from in the future. Just now Mr. Hughes is offering some very desirable young bulls, one a yearling out of Rowena 2d, and got by Grand Lavender, a pure Scotch bull got by Grand Victor, the Cruickshank bull that sired so many of Mr. Geo. Bothwell's winners. The man who is looking for the dual-purpose sort should look to this youngster, as he comes from the greatest cow ever entered in a public contest for both milk and beef, and was got by a bull that sprung from ancestors that have great reputations both in America and Scotland. At thirteen months of age this young bull weighs 1,200 pounds and will make a 2,400-pound show bull. Clara 6th, a cow that has given over forty-one pounds of milk per day, is another of Mr. Hughes' good ones. She was got by Baron Bishop and out of a daughter of Imp. Chief Baron. Her young bull by Viscount of Anoka will be found desirable. Clara 7th, a daughter of Clara 6th, was got by the pure Scotch bull, Grand Lavender, that was got by Grand Victor and out of Imp. Sittytown Lavender. She has a six-months-old bull by the pure Scotch bull, Gloster Light, that was got by Lord Gloster. Another heavy-milking cow is Moonlight, a cow that produces forty pounds of milk per day. She was got by Spartan Chief and out of a daughter of Rosa's Prince 2d; dam a daughter of Master of the Mint. This is another of Mr. Hughes' 1,500-pound cows and a great producer. Her last calf, now past six months of age, is by Viscount of Anoka. Her bull calf before this one sold for \$300. A Young Mary cow got by Roan Champion is also one that Mr. Hughes classes among his heavy milkers. These are but a few of the many good things at Hughesdale and any of our readers who visit there will find that Mr. Hughes has paid particular attention to scale without losing sight of the quality. The young bulls from the herd are being priced worth the money and the man who is looking forward to the milking quality of his Short-horns will do well to get in touch with Mr. Hughes at once. The dairyman will also find here an opportunity to get bulls that will sire stock that he can put over the scales profitably or grow out for milking cows. The advertisement of the Hughesdale dual-purpose Short-horns will be found regularly in our Short-horn department, this week on page 45.

Healy's South Omaha Sale.

The "milking Short-horn," the cry that has been broadcast throughout the land the past few years, will rule the day at South Omaha, Neb., on Tuesday, December 11th, when Mr. O. M. Healy, Bedford, Iowa, and Mr. O. E. Osborn, Weston, Iowa, will sell forty-one head of Bates cattle. Mr. Healy is one of the pioneer breeders of Bates cattle, and notwithstanding the clamor for the Scotch of late years, he has nevertheless stuck to his first love, and he has on his farm today one of the best herds of the old reliable Bates that is to be found in the country. In this sale will be thirty-three head of straight Bates breeding. About fifteen of these belong to the celebrated Duncness tribe, the same family that made the record price for Short-horn cows, and it stands today and has never been beaten by any other family of Short-horns. The balance will be Wild Eyes, Kirklevingtons, Oxford and Barringtons. These tribes are among the most noted of the Bates families and some of the most noted show animals that ever lived belonged to these same tribes. Fourteen head in this sale are the get of Mr. Healy's former herd bull, Airdrie Duke of Hazelhurst. It is not out of place to call our readers attention to the fact that this same bull was the sire of Wild Eyes 61st, the cow that sold in the Bigler sale for \$3,040 and was the second highest priced

cow ever sold in the state. Breeders and farmers will therefore realize that when they make their selections in this sale that there is a long line of ancestry behind them that means something. Wild Eyes Winsome 19th as a nine-year-old daughter of Airdrie Duke of Hazelhurst and out of a daughter of the famous old bull, Peculated Wild Eyes. She is a straight Wild Eyes and has a heifer calf at foot by Duke of Wapsie 229370. Kirklevington Lady 5th is one of those Finley-bred Kirklevingtons; is eight years old and one of those broad-backed Bates cows. She is a most excellent breeder and has a splendid bull calf at foot, one that can be made a herd bull if properly cared for. Grand Duchess of Walnut Park 6th is an eight-year-old Duchess and a daughter of that famous bull, 2d Duke of Oaks 123663. She is a grand good cow and will have a bull calf at foot by Wapsie Grand Duke 9th. There are a great many that we could mention in detail, but we will say to our readers that it is the best lot of Bates cattle that has been sold in the West in many a day. The cows are those large, broad-backed kind, having good udders and are splendid milkers. In fact, they are the kind that always pay the way, either at the milk pail, or when you come to sell them for beef. Many of the cows will have calf at foot and others are right at their calving. There will be eleven bulls in the sale, including Duke of Wapsie 229370, weighing nearly 2,200 pounds. There will be other bulls in the sale that are fit to head herds, and every lover of a good Bates animal, "a milking Short-horn"—one that helps lift the mortgage off the farm—should come to this sale. Mr. Osborn will put in six head, one bull and five females. Some of these are Scotch-topped on the very best Bates foundations. There has never been a cleaner lot of Bates cattle sold in the West than will go through this sale. Write to Mr. O. M. Healy, of Bedford, Iowa, for catalog and please mention The Homestead.

Combination Sale of Herefords at South Omaha, January 8th and 9th.

Mr. W. N. Rogers, of McCook, Neb., wishes to announce through the columns of this paper that they will hold their next combination sale of Hereford cattle at South Omaha, Neb., January 8th and 9th. After a visit to this grand herd of white faces we feel confident in saying to our many readers that this will be an opportunity of a life time to secure good cattle of this breed. At this writing we are not informed as to just who all will consign cattle to these two sales, but by watching the field notes of this paper you will know at an early date. It will be remembered that the Shadeland Park Farm is the home of Monarch of Shadeland 3d, the 3,000-pound bull. Not only is he of mammoth size, but has much quality and has been a great factor in building this wonderful herd to one of the greatest in America. He was first and sweepstakes at Lincoln in 1903, first and sweepstakes at interstate fair at Sioux City, Iowa, 1904, and stood at the head of the sweepstakes beef herd, all breeds competing, at the same fair. This is also the home of the great Beau Donald 28th, the first and sweepstakes bull at Lincoln in 1902-04-05; first and sweepstakes at state exposition, Topeka, and state fair at Hutchinson, Kan., 1904, also at state fair, Pueblo, Colo., the same year. This great combination of breeding has proven second to none and the produce of these two bulls is just what Mr. Rogers has been trying to get together for many years. Remember the dates and if you are in the market for something good in the Hereford line it will pay you to attend this sale.

Dispersion Sale of James Burke's Short-horns.

On December 20th at the farm of Mr. James Burke near Stanwood, Iowa, will be dispersed his entire herd of Short-horn cattle. This is our initial notice to the farmers and Short-horn breeders of the middle West that here will be an opportunity to buy the pick and cream of Mr. Burke's herd which has heretofore never been offered to the public. There will be sold fifteen cows with calves at foot and twenty-nine of the females are of breeding age. The remainder are yearling heifers, some seven in number, and seven bulls, all reds, including the two herd bulls, Baron Taylor and Diamond King, both exceptionally thick, beefy bulls, the modern Short-horn type, and each possessed of a splendid breeding-looking head. Mr. Burke has been breeding Short-horns for many years, but now finds himself at that station in life where old age has wrought its effects and he can no longer give the business the proper care and attention that has been his custom in the past. He has now sought property and proposes to retire to a quiet life and sell these cattle to younger breeders who can give them the proper attention necessary to success. More particulars will appear in these columns from time to time; in the meantime it would be well to address Mr. James Burke, Stanwood, Iowa, for a catalog, which will doubtless be ready for distribution to our readers by the time this article is read. Note the quarter page announcement on page 46.

Mills & Son's Sale of Percheron and French Draft Stallions and Mares.

On Wednesday, December 19th, at the farm near Perry, Iowa, Messrs. J. R. Mills & Son will sell a very choice lot of Percheron and French Draft stallions and mares, and their sale will contain stallions and mares that will be a credit to any stud in the land. Mr. Mills, Sr., has been a breeder of draft horses for a great many years, and now that he is retiring from active business has decided to close out. There will be twenty head of Percheron horses in the sale, all registered in their respective stud books, and also having state certificates, thereby complying with the recent law enacted by the state of Iowa. The old stud horse, Narcisse 10976 (42440), imported by Mr. M. A. Dunham, and a prize winner in France, will be sold. This horse is a splendid breeder and many of his colts to be sold in the sale will convince everybody of this fact. There will be four stallions and six mares by him

40 SELECT 40 Short-horns

At Auction at Hall's
Salo Barn, David City,
Nebraska,

WEDNESDAY, DEC. 12TH.

The ten bulls include the Straight Scotch yearlings Gold-dust and U. S. A., and other desirable herd headers as well as useful farmers' bulls. The thirty females include the great Straight Scotch show cow Mildred 12th, whose dam is a full sister to the dam of Pine Grove Mildred, the \$1,000 and highest priced cow in Col. Lowden's sale last June; the Straight Scotch show heifer Sibyl of Riverdale; the great Hadding-bred heifer Anoka Strathallan A.; and numerous other tops, both Scotch and Scotch topped from the herds of S. E. Prather Co., Sherman, Ill.; Lewis Stookey, Harris-town, Ill.; Denby Bros., Carlinville, Ill.; A. H. Robertson & J. J. Littrell, Clark, Mo., and Gentry Bros., Sedalia, Mo. Show cattle of both sexes and several are by imported bulls and many females in calf to imported bulls. For catalog address,

W. C. McGavock, Sale Mgr.,
Springfield, Ill.
Col. T. C. Callahan and others, Auctioneers.

50 Great Auction 50 Of Straight Scotch, Pure Bates and Scotch Topped

Short-horns

AT SWEDBURG'S SALE STABLE,
HOLDREGE, NEB.,

SATURDAY, DEC. 15TH.

Sixteen bulls including herd headers for both Scotch and Bates breeders are cataloged, and the cows and heifers include as grand an array of the purest Bates blood and the choicest individuality as was ever offered in the West. Superb Scotch topped females are also profusely offered. The noted breeder F. M. Marshall, Blackwater, Mo., catalogs twenty-five head and it is a better offering than that upon which he realized an average of \$170.00 during the drouth in Missouri last June. C. C. & R. H. Wilkinson, Edinburg, Ill., extensive and reputable breeders, catalog twenty-seven head, largely of Bates breeding, but many of which are in calf to and some of the younger animals sired by the celebrated prize-winning Straight Scotch bull Scottish Stamp. For catalog address,

W. C. McGavock, Sale Mgr.,
Springfield, Ill.
Cols. T. C. Callahan, O. M. Swedburg, Aucts.

GREAT SHORT-HORN CATTLE SALE

100 PURE BRED SCOTCH AND SCOTCH TOPPED 100
GO UNDER AUCTION HAMMER TO HIGHEST BIDDER.

CLEARFIELD, IOWA, FRIDAY, DEC. 7, 1906, COMMENCING AT 1 P. M.

70 Cows and Heifers 17 Sappy.

20 with Calves by side. Serviceable Bulls

Twenty pure Scotch cattle in this sale. Calves sired by, and cows bred to the splendid Cruickshank bull, Orange Gloster Baron 223327. There will be bargains in this sale for you. Write for catalog.

H. S. DUNCAN & SONS, CLEARFIELD, IOWA.

Auctioneers: Cols. Woods, Bellows & Walker.

MISSOURI AUCTION SCHOOL

TRENTON, MISSOURI.

***** NEXT TERM OPENS JANUARY 1, 1907. *****

The only auction school in the world where students are given actual practice selling in bona fide sales. This school's first term had double the enrollment of any other school's first term. All branches of auctioneering, oratory and live stock judging taught by instructors of from five to thirty years' experience. We only require one-half of tuition down on entering school, the other half to be paid after you have made it out of the business. What could be more fair? Write for our large, 40-page illustrated catalog, which gives testimonials from our students in all parts of the United States.

W. B. CARPENTER, PRESIDENT.
President Missouri Auctioneers' Association.
President for State International
Auctioneers' Association.

COL. C. A. EWING, VICE PRESIDENT.
First President of International Auctioneers
Association. Twice President of Missouri
Auctioneers' Association.

in the sale. Constant 15086 is a two-year-old son of Narcisse, brown in color, a low-down, heavy fellow and will now weigh 1,700 pounds. He will make a 2,100 or 2,200-pound horse when matured. He is well coupled and has lots of style. Another splendid two-year-old is Conrad 15089. He is also a son of Narcisse and is a black in color. He is one of the real plums in the sale and taking age into consideration he is hard to beat. Salem 15092 is one of the best yearlings in the offering. He was a year old in August and now weighs over 1,200 pounds. He is a bay and the man who buys this colt and takes care of him will have a horse to proud of one of these days. Minot 15090 is another good two-year-old, sired by Narcisse and out of Nellie V., the dam of the yearling just mentioned above. Banner 13189 is a four-year-old and is sired by Brilliant 3149. This horse has been used some and has proven a good breeder. He is a big fellow and has plenty of style, a good flat bone and now weighs 2,000 pounds. Six of the mares in the sale are sired by Narcisse and two by Brilliant. These range in age from colts to a twelve-

year-old mare and some with colt at side. Their old foundation mare was Flora 7185, and she will have two daughters and two sons in the sale. She has been a grand old brood mare and as a producer she is hard to beat. Floretta and Coly are two splendid black mares, one eight, the other nine years of age. Floretta is bred and safe in foal to Narcisse, and Coly has her colt at side by the same horse. These are team mates and make a spanking pair. The man that buys one of these should by all means get the other. There are other matched teams in the offering, also some splendid yearlings, twos and three-year-old mares. The man that is looking for Percheron stallions or mares should by all means go to this sale. They will also sell four head of registered Short-horns, two cows and two young bulls. Besides these there will be seven head of Aberdeen Angus bulls, all eligible to registry; two head of work horses and one pony, twenty head of cows and heifers, twenty-four head of Short-horn steers and twenty head of Duroc Jersey sows. Write Messrs. Mills & Son, Perry, Iowa, at once, for catalog and kindly mention The Homestead.

BREEDERS SALE :::: 200 HORSES 200

Bloomington, Ill., Jan. 9-10-11, in Coliseum Wednesday and Thursday, Jan. 9-10, will sell 125 Registered Percherons, French Draft, Shires, Clydesdale Horses, Mares and Stallions.

These horses are consigned by the very oldest breeders in the state and out of the very best families and show herds that represent over 2,000 premiums to their credit. We don't claim to have all the prize winners of France, England or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield and other fairs in 1904-5-6. This will be one of the largest sales of pure-bred horses ever held in the state. These are the wide-as-a-wagon kind and a number of them will weigh over 2,000 pounds.

FRIDAY, JANUARY 11, WE WILL SELL 75 REGISTERED TROTTERS, GRADE DRAFT, COACH, ALL-PURPOSE AND SADDLE HORSES, STALLIONS, MARES AND GELDINGS FIT FOR THE MARKET.

This offering will consist of some of the very best bred ones in the state, and some with very fast mark, also a lot of gentlemen's drivers with several good matched teams and a lot of all-purpose horses. This will be a lot of very high-class horses, with a number of mares and geldings fit to ship to any market.

CONSIGNORS—Wm. Crownover, Hudson, Iowa; A. J. Dodson, Normal, Ill.; A. M. Storm & Son, New Lenox, Ill.; John C. Baker, Manhattan, Ill.; D. Augustin, Carlock, Ill.; Hurt & Reid, Arrowsmith, Ill.; Dillon Bros., Normal, Ill.; Wm. Ritter, Arrowsmith, Ill.; Walter Allen, Dunlap, Ill.; W. F. McTaggart, Pana, Ill.; Bloomington Horse Sale Company; Wm. Westmorland, Arrowsmith, Ill.; Frank McClure, Gibson City, Ill.; Mat Campbell, Bloomington, Ill.; M. G. Murray, Holder, Ill.; O. M. Weishir, Heyworth, Ill.; Chas. Boulware, Fletcher, Ill.; C. J. Raboin, Askum, Ill., and other consignors. Catalogs ready December 15th. Sale each day at 9 a. m.

C. W. Hurt, Mgr., Arrowsmith, Ill. Cols. John D. Snyder, D. L. Brown, Aucts.



Saunders' Anniversary Sale.

December 19th marks the tenth anniversary of the entrance of Mr. C. A. Saunders into the ranks of the Short-horn breeders of this country, and on that occasion he has mapped out one of the most interesting programs that has ever been furnished Short-horn breeders of the West. He proposes to sell and has cataloged seventy-one head of cattle, thirty of which are Scotch cattle, and these will be offered for sale on this occasion. His reason for selling seventy-one head will be made apparent when Col. F. M. Woods opens the sale on that date. It is an offering of rare individual worth, and many of the individuals that he is selling he would rather keep in the herd. But he says he cannot make a good sale without selling good cattle, and, therefore, has selected the best he has in the herd. And while particular stress can be laid on the imported and straight Scotch cattle that go into his sale, the fact must not be overlooked that he has not forgotten the farmer and the younger breeder, and they in turn will find what they want, and at the prices that they are willing to pay in the Saunders sale. Seventy-one head of cattle is a lot to sell in one day, and it may be to the interest of everybody to be present on that occasion. Just a word about some of the more prominent tribes represented. There will be a number of Duchess of Glosters in the sale, Orange Blossoms, Secrets, Miss Ramsdens, Lady Bells, Narcissuses, Sweet Briers, Elizas and Roan Bettys, and these and many others are worth going a long way to see. No. 1 of the catalog is Lady Fragrant. She is a roan in color and is a daughter of Imp. Marengo's Count, and her dam is Imp. Lady Marengo, the dam of his great young bull, King Marengo. Imp. Scottish Myrtle and Imp. Miss Law are both seven years old. The former is a daughter of the great bull, Scottish Victor, the latter a daughter of Jubilee Star. Either one of these will do to take home and there will be buyers who will want both of them. Then comes old Gladiolus, and when this cow goes she will take with her some of the fondest memories connected with the earlier history of Mr. Saunders' efforts as a Short-horn breeder. This grand old Cruickshank cow is now twelve years old, but she doesn't look it. She is a daughter of Imp. Brunswicker and her dam is Imp. Gardina, by the great Cruickshank bull, Cumberland. She will have a calf at foot by the great Cumberland's Last. She is the dam of King Champion, now the leading herd bull on the Greeley Stock Farm. She has been a veritable mint to her present owner, and she is good for many years to come. Czarina is a four-year-old roan cow, a daughter of Master of the Ring out of Imp. Claudine by Prince of Fashion. She will have a heifer calf at foot by the noted sweepstakes bull, Ceremonious Archer. There will be a daughter of Imp. Steadfast in the sale, another by Imp. Golden Crest, several by old Cumberland, Merry Marshal, King Champion, Imp. Best of Archers, Canute, and other popular and well-known sires. There will be a choice lot of Scotch-topped cows and heifers in the sale, and these will be bred to his best bulls. The females that will be sold in this sale will have calf at foot either by Cumberland's Last, the reserve champion bull at the International, King Champion, Ceremonious Archer, or others that have won for themselves a name, both in the show ring and as breeding bulls. Mr. Saunders is selling a good bunch of young bulls, a number of which are straight Scotch. One of the best of these and a bull that should be sought after by some good breeder who has a good herd is Lord Champion 2d. He is a son of King Champion and out of the great cow, Cherry Sweet Brier, by Imp. True Britton. His grandam is Sweet Brier by King James, the sire of Cumberland, and then comes Imp. Sweet Brier 7th by the noted Cruickshank bull, William of Orange. He is a red in color, and a very likely proposition for a herd bull. The splendid catalog that Mr. Saunders has issued and which is about ready for distribution tells all about the rest of them, and every Short-horn breeder in this country should have one of them. It will be a work of art, as well as a ready reference. It will be sent only upon application, and provided you mention this paper.

Joint Sale of Short-horn Cattle.

On December 12th, at the farm of Mr. J. W. Hanna, of Garrison, Iowa, will occur a very important sale of Short-horn cattle, the property of Messrs. J. W. Hanna and Andrew Robertson, at which time they will sell forty-five head from their two herds, which are the natural increase of the herd. They are a good, practical, money-making lot of cattle. There will be thirty-one females in the offering, seven or more of which have calves at foot. Practically the entire calf crop of 1904, which are now two-year-old heifers, are consigned to this sale, and they are a choice lot from every point of

view. The offering is particularly attractive from the fact that there are no old or worn-out cows, nothing in the sale being more than five years old. All females of breeding age that do not have calves at foot are safe in calf to some one of their three good Scotch herd bulls. Both of these herds have maintained the best of Scotch bulls at their heads for many years; thus, the high character of the cattle to be offered is accounted for. The splendid lot of young bulls to be sold range in ages from twelve to eighteen months. Mr. Robertson has at the head of his herd Gold Gem 197484. This is a splendid red bull, calved May 23, 1902. He was bred by Messrs. Walpole Bros., his sire being Golden Rod 159519. He belongs to the celebrated Campbell tribe, the Urys. Mr. Robertson is selling eighteen catalog lots for his portion, sixteen of breeding age. The families in his herd run as follows: Young Marys, Matildas, Floras and Fisher's Roan. The last-named family will be remembered as the one that furnished some of the choicest Canadian winners at the last International. Mr. Robertson has been breeding Short-horns for twenty years and his herd is entirely red in color and practically all of one type. While this may not be any advantage to the lovers of the reds, whites and roans, yet to those who are tenacious for the red color, it will furnish the nucleus for stock bred on these lines that can surely be depended upon to reproduce. The same in this respect may be said of Mr. Hanna's herd. Mr. Hanna has been breeding Short-horns all his life, as did his father before him. They were partners in business for many years and up to the demise of the elder Hanna. The two splendid bulls that head Mr. Hanna's herd are two that are seldom equaled on one farm. In next week's Homestead we shall have some detailed mention of these two famous bulls, and the numerous good things that go with the same, bred to them. Mr. Hanna's herd is made up largely of the Rose of Sharon family, and while there are a few Young Marys and other prominent American families, the preponderance of the offering is of the famous Waverly Rose branch of the Rose of Sharon family. This was the branch Rose of Sharon that became so very popular in the hands of Senator W. A. Harris, of Linwood, Kan., during his palmy days, as a Short-horn breeder of more than national reputation. Application for catalogs of this sale should be made to either J. W. Hanna or Andrew Robertson, Garrison, Iowa. Parties attending the sale, who are in close proximity to the Chicago, Milwaukee & St. Paul Railroad should come to Van Horn. Those coming over the Rock Island should get off at Garrison. As Mr. Hanna's farm is equidistant from these two stations it matters little which place visitors come to, as they will be met with free conveyance at either point. The sale will be held in a heated tent, and Col. Carey M. Jones, the popular live stock auctioneer, of Chicago, will officiate.

Long John Comes to Iowa.

Word has just reached us that Dr. J. A. Downs, of Glidden, Iowa, has recently purchased from Mr. E. B. Weeden, of Rock Port, Mo., that famous old Duroc Jersey boar, Long John 8987. He is a half brother to old Orion, and formerly shared honors with him at the head of the Manley & Co. herd at Lyons, Neb. This famous old warrior has done great service for the Duroc Jersey breeders in the West. Many of the most noted winners of late years were out of daughters or granddaughters of his, and he has enjoyed the reputation of being one of the best brood sow boars in the West. Dr. Downs, the present purchaser of Long John, is one of the best physicians in Iowa, and incidentally one of the best and most enthusiastic Duroc Jersey breeders. He has recently bred about thirty sows for his January sale to Clovercroft King, Adjuster, Clovercroft Arion, Clovercroft Advance and old Long John. Just watch the smoke that is going to curl over and above the Downs' herd in the coming years. He has bought some splendid foundation stock and there is no reason why he cannot put up one of the best offerings of the year.

Regarding International Herefords.

If space would permit, a great deal could be said relative to the Hereford cattle that are to be sold on the afternoon of Thursday, December 6th, during the International Show at Chicago, Ill. In the very important sales that the Hereford association conducts during the shows at Chicago and Kansas City, no one breeder is allowed to contribute more than three head and the cattle of each contributor are very critically inspected by a member of the association appointed by the board of directors for that purpose and no animal, unless of high merit, is allowed to be cataloged. In this particular sale some of the very best cattle that the contributors own have been drawn from their herds and we are safe in saying that not an objectionable animal will

The JONES NATIONAL SCHOOL

OF AUCTIONEERING
AND ORATORY

IS THE ORIGINAL SCHOOL, AND HAS HAD FIVE TIMES
AS MANY STUDENTS AS ALL OTHER AUCTION SCHOOLS
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The instructors are practical auctioneers of national reputation. Their reputations have been made by a careful study of the auction work and by conducting all classes of sales throughout the United States and Canada. A special instructor is employed in each department.

Students Conduct Sales Every Day.

The school does not advertise to instruct students in work we do not understand ourselves. When spending your time and money to secure an education the school should be considered, not the price.

The eighth term opens December 10, 1906, and following this term the school will practically be open all the year round, with the possible exception of a short summer vacation, and there will be classes opening at short intervals, enabling those who desire to attend to enter at almost any time, the tuition remaining the same, and each class will be given a six weeks' course, with an opportunity to graduate in four weeks if proficient.

Write for free catalog, list of graduates, and other information, mentioning this paper, and

COME WHEN YOU ARE READY

JONES NATIONAL SCHOOL OF AUCTIONEERING & ORATORY,
PHONE WEST 1223, 231 ASHLAND BOULEVARD, CHICAGO, ILL.

Imported Scotch and Scotch Topped SHORT-HORNS

Emmetsburg, Ia., Thursday, December 13, '06

No. 1. GRAND VIEW CHIEF 244020. Herd Bull.

Roan; calved September 5, 1902. Bred by Geo. Isaac, Romanton, Ontario. Owned by T. A. Baldwin, Emmetsburg, Iowa.

Dams Sires Breeders

Imp. Primrose 6th Got by Rustic Chief 236800
Primrose 2d Abbottsford 2d 151707 Wm. Duthie
40 head, including my imported Scotch bull, Grand View Chief 244020, and the imported cow, Primrose 6th. I will also sell Jasmine of Orchard Farm 5th, sired by the above bull and out of the imported cow. Will sell two splendid daughters of the famous old show and breeding bull, St. Valentine, and a lot of well bred Scotch topped cows and heifers. There will be 10 choice bulls in the sale. Write for catalog mentioning Iowa Homestead. Address,

Al P. Mason, Auct.

T. A. BALDWIN, Emmetsburg, Iowa.

be in the entire offering. There are bulls in this sale good enough to go anywhere and there are females that are equally as good, both as to individuality and breeding, as are the bulls. Twenty-one different breeders are contributing to this sale, some with one head, some with two and some with three, and all of these breeders are

members of our association in high standing. Quite a number of the cattle offered are entered for competition in the show, and a number of them have already won high honors at the fairs already past. For a catalog descriptive of the animals or any other information relative to them, address Sec. C. R. Thomas, Kansas City, Mo.

SAUNDERS' ANNIVERSARY SALE

AT THE GREELEY STOCK FARM, MANILLA, IA., WEDNESDAY, DEC. 19TH

..... 71 HEAD---30 SCOTCH---16 BULLS

THE BEST OFFERING OF SHORT-HORN CATTLE IN ALL RESPECTS WE HAVE EVER LISTED FOR SALE.

WE PRODUCED

CUMBERLAND'S LAST, junior champion at International, 1905.
CUMBERLAND'S CHUNK, 1st prize champion Short-horn steer International.
INDEPENDENCE LADY, five times junior champion.
CUMBERLAND'S BANNER BEARER, 2d prize bull at International.
CUMBERLAND'S CHUNK 2D, 2d prize yearling steer at International.
FARMER'S FRIEND, 2d prize Short-horn steer at International.
COUNTESS CUMBERLAND, three times 1st prize winner.
See A CUMBERLAND, first son of Cumberland's Last, and a calf of unusual promise. See KING MARENCO, the greatest of them all. ALL SINCE 1900.

OUR HERD BULLS

CUMBERLAND 118578, by King James, dam Imported Cloverflower.
KING CHAMPION 191878, by Champion, dam Gladiolus.
MERRY MARSHALL, by Imp. Merry Hampton, dam Charmer 11th.
CUMBERLAND'S LAST, by Cumberland, dam Imported Lady Douglas.
KING MARENCO, by King Champion, dam Imported Lady Marengo.

Send for our 100 page illustrated catalog, the best ever. Address,

|| G. A. SAUNDERS, MANILLA, IOWA ||

Please mention Iowa Homestead when writing for catalog.

COLS. WOODS, BELLOWS AND JONES, AUCTIONEERS.

Jersey Cattle As Bred by Hunter & Smith.

A representative of this paper who has been a frequent visitor to the herd of Jersey cattle owned by Mr. J. B. Smith, of Beatrice, Neb., one of the members of the firm of Hunter & Smith, of Beatrice, Neb., has again recently visited the herd. That Mr. Smith has a great herd of dairy queens is expressing it mildly. We have for upwards of fifteen years been a frequent visitor to some of the leading herds of Jerseys west of the Mississippi river; have at different times seen practically all the leading bulls of the breed, both imported and home bred, and if we have ever seen a herd that is better equipped with herd bull material we fail to recall the occasion. Mr. Smith has used great herd bulls ahead of the present array of bulls; in fact, he is one of those breeders who realize that the bull is fully one-half the herd if, indeed, he may not be considered even more. While great bulls have been, and are, in service, our readers must not forget that Mr. Smith has a herd of cows such as is only found where the true dairy form is appreciated. We shall first speak of the bulls that now head the herd, then of the cows as a whole. The leading herd bull now in service is Emanon (imported), got by Golden Fern's Lad, a bull that sired twenty-eight head that sold at auction at an average of \$600.25. Emanon's dam, Little Eminence, has a better record of twenty-one pounds and six ounces in seven days, and was a winner wherever shown. In addition to this, Emanon is a half brother to Flying Fox, that sold in one of Mr. Cooper's sales for \$7,500, and to Golden Fern's Sensation and Golden Sultana, two prize winning cows at the St. Louis World's Fair. He also carries 75 per cent of the blood of Eminent and Eminent 2d, that sold on Decoration day of 1905 for \$10,000. Emanon himself has proven a great show bull by winning first and championship honors wherever shown. Thus it may be seen that Emanon comes by his individuality through inheritance. As a sire he is making good in Mr. Smith's herd to such an extent that all his get are snapped up by those who visit the herd. The second herd bull and one that is good enough for any herd is Catillon's Bachelor, got by Bachelor's Guenon Lad, undoubtedly the best son of Imp. Guenon Lad and out of Bachelor's Juliet, a cow that made twenty-seven pounds and three ounces of butter in seven days. Catillon's Bachelor's dam, Catillon's Beauty, carries six crosses of the great Golden Lad, a bull that has made a greater reputation than has any other Jersey bull. She is also rich in Fountain blood, a strain of Jerseys noted for their capacity as rich, heavy milkers. Catillon's Bachelor is now two years old; is a great handler, a level-headed fellow, showing great constitutional vigor, and is of the Island type. He is being used quite freely on the younger things in the herd, as Mr. Smith has great hopes of him as a sire. The third bull in service, while quite young, is perhaps the most sensational bull that has been brought out for some time past. Mr. Smith has given him the name, Guenon's Champion Lad, he being by Victoria's Champion Lad and out of a daughter of Bachelor's Guenon Lad. A more richly-bred bull would be hard to find. As an individual he is about the neatest proposition that has been brought out for some time. The man who appreciates true dairy conformation in a bull that has a wonderful constitution will do well to watch the record that this young bull will make should Mr. Smith continue to follow the show ring. At the Iowa and Minnesota State Fairs this year he stood at the head of the class for junior yearlings and was only beaten for championship by the great bull, Emanon. The cows in Mr. Smith's herd are in the same class as the herd bulls. Several are imported, others are from imported stock and the heavy milking St. Lamberts are well represented. Many are cows that have official butter tests ranging as high as twenty-three pounds in seven days. Every cow in the herd must demonstrate her ability at the churn and pail and as a result Mr. Smith's herd of cows last year paid him \$119.25 per head for milk and butter alone. Sales of breeding stock have been good, yet we saw some young

bulls that should go to some good herd. One of these is a son of Victoria's Champion Lad, a double son of Golden Lad. His dam, St. Lambert's Gem, is a daughter of King of St. Lambert's Gem, one of the greatest St. Lambert cows known to the breed. Another is a son of Emanon and out of Golden Pink's Pride (imported), a double granddaughter of Golden Lad. Golden Pink's Pride was a member of Mr. Smith's great show herd this year and was an easy second prize winner. A few other young bulls are also offered and all are from the best cows in the herd. Some ten or twelve yearling heifers just nearing the breeding age are also offered. These are by Emanon, Owl of Hebron got by The Owl, Guenon's Golden Lad and Victoria's Champion Lad. For a foundation herd it would be hard to find another such an opportunity as Mr. Smith offers in these helpers. They are being priced right and are right in every respect. See page 44 for advertisement of Messrs. Hunter & Smith, of Beatrice, Neb., and when writing about these Jerseys, kindly mention this paper.

One Hundred Registered Percheron Stallions and Mares at Auction.

The announcement made by the Hon. H. G. McMillan of 100 registered Percheron stallions and mares to be sold at auction in two days, is unprecedented. No breeder of high-class horses of whom we have any acquaintance has ever had the courage to place upon the market 100 head of as high-class animals as Mr. McMillan has decided to sell at the new pavilion, Union Stock Yards, Sioux City, Iowa, December 12th and 13th. On the above date more than thirty good stallions and sixty mares will be offered at public auction to the highest bidder. We wish to state right here that the writer has been in attendance at a number of Mr. McMillan's annual offerings of horses, and that in every instance every animal that received a bid was sold. There has never been any protection or by-bidding of any description. In fact, we have seen stock sell for very much less than its value, but Mr. McMillan was satisfied that this would only inspire confidence and encourage those who had secured great bargains to not only attend future sales, but to tell their neighbors that Mr. McMillan sold his horses on the square. The number to be sold is unusually large, and is undoubtedly an experiment to some extent, as we have no record where anything like 100 registered Percheron stallions and mares has ever been exposed to public auction by one breeder at one time. This stock has been largely bred at Lakewood farm and has been reared on the natural blue grass and other products of the farm. These mares will come fresh from the pasture. A number of Mr. McMillan's state fair winners are included in this sale and quite a number of the stallions are suitable to place at the head of a hand of registered mares. Good size, clean, strong bone, with plenty of quality and action are some of the strong points possessed by these stallions. Their breeding also is of the very best known to students of Percheron pedigrees. They have been grown and developed out of doors, where they had constant exercise, and are naturally very healthy and acclimated, which will insure them to be satisfactory breeders. The mares and fillies have been grown in the same manner as the stallions, and have received little or no grain, except during the first winter of their lives, and while at the present time they are not overloaded with flesh, they are in fine condition and are a clean, top-py lot. A very large proportion of them are two and three-year-olds. Thus, it will be seen that their entire lives of usefulness is ahead of them, and for their new owners. Owing to these ages, however, in the minds of many, they should and will sell for less money than the older and heavier matured mares. With a very few exceptions these mares have been bred and are believed to be safe in foal to the state fair and International prize winners, Calypso and Olbert, unquestionably two of the greatest Percheron stallions that have ever landed on American soil. It is certainly

PUBLIC SALE SCOTCH & SCOTCH TOPPED

Short-horn CATTLE

REGISTERED CLYDESDALE AND PERCHERON MARES AT

MASON CITY, IOWA, DECEMBER 18TH

On the above date at the feed barns in Mason City, Iowa, I will offer for sale 48 head of Scotch and Scotch-topped Short-horn cattle, including imported cows, 16 head of the offering being Scotch. Forty-six females and two bulls. I will also sell at the same time and place six registered Clydesdale mares in foal to an imported stallion; four Percheron mares in foal to an imported stallion; one Percheron and one Clydesdale stud colt. Of the Scotch cattle, the following families are represented: Imported Likely, Mysie, Secret, Butterfly, Rose of Aberdeen, Airy Buckingham, Orange Blossom, Vain Maids, Crocus or Isabella, etc. Of Scotch-topped families, Rose of Sharon, Desdamonas, Arabella, Rosebud, Josephine and Pearlette. Send for catalog at once to

A. H. BRETT, MASON CITY, IA.

COL. AL P. MASON, AUCTIONEER.

Mention Homestead when writing for Catalog.

worth something to procure mares bred to such stallions as these whose service fee is \$100 each. The present day of \$100-an-acre land and upwards compels the farmer to stop, scratch his head and reflect, if he is not on wrong lines in trying to do his farm work with common horses, when pure-bred mares can be secured of much heavier weights, much more shapely, that will do all the work necessary on the farm and produce a \$300 colt each year in addition. This has been and is being done by a number of the most enterprising farmers of Illinois and Iowa. Why should not this good business proposition prevail to a much greater extent than it does. There is no additional cost in producing these high-class colts over the grade or scrub, except in the original investment for the mares. Owing to the excessive offering in these two days' sales there is all probability that some cheap stallions and mares will be the order of the day. Nevertheless, every animal of-

fered will be sold at some price, if there is a bid made. Mr. McMillan is overstocked for the winter, and besides this he has been planning for this two days' sale for a long time. It has been the ambition of his life to be able to offer 100 head of registered Percheron stallions and mares of higher quality than any other breeder in the world has ever exposed to auction at one time. Whether this over-offering is a good business venture or not remains to be seen; but parties who are in the market for some first-class stallions and mares will undoubtedly find this the best opportunity that has yet been offered in America to secure them at their own price. Mr. McMillan has prepared an exceptionally fine catalog, which should be in the hands of every breeder and lover of Percheron stallions or mares. In our next issue we will present in full the unparalleled show record of Lakewood farm Percherons, which thus far has been invincible.

DISPERSION SALE OF SHORT-HORN

.... **CATTLE**
ON DECEMBER 14TH

WE will disperse our entire herd of Scotch and Scotch Topped Short-horn cattle consisting of 56 head including our two Scotch herd bulls and several other young bulls. A goodly portion of the offering are Scotch cattle; the remainder are Scotch Topped of the most desirable sorts. Some 15 or more calves will sell with their dams. As this is an entire dispersion, it will afford an unusual opportunity to Short-horn cattle breeders of Iowa and Minnesota particularly to secure the plums of our herd at bargain prices. For catalogs and other information address, Dr. Chas. L. Marston, Mason City, Iowa.

MARSTON BROS., PROPS.,
Mason City, Iowa.

COLS. RALPH W. BARCLAY AND ASSISTANTS, AUCTIONEERS.

CHESTER WHITE HOGS.

Bluff Road Herd Chester Whites

FALL boars all sold, but I still have a few spring boars for sale, also an extra good lot of gilts ready to ship. Write for description and prices. Farm two miles east of town.
D. H. LEWIS, R. F. D. 6, GENESE, ILL.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester A. White Swine, 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address,
W. M. MERCER, AURORA, ILL.

Prairie Ridge Stock Farm

HOME of the Chester White hogs. Stock for sale of both sexes. Address,
Mack Stevens & Sons, Iowa City, Iowa

A Few Chester White Bargains

BOARS all sold. Have only 10 gilts left. We have the best bunch of Sept., 1906, farrow we ever raised. There are good herd headers for breeders.
E. L. NAGLE & SON, Deep River, Iowa.

Irving Herd Chester Whites.

40 HEAD April farrow. Large growthy pigs. Either sex for sale. Prices right.
F. L. MARSH, IRVING, IOWA.

T. A. STEVENSON,

Shannon City, Iowa.
PREDECE and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers write for descriptions and prices.
N. A. RANCK, NIOTA, ILLINOIS.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 495, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. **F. E. HANKINS, Sciota, Illinois.**

OHIO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. **Fred Ruebush, Sciota, Ill.**

CHESTER WHITES—Choice March and April boars. They are bred right, fed right and priced right. I can please you. **J. A. Bell, Allison, Iowa.**

KING B. HERD CHESTER WHITES.
70 SPRING pigs for sale, pairs not akin. **B. R. Burt, Coggon, Linn Co., Iowa.**

HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,
F. P. & J. J. Hardin, R. 6, Lima, O.

HUMBERT & WHITE'S "Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, **Combination**. Write us for a Combination pig and get the quality that wins. Address,
F. D. HUMBERT, Nashua, Iowa.

F. P. WHITE, New Hampton, Iowa.

ALLEN BROS.

40 O. I. C. Boars—March and April Farrow **T**HE long, heavy-boned prolific kind, from litters that averaged twelve pigs. Call or address,
ALLEN BROS., Russell, Ia.

Rockford Herd Chester Whites and O. I. C.'s
A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.
JNO. CRAMER, BEATRICE, NEB.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest up-to-date herds in the northwest. Plenty of herd headers, Gilts bred or open. April pigs now ready for shipment.
W. R. WEBB, Spencer, Iowa

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free.
B. M. BOYER, Farmington, Van Buren Co., Iowa

SHADY LAWN HERD OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, **JOHN LEFEBURE, FAIRFAX, IA.**

CHOICE Chester White Boars, sired by Hobson 11989, and Ring Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. **Jas. C. Webber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.**

BATES BRED SHORT-HORNS

Sale Pavilion South Omaha
TUESDAY, DECEMBER 11, 1906.



41 HEAD--30 COWS AND HEIFERS AND 11 BULLS.

The sale includes 33 head of straight Bates breeding; about 15 of the celebrated Duchess tribe; the balance are Wild Eyes, Kirklevingtons, Oxford and Barringtons. 14 head in the sale the get of old Airdrie Duke of Hazelhurst 117846. Other cattle in the sale are of standard families with Scotch and Bates Tops. The bull offering will include two three-year-old herd bulls, one of them Duke of Wapsie 229370, weighing nearly 2,200 pounds, and other young bulls fit to head herds. The cows and heifers are a choice lot; several extra milkers among them. Broad backed cows with young calves at foot, an opportunity to lay a foundation or add some choice specimens to your herd. Send for a catalog. Address,

O. M. Healy, - - Bedford, Iowa.

COLS. F. M. WOODS AND T. G. WALKER, AUCTIONEERS.

POLAND CHINA SALE

TO BE HELD AT FEED SHEDS, MONTEZUMA, IOWA, DECEMBER 4, 1906, at one o'clock. Sale consists of 40 sows and gilts and 10 boars. Sires principally represented are Jones' Wonder 108223, and Black Chief 93297. Hogs in thrifty condition with both quality and bone. Parties from a distance entertained. Some prize winners at county fairs. Large litters; one of eleven out of Terrell's Wilkes 102111. Good treatment assured.
F. E. Terrell & Son, E. F. Saunders, Props., - - Montezuma, Iowa.
COLS. C. F. VANNATTA AND ROSS E. PORTER, AUCTIONEERS.

CHESTER WHITE HOGS.

Spring Pigs All Sold



WE have now to offer 60 choice fall pigs and are going to sell them cheap, if you want something choice we have it here in these fall pigs. Write for large catalog and prices to
James Fisher, Eastman, Crawford Co., Wis.

Modeler 13235 and W. F.'s Model 12101

MODEL HERD CHESTER WHITES.

Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Ply. Rock cks. **W. F. Hemmerling, Dike, Grunty Co., Ia.**

MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. **Ernest L. Mear, R. R. No. 1, Neponset, Illinois**

PIONEER HERD OF CHESTER WHITES.

100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.
A. A. HUMMER, KESWICK, IOWA.

Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13301 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and sweepstakes at Interstate Fair, St. Louis City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. **Geo. H. Lawshe, R. R. 3, Harlan, Iowa.**

The Wildwood Herd Chester White Hogs

THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.
W. W. VAUGHN, MARION, IOWA.

BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address,
J. L. BARBER, R. R. 3, HARLAN, IOWA.

O. I. C.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars need. Our last season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection.

FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

CHESTER WHITE HOGS.

BOARS AND GILTS

THE Iowa State College offers for sale some choice early boars of the following breeds: Chester White, Duroc Jersey, Tamworth and Yorkshire; also a good lot of young gilts of the various breeds, including Poland Chins and Tamworths, and six young bulls, three Holstein and three Red Polled Address.

DIVISION OF AGRICULTURE,
Iowa State College, Ames, Iowa

CHESTER WHITE HOGS FOR SALE

YEARLING and April males, S. L. Wyandotte chickens and 200 head of recorded and grade Angora goats. Correspondence solicited.

R. P. DOWNING, Albion, Iowa

25 Large, Growthy Chester White Boars

FOR SALE—Of March and April farrow; will weigh from 200 to 250 lbs. Have had the run of clover pasture all summer. Have been bred right, fed right and will be priced right. Write me before you buy. F. A. Trumbauer, Patterson, Iowa.

CHOICE O. F. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

LARGE YORKSHIRE HOGS.

Large Improved English Yorkshire Swine.

F. Rabaler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshire Swine in America. Have made 5 importations. Oak Lodge Minster Stn 1855 and O. L. Fustler 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not shown. Now looking orders. Write us at once.

LARGE YORKSHIRES

WORLD'S FAIR CHAMPIONS. We have 770 pure bred pigs, farrowed this spring of the most uniform quality we have ever bred. Can furnish pigs not only to stock sold in previous years. We have the numbers and quality; try us for prices. Champion herd at the Iowa, Minnesota, North and South Dakota state fairs in 1905. Address, Thomas H. Canfield, Box 2, Lake Park, Minn.

YORKSHIRES.

THE type the Packers want. Service boars now ready to ship. Prices low for quick sales to make room for fall litters.

Mondamin Farm, White Bear Lake, Minn.

POLLED DURHAM CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-189582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAVER & DEUKER,

Kalona and Wellman, Iowa.

Double Standard Polled Durhams.

HAVING rented my farm, I will sell my small herd of nine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right.

W. E. LOUGHARY, Pockwood, Iowa.

F. A. MURRAY, MAZON, ILL.

Breeds POLLED DURHAMS.

STOCK that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

RED POLLED CATTLE.

50 Head of Red Polled Cattle 50 FOR SALE.

I WILL sell my entire herd of 50 registered Red Polled cattle, or any part thereof. These cattle have a large per cent of imported blood and include some Imp. cows. Twenty head are now giving milk while the remainder is as follows: 4 three-year-olds, 6 two-year-olds, 13 yearlings and 10 calves. It is practically a female offering aside from the herd bull Forester 13265. Address for particulars, W. D. McTAVISH, Coggon, Linn Co., Ia.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. Co., Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schroterger.

Red Polled Cattle

EITHER sex for sale. Have show stock, Duroc Jersey swine. Equal to the best. Kestel & Schroterger, No. 1 Leno, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at low prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1263.

SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. 1 & P. Ry.

Red Polled Bulls For Sale

Wm. K. Ferguson, Algona, Iowa

LIVE STOCK AUCTIONEERS.

AMERICAN AUCTION SCHOOL

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CHILLICOTHE, MISSOURI.

Next Term Opens December, 17, 1906.

Special Rate for December Term.

All branches Auctioneering taught, also Voice Culture, Auction Law and Live Stock Judging by Special Instructors. Our graduates now in many states. "Col. J. H. Webb, of Spalding, Neb., who graduated in the July term of this school, writes under date of Oct. 3d that he has 53 sales listed to date and is getting all the work he can do. Col. W. C. Curphey, of Abilene, Kan., is another July graduate who is being booked on some of the best pure-bred sales of that state." For catalog address,

L. E. GRAHAM, Sec., Chillicothe, Mo.

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Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



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LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

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FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

A LIFETIME IN THE CATTLE BUSINESS.

A GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

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I am posted on pedigrees and want your sales of cattle, hogs or horses.

CAREY M. JONES,

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CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A. V. LOCK, REMINGTON, INDIANA,
Live Stock Artist.
Work satisfactory. Prices reasonable.

GALLOWAY CATTLE.



Pure Bred Galloway Cattle.

FOR SALE, 8 Bulls, 60 Cows and Heifers, at prices that will make them move. Write to

S. D. Miller, Wellman, Ia.

HORSES.

Greeley
Horse
Importing
Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT,
GREELEY, IOWA.

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., Fairfax, Ia.

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares. One to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansum & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.

HORSES.

FRANK IAMS

"Special Train" arrived August 14, 1906, carrying 120 "Peaches and Cream" Stallions. They are "Iams' kind," the "Best ever." Winners and "Sons of winners." \$1,000 and \$1,500 buys Imported "Topnotchers" of Iams. Watch "Iams' Smoke." He has his "Selling Clothes" on daily. No buyers with money or bankable notes get away from Iams. He buys, owns and sells more first-class draft and coach stallions than any man in U. S. "Whoa Bill"—Buy a stallion this fall—Save \$200 and get choice of Iams' barns filled to the roof with

168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

Mamma—Iams always has the best horses at Nebraska state fair. Iams' 2, 3 and 4-year-old Percheron and Belgian stallions won every first prize (bar one) and sweepstakes prize in both breeds (over all) and many second and third prizes. Iams' "Black Boys" are "Hot Stuff" for competitors; and Iams saves buyers all commissions and middlemen's profits. Iams is not in the "Stallion Trust."

\$1,000 - SAVED AT IAMS \$1,000

Ikey, what a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "Topnotchers" so good, big and cheap that they do not need to be peddled to be sold. Mr. Buyer, see Iams' stallions yourself. Take no "gold brick stallion salesmen's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye opener and greatest horse catalog on earth. References: St. Paul State bank and Citizens National bank.

ST. PAUL, NEBRASKA.

S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

25 Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors. 25



No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coachers you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.

PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

PERCHERON IMPORTING
COMPANY, CHARITON, IOWA.

CHARLES K. KIRK,

YOU want an imported stallion of purest breeding. With a short back, upheaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

CHARITON, IOWA.

JACKS.

FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



HORSES.



Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

Watson, Woods Bros. & Kelly Co., LINCOLN HOTEL BUILDING, Lincoln, Neb.

EIGHTH ANNUAL SALE OF

LAKEWOOD PERCHERONS

Sioux City, Ia., Wednesday & Thursday, Dec. 12-13
STATE FAIR WINNERS UNDER THE HAMMER.



100 Registered Stallions and Mares 100

Thirty-two stallions and sixty-eight mares and fillies. Everything offered is of the highest quality and will be sold regardless of price. A number of our state fair winners are included. The stallions are a grand lot, by far the best we have ever offered. All of our winners at Iowa and Minnesota State Fairs have been reserved for this sale. The mares and fillies are of the choicest breeding; all but five are under seven years of age and nearly all are bred to our famous stallions, OALYPSO and OLBERT, the STATE FAIR CHAMPIONS and INTERNATIONAL WINNERS. The great opportunity of the year to buy Percheron stallions and mares of the highest class. Catalogs mailed on application.

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Lakewood Farm, Rock Rapids, Iowa.

COLS. F. M. WOODS, P. MCQUIRE, DAN SAYRE. AUCTIONEERS.

Robert Burgess & Son, Wenona, Illinois. Wichita, Kansas

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CHAMPION STALLION KANSAS STATE FAIR.
CHAMPION AMERICAN ROYAL KANSAS CITY.

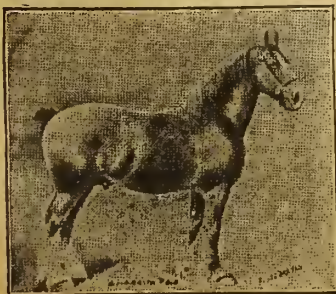
SHIRE, PERCHERON,
BELGIAN and
HACKNEY STALLIONS

Good American Bred Stallions, \$800 to \$1000.

First Class Imported Stallions, \$1200 to \$1600. Choicest Stallions a Little Higher.

NOTICE

Having concluded to make a change in placing Stallions before the Public account of the unsatisfactory business methods and transactions done in the Stallion trade to the Buyers as well as to the Sellers by the STALLION SALESMEN, we have concluded to sell our stud from the Barns. Our aim is to give our customers the entire benefit of the profits which have been going to the SALESMEN and to the helper assisting in placing the Stallion, who usually is one of your own neighbors, (the most influential man of the neighborhood), and the great expense of placing the Stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the Stallion to the buyers or the companies from Two Thousand Five Hundred to Four Thousand Dollars. The Quality of our Stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know that we can save you at least 50 per cent. If it is necessary to arrange a company in your neighborhood in order to get a Stallion, form your own company and come to the barn and be convinced that you can save from \$1000.00 to \$1500.00. We ask all intending purchasers to visit our Stables, where we have over 300 head of Stallions to select from—SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS. Come to the barns and deal with Bob Burgess, who has been in the business over thirty-two years, longer than any one man in the Stallion trade. Come to the barns and get the most reasonable terms that can be offered. Send for catalog.



Galbraith's Horses

The Horses That Made
..... Janesville Famous

HAVE been in competition with those of others at all the large Exhibitions of the last 26 years and have come off with Highest Honors. We want you to compare our prices with the prices of the others. 47th Importation of 49 head landed Aug. 21, 1906. Clydesdales, Shires and Hackneys.

Alex. Galbraith & Son,
105 Sinclair St., Janesville, Wis.

Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.
TRUMANS' Have the right kind.
TRUMANS' Buy the right kind.
TRUMANS' Always Imported them.
TRUMANS' Now a Household Word.
TRUMANS' Commenced with Prize Winners.
TRUMANS' Imported more than anyone.
TRUMANS' Know how to find them.
TRUMANS' Know how to buy them.
TRUMANS' Hence our success.
TRUMANS' With our Customers.
TRUMANS' Treat you right.
TRUMANS' Treat you white.
TRUMANS' Came to stay.
TRUMANS' Have stayed.
TRUMANS' Horses admired by the crowd.
TRUMANS' Always looked for at the Fairs.
TRUMANS' Always something sensational.
TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.
TRUMANS' Customers treated Honorably.
TRUMANS' Customers stay with them.
TRUMANS' Customers have confidence.
TRUMANS' Customers not humbugged.
TRUMANS' No loud childish talk.
TRUMANS' No claiming what they haven't got.
TRUMANS' Attend their own business.
TRUMANS' Do honorable work in Show Rings.
TRUMANS' Let the Public Judge.
TRUMANS' Of their Exhibits.
TRUMANS' Don't want dirty work.
TRUMANS' Don't pay for it.
TRUMANS' Won't have it.
TRUMANS' Can do without it.
TRUMANS' No shifty business.
TRUMANS' Mean to do right by their Customers.

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WE ARE THE PIONEER IMPORTERS OF THE
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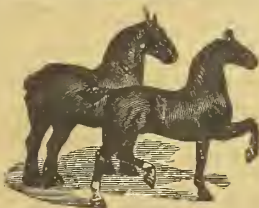
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The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

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WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND
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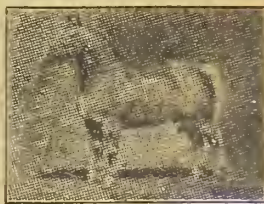
Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DU HAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARKS now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



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WILLOW GROVE
HEREFORDS

VOLUM 25th 100912, the great-
est living son of old Columbus,
at head of herd. The blood of An-
xety 4th, The Grove 3d, Hesiod and
other great bulls predominates in
my herd. Young stock for sale at
all times. Write me and tell me
what you want. Address, J. G. Von Seggern, R. D.
No. 2, Wisner, Nebraska.



HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20
months. 15 choice Hereford heifers, ages
24 to 30 months, safe in calf. These are sired by St.
Elmo of Shadeland, McKinley and Advancer. These
are very choice and as good as I have ever raised.
6 DUROC Jersey Boars, sired by Corn Cracker
14205, dam by Luther Top Notch 3907. Price \$25.
Write at once.

Z. T. KINSELL, Mt. Ayr, Ia.

250 RECORDED HEREFORDS
At Half Their Value.

25 YEARLING heifers, 20 two-year-old heifers,
bred; 75 young cows in calf, 50 bulls and 50
young cows with calves at foot. Awful cheap.

One carload of bulls at Morgan, Wyoming.
GOOD ONES, CHEAP.
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HAVING SOLD MY FARM

I have sold 25 head of registered Hereford cows
and heifers and two herd bulls. One of them is
an imported bull. All good stuff, and will be priced
right to a quick buyer. Write me.

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4TH 194318, first prize Hereford bull of Iowa,
1906, at Iowa State Fair. Young stock for sale
by this famous bull. Mention The Homestead when
writing. G. W. Why & Son, New Sharon, Ia.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30
months, sired by Lord Southington, son of
Southington (Imp.). Write me.
H. C. CUNNINGHAM, WESTON, MO.

BERKSHIRE HOGS.

BERKSHIRE
—BOARS—

FOR IMMEDIATE SERVICE.

I can please you in quality
and price. Address,
GEO. S. PRINE,
Oskaloosa - Iowa

25 or 30
BERKSHIRE BOARS

Sired by Conquest and Benjamin's Faithful, a son
of Faithful Common. Will sell a few choice gilts,
and will book orders for bred gilts. Address

C. S. BUCKLEY, HOLSTEIN, IOWA.

Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired
by Royal Combination II, a grandson of Lord
Premier, also a son of Masterpiece. Spring boars
are large and growthy with plenty of quality and
dash, of April and May farrow.

L. F. Boyle, Hennepin, Ill.

Heavy Weight
Berkshires

ATTENTION! Are your hogs too small and fine
boned, with a disposition to run out? If so, come
one and I will fix you out with a big boned, short
legged, broad backed, heavy quartered Berkshire
Boar, with an extra back, wide spring of rib and
very short, broad dished face. I will do it at
farmers' prices.
W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won
1st honors at the best shows. I am now offering some
very choice pigs, sired by the great Charnier Duke
2uth, by Baron Lee 6th. Some choice pigs by Choice
goods. I breed the large, roomy Berkshires. Every-
thing guaranteed as represented. Extra amount of size
on the spring pigs. T. J. Congdon, Pawnee City, Neb.

CHOICE ENGLISH BERKSHIRES
HAVING sold my farm, I will sell 100 choice Eng-
lish Berkshire pigs and hogs of both sexes, at
very low prices if taken soon. Write me your wants.
I am sure I can please you.
E. H. DANCER, Lamoni, Iowa

BERKSHIRES

LARGE growthy boars, big bone and best of breed-
ing. Prices low. Address
C. T. AYRES, Osceola, Clark Co., Iowa.

LARGE English Berkshires. Boar pigs, March far-
row, heavy boned, growthy fellows. Also gilts.
bred Write for prices. W. A. Bender, Rowley, Ia.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook,
Iowa. 200 head of choice Doddies within a radius of two miles of Holbrook. The International Cham-
pion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds,
Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad,
Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and
allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

1 MILE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget
of Cottage Grove 2d 19065, Lowlander 21880 and Newton Hero 46150, 40 choice bulls and some cows now
for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2
years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address,
Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

10 Aberdeen Angus
BULLS FOR SALE.

Twelve to Fourteen Months Old.

Will sell at farmers' prices. \$100 gets a good bull.
Prides, Queen Mothers, Heather Blooms, Ro-
themie Queens, etc. Address,

John E. Griffith,
WASHINGTON, IOWA.
(Mention Homestead.)

Allendale Doddies

We have a fine "Queen Mother" bull, three years
old, that we will sell; also a number of Favorites,
Prides, etc., sired by "Proud Blackcap" and bidding
fair to be his equal. If in need of bulls or cows, it
will pay you to investigate. When writing mention
The Homestead.

R. F. D. No. 1. ALLEN BROS., NEW SHARON, IOWA.

ROSENGIFT ABERDEEN ANGUS.

BRED cows all sold that we care to spare; a number
of growthy, thick bulls at very reasonable prices
Herd now headed by Blackene and Keilor Victor 3d.
Rosenfeld & Siverly, Kelley, Story Co., Iowa.

7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2
Duchess, 1 Heather Bloom, 1 Carnation and 1
Fanny. These are bred right and are good individ-
uals. Will make special price on the bunch.
Address, FRANK P. PAUP, Kirkman, Iowa

When writing please mention this paper.

JERSEY CATTLE.

JERSEY
CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition
last year, and Grand Champion at National Dairy Show, Chicago, Iowa
and Minnesota state fairs this year. We are offering a few of his Bull
calves out of Imported and St. Lambert Cows. Also 25 females, cows
or heifers.

HUNTER & SMITH, BEATRICE, NEB.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth,
fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show
bull, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good
one. Telephones to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE" LYNDAL SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Cham-
pion of Lyndale head Short-horn herd. Females are Vic-
torias, Secrets, Butterflys, Lavenders, also a few Young Marys
and Rose of Sharons. For sale a red Secret, a roan Queen of
Beauty, a pure Bates and some nicely Scotch topped bulls ready
for service.

A. F. GRAVES, Visitors always welcome. KING CITY, MO.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good
yearling bull; also 20 head of Scotch topped cows
and heifers, having 4 to 6 Scotch tops, for sale.
John Lefebure, Fairfax, Ia.

Walnut Grove Short-horns & Poland Chinas
CLEAR The Way 231482, winner 1st 2-yr-old class
C and 1st as Ia. Cham., Ia. State fair, '06 heads herd.
Herd boars Defender 98447, by Corrector 63379, one
of the greatest sires known to the breed, and Billy
Snyder 83621, a very large boned hog of equal merit.
Young stock for sale. J. T. Judge, Carroll, Iowa.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months
old. Poland China Hogs.
Jas. E. Stephenson, Alburatt, Iowa
Otter Creek Stock Farm.

JONES CO. HERD of Herd {Stittytton Sort 173649
SHORT-HORN CATTLE Bulls {Wampun of Way-
side 248046
We have one red roan bull, two years old in Jan.,
for sale. He will make a good bull for someone.
Write for prices and descriptions. Address, G. P.
Tyrrell & Son, Props., Oxford Junction, Ia.

SPRING CREEK HERD OF SHORT-
HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs.
Would sell my Scotch herd bull Archer 200427 by
Imp. Golden Archer, dam Imp. May Blossom by
Prince of Archers. Also some young stock.
C. F. Robe, Jessup, Iowa.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE and DUROC JERSEY
HOGS. Twelve red short-horn bulls for sale.
Geo. A. Hans, proprietor, Newton, Iowa. Farm two
and one-half miles north-east of town. Phone
connection.

HIGH CLASS ANGUS
BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS,
GREYSTON PRIDES and other families
represented, all by such noted sires as BLACK
JAM 3d 30709, IMP. ABELOUR, 41201,
BELL'S ECLIPSE 3d 57454, QUEQUE
46102 and LEON ARTIST 33619. Females
sate in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.
Address all communications to
O. D. WRAY, Bloomfield, Iowa

ABERDEEN ANGUS & POLANDS
FOR SALE.

I HAVE some good Aberdeen Angus males and
females for sale of the following families: Prides,
Ericas, Princesses, Blackbirds and Coquettes. Many
of my cows and heifers are in calf to King Ito by
Prince Ito. Also, some extra good Polands, all
tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

THE WHEATLEY & WARD
...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls,
Maple Hurst Proteros 47351, Hale Lad 2d and
Gardner's Pearl Rosegray 52637. Females represent
Queen Mothers, Prides, Heather Bells, Ericas,
Easter Tullochs, etc. 16 bulls for sale ranging in
age from 10 to 24 months. The herd heading sort.
Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

Pleasant Hill Herd of Aberdeen Angus.
STOCK for sale of both sexes, sired by the great
Pride bull, Baltimore of Glendale 24275.
J. Nissen, Meservey, Cerro Gordo County, Iowa

SHORT-HORN CATTLE.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch
Short-horn bulls now ready for service, sired
by Young Commodore, conceded to be the best
Short-horn bull in Iowa. The best Short-horn bull
that we have ever raised is now on our farm and
is open for inspection. Come and see the herd.
Mention the Homestead when writing.

CRUICKSHANK
BULLS

I HAVE a choice lot of young bulls for sale of the
Duchess of Gloster, Secret, Victoria and other
well known Scotch families. If you are looking for
a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

GEO. BONEWELL,
GRINNELL, IOWA.

BREEDER of Scotch and Scotch topped Short-
horns, 8 extra young bulls for sale. All reds; are
of the thick, beefy kind. One pure Scotch, a good
one, 800 pounds at 8 months. The others are well
bred in Scotch and of good families. All sired by the
Scotch Bull Victor Royal No. 216553. Visitors at farm
cordially welcome. Parties wanting bulls will be met
at train on notice by mail or phone.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at
bargain prices, principally all reds, including sev-
eral Scotch bulls. In ages from twelve months old
and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD
REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov-
at Champion (157617), the great bull used so suc-
cessfully by Mr. Duthie of Scotland, and afterwards
placed at the head of the Chrystal herd. His assistants
are Grand Duke of Enterprise (143818), Crown Prince
Wild Eyes and Lord Nonpareil. Some extra good
ones just coming to breeding age for sale. Address,
Flynn Farm Co., R. R. 5, Des Moines, Ia.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn
bulls, many strong herd headers of the best of
Scotch families by the Imported Princess Royal
bull, Prince Oederic 136398. Also a few choice Scotch
heifers. Address,

I. BARR & SON,
Daveport, Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred
Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females
and young bulls for sale at all times. Address,

E. R. SILLIMAN,
COLO - IOWA

BLUFFVIEW
SHORT-HORNS

A FINE BRAWTH BUD BULL, FOR SALE,
and several farmers' bulls, at low prices.
The Bluffview herd is now headed by Secret
Viscount 212705, one of the best bred Cruickshank
bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls
from 11 to 20 months old. All reds. Prices
right; bulls are right and I will treat buyers right.

H. D. PARSONS.
NEWTON and BAXTER, IOWA

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at
foot or bred to the great Scotch bull, Imp.
Charnier. Also 12 young bulls from 8 to 20 mo. old
by Imp. Kinellar Stamp.
A. J. GRAVES & SON, Ames, Iowa

4 SCOTCH BULLS

Three straight Cruickshank.
These are bred in the purple and are good
enough to head any herd. Come and see them.
C. W. DAWS & SON, Harlan, Iowa

WILLIAM REED
PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd.
Wish to sell 50 head quick. Farmer's prices.
Come or write.

FOR SALE Conqueror Best 182910. The best bred
Cruickshank bull in America; 4 yrs. old, solid
red, dam Imp. Zoe 5th (a Cruickshank Clipper cow)
sire Imp. Conqueror, a Burr Missle with two
other 4 yr. old red Scotch bull and 3 Scotch topped
yearlings. Marston Bros., Masoo City, Ia.

SCOTCH SHORT-HORNS. For sale, four good
Scotch bulls. Jordan & Dunn, Central City, Ia.
Maine Valley Stock Farm.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the
breed, heads herd. A few extra good young bulls
and heifers for sale at reasonable prices. Inspection
invited. Ask for herd catalog with pedigrees printed
in tabulated form.

W. H. SCHAFER,
KEANSBURG, ILL.

WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.
6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred
(the twin with Mouey Musk), that I think is the
best bull I ever bred.

G. H. George, Monticello, Ia., breeder of Scotch
Short-horn cattle and Standard Bred trotting
horses. The Scotch herd and show bull Kingmaster
is for sale. Also 4 younger bulls, fit to head any
herd. Scottish Consul 181231 heads my herd. Five
daughters of Imp. Red Knight, 5 Victorias, 2 Imp.
cows and other Scotch and Cruickshank families.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241837, two years old in July; sired by
10mp. Fashion Favorite 148580 and out of Imp.
Angusla Bruce, a grand good bull, a herd header.
Write me quick.
J. D. McDERMOTT, WIOTA, IOWA.

WANTED: Registered cattle, stallions and jacks in exchange
for Illinois, Iowa, Missouri, Kansas, Nebraska, Minne-
sota or Wisconsin farm.
Box 151, Independence, Iowa.

When writing please mention this paper.

SHORT-HORN CATTLE.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysle and other Cruickshank families.

9 Short-horn BULLS FOR SALE

A T Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMOND, IA.

Bargains in Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

HUGHESDALE

REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

Percheron Stallions and Mares.

I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1850 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

JESSE S. GOLDER, - Scribner, Neb.

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - Newton, Iowa

SUNNYLAND STOCK FARM.

Short-Horns and Durocs. THE home of Kruger Lad 17179A. Some choice T. bulls and Tip Top Notcher boars for sale. AUG. SONNELAND, - Harlan, Iowa

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135258.

M. D. YARD, - CRAWFORDSVILLE, IA.

HAMPSHIRE HOGS.

HAMPSHIRE HOGS

30 SPRING BOARS by Stone's Duke. 1st prize boar Illinois State Fair 1906. I am breeding for early maturity, prolific families, quiet dispositions, purity of color and muscular action. 30 bred gilts ready Dec. 1st. Write for prices and descriptions.

Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

POLAND CHINA HOGS.

EVERGREEN STOCK FARM.

POLAND CHINA spring boars my hobby now. Sired by Dorr's 1st and Grossman's Choice, out of large, roomy, prolific sows. Prices low. Send for catalog.

HENRY DORR, Remsen, Plymouth Co., Ia.

GROWTHY, HEAVY-BONED Poland China Boars.

OUT of mature parents, best breeding, lengthy, vigorous fellows, 200 lbs. up. Customers well pleased. 999 sold in 12 years. S. Horn and P. Durham cattle. P. S. & S. Barr, Box H, Rt 4, Davenport, Ia.

Big, Growthy, Heavy Boned Spring Boars

Sired by Major Blain 31925, which I am pricing, well worth the money. Also some good gilts bred for March and April farrow. These are the large, useful kind. Address,

R. J. PECKHAM, Pawnee City, Neb.

SUNNY SLOPE Poland China boars and gilts of March farrow, of the most fashionable breeding, with good length and heavy bone and extra good backs. Sired by Orr's Duke (88967), and Ringmaster 101091. I will also sell by herd boar, Orr's Duke 88967. Write to M. A. Easthouse, Hartley, O'Brien County, Iowa.

A FIFTEEN day offer. \$15 to \$18 buys a good April or May male hog of the Poland China breed. \$8.50 buys a trio of mammoth Toulouse geese, or \$1.00 to \$1.50 buys high scoring Barred Rock cockerels. Address, J. O. Walton, Belle Plaine, Ia.

POLAND CHINA BOARS (BLACK). 8 FALL boars, 2 yearling boars, 50 spring boars, sired by Klever's Gay Lad. J. W. Knowles & Son, - Craig, Neb.

POLANDS, Mch. and Apr. farrow, get of prize winners, splendid individuals, breeding unsurpassed, old litter strain, kind swine breeders should have. For prices write. S. P. Hartman, Ottumwa, Iowa.

POLAND CHINA HOGS.

14 BIG STRONG, GROWTHY

March Poland China Boars

FOR SALE.

TWELVE of them by Gay Perfection 2d 97251. One by Itadum (a sow of Perfection R. L.) and one by Impudence 97557. These boars are of the most aristocratic blood known to the breed. Will sell them at \$25 each while they last, except the Impudence boar which I hold at \$35. Impudence was the sweepstakes boar at Des Moines last year. The greatest hog show on earth. The dam of the fellow cost me \$137.50. For further particulars address the owner Joe Steward, Ames, Iowa. Also two yearling scotch bulls, one by Revenue, the other by Golden Diamond.

...ONLY A FEW LEFT.... But They're Good Ones.

OUR boars have been selling like hot cakes; only have 20 boars and 10 spring pigs left. Some of these by the double sweepstakes boar Matchless Jr. Fall and spring gilts bred and ready to ship. These by matchless Per, Matchless Jr., B's Chief Tecumseh 2d and Correct I know.

HENRY BROS., - LE MARS, IOWA.



MATCHLESS PERFECTION.

WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99555. Pigs to head herds a specialty. Ten head of Scotch add Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route 4, WELLMAN, IA.

ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief II 37628, and Winsome Dude II 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, - MANNING, IOWA

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, - DEFIANCE, - IOWA.

110---POLAND CHINAS FOR SALE---110

INCLUDING 2 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted unrelated. Write for breeding, description and prices.

BRIDGFORD & NESBITT, - R. R. No. 3, ALEDO, ILLINOIS.

25 Large Frame and Heavy Bone a Specialty.

INCLUDING 11 extra good fall boars with plenty of size and quality, sired by Rival U. S. 89019, and 14 spring pigs sired by Rival U. S., Allright and Illinois Lover. These pigs will be priced to move them, as I must have the room.

E. C. CAVERLY, - Toulon, Stark County, Ill.

...PRAIRIE VIEW HERD POLAND CHINAS...

25 BOARS and gilts for the trade. Sired by S. B's Choice (106849). Gilts bred or open as desired. A few yearling sows and herd boar. Satisfaction guaranteed. Long distance phone.

J. D. Vorhees, R. R. 5, Charles City, Iowa

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uneeda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, - Danbury, Iowa.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Duke's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall.

Jno. J. Schmal, - Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address,

Jno. Schmieder, - Remsen, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, - Blainville, Illinois.

Onward by Keep On for Sale.

WAS in 2d Poland China litter at Des Moines, 1904, is a big heavy boned fellow, breeds that way. Will sell all or half and guarantee him in every way. Write at once.

A. C. LANHAM, BATTLE CREEK, IOWA.

Poland China Hogs

FOR SALE: six yearling boars. Good length, large bone and from large families. Sired by Perfection E. L. 2d 110093. Price \$18 and \$20. Address,

Judy & DeLashmunt, - Salem, Iowa

Hustle On 105337 Heads Herd.

400-lb. fall males, large, heavy-boned Poland China. Spring males, the kind that all want. S. L. Wyandotte and R. C. B. Leghorn chicks, \$1, S. H. cattle, Inter-state.

F. Ebendorff, Strawberry Point, Ia.

White Clover Herd POLAND CHINAS

BREEDING stock for sale. Sired by Black Perfection 105151. Write for description and prices.

M. T. McEvoy, - Emmetsburg, Iowa

PAPILLION HERD POLAND CHINAS.

WE offer an extra fine lot of pigs, sired by Ohio Sunshine 2d 26447 and Nancy Perfection 28439. Write for price and catalog.

Wm. Cline & Sons, R. 1, South Omaha, Neb.

POLAND CHINA HOGS.

POLAND CHINA BOARS

WE have 20 March and April boars sired by R's Keep On, Iowa Chief and other noted boars. Long, growthy fellows, good colors, heavy boned, smooth as an apple and out of large, roomy sows. They weigh from 175 to 200 lbs. If you need more size in your herd it will pay you to get one of these pigs. We guarantee our pigs as represented and always satisfy our customers. We cannot afford to send out a poor pig, as we are in the business to stay, and expect to supply our customers again in the future. Below is a copy of one of the many letters we receive from our customers:

RUKAZL Bros., Rockwell City, Ia.
DEAR SIRS:—We got the pigs Friday evening, the 20, O. K. We are all well pleased with them. They are just as you said they were. Respectfully Yours,
Nels Nortvedt,
E. O. Peterson,
M. H. Peterson.

Callender, Iowa.
All correspondence cheerfully answered.
Bred Sow Sale February 12, 1907.
RUEBEL BROS., - Rockwell City, Ia.



THE "General Utility"—"Nebraska Type." Grand Look 38305, Champion Boar 1906. Bred Sows and Pigs for sale. H. C. Dawson & Sons, Endicott, Neb.

POLAND CHINA BOARS

A T Pike Timber. Forty good, long, smooth, heavy boned boar pigs for sale. All got by my great herd boar Superior Sunshine 92455. Address,

T. A. Davenport, - Belmont, Iowa

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by Our Exhibition grand son of G's Perfection and Terrell's Wilkes 2d and out of matured sows. These pigs have good heavy bone, good length and are very growthy fellows with lots of quality and will be priced worth the money. Write at once. Address

C. W. PHILLIPS, - NEW SHARON, IA.

Bred Sow Sale, Feb. 20th.

CHOICE POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

WILLOWDALE POLAND CHINAS. MODERATE prices for the best blood of the breed. Herd headed by Master Sunshine 72227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S. S. best sow outside of Perfection family. M. S. is assisted by Eldorado 106425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Meddler, Corrector 2d, Spellbinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockerels, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire of pigs. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Wisner S Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. PRITCHARD, - WISNER, NEB.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the S great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are A1 boars.

J. C. Hoag, - Manson Ia.

Sandquist Bros.,

OAKLAND, NEBRASKA. BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

DUROC JERSEY HOGS.

If you want choice pigs sired by Fashion Improver, by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Aiden, Ia.

MIDLAND DUROCS 15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

CHOICE YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humiston, Iowa.

THE Grendell Herd of Durocs contains the blood of the most popular families, F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fattened, prolific, pedigreed, 5 strains. J. C. Jay, Mt. Pleasant, Iowa.

A SNAP!

IN boars by Defender. These are strong, vigorous fellows, good backs and heavy boned. They have had the run of a large pasture and are in fine condition. Priced to sell quick. Write now.

C. A. STEELE - Ogden, Iowa

LARGE POLAND CHINA BOARS. THE get of All Dude 106413, the 800-lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's ring), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars by him for sale. Wm. Pedrick & Son, Ottumwa, Ia.

HAMILTON'S POLANDS. SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

BOARS HARD TO BEAT 25 SPRING boars and 10 large fall yearlings by a 2d son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.

BERT FRY, - Plainfield, Bremer Co., Iowa

POLAND China Boar Pigs, March and April farrow sired by Black Perfection, dams by Sallor Sunshine. Heavy boned growthy fellows. Price \$15 to \$20. Write your wants. Henry Schlatter & Sons, Lawler, Iowa.

DUROC JERSEY HOGS.

BUY A DUROC JERSEY BOAR

Sired by

Crimson Wonder Again

The Iowa State Fair Sweepstakes Boar. I HAVE them and they are good ones. Also some choice boars by Lott's Top Notcher. Order right away if you want one. Address,

GRANT SUMMERS, - - Malvern, Iowa

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big 1 Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

A CHOICE COLLECTION
Of Duroc Boars For Sale.

DESCENDANTS of famous sires, Tip Top Notcher, Ohio Chief, Improver II, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

Fagan, Browning, Hess & McCabe, HERSMAN, - - ILLINOIS

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

DUROC JERSEY

SPRING boars and gilts for sale sired by Red Prince S 8915, B. S. Hero 21827, Orion Lad 23573. All stock guaranteed as represented.

W. L. Bonnett, - - Birmingham, Iowa.

BOARS! BOARS!

FOUR HERDS. Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794.



BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, Crimmon 1 Am 43105, by Crimmon Wonder, F. A.'s Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred.

F. A. STRONG, ORIENT, IOWA

50 Toppo Duroc Jersey Boars and Gilts

Sired by Junior Jim and Arlon. A choice lot of breeding stock will be priced right—so they will go—during the next thirty days. If you want something good, write at once.

R. C. POSTON, - - Corydon, Iowa

The Logan Valley Herd of Duroc Jerseys. DANIELSON 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, Lyons, Neb.

FANCY DUROC JERSEY SWINE OF BOTH SEXES
FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker and other leading strains.

C. W. WOLF, HAMPTON, IOWA.

I HAVE THE TOPPIEST
OHIO CHIEF BOARS

FOR SALE. Also hours by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd leader sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

LARGE, ROOMY DUROCS.

I CAN sell you as growtly a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money.

F. A. HAM, SARONVILLE, NEB.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

Greene County Herd Duroc Jerseys.

OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 pig boar pigs ready to sell. Write mentioning this paper.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Heuben and others.

CHAS. VAN PATTEN, SUTTON, NEB.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - - BLAIR, NEB.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Teale, R. 4, Lamoni, Iowa.

DISPERSION SALE OF

Short-horn Cattle

AT

Stanwood, Iowa, December 20th.

OWING to old age I am leaving the farm and offer at auction my entire herd of Short-horn cattle, consisting of 36 females and 7 bulls. They are all richly Scotch topped and are a very prolific and useful lot. I will include my 2 herd bulls, Baron Taylor 172837 and Diamond King 234716. Both are reds and exceptionally thick. This will be a splendid opportunity to buy good Short-horns at your own price. Address for catalog and further particulars

JAMES BURKE,

STANWOOD, IOWA

Col. GRIFF JOHNSON, AUCTIONEER

DUROC JERSEY HOGS.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.

A. W. LAMB, - - MONROE, NEB.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

The "Nancy Herd" Durocs } Sow sale } Pigs by Orion, Junior Jim, Critic's Echo. }
FEBRUARY 25, 1907. } Inspection invited. 125 pigs. Write us.
W. A. STAPLES & SONS, - - - - - GLIDDEN, IOWA.

PEEK & PUTMAN'S DUROCS,
TECUMSEH, NEBRASKA.

OUR pigs carry the blood of Ohio Chief, Tip Top Notcher, Hanley, Crimmon Jim, University Russell, Edd's Improver, Gifford's Orion, Chicago Kid. Watch this ad. It will keep you posted.

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 2 1905, for sale. Fall boars of herd leader type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryan, R. R. 1., Neponset, Ill.

80 BIG BONED DUROC JERSEY RED PIGS 80
FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA
THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growtly pigs by him and Elm Lawn Top Notcher are offered at prices that should move them.

Chas. Sobotta, - - Chilesville, Mo.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Road Bros., (Swine Specialists), Lake Park, Ia.

I. J. LORTON, Union City, Ind., proprietor of the I. Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growtly, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented.

I. J. Lorton, R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address ALBERT BELL, LAKE CITY, IOWA.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimmon Wonder Jr., Gilbert's King and other good boars. We also have an extra line fall yearling by Gilbert's King. We're offering these pigs at reasonable prices.

M. A. McWilliams, - - Wall Lake, Iowa.

KRASCHEL'S DUROC JERSEYS.

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHEL & SON, - - MACON, ILL.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in 1 Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

Minnesota's Sweepstakes Duroc Jerseys. I WON 1st and sweepstakes on boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimmon Wonder 1 Am blood. Good boars for sale.

Wm. Malcolm, Bigelow, Minn.

Preliminary Herd of Duroc Jerseys.

SPRING pigs either sired by Proud Advance, Top Notcher Again, and Tom Davis the second prize yearling at Iowa State Fair, 1906. I will sell bred Duroc gilts for one-half last winter's public sale prices. Write for what you want. Mention Homestead. W. J. Pratlner, Russell, Iowa.

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, Duke of Ohio 29529, George Hur 40851 and Alfonso 40849. Write for prices. Address, M. M. ELMENDORF, LACONA, IOWA.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15453, and fifteen other leading sires at prices that are right.

Edmonds, Shade & Co., Kingsley, Ia.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimmon Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

DUROC JERSEY HOGS.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, - - Portsmouth, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Ired Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimmon Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

ATHELRUD 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO., LYONS, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

WELCH'S POPULAR PRICED DUROC JERSEYS I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, Ia.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S. Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - - KENNARD, NEB.

PIONEER HERD DUROCS.

WE have several good boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

WALNUT GROVE DUROCS

I HAVE a few good male pigs for sale now. Prices reasonable. These pigs are sired by Belle's Model and Teddy K. and out of Itay's Choice and Higgin's Model sows.

HENRY C. WARREN, INLAND, NEB.

DID YOU SAY BOARS?

INDIVIDUALLY and in blood lines the Averydale boars are as good as can be found. Shall we tell you about them? Your money back, if we misrepresent them. A. M. Avery & Sons, Phone Averydale Line No. 3, Mason City, Iowa.

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growtly, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

15 DUROC JERSEY BOARS 15

Sired by Ambition, Keep On the 3rd, Crimmon S Orion, Topmost, a son of Tip Top Notcher and other good sires. Write for description and prices.

J. T. KELLEY, - - Gilmore City, Iowa

GRAND VIEW DUROC JERSEYS.

BOARS by Crimmon Wonder Jr. 41103 and Chief I Am Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.

F. M. HUFF, R. 2, AFTON, IOWA.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd of bull expansion at a reasonable price. No swine for sale now. Spring sale February 13, 1907. J. B. Davis & Son, Fairview, Kan.

SPRING boars sired by fancy Crimmon Wonder. S. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd leaders. W. A. Kirkpatrick, Lincoln, Neb.

FIRST-CLASS DUROC BOARS.

MAY farrow, 6 to 7 inch bone, crowding 200 lbs. In breeding shape, at bargain price of \$25 each.

Roy E. West, R. 1, Box 6, Churdan, Ia.

CHOICE DUROC JERSEY Spring pigs of March and April farrow, either sex. Good weight, bone and color.

Frank Warway, - - Mt. Pleasant, Iowa.

DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEYO & SON, Mason City, Iowa.

10 DUROC boars. Let me describe a \$15 or \$20 boar; 10 inquirers intending to whiff will clean them up. Try it. Pedigrees sent. S. S. Krehill, Donnellson, Ia.

KEAN'S Growthy Durocs--All ages, the best of breeding, extra large bone. Also one yearling and aged male. Frank Kean, Mt. Pleasant, Iowa.

JOINT SALE OF ..SHORT-HORN CATTLE..

45 Head will be sold at the J. W. Hanna farm on Wednesday, Dec. 12th.
SIX MILES SOUTHEAST OF GARRISON, BENTON CO., IOWA, AND 6 MILES NORTHWEST OF VAN HORN.



A GOOD practical money making lot of Short-horns. 31 females, 7 of which have calves at side, and 14 bulls. They are a useful lot, cleanly bred, and everything guaranteed breeders. We have included practically all of our 2-year-old heifers, and nothing over 5 years old in the sale. All females not having calves at side, of breeding age, will be safe in calf to one of our Scotch herd bulls. We are offering a fine useful lot of vigorous bulls from 12 to 18 months old. Nothing but good Scotch bulls have been used in our herds for years. Sale will be in heated tent on Hanna farm. Parties will be met at Garrison on C., R. I. & P. R. R., or Van Horn on C., M. & St. P. R. R. Ask for catalog. Address either,



J. W. HANNA OR ANDREW ROBERTSON, - GARRISON, IOWA.
CAPEY M. JONES AND J. W. HITE & SON, AUCTIONEERS.

DUROC JERSEY HOGS.

Buddy K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,

PAWNEE, ILLINOIS

WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow, sired by Top Notcher Model 37663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advancer and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R.

J.W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

Thos. Bennett,

Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

ROYAL RUBY HERD OF DUROCS.

I NOW have a fine lot of spring boars for your inspection. They are sired by Oceola Chief, a very large, heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a state fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are fine. They have been closely culled and nothing but the best is for sale. Free livery and entertainment. Telephone connections. Rural Route No. 2.

Gus A. Pederson, - Ocheyedan, Iowa.

Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Bevington, Kingsley, Ia.

40 TOPPY DUROC JERSEY BOARS 40

SIRE by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alix, litter brother to the sweepstakes sow Alix II. Good ones.

AUSTIN RENSIAW, Blair, Neb.

BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big Am, and other noted sires at reduced prices. Write for descriptions.

H. B. GRIFFITHS, - Bowen, Ill.

MAY & PORTER,

REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37865 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.

I. C. Welch, - Bedford, Iowa.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

FOR SALE: My Duroc Herd Boar

Crimson Wonder 41275 (half brother to Iowa Banker). Also some of his pigs from sows by Gay Advance 28775. L. L. Woods, Grinnell, Iowa.

DUROC JERSEY HOGS.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientsin 17261, Imp. Wonder 43861, A. L. Advance 43331, Odebert Chief 38271, a son of Perfection Chief 425 hog, Pleasant show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, P. S.—Eight November males of rare quality; three Top Notcher bred.

A. L. MOSSMAN, TELEPHONE 88-3, RADCLIFFE, IA.

Ohio Chief Male Pigs For Sale

I HAVE three extra good Ohio Chief male Duroc Jersey pigs that I will price right, if taken at once can suit you. Write me at once.

Also pigs by Adams Express, a full brother to Crimson Wonder. Male pigs by tail leading sires. I

FRANK ALLDRITT, NEBRASKA

CRIMSON WONDER I AM 34697

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or son wonder I am for \$100. Choice gilts also for sale. Will breed sows of quality and reputation to Crim service fee. Address,

U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

Sires in service. Red Orion 25793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 41113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Standard 41117 by Duroc Paragon 29181, by King Perfection 16235; dam Paullina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH, HAMBURG, IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

G. T. ROGERS, PETERSBURG, ILL.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, - CEDARVILLE AND XENIA, OHIO

30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at want of yearlings and spring pigs or come and see them. Address,

JOHN WIGHTON, Audubon Iowa.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 toppy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

HARMON GRUVER, Brewster, Minn.

DUROC JERSEY HOGS.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me

O. L. MOSSMAN, POLK CITY, IOWA.

MAPLE AND LAWNSDALE DUROC JERSEYS.

AS we have canceled our fall sale, we will sell the males that were reserved at private treaty. They are fine and sired by Big I Am, Tip Top Notcher, Perfection Chief, Cock Robin and others. Also will sell a well-bred 2-year-old herd boar. We guarantee satisfaction. Write for prices. Bred Sow Sale, January 30, 1907.

Manlove Bros. & J. H. Norris, Bowen, Ill.

HANLEY BOARS

FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

SHELDON BROS.,

A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS.,

Shannon City, Iowa.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancier. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

MULBERRY GROVE

HERD OF DUROCS.

HOME of Crimson Wonder Again, grand champion at Des Moines, '06. Also Top Notcher Again, champion at Ind. and Ill. in '03; also sire of Junior champion at St. Louis World's Fair. Big, strong boars by these noted sires for sale.

H. S. ALLEN, - RUSSELL, IOWA.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

2D prize boar in 18 months class Iowa Fair, 1905. 2D Manley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tientsin, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

PLEASANT DALE STOCK FARM

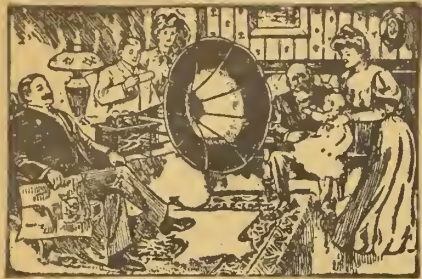
Geo. F. DORCH, Prop. Cook, Neb., Breeder of Duroc Jersey swine.

No Place Like Home

Be It Ever So Humble, Joy Rules
Where Hearts Are Happy

Is your home attractive to you? Or do you simply live there because it's just plain home? Home is only what you make it. If it's dull it's because you may be weary. If it's sunny it's because you are sunny.

If it's dull there is an offer for you that will bring sunshine into every corner of it. If it's sunny now you can make it a hundred times more attractive. The great Edison phonograph makes a palace out of the humblest home, just as it makes the



A DELIGHTED FAMILY GROUP.

grandest home a place of the strongest attraction.

And the Edison phonograph distributors are making such a surprisingly liberal offer that the best Edison machines are now within the reach of all.

If you are tired this wonderful instrument rests you. If you are seeking pleasure its melodies will give you a world of delight. If true refinement is desired the Edison gives you the benefit of the highest culture—real culture—that comes with healthful music. If you are seeking perfect happiness you will know what it means when you listen to an instrument that drives away all your care, and all your worry and gives you that wonderful pleasure that comes from the perfect voice, the perfect song, the perfect musical instrument.

Laughter and Song

Laughter and song move the world. They make the home. They are the perfect jewels that crown the domestic circle. The Edison phonograph laughs, it sings, it talks. Its voice thrills you with its beautiful music, moves you with its wonderful singing, or sets you off into a roar of happy laughter with its comical utterances. Where the Edison is there is no care, there are no "blues."

Music appeals to all. The Edison phonograph is music itself. The child feels its refining influence and enjoys its delights, the young folk take keen pleasure in its waltz or two-step or reel. The old folk get the full joy that comes from songs they love or new things they admire. A happy home—this is what the Edison phonograph gives. And a happy home is beyond price.

Magnet to Hold Friends

What is home without its big circle of friends? The familiar faces of those we love—we are glad to have them about us. What a thrill the labor-wearied housewife has when "company" is coming! Friends! They are the bright spots in our lives, and we never fully feel how we ourselves draw them to us by our qualities or surround-



DELIGHTS OF THE DANCE.

ings as they draw us. An Edison phonograph in your house is a magnet to all who know you. It is the charm that draws those you like into a closer circle about you.

A winter night! The cold blows and storms outside. Everything in the house is tight and snug. The stove casts a grateful warmth, the lamps throw their yellow

light over faces now smiling with the joy of a happy evening in the home. But reading tires, conversation lags. What shall we do?

The Edison phonograph is touched, and lo! there bursts through the house the thrilling strains of a Sousa march. What is your mood? Serious or light? The phonograph answers. It is a friend who never fails—a companion who never tires.

What the Editor Says

The editor of this paper knows well the difference in the home a phonograph makes. He had his dull moments till he got an instrument. Then what a change! "It's wonderful," was the cry from all. "The boys never were at home so much," said mother.

"Why, it's the best dance music I ever heard," said my girl.

You can't tear me away from my phonograph now.

What I did you can do.

You can make your home cheerful in a remarkably simple way, for the Edison phonograph is being sent out on free trial to all honest, responsible people.

Surprise in the Catalog

The new illustrated Edison catalog, which you can get by clipping the coupon in the last column of this page, quotes the great Edison outfit No. 5 at its rock bottom price. Prices and terms that may SURPRISE you. With this great Edison catalog you get a list of beautiful pieces and comic recitations, 1,500 selections of the

sound. We gathered such an amused crowd that the experience gave my girl an idea, which she put into practice a little later, when the weather got warmer.

Young Folk Made Happy

My girl was getting busy, busier than I ever had seen her before. There was a new spirit in her. She planned and fussed, and the first thing I knew she had arranged a big picnic. There was nothing remarkable in that, but she later confided to me that she was going to take the phonograph to the picnic grounds and surprise her guests. And she did. They had the merriest time a picnic party ever had, for the phonograph amused them and sang for them, and played so they could dance to their hearts' content.

Picnics became very popular after that, and phonographs began to bob up everywhere. Indoors and out you could hear their sweet voices. Our friends came so often and we were so taken up with the concerts we had to give them that we began to think we had no other tasks to do.

"Better charge an admission fee," said the Doctor.

"It's better medicine than yours, Doc," I said.

His laugh didn't sound very hearty.

Good in All Seasons

So it went from season to season. In warm weather we had our crowds outdoors and in cold weather we squeezed them in where we could in the house. It

have a number of light-hearted friends who are seeking an evening's lively amusement.



LAUGHTER AND JOLLITY.

You give them a minstrel show programme, something like this:

An Evening's Fun

9344 "Flanagan's Night Off"..... Talking Sketch
8293 "Turkey in the Straw"..... Song
8910 "The Yankee Doodle Boy"..... Song
8841 "I've Got a Feeling For You"..... Banjo Trio
9100 "Everybody Works But Father"..... Song
9404 "Jingles, Jokes and Rhymes"..... Song
9084 "Nobody"..... Comedienne Song
8013 "Casey Counting His Girl"..... Kissing Record
9280 "At the Minstrel Show, No. 6"..... Song
9306 "Nothing Like That in Our Family"..... Song
7358 "Pat Malone Forgot That He Was Dead"..... Song
4005 "Laughing Coon"..... Comedienne Song

The programme is just what you make it; and you can vary it to suit your mood or to suit your company. If your friends want to dance you have a marvelous selection of waltzes, two-steps, reels and jigs. If you want a Sunday service you can pick the finest sacred music ever written, your favorite hymns. If you want singing you can get the best of songs by the best singers. If you would rather have instrumental music, the list of band and orchestra pieces is immense.

Phonograph a Necessity

The editor is so confident of your approval that he is inclined to grow enthusiastic, but enough to say you are missing a great deal if you haven't got a phonograph. Why, it is no longer a luxury. It is almost a necessity, and soon it will be a necessity, for everybody is getting one. And it isn't a fad, either. It never tires. You play the things you like over and over. If you are tired of them you have a whole world of new things to choose from.

The Edison catalog, which costs nothing, is a marvel. It tells you how easily you can get the noted Edison outfit on an absolutely free trial; how, if you are a responsible, reliable person, they ship to you without any cash, without any deposit, without C. O. D., without any guarantee, the wonderful instrument for a thorough trial in your own home, where you can use it on free trial 48 hours or more.

A Valuable Catalog

The catalog explains how, after you have thoroughly tested the machine, if you do not want it you can return it at the expense of the Edison distributors. On the other hand, if you should want this King of Entertainers, and I know you will, you can pay in full or on easy payments. You suit yourself about that, for there is no difference in the price. Cash customers are not given any discount because there is only one price for the Edison—a rock-bottom figure, below which the Edison is not allowed to go.

Mr. Edison says:

"I want to see a Phonograph in every American Home."

Sign This Coupon

and get promptly the great Edison catalogue and the free trial offer on Edison Phonographs.

Your Name.....

Your Address.....

You need not bother with a letter; just write your name and address plainly on the coupon, inclose in an envelope and mail today to FREDERICK BABSON, Edison Phonograph Distributors, Suite 3248B, 149-150 Michigan Ave., Chicago, Illinois.



Edison Outfit No. 5

Thomas A. Edison

Mr. Edison famous phonograph—the (new style, 1907 model) latest improved instrument—by far the finest phonograph ever produced and now to be bought at the surprising **ROCK-BOTTOM PRICE—**one-fourth the price of inferior imitations.

HERE is the great Edison outfit No. 5, the outfit which is now being shipped on free trial to responsible persons everywhere in the U. S.—payable either cash in full after free trial or on easiest payments—Two dollars a month, a dollar a week or less, just as the purchaser prefers. The editor advises you to write for a free Edison catalog to Mr. FREDERICK BABSON, Edison Phonograph Distributors, 149-150 Michigan Ave., Suite 3248B, Chicago, Ill.

great classics as well as the latest popular airs. This catalog is free, prepaid, and with this catalog you get full explanation of the free trial offer.

The editor is impressed by the variety of entertainment the Edison affords. With this instrument you can play any kind of a programme you like—serious, religious, humorous, classic or miscellaneous.

Suppose you want to give an afternoon or evening entertainment to your friends—one of the kind that costs a dollar or two in the big cities. You select your list and you can have a free concert something like this:

An Afternoon Concert

9237 Waltz of the Roses..... Orchestra
9162 "Silver Threads Among the Gold"..... Song
9288 "So Long, Mary"..... Song and Chorus
8902 Virginia Reel..... Military Band
2018 "Holy City"..... Song
93 "Stars and Stripes Forever"..... Sousa March
8958 "In the Shade of the Old Apple Tree"..... Song
8784 "Dixie"..... Patriotic Selection
9054 "Dearie"..... Song
7207 "Nearer My God to Thee"..... Sacred Quartet
8347 "Hiawatha"..... Concert Band
804 Anvil Chorus from "Trovatore"

The editor has tried the phonograph under all conditions. The wonderful instrument has no seasons. Summer or winter, spring or fall, it is always ready to lend itself to your service.

"Let's take the machine out-doors," said my boy, after we had had it a little while. It was a soft, spring evening, and we put the box on the porch and touched it off. The great tone could be heard for blocks, which astounded me, for I had not realized how the walls of a house can confine

gave the boys and girls the finest kind of an excuse for getting together, and of course you know they were not slow to take advantage of the chance. Their good spirits and laughter and merriment made my heart light, and I wished I could pass this feeling on to everybody.

Suppose you want to fill your home with fun. You have only to pick out from the



JOY FOR EVERYBODY.

thousands of records what your tastes suggests from a long list of rollicking songs, comical recitations, and lively minstrel performances. Every shade of taste is represented, so that you can suit yourself perfectly. For instance, suppose you



THE AMOUNT OF GRAIN FOR CALVES

The following communication has been received from a subscriber, Mr. I. P. Brandt, of Sumner county, Kan.:

I am feeding some spring calves and would like to have a little information concerning the amount of grain that they should eat daily. I have to use corn, oats and bran and for roughage wild hay and kafir corn fodder. How much grain would you advise feeding daily and what proportion of each would you use?

Much depends upon the character of these calves and upon the intentions of the owner. If it is his desire to finish them out at an early age they should receive just about all the grain that they will eat up clean, and the same is also true of the roughage. On the other hand, if it is only the intention to take them through the winter in good form so they will be ready to turn onto grass and make good gains next spring and summer, less grain will be required. A calf that has been well started ought to go through the winter on a pound of grain a day for every hundred-weight of the calf.

The above-mentioned amount, however, will not contribute to the greatest possible gains. Professor Henry in his "Feeds and Feeding," reports an instance where W. A. Harris, of Linwood, Kan., made Short-horn, grade and pure-bred steers weigh from 910 to 920 pounds at the age of eleven months. Mr. Harris estimated that each calf consumed 1,120 pounds of corn, 1,000 pounds of bran and 300 pounds of oil meal. According to these figures Mr. Harris' calves ate practically seven pounds of grain daily until the time they were eleven months old. Of course, during the first few months they would not eat as much as a pound daily per hundred weight, but during the last few months they would eat more. This method of feeding means that they are being shoved for just about all they will stand, because any man who can make a calf weigh 900 pounds at eleven months has a good one to begin with and must feed him well every day.

A good mixture for the calves in this instance would be equal parts of corn, oats and bran. This ration will be a little more expensive than corn and oats, and for that reason it might be practicable to feed rather a larger proportion of corn. If the calves do not carry much outward fat we would have no hesitation in supplying them with a ration composed almost of one-half corn.

QUEER THINGS ABOUT HOG CHOLERA

A subscriber, Mr. E. E. Roberts, of Adams county, Iowa, sends the following communication:

You have frequently advised your read-

ers to be very careful when cholera is in the neighborhood about scattering the disease with wagons, horses, dogs, or even the hoots of man. You state that germs are carried about in this way and that much of the loss could be cut off if one were more careful in this regard.

In view of this I would like to give you a little of my experience. There was a good deal of cholera in my neighborhood a few years ago and I succeeded in keeping a bunch of 250 hogs in the very pink of health. I used a little Venetian red and some turpentine in their swill three or four times a month, my object being to absolutely destroy all worms in the intestines. Practically every neighbor lost his hogs, and as mine were healthy I was naturally priding myself over that fact. One day, however, the worst happened and my entire bunch got through the fence and visited a neighbor who had lost nearly all his hogs. Some had been thrown over the fence, and before I got mine rounded up the carcasses of several were eaten. I thought, "Surely I'm in for the cholera," but strange to relate I took those hogs home and not one case developed. I kept them three or four months after that time and there never was any indication of cholera in my herd. If cholera is spread in the manner you describe, how do you account for this instance? The fact given cannot only be vouched for by myself, but by many of my neighbors.

An instance of this kind would indicate that the hogs in the neighborhood referred to here were not affected with cholera, but were in all probability swept away by other trouble, notably worms. The bunch that were saved in this case, as Mr. Roberts states, were fed Venetian red and turpentine, and this, without doubt, kept them free from worms and they were therefore in the pink of condition when the neighbors' were dying. We have known cases where well posted men made the claim that worms were the cause of all the loss that is commonly credited to cholera and swine plague, but we take no stock whatever in that theory. We have known instances where whole herds have been swept away in a very few days, and in such cases no man can stand up and tell us that worms will bring about fatality so suddenly.

Moreover, we do not believe that it would be possible to turn a big bunch of hogs like these loose and let them consume hogs that had died of cholera and yet escape the disease. We still hold to the theory that it pays, and pays well, to take every precaution to keep germ diseases away from the farm. Long ago we came to the conclusion that it did not pay to keep a dog, especially one that ever went away from home, and much as we like a good dog yet we prefer to sacrifice in order to lessen the danger of bringing cholera to the farm. One would make a great mistake if he were to assume that because Mr. Roberts' hogs came in contact with a diseased herd and did not take the disease,

that it is ever safe to be careless about a matter of this kind. Keep them free from worms and healthy and they are much more apt to resist disease if it should get into the herd, but at the same time do not fail to be convinced of the fact that if the real thing gets into your herd it matters not how healthy they are you are apt to lose a very large percentage of your animals. We base this statement on the fact that some of our most successful swine raisers, men who always feed a balanced ration and who use plenty of disinfectants and keep their hogs free from worms, have had their entire herds swept away in the matter of a few days, or at the outside in a few weeks.

MODERN CONVENIENCES FOR THE FARM HOME.

The above is the title of a bulletin recently prepared by Elmina D. Wilson for the Department of Agriculture, Washington. It deals with almost every phase of supplying water to the home and discusses at length cisterns, elevated tanks, pneumatic tanks, etc. The question of power is also taken up and the hydraulic ram, windmills, gas and hot air engines are all compared in the matter of cost and utility. Even the heating system in its modern application is treated in detail, and the question of ventilating the house is given full attention.

This bulletin is well illustrated and it is written for the man or woman who is a non-expert along these lines; that is, for those who have to deal with the problem of improving their home, but who have to employ others to do the work. The bulletin simply furnishes a lot of bright ideas that will help the person who is building a new home or overhauling an old one.

Those who are specially interested in this subject should write the Department of Agriculture, Washington, D. C., and make a request for Farmers' Bulletin No. 270. It may be obtained free of cost.

THE PROFIT IN GRINDING GRAIN.

The following communication has been received from one of our subscribers, Mr. Chas S. Kling, of Chickasaw county, Ia.:

The subject of grinding grain has never been discussed to my entire satisfaction. I have in mind the feeding of oats and corn to hogs and to milk cows. My observation is that whole oats fed to cows will to a large extent pass through them without being masticated. The same is true to some extent with corn. I believe that others besides myself will be interested in the question, and I hope that you will give it a thorough discussion.

Possibly we cannot do better than

quote from Professor Henry, of the Wisconsin station, on this matter of grinding grain. On this subject Professor Henry says:

This subject is a difficult one to discuss, owing to the great variety of conditions existing as to both grain and animals. Directions are here given which may serve to guide the feeder in his practice. For horses which are out of the stable during the day and worked hard, all grain, with the possible exception of oats, should be ground. For those at extremely hard work, all grain should be ground and mixed with chaffed hay. For idle horses, oats or corn should not be ground, nor need the hay or straw be chaffed. A cow yielding a large flow of milk should be regarded as a hard-working animal and her feed prepared accordingly. Fattening steers and pigs may be crowded more rapidly with meal than with whole grain, though there is more danger attendant upon its use. Sheep worth feeding can always grind their own grain. In general, idle animals and those having ample time for mastication, rumination and digestion do not need their grain or roughage prepared as carefully as do those with only limited time for these essential operations. Experiments quite generally show increased gains from grinding grain, but in many cases they are not sufficient to pay the cost of grinding.

In two experiments conducted at the Kansas station in the feeding of steers, 6 per cent of grain was saved in one instance by grinding and in another 35 per cent. The latter is a larger saving than has been effected elsewhere by any of the experiment stations. An average of the results obtained in feeding swine at the Kentucky, Missouri and Ohio stations shows that it required 533 pounds whole corn to make 100 pounds of gain, whereas in the case of corn meal it required 532 pounds for 100 pounds gain. In some very extensive experiments in feeding hogs at the Wisconsin station, Professor Henry found that the saving effected by the grinding of corn was 8 per cent.

It will be seen from the results quoted above that there is some advantage in the grinding of grain, but another factor enters into the situation that should be considered. For example, the experiments at the stations along this line were concluded with the use in the one case of ground grain entirely, and in another case whole grain. So far as we know, there have been no experiments performed in which only part of the ration was ground, and herein lie great possibilities for error. In actual practice we have found that in the case of hogs, steers and cows it pays to grind at least part of the grain. Take a bunch of fattening hogs, for example, and give them a mixture of ground grain that has been steamed and you will find that the use of this ground grain, fed in the form of a slop, will affect the digestive system in such a way as to seemingly make the hogs get more out of the whole grain consumed. Some of



THE LAST LINE-UP AT IOWA AGRICULTURAL COLLEGE BEFORE STARTING FOR INTERNATIONAL EXPOSITION.

Reading from left to right the steers are: General Manager, Black Prince, Krambeck, Gay Rock, Tama Jim Jr., Black and White, Blue Rock and Gridiron.

the best gains that we have known to be made in the case of a bunch of fattening hogs have been made in this way—that is, by feeding one meal a day of ground grain.

Where one is feeding oats to cows, along with bran or corn, we think that it pays to grind both the oats and the corn. In this case we would not shell the corn, but grind it cob and all and mix together the corn-and-cob meal, the ground oats and the bran. If these are mixed in equal parts and dairy cows given about all they will eat up clean at a feed you will get good results at the milk pail. This is not based on any experiments conducted at the stations, but is based on sound experience and we have no hesitation in recommending it.

FECONDITY OF POLANDS AND DUROCS.

Some time ago the department of agriculture at Washington undertook to ascertain whether or not the Poland Chinas were increasing or decreasing in fecundity. Nothing is more common than to hear men state that the Poland Chinas are not nearly so prolific as they were years ago.

The records of the American Poland China Association were examined into and it was found that during the years 1882, 1883, 1884, 1885 and 1886, the average size of litters varied from 6.81 to 6.98, and that the average was 6.87. In other words, the average during those five years was practically six and seven-eighths pigs per sow.

In the years 1898, 1899, 1900, 1901 and 1902, the size of litters varied from 7.43 to 7.61, the average for the five years being 7.49. This means an increase in percentage of a little more than one-half pig per sow during the latter five years as compared with the former. An examination of the records of the Ohio Poland and China Record show that during the years 1882, 1883, 1884, 1885 and 1886, the average size of litters varied from 6.95 to 7.32, the average being 7.16. In the years 1898, 1899, 1900, 1901 and 1902, the average size of litters varied from 7.56 to 7.63, the average being 7.59. In this instance the gain in fecundity, or in the size of litters, amounted to a little less than one-half pig per litter per sow.

Combining the records as taken from both associations, it was found that during the first five years, that is from 1882 until 1886, the average size of the litter was 7.04, while from 1898 to 1902 it was 7.52. This means an increase of .48 per litter. Considering the fact that in the first five years fourteen thousand litters were taken and that in the second five years thirty-nine thousand litters were used in making the above computation, it must be apparent that Poland Chinas are increasing in fecundity. When it is considered that the hogs in this instance come from pure-breds and that these are used largely for foundation material, this item of nearly one-half pig per litter is a matter of considerable importance. It shows that we are going in the right direction.

Duroc Jersey records were also considered by the department. It was found that from the years 1888 to 1892 the average per litter in the case of sows registered in the National Duroc Jersey Record was 9.04, while from 1893 to 1897 the average was between 9.25 and 9.33. Although the figures in the case of the Duroc Jerseys are not considered of value as showing any increase or decrease in the fecundity of Duroc Jersey sows, they are valuable inasmuch as they give a correct idea of the fecundity of the breed as a whole.

FEED MILLET JUDICIOUSLY.

From the acreage of millet that we have observed going into stack this past season there will be much of this valuable hay fed this winter. With the scarcity and prevailing high prices for hay and other forms of roughage in many parts, the tendency will be to over-feed with millet should there be a good supply on hand.

Millet is one of the hays that must be fed with a degree of caution. In the first place it should not be fed to horses. The use of this hay by horse-men has been very unsatisfactory and careful farmers never allow their horses access to it. The irritating seeds have an undesirable effect, and the kidneys appear to be excited. The result is that the system is poisoned and in some cases the joints swell and produce lameness.

For other stock, millet may be used without danger. When fed as the only

roughage the results are much less favorable than when used as one-half of the hay or forage. Millet that has been cut in an early stage so that it comes out of the stack with a very bright green color often produces scouring. In this condition it should be fed carefully.

Everyone has noticed how sparrows flock to millet stacks. Poultry will scratch a millet stack bottom over and over again. The seed is used extensively by poultry feed manufacturers. In composition it compares with corn, but contains more crude material.

The hay is very similar to timothy in composition, being quite deficient in fat and protein, hence it will be seen why free use in the dairy is not desirable. Fed in conjunction with clover hay to cows and young stock, except horses, millet should produce satisfactory results. It is one of our forage feeds that will never yield an extensive acreage, but a few tons on the average stock farm will always come handy.

HANDLING HOGS IN WINTER.

The following communication has been received from a subscriber at Cassopolis, Mich.:

When shall we have the young pigs come? is a question that is bothering me at this time. I have ten March sows to breed and am inclined to believe that the first of January will be soon enough to breed them. I think I can figure on one-third more pigs to have them come about May 1st instead of any time during March. The pigs will have a more uniform growth with fewer runts, will be much easier and cheaper raised, and I think will weigh more than the March bunch of pigs by winter. During the fall while the weather was dry I went to my pasture field where I had fed my hogs during the summer and gathered up about forty bushels of dry cobs and put them in a bin in the corner of my granary. The granary has a stove in it and a cement floor. During the winter I gathered up the rest of the cobs as fed every night, which gave me cobs enough to heat two pairs of water boiling hot during all the coldest weather. I turned this hot water into one pair of wheat middlings, stirred thoroughly, then diluted with four pairs of water from the well. This ration was given about 10 o'clock each day. My boiler was a square box 10x16 made of wood with a sheet iron bottom. It would be a great saving of fuel if the stove used were such that the boiler would be close down to the fire. If the stove pipe runs up through the bottom of the boiler another saving would be attained. This of course would make the boiler stationary and necessitate dipping the water out, or having a faucet. This small ration of middlings is fully paid for in the better digestion of the corn you feed, aside from the good that the middlings do.

We heartily commend the practice of feeding slop somewhat warm to hogs during the winter. Most of the experiments conducted at our stations with cooked feed for the purpose of ascertaining the relative value of cooked and raw feed are to some extent misleading, as the ration in one case is entirely cooked and in the other case all raw. No farmer would attempt to feed in this manner. In the first place it would make his feed too expensive, and in the second place there is not a farmer in the corn belt but knows that the hog is amply able to digest the greater part of his ration in a raw state. It is an entirely different proposition, however, to supply just a little warm feed every day, because, as expressed by this subscriber, the warmed mill feed seems to aid digestion so that the hogs make better use of the corn.

We have known many instances where a good feed of warm slop once a day during the winter made the difference on a big bunch of hogs between a gain and a loss. It is not by any means impossible to take a good growthy bunch through the winter making an average daily gain of one and a half or two pounds if they are fed warm slop once a day, while on the other hand if they are given nothing but cold water and dry grain there may be weeks at a time when they will stand still.

The plan of cooking must be adapted to conditions, though we have found that it is generally cheaper in the end to buy a good cooker rather than to temporize with a home-made affair. Nothing is better than a good meal of warm feed once a day for brood sows, and for this purpose one can use the small grains, such as oats or barley. Of course if to this may be added, when it is warm, a little oil meal or tankage, so much the better because this contributes to the health and thrift of the sows and to the proper development of the little pigs.

"TIP" AND "BUTT" IN CORN SCORE CARDS.

There are a good many corn growers who are not in accord or in sympathy with some features of the score card that is used in most of the states of the corn belt. On most of these cards 10 per cent of the points are given

for tip and butt covering; that is, 5 per cent for each item. Of course, every man prefers to have corn that is well covered on the end if the standard is maintained in every other respect. The objection to this "covering" item, however, is that when this is closely followed in selecting corn from year to year the tendency is to shorten the ear.

The percentages given in the score card, either for stock or for grain, are interwoven one with the other, and because of that it will always be difficult to think of a part separate from the whole. One might have an ear of corn that would score full on butt and tip and yet be only five or six inches long. Such corn, of course, could not be rated high if judged according to the score card, as it would fall off seriously in the number of points given to length. The only question is that the ten points given for length, even if wholly deducted, are not sufficient to indicate the true value of such an ear, and in that case the score card cannot be slavishly followed. As said before, each item is closely related to every other item and the whole is in turn subject to modification according to special tastes and knowledge of the man who is selecting the seed.

We favor the practice of keeping up the length in the selection of seed, whether the butts and tips are well covered or not, particularly the tips. We would rather have a typical ten-inch ear without a single kernel over the tip than one fully covered, though but nine inches long. In the first place the bare-tipped ear that is an inch longer than the other will in all probability weigh out as much grain, while as a foundation ear there is no question that the product of the long ear will more nearly be up to size than in the case of the shorter ear, if there is anything in the theory that like begets like. It is not unreasonable to suppose, however, that by skillful selection from year to year it might be possible to keep up the length and at the same time keep the tips well covered. We have in mind a few varieties that very closely approach perfection in this regard, and enough has been done already to indicate that men should not be too hasty in coming to the conclusion that it is inadvisable to pay attention to tip covering, but, as said before, keep up the length that seems to be best adapted to your conditions. If corn ten, ten and a half or eleven inches in length matures with you, there should be no difficulty in selecting out of a few thousand bushels enough corn right up to the standard to plant next season's crop. If either the item of length or tip covering must be sacrificed, and one is of the opinion that corn is not too long for the locality, then by all means sacrifice the tip covering.

MARKETING SALE HOGS.

One of our subscribers from Lake Park, Iowa, asks for information concerning the marking of hogs on sale day. He calls attention to the fact that under ordinary circumstances it is hardly possible to watch the ear marks, and for that reason desires to have some of our readers give their views.

We would be pleased to hear from men who handle pure-bred hogs on this subject. Of course the marketing material that would be used in the case of a white hog would not answer with Poland, and vice versa. This matter should be taken into consideration in the description of methods.

UNLOADING MANURE IN PILES.

The title refers to that time-honored practice of unloading manure in small heaps in the field, and scattering later those piles which the harrow, the wind and weather did not reduce sufficiently to be plowed under.

Not until of late years has the full value of barnyard manure been appreciated. It is easy to see how people who little regarded its worth might take this method of getting a disagreeable job off their hands quickly. But nowadays when the value of this product can be calculated in dollars and cents, it would seem that more improved methods might be used.

The objections to handling manure in this way are not theoretical. They are so plainly sensible that the farmer following such a plan should be convicted of his mistake on a moment's thought.

The work is rather lengthened than shortened. The task of scattering the piles will quite likely be neglected until some inopportune time, and besides it is

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much easier to spread manure from the wagon than from the ground. The results will be very uneven for where the heap stood the best part will leach into the soil and the following season there will be found a rank growth there with more plant food than needed, while about it there will be a lack of nourishment for vegetation. If it happens to be small grain it is liable to lodge and if it is pasture the grass will be rank and coarse and often left untouched. Theoretically the manure when in the heap also depreciates the same as it does when left about the buildings. This is due to the fermentation, though of course it is not marked in the small piles and probably not accountable for much loss.

The manure spreader is ideal in the matter of spreading manure and litter. The nearer the man with a pitchfork can duplicate its results the better.

FEEDING OUT A BUNCH OF HOGS

The following communication has been received from a Kansas subscriber, Mr. J. N. Wolfenbarger:

I am handling a bunch of seventy-five shoats that now average between 100 and 120 pounds. They are now running behind cattle and have the freedom of an alfalfa pasture. I have to market these hogs about the 1st of February. How shall I handle them to get the largest possible gain on the least amount of feed?

A good many modifying factors enter into a proposition of this kind. In the first place, if these hogs are running after a small bunch of cattle in all probability they will have to be given some grain outside of what they will pick up around the yards. Just the amount of this will be determined by the judgment of the man who does the feeding. The mistake that is likely to be made is that of feeding too much corn. The experiment stations have demonstrated that it always pays in feeding out a bunch of hogs to use some of the by-products of the mills, such as shorts, oil meal or tankage. Even if these are only used so that they constitute no more than one-ninth or one-tenth of the grain ration, they will be profitable in this proportion. If the by-products are not available, it is entirely practicable to use the small cereals, such as oats, rye or barley. If these are mixed with a little mill feed and soaked for a period of twelve hours before being fed, they generally make a highly palatable ration and tend to balance the corn.

We have known some exceedingly successful swine raisers who make a practice of feeding corn twice a day; that is, morning and night, and use slop at noon composed of small grain or mill products. This gives variety to the ration and, as said before, it also balances it. With the coming on of cold weather it will pay, and pay well, to warm the slop that is fed. We have known instances where this practice resulted in making double the gains on the same amount of food as would have been obtained had no warm slop been fed. If one goes to this trouble, he could carry the matter one step farther and warm all the drinking water. Hogs on a heavy grain ration will drink a great deal of water if they have access to it after the chill is taken off. It is not unreasonable to suppose that half the amount of food eaten by hogs during cold weather is required for warmth. If much water is taken into the system at the freezing point, do not be surprised if it takes the other half to warm this water.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for 25 years.

Farm Furrows

Turned by a Practical Farmer.

Don't let your angry passions rise when your neighbor asks you to fix up your part of the line fence.

Don't be affable, nice and smiling with your friends and as grouchy as the old Harry with the members of your own family. People who live with you need the sunny side of your nature the most.

There is no show or gathering during the year at which a farmer or stockman can receive such an inspiration as at the International Stock Show in Chicago. If for any justifiable reason you are unable to attend, do the next best thing. Read a full report of it in this paper.

A Missouri girl married a young guide, who, after the wedding, took out a thousand-dollar life insurance policy. On a trip the young bridegroom was accidentally killed. The widow notified the family in a note that read: "Bill parst away yestidy. Loss fully covered by insurance."

The thief that stole on the instalment plan was not the first man to apply this method to his art. Many a farmer works on the instalment plan, mixing town-going, neighboring and other side issues with corn gathering. His final visits to the corn field are usually made before Christmas.

I never could understand why steers should sell so much higher than heifers when they are fat. I have slaughtered a good many of both kinds and am free to say that I could detect no difference in the quality of the meat. It is said that an Englishman prefers heifer meat to steers, and no one will deny that "Johnny" knows something about meat.

Apples are so plentiful that we can afford to eat them in any old way we like. A good cook tells me that boiled apples are better than baked apples. That's new to me. She says to rub the apples clean, and to stick four cloves into each apple. Put in an earthen dish and half cover with water, add one cup of sugar to each pint of water, place on the stove and cook until the skins of the apples crack open, then boil down the sirup until like jelly and pour over the fruit. Sounds good to me.

I am tired raising road horses around where there are barb wire fences. One can rear a dozen drafters and never get a mark on them, but just as soon as you decide to raise a good driving horse you find that the barb wire fence is his enemy right from the start. I had an extra good colt this year and twice she has been cut to the bone on the fore arm with barb wire. Fortunately the wound has healed well, but nevertheless I don't like the business. A man ought to have woven wire fence or go out of the business of producing standard horses.

I have come to the conclusion that a good melon patch is the best paying piece of property that one can have on a farm. This year my boys asked me if they couldn't put in a little patch and I gave consent. In my absence they planted the melons, and to my surprise they used nearly a quarter of an acre of ground. For six weeks we had melon three times a day and melon in the evening when company came. After the season was over we got enough from the patch to pay good rent for the ground, though we fed the melons to hogs and cattle. I have always been on friendly terms with the melon and in that respect the boys take after their dad.

The Hints and Devices department of this paper has furnished many a man with ideas that have saved him labor or money, or both. The chief value of the suggestions that are given in that department is due to the fact that they come directly from the farm. The reading season is on us once more, and the Furrows man suggests to subscribers the advisability of sending in a good hint or device. There is not a farm in the corn belt but what has some convenience that is not found on any other farm. It may have been there twenty-

five years and so common-place that you don't notice it. Please think over the situation, ascertain what you have that might help the other fellow and send it in at your convenience.

Reports indicate that election bets have nearly all been settled. A friend of mine lost out and his bet was that he would saw a cord of wood on the public highway. Wood is so scarce in this part of the country that it looked for a time as if the bet would be settled without the work. It was produced after a time, however, and the program carried out. The "better" afterwards gathered up the sawdust and said that it would be handed down to future generations as Exhibit "A," showing the foolishness of an ancestor.

The smell of ripe apples is more satisfying than the finest of perfumes. We mean those large, luscious, sound ones that are to be found in the cellar. An old apple grower once told us that half the enjoyment of the fruit was in its fragrance. He would sit with a large

red one in his hand and smell of it like a flower. The old man was not so fanciful after all.

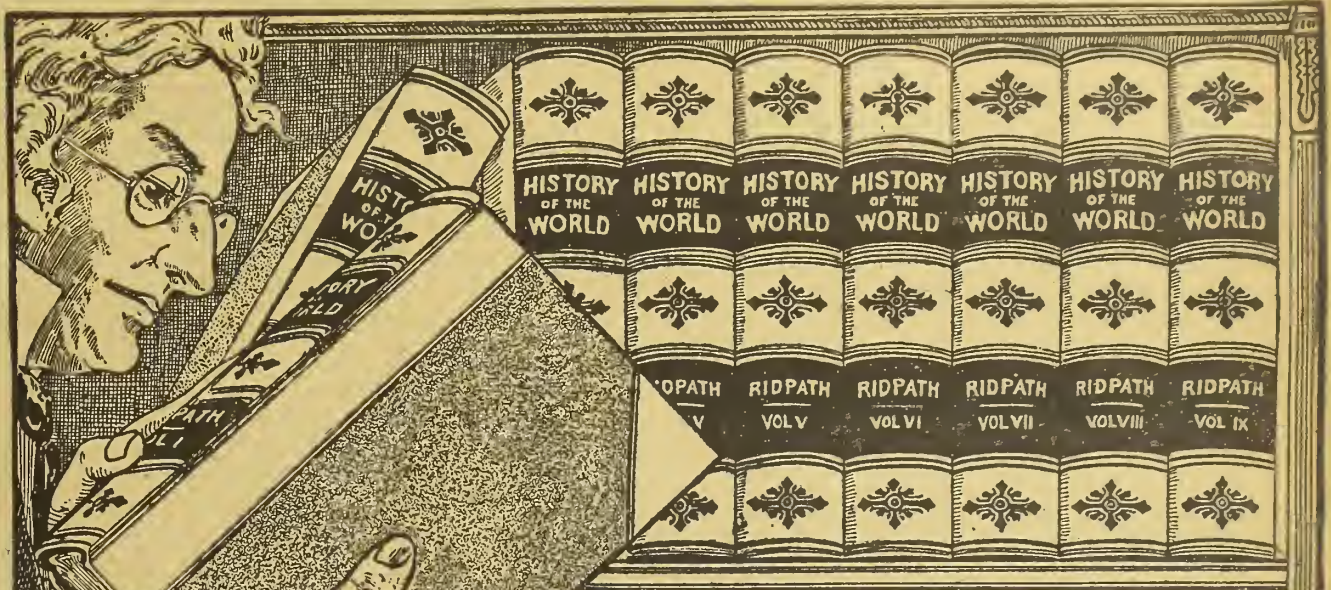
The new government inspection law makes it pretty difficult for goats to masquerade for mutton now. The retail butcher knows what he is buying, though of course many a consumer will eat his goat chop thinking it is high-class mutton. Mohair is less in demand for garments also and goat ranches may need to send their stock to the brush and tin pile.

If there is one thing harder than another it is to find a convenient and satisfactory method of watering hogs during the winter, because all patented waterers are put out of business just as soon as the weather is cold enough to freeze water and keep it frozen all day. I saw a pretty good plan last winter. A stockman friend had made a box four feet square and two and a half feet deep out of plank. He buried this in the ground so that only a foot appeared above the surface. A

tank heater was placed in this big box and it was then covered all but one corner, out of which the hogs drank. It pays to have some contrivance to warm the water for hogs, especially for those being fitted for the meat market.

With many it will soon be time to "swap roosters" and a few patriarchy will be spared their heads for another season. Possibly this manner of securing a male fowl may be all right, but the many troubles that poultry people have to contend with in the way of infertile eggs and disease points to faulty management somewhere.

There is trouble brewing in the Aberdeen Angus Association, as a good many of the stockholders of that association are dissatisfied with the way affairs are managed in the office. The proxy business has run riot and the servants of the association are now its masters. There are good and bad sides to the proxy question, but it's never a good plan to let a secretary get control of them all.



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IN-AND-IN-BREEDING.

In a bulletin published recently by the Michigan Experiment Station relating to a plan for improving Michigan cattle, the subject of in-and-in breeding comes in for a little discussion by the author of this bulletin, Prof. R. S. Shaw. Among other things, Professor Shaw says:

It is astonishing the extent to which in-and-in breeding and in-breeding are allowed among the common stocks of the country, and this, too, by some persons who realize fully the seriousness of the practice. It arises, of course, from the selection of sires from among the offspring of the herd; in some cases, it may be due to a lack of means to make a suitable purchase, but, in general, it is due to carelessness or indifference. When in-and-in breeding is carried too far the following evils are likely to result, namely, loss of size, delicacy of constitution, impaired reproductive powers, and in fact, general deterioration.

The practice of in-and-in breeding and in-breeding should not be denounced entirely, for they may become useful factors when employed by those skilled in the art of breeding; they must almost necessarily be used in the formation of new breeds, where it is the aim to fix new characters in animals and secure uniformity and permanence in the transmission of the same. But, on the other hand, the improver of common stocks has no occasion to resort to close breeding. He is not going to become a breeder of new breeds, or types, but is going to improve his common stock through up-grading, in which he will rely solely on the prepotency of the sires chosen to work the transformations by which each succeeding generation will be brought nearer to his own standard of excellence.

There are a good many men in the corn belt who are ready with a club for the man who has anything to say against the practice of in-and-in breeding. They claim that only in this way is it possible to fix type within the breed and that to denounce the practice is to simply try to remove the corner stone from the breeder's business.

We agree with Professor Shaw that the practice should not be denounced entirely, because those who are skilled in the principles of breeding have been able in the past to bring about marvelous results in the breeding of animals that are closely related. The average man, however, whose means do not permit him to buy top animals, especially males, should guard against the practice of pur-

chasing males that are closely related to his females. He is sure to propagate or fix the imperfections rather than the perfections.

Some time ago we cited an instance where a sow with four pigs when bred to a half-brother, farrowed and raised a litter of ten, and when these weighed 250 pounds they were all walking on their dew-claws. The plan in this instance was to fix other desirable characteristics in the offspring of this sow, but instead the weaknesses were reproduced. The breeder in this instance rid himself not only of the offspring, but of the sow herself.

It often happens that one has a pig that is a half-brother to all the young sows, and as it is cheaper to use him than to buy an unrelated pig, the practice is too often resorted to. The same is also the case in too many instances with pure-bred cattle, and the practice in our opinion is responsible for the tearing-down of constitutional powers and the lessening among females of prolific qualities.

We can well understand the temptation to in-breed, because where no in-breeding has been practiced in a given strain of live stock, the tendency to variation is very wide. This is especially true among hogs. If there is no in-breeding, you may have several types in a single litter, whereas in the case of in-bred stuff they may be as uniform as peas, as the saying goes. However, you will usually get more pigs to the sow if she is not in-bred, and other things being equal they will have better constitutional powers, and if they are intended for the pork barrel they will finish up a profitable bunch for their owner at nine or ten months.

We have no advice on this subject to give the expert, as the man who has been producing good foundation stock for years is amply able to take care of himself. We could name men who are in the hog business living in the corn belt who have demonstrated beyond any question of doubt that it is not altogether a sin to in-breed, these individuals having done much for the breed by way of fixing type without impairing the reproductive characteristics.

DIP FOR SPRAYING PURPOSES.

The following communication has been received from a subscriber, Mr. John Rending:

I have a dipping tank and have been dipping my hogs from time to time during the summer. Of course, the liquid is still on hand and I cannot use it in cold weather. What would you think of putting it on the walls of the poultry and hog houses and around chicken coops for disinfection purposes?

Used dip can be put to no better use than to sprinkle it around the walls and floors of hog quarters and hen houses; indeed, it is one of the ideal ways to kill off lice and nits just before winter. Where there are lice around hog quarters, it is an excellent plan to take pains to clean out all old straw and such manure as can be handily removed and then spray thoroughly with a good dip. It is surprising if beds are changed two or three times late in the fall and treated in this way, how much it will do toward ridding hogs of lice, as hogs seem to be able to get rid of what is on their bodies, providing their beds are free from the pest.

FEEDING TOO MUCH CORN.

The following communication has been received from a subscriber at Pomeroy, Iowa:

I would like if you could tell me what is the matter with my Chester White pigs. A few of them eat only chicken droppings and they are quite weak in the hind legs. One of them has been so afflicted all summer, and a few more have started to go that way lately. They have been fed corn and kitchen slops and have had the run of a large pasture. Most of my pigs are doing well, but these are not.

In our opinion these pigs have been getting a little too much corn. As we have said dozens of times before in this paper, corn is not a balanced ration, and if it is supplied too freely to growing pigs there is always some danger of them going wrong. Of course it is also true that where hogs have the run of pasture they will, with corn in addition, come along in many cases and make very satisfactory gains and attain good weight by the time they are ten or eleven months old. Just why this should be the case is not exactly clear to us, unless enough pasture is eaten to balance the corn.

We would have no hesitation in advising any man under circumstances like these to purchase some mill feeds, oil meal or tankage. These are all richer in ash material and in flesh-forming

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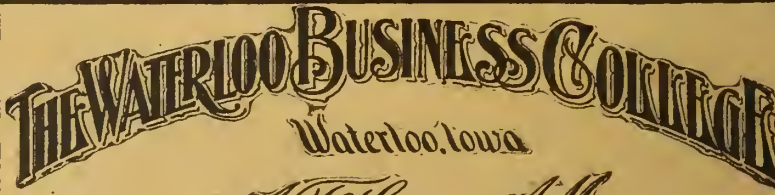
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J. M. HUSSEY, PRESIDENT, SHENANDOAH, IOWA.



Special term begins January 2, 1907.

President

Address for Catalog, Syndicate Building, Rooms 504-520.

BOYLES BUSINESS COLLEGE, OMAHA

First Winter Term Opened Monday, December 3d.



Largest Commercial School and Institute of Shorthand and Telegraphy west of the Mississippi river. Owns and occupies entire building. Graduates assisted to positions. Students may work for board. Students admitted at any time.

The Large Illustrated Catalog is Free.

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The Leading School of Southern Iowa. Students' Railroad Fare Paid as per Schedule. Students Enter any Time.

We teach Normal and Teachers, Scientific, Literary, Preparatory, Business, Shorthand, Typewriting, Pen Art, Music, and Elocution Courses. The best Specialists are employed as Teachers. Positions secured for Qualified Students. \$39.50 pays for one quarter, twelve weeks. Bulletin free. Address

H. C. BROWN, President, BLOOMFIELD, IOWA

substances and consequently will build up the hog in bone and in muscle. The very fact that only a few of this bunch of hogs are acting in this way is highly significant, and the matter should be taken in hand without delay, or others will drop out so that there will soon be on hand a bunch of very unprofitable hogs.

We realize that the by-products of mills are high in price, but with hogs at their present value it is a short-sighted policy to utilize good feed if they are not making satisfactory gains. Do not hesitate to sell corn and buy the mill feeds if it is necessary to do so. The small grains may be utilized to some extent, and, indeed, oats or wheat may be often used to offset the fattening tendency of corn, and thereby build up the frame and the muscle of the fattening animal.

Send Us Your Advertisement.

Beginning with our present issue, The Homestead resumes the regular publication of its Department of Classified Advertisements, for the accommodation of farmers, poultrymen, stockmen, dealers in farm lands and others who are not large or regular advertisers. This department appears this week on page 7.

All classified advertisements will be set in uniform style, without display type or illustrations, thus giving all an equal chance to attract the reader's attention.

A charge of five cents a word will be made for each insertion, no insertion being accepted for less than \$1.20. Terms, cash with the order. Each number, initial letter and abbreviation counted as one word.

All classified advertisements will be inserted without additional charge in The Wisconsin Farmer, Madison, Wis., which has 30,000 circulation, and The Farmer and Stockman, Kansas City, Mo., with over 50,000 circulation; guaranteed circulation of the three papers over 165,000.

To insure insertion, copy for any issue must reach The Homestead by Saturday of the preceding week. For example, copy for our issue of December 20th should be received on or before Saturday, December 15th.

Write your copy plainly, with special pains to make numbers, prices and proper names legible. Do not delay, but send in your advertisement at once. Twenty-four words, one insertion, \$1.20; four insertions, \$4.80. Address, The Homestead Company, Des Moines, Iowa.

Winter Wire Stretching.

To the Editor of The Homestead:

It is always more or less of a difficult matter to get wire fence stretched to

the proper tension whether the weather be warm or cold. Those who find it necessary to stretch wire fencing this winter may find their corner posts leaving the anchorage next summer unless care is taken in the use of the stretcher. As is well known, the tension of a wire fence varies with the weather. A piece of woven fence eighty rods long may be as taut as desirable in July, while November may make it look like a poor piece of work.

The result of heat and cold on iron is well illustrated in changing length of a railroad rail. In hot weather one may notice a space between the ends of the rails as much as an inch. Cold causes the rails to expand and touch in winter. Thus while a rod of fence may be only a quarter or half-inch shorter in summer, the difference amounts to several feet in a quarter of a mile. Some inventors have attempted to regulate this changing tension by attaching wires to corner posts with springs. However, the success of such a contrivance would be doubtful.

The point is to stretch the winter-made fence much tighter correspondingly than that made in summer. Possibly a little extra care in this regard may save a good many hours of work next season.

Subscriber.

The cutting of ornamental and shade trees along the highway by telephone companies is deplorable. The belief exists (and perhaps it is fostered by those it protects) that the telephone company has a right to do any amount of damage in order to construct or improve its line. This is not true. It has, however, a right to do as much cutting as is necessary, and no more. It seems that such companies should at least have the courtesy to allow the farmer an opportunity to do his own trimming. It would then be carefully done and the damage reduced to the minimum. A law to that effect would be commendable. A few damage cases for ruthless chopping would teach the corporations what their rights really are.



"No-Tar" Roofing

I WANT to tell you how I make roofing without tar, so that it will resist fire. I want to tell you why my "No-Tar" Roofing enables you to get lower Fire Insurance rates.

Send me your name and address on a post card, and I will write you a personal letter all about my roofing.

I will also send you a sample of it to test and a copy of my FREE book on how to lay roofing without outside help, and only a sharp knife and hammer for tools.

My "No-Tar" Roofing is the only roofing that is weather, water, acid and almost wear proof, as well as Fire Proof.

It won't crack in cold weather, nor melt in the hottest sun.

You ought to send for my book at once if you have any roof that needs fixing.

"No-Tar" Roofing

is the best for new buildings, the kind for re-roofing old buildings, and the easiest to patch with.

Let me tell you how I can save you a lot of money and give you the best roof protection you ever heard about.

Write me a post card today.

H. W. BINNIE, President,

THE HEPPESS CO.

2401 Fillmore St., Chicago.

Show-Yard Judges and Their Types.

By Leslie Smith, St. Cloud, Minn.

A close study of the winning types of the various beef breeds for the past quarter of a century in the show rings brings to our minds the question, "Are we showing a better class of beef cattle than we did in years gone by?" When we think of some of the stars and champions shown in times past and in memory compare them with the present-day champions, we are forced to admit that all the different beef breeds are more nearly of one type than they were twenty-five years ago. Time was within the recollection of men living today when size and weight were the first consideration in determining the value of a beef animal. "What does he weigh?" was the first question asked a thousand times a day by as many visitors at the fairs as they paused to view the animals on exhibition. The same question can still be heard from the present-day visitor, although not quite so often as of old. Anyone who can recall the champion fat steer of 1884 at Chicago and compare him with the International champion of 1905 will admit that there was considerable difference in the type of those two animals.

We can take the circuit of shows just finished with the American Royal, at Kansas City. How many in the four principal beef breeds carried the same honors right along with them? True, there were some that were never turned down, but a good many went up and down. One case in particular I recall where a female won first place and went as low down as seventh, one of the same company being placed first that stood along with her when she was placed first.

Truly this judging is a conundrum, but it is a very easy matter to criticize the judges, and the criticism is very often done by men who did not even lay hands on the animals and outside appearance is often deceptive. Put those same critics in the judge's position and they would be like a captain with his ship on the ocean without a compass. We know that many men have many minds and animals don't all look the same to judges, but the shows are supposed to be for the education of the public, and a judge when called on to give his reason ought to be able to do so, and not be like Dr. Fell:

I do not love you, Dr. Fell,
The reason why I cannot tell;
But only this I know full well
I do not love you, Dr. Fell.

But never advertise yourself by denouncing the judges. Remember they are very often selected or recommended by your different breed associations, and whether you got what was coming to you or not, the world will always be-

lieve that you got both an intelligent and honest rating, and their only comment, if any, will be, "Listen to that kicker."

Just a word as to the course of the judge in the performance of his task in the show ring. It is presumed that he knows his business from experience as a breeder; that he has confidence in his own judgment and is honest and unbiased. It is well, after a general look over the animals, to draw out a few of the most likely and after a close and careful examination have them walked around a circle to see how they look in motion, and then place them in their order of rating. Always keep your breed type in view, and if you commence with a certain type follow along down your class as far as you can go, so that your work will show uniformity. Your work then, if well done, will be an education to those who need to learn the best type of the breed. On the whole, most of the judges of the beef breeds who are up to date, look for nearly the same type of animal. Of course, there are different characteristics of the different breeds, but we all look for the same broad backs and smooth forms, thickly-fleshed loins, long level quarters, well-sprung ribs, thickly covered with natural flesh, mellow to the touch, yet firm and not flabby, and carrying coats of soft, silky hair—cattle that carry the bulk of their weight on their backs, where the highest-priced cuts of beef are found. We sometimes hear men describing cattle that suit them as low down, blocky, wide as a wagon and all the rest of it. That may be all right and it may not. I am not very sure but that you can get them too low down. The nearer we put their bodies to Mother Earth, the more weight we will have under, and that means more cheap meat. Then again, your very deep animals don't always carry as much width as they ought.

Some years ago, along with a noted cattleman, I was looking over a bull I had thought of purchasing. I remarked that I thought he was rather flat along the ribs. My friend said on account of his great depth it made him look flat. I said that the rule would work both ways, that on account of his flat ribs it made him look deep. Intelligent breeders have all been working with the same end in view, to get the greatest weight of the cuts that bring the highest price in the world's markets. The science and the art of breeding comes not from fine-spun theories, but it is largely an intuition which comes to the man who lives with his stock, studying their nature and individual characteristics, watching and directing their feeding and development.

conduct of Professors Bliss and Dinsmore and will meet at the new pavilion on the fair ground, and instruction in domestic science will be given in the Y. M. C. A. kitchen, under the direction of Miss Rausch.

Features of the school will be lectures and addresses by President Storms, Messrs. C. F. Curtiss, Geo. M. Rommel, W. H. Manss, Asa Turner and others.

This school is largely maintained by contributions from the business men and the farmers of southeastern Iowa. The officers and the committees of this school serve without pay and the tuition (only \$2.50 for the entire course, including the lectures and admission to the corn shows) has only been put sufficiently high to meet the legitimate expenses, and in order to establish and maintain this school year after year, it will be necessary for it to have the liberal patronage of the general public. The list of prizes is very generous.

PREMIUM LIST OF IOWA CORN GROWERS' ASSOCIATION.

The fourth annual contest of the Iowa Corn Growers' Association will be held at the agricultural college, Ames, Iowa, during the short course period, from December 31st to January 12th, inclusive. We herewith append the greeting of the president of the Iowa Corn Growers' Association, Mr. Asa Turner:

The officers of the Iowa Corn Growers' Association direct the attention of corn growers to the liberal premiums offered in the several classes, to be competed for in our annual contest.

It has been our ambition to offer a series

ADVERTISING!!



DO "What You ADVERTISE"!!

"ADVERTISING," as the term is commonly accepted by the public, means anything and everything in the shape of publicity. This poor, misused and much abused but vitally important commercial word has been "made over" until what it actually does mean will be a surprise to the average person, when consulting Webster's dictionary. To advertise really means to make public the actual untarnished, unvarnished and undistorted facts. How many advertisements really do this?

In writing an advertisement, the motive should be an aspiration to inform the public clearly of the bona fide conditions; it should not be an aspiration to hypnotize the public and loosen its purse strings, without regard to merit, truth or veracity, as we know to be the guiding star of many an advertisement writer in this modern age.

In explaining our position on our "five year guarantee" question, we want to say frankly that we intend to "practice what we preach." We are daily making the assertion that the Litchfield Spreader stands head and shoulders above other machines and we don't want this to be an empty statement. We mean what we say and we intend that our advertisements shall say exactly what we mean by backing up our statements with a guarantee that talks for itself.

There is a tendency on the part of many advertisers when exploiting certain farm machinery, to make unreasonable claims and then back them up just as little as they can. We intend to avoid any such a position and hope that our advertisements, crude though they may be, shall stand out by themselves, bearing the stamp of honest convictions.

When we tell the trade that the Litchfield Spreader has a strength of construction not found in other spreaders; that it is far ahead of the average machine in various details and in many general ways, we want it distinctly understood that we have weighed our words carefully. We wish to make it clear that no statements are placed before our customers without being carefully weighed and measured.

What we advertise, we mean to do and we know our spreaders will do. We make claims and, to sustain these claims, we have the evidence sufficient. We don't ask any man to buy a Litchfield Manure Spreader because we tell him to, but we do ask and demand of the careful conservative buyer, his investigation and an unbiased opinion.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

of premiums that will challenge the serious thought and energy of every corn grower.

A splendid new trophy has been added to our already beautiful trophy series.

This association desires to render a useful service to every one who may be interested in better farming, better homes and better citizenship.

Those of us who have grown enthusiastic in our corn work feel that we ought to act as missionaries and invite others to share this fountain of youth.

If we exercise judgment and are faithful in our plans, it means larger yields and better quality of corn.

The young man of today who is facing the problems of high priced land, who needs more "red blood" to make his dreams come true, will find not only inspiration, but more profitable farming when he has gotten into the corn gospel work.

I want to sound the bugle call and invite my G. A. R. comrades and their neighbors to share the pleasures which are awaiting all of us who are willing to join hands with a generous Providence and study nature in all of its beauty and infinite features of interest.

Your loyal patriotic service in the days of '61-'65 was not measured by your meager pay. Your corn gospel service will repay you liberally in larger crops and better quality, but your largest measure of pay will be in the pleasure found in the spirit of "farming a little better than you ever farmed before," and this will arouse latent energy in you and cause a broader ambition for our sons who are to follow us in our chosen work.

Let us "stand to attention" and "fall in" with this splendid army of a greater Iowa who are making Iowa the greatest of all corn states.

Bring your sons and your neighbors and their sons and mingle with men who "do things" and you will take home with you new thoughts and new purposes which will fill each winter day with profitable plans, each summer day with a new found pleasure and each autumn day with a harvest which makes the heart truly glad.

All exhibitors of corn in this contest must be members of the Iowa Corn Growers' Association, and the corn must be grown by the exhibitor during 1906. All entries must be made and exhibits in place before noon Wednesday, January 2d. Exhibitors desiring to ship their corn may address it to Sec. J. W. Jones, Agricultural College, Ames, Iowa, and the freight or express must be prepaid. We suggest that all those who would like to take part in this contest send at once for a copy of the premium list. A card to Mr. Jones will bring you a list by return mail.

There is no reason why the contest this year should not be greater than ever. Iowa raised a mammoth crop of good, sound corn and the work of the agricultural college is responsible for a good many of the bushels raised; that is, for the bushels of increase. The two weeks' short course will pay any young man, or even any old man who still has a vital interest in agricultural affairs—

Every Farmer and Stockman

HIDES
TANNED
FOR
ROBES

Should have a good fur coat and robe. Send us your horse and cattle hides and we will make you a coat or robe that will always be soft, pliable, wind, water and moth proof. Quality of work considered our prices are the lowest. We guarantee satisfaction.

tion. FREE booklet on hides, also shipping tags and prices. Write today.

IOWA TANNING CO.

Des Moines, Iowa

HIDES
TANNED

SEND YOUR
HIDES TO US
They are valuable
Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cowie Glove Co., Des Moines, Iowa

it will pay not only in dollars and cents, but in every other way that is worth while. We have never known an instance where the time spent at one of these courses has ever been regretted.

A SPLENDID GRAIN AND FEED CLEANER.

Experiments conducted at almost every station in the United States indicate that it pays to grade grain. We have in mind one farmer who has been grading his oats for a period of twenty-five years and he has made the record during that time of never having raised less than fifty bushels per acre. In 1906 his yield was sixty-four bushels per acre. This man usually raises one-third more grain per acre than his neighbors who do not grade their seed. The Hall Grain Grader Company, of Winfield, Iowa, are putting on the market a high-class cleaner and grader for \$19.98. This not only grades fall grain, but screens No. 8 and No. 9 grade corn for an edge-drop planter perfectly. This grader has seven complete riddles, four double wire screens and its capacity is such that the grading of grain for a quarter or half-section farm only requires a short time. A guarantee goes with every machine, and the freight will be paid in advance by the company. For further information address Hall Grain Grader Company, Winfield, Iowa, and mention The Homestead when you write. The advertisement appears on page 14 of this issue.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

Hygeno

KEEPS THEM ALL HEALTHY

Every good Veterinarian urges frequent use of a coal tar disinfectant. HYGENO is the best coal tar disinfectant made—the best it is possible to make—nothing dirty, gummy, weak or watery about it, yet when prepared for use it cost only about one cent per gallon. HYGENO kills lice, ticks, scab, mites and all parasites on any animal; cures mange, itch, ring-worm, nettle rash and other parasitic skin diseases; destroys germs, foul odors, stomach worms, screw worms, grubs, etc.; heals galls, wounds, cuts, scratches, sore mouth and similar injuries and diseases. HYGENO is endorsed by leading sheep, hog and cattle breeders, horse owners and poultry and pet stock fanciers. Free booklet tells why. Write today, we will tell you where to buy Hygeno. The Hygeno Disinfectant Co., 582-583 Citizens Bldg., Cleveland, Ohio.

A PLAN OF RENTING LAND.

Some time ago the owner of a 640-acre grain and stock farm asked for information concerning the best way to rent land. He stated that he was obliged to leave it for a term of years and yet did not want to sell. It was well stocked with brood mares, cattle, hogs and farm machinery. This inquiry was submitted to Mr. Charles Rhinehart, of Dallas county, Iowa, who went into the subject somewhat in detail as to what should be done under the circumstances. We have recently had a few inquiries from men who have mislaid their copies of the paper containing Mr. Rhinehart's article, and we thought it might be advisable to give the substance of it again. In part Mr. Rhinehart said:

In the first place, the owner of the property is entitled to, and should be contented with, a reasonable rate of interest upon his investment, and if the tenant enjoys the confidence of the landlord to the extent that he will entrust the supervision of his entire farm, including horses, cattle, hogs, machinery, etc., to him for a term of years, there should be no difficulty in insuring to the landlord a reasonable rate of interest for his investment and at the same time pay the tenant well for his labors.

There are many plans that have been used for renting stock farms, each one probably peculiarly fitted for local circumstances and conditions. The partnership plan is probably most satisfactory, when it can be made to apply. In this case, I would suggest that a partnership be formed with some man whose capital is limited, but who has the ability and aptitude to conduct a farm of this size, and let him share in the profits of the entire farm in exchange for the labor in conducting it.

Take an inventory of all the horses, fix the price for each individual animal of those you expect to keep on the farm indefinitely; the cattle in the same manner; the hogs and farm machinery, including wagons, harness, tools, etc.; also take an inventory of all grain on the farm, hay and straw, including all feeds to be used or fed on the farm, and fix the value in each instance. This inventory will represent the amount of investment of the landlord other than the land. Fix the rental value of the pasture land at what it is worth in your locality. Then there should be a thorough understanding of how the business is to be conducted, whether you expect to feed steers, milk cows, raise hogs or horses, about what you expect to do in the rotation of crops, kind of crops, etc.; in fact, a general understanding of the intention of the partnership.

The tenant should either own or pay interest upon one-half of the investment in the way of stock, grain, feed and tools, and should pay half of the rental value of the pasture. The tenant should perform all labor in connection with conducting such farm, keep buildings and fences in repair, material to be furnished by landlord, and then all the increase from original investment should be divided equally with landlord and tenant. That is, if any grain is sold off the farm, it is divided equally; if milk, butter or eggs are sold, the proceeds are divided in the same way; in fact, all increase is divided that may be disposed of during term of partnership or at expiration of same. If any of the original investment is disposed of, the amount of the original investment of the same shall be tendered to the landlord before any profit shall be divided. Then, in case stock, grain or tools are bought, each party shall pay half, or in case landlord pays all, the tenant should pay interest on half. At any time any of the original investment is disposed of in the way of stock, feed or tools, the interest on that amount should stop.

This, in a general way, I think explains the idea of the partnership arrangement. It amounts to just this much: that the landlord furnishes the farm and half the stock, the tenant performs all the labor and furnishes half the stock, then the profits are divided equally. In order to increase the responsibility of the tenant it would be well for him to have some money of his own invested.

We assume that a man who owns 640 acres of land and has it stocked with horses, cattle, hogs, machinery, etc., is a successful business man, and should have the management of the business under his supervision; and I would suggest that lease or partnership be limited to one year, with the understanding that it can be continued if it is satisfactory to both parties.

This sort of an arrangement should be satisfactory to the tenant, as he has stock, horses and tools to begin work with and has

a chance to share the profits of a successful business man and also has a chance to invest his earnings in the business as fast as he makes them, thereby stopping interest and actually owning a share. On the other hand, the landlord has his farm conducted the way he wants it, can keep it in a high state of cultivation, and can retain his stock so that in case he wishes to return to the farm will have everything as in the beginning, excepting for natural wear.

This is but a general plan, based on the supposition that the tenant has no resources other than his capability and aptitude to conduct a farm of this size. Should he have money to invest, stock or tools, this arrangement may be altered to suit conditions.

I would emphasize the importance of the landlord assuming entire control of the business management in case of difficulty arising from difference of opinion, and I would avoid entering an agreement for a longer term than one year, the term to be extended if satisfactory to both parties.

Now, that this subject is up we would like to have it discussed by others. There is a growing tendency in the direction of landlordism in this country and there are two classes that are interested in the plan of renting, namely, the land owners and the tenants. If you have had experience in the capacity of either one or both we shall consider it a favor if you will kindly submit your views on this subject for the benefit of others.

INDOOR VS. OUTDOOR FEEDING FOR FATTENING STEERS.

An experiment was conducted during the winter of 1904-5 at the Pennsylvania station, the purpose of which was to ascertain the relative gains made by steers kept in a barn and those kept in the yards. The results of feeding the twenty-four steers are shown in the followings table:

	Open Barn.	Shed.
Daily gain per steer.....lbs.	1.94	1.52
Hay fed for a pound of gain.....lbs.	3.29	3.45
Stover fed for a pound of gain.....lbs.	3.32	3.47
Grain fed for a pound of gain.....lbs.	8.86	9.08
Estimated cost of feed per pound of gain.....cts.	10.66	11.26
Difference in favor of barn-fed steers.....cts.	.60	

The results show in a general way that the steers fed in the open ate less total food than those fed in the barn, but slightly more per pound of gain, thus making the cost of feed per pound of gain somewhat greater for the open-fed than for the barn-fed lot. The difference is so slight, however, as to make it impossible to draw a deduction favorable to the one method over the other.

The relative value of barns and sheds has been tested at other stations. Thus, at the Kansas station, it was found that the steers running in yards made larger gains on the whole than those tied in stables, but required about 12 per cent more grain for a given amount of increase.

At the Minnesota station the question of shelter was one of the points studied in a series of feeding experiments. A lot fed indoors made an average daily gain of 1.74 pounds as compared with 2.26 pounds in the case of the lot fed in sheds, the cost of a pound of gain in the two cases being 6.47 cents and 5.61 cents, respectively; that is to say, the gain was greater and more cheaply made when the steers were fed in open sheds than when fed in stables; but Professor Shaw, who carried on the experiment, considered that additional tests should be made before definite conclusions could be drawn.

At the Missouri Experiment Station, H. J. Waters made a series of tests extending over several years to determine the effect of shelter on the gains made by steers fed heavy rations of corn and hay in the winter. In every case the most satisfactory gains were made by the animals which had the least shelter. The average daily gain of the steers fed in barns was 1.7 pounds per head; of those fed in sheds, 1.92 pounds, and of those fed in open yards, 2.05 pounds, the amount of feed required per pound of gain being 14.79, 14.12 and 14.22 pounds, respectively.

Taking into consideration all these experiments it would appear that there is no special advantage in placing steers in warm quarters during the winter period. Of course every man knows that it will pay to have a good shelter from storms and that it will also pay to keep yards or sheds well bedded so the steers have dry sleeping quarters. A shed with a good roof and closed on the north and on the west is about all the protection a fattening steer needs.

Oil Meal for Steers.

To the Editor of The Homestead:

One of your subscribers writes:

Will you please let me know, through your paper, where I can buy oil meal from the

1856-Sandwich-1906
Corn Shellers

The standard the world over for 50 years. Now in use in every corn growing section of this country.

The Sandwich is the result of improved facilities of manufacture, latest and best design, the best procurable material, superior workmanship, and ripest experience.

The result is that well known superiority which has made the Sandwich so justly famous.

We make them in all sizes and styles and capacities—mounted and down, belted and geared.

Farmers should insist on having their corn shelled with the Sandwich because it shells fast, saves time and the board of the "gang."

They shell clean and they clean the corn they shell clean.

SANDWICH MANUFACTURING COMPANY, 143 Main Street, Sandwich, Ill.
BRANCHES: Council Bluffs, Ia. Kansas City, Mo. Peoria, Ill. Cedar Rapids, Ia.



Big
160
Page
Catalog
Free.

"A Kalamazoo
Direct to You"
Send Postal for Catalog No. 165.

We save you \$5 to \$40 on a Kalamazoo stove or range, shipped prepaid, direct from factory at lowest factory price. Over 250 styles and sizes, each as good as can be made, all blackened, polished and ready for use. No trouble to set up. We are actual manufacturers, not merely mail order dealers. You pay

KALAMAZOO STOVE COMPANY, Manufacturers—Not Dealers. KALAMAZOO, MICH.
All our Ranges and Cook Stoves are fitted with patent oven thermometer—saves fuel—makes baking easy.

only one profit. No Middlemen.—Jobbers, Dealers, Agents or Salesmen,—get any part of the price you pay for a "Kalamazoo." Our 360 Days Approval Test is backed by a \$20,000 bank bond. More than 60,000 satisfied customers in 14,000 towns have saved money on our 30 Day Free Trial Direct-from-Factory Selling Plan. Some are in your town. Shall we send you their names?

HIDES

10 to 50% more Spot Cash for HIDES and RAW FURS by shipping to us than by selling at home. Fair dealings. Prompt cash returns. Best prices for HIDES, PELTS, RAW FURS, WOOL, ETC. Write for Price List, Market Report, shipping tags and how to obtain our Hunters' & Trappers' Guide. We are the most responsible Hide and Fur House in the N. W. Endorsed by 100 leading agricultural papers. ANDERSON BROS., Department 19. MINNEAPOLIS, MINN.

Free A Cleveland Cream Separator

Direct from the Factory on Free Trial. NO MONEY IN ADVANCE. We ask no deposit, no note, nothing to bind you. We depend entirely upon the work that the Cleveland will do on your place to make the sale. If you don't want it after giving it a fair trial, send it back. We can afford to make this offer because the Cleveland is The Only High Grade Separator Sold at a Reasonable Price. Our guarantee covers these points: Easiest Running—Easiest to Clean—Most Durable. Send for Free Catalogue and full particulars. CLEVELAND CREAM SEPARATOR COMPANY, Dept. H, 33 Michigan Avenue, N. W. Cleveland, Ohio.

GRAIN Freeman Bros. & Co., HAY

COMMISSION MERCHANTS, Established 1888, 66 Board of Trade, Chicago. Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

mills or from some reliable wholesale dealer, and what it costs per ton? I can buy it right here, but have to pay \$30 per ton for it. Would it pay to feed it at that price to fattening cattle?

Old process oil meal can be secured from the Midland Oil Co., Minneapolis, Minn. Oil meal can usually be purchased \$3.00 to \$5.00 per ton cheaper, when purchased in carload lots from the mills, than when purchased in ton lots from dealers.

Would advise your correspondent not to use oil meal at this price, if he can secure clover at \$6.00 or alfalfa at \$10.00 per ton. Tests made by the Iowa Experiment Station show that the increased cost of gains, where oil meal cost but \$23.00 per ton, offset the greater gains and higher finish secured by its use. Corn was valued at forty cents per bushel, and clover hay at \$4 per ton.

In general, the use of oil meal may be considered profitable when corn is fifty cents or higher, and when no protein bearing roughage, as clover hay or alfalfa, is available. Even in this case, however, the use of oil meal at \$30 per ton would be attended with risk.

Four and one-quarter tons of choice clover, or two and two-thirds tons of choice alfalfa hay, furnish as much protein as a ton of oil meal. These feeds can be grown on the farm at a cost not to exceed \$4 or \$5 per ton, and enrich the land while growing. Fed to steers, they give nearly as satisfactory gains, and lack but little of giving equal finish.

If your correspondent cannot secure such hay at prices indicated, and has

only straw and corn fodder for roughage, would advise using a limited quantity of the oil meal—about two pounds per steer per day for the last sixty days of the feeding period. The use of so small a quantity will not increase the cost of gains to any very marked extent, but will add to the palatability of the ration, have a desirable influence on the digestive tract, and give greater bloom.

The high prices which have prevailed recently for such supplemental feeds, may be expected to continue, as foreign countries are heavy purchasers. Improvement of pasture lands, feeding on grass, and an increase in the acreage devoted to clover or alfalfa, offer us a solution of the cattle-feeding problem, despite the high cost of supplemental feeds. Wayne Dinsmore.

Iowa Agricultural College.

Cancerol Permanently Cures Cancer and Tumor.

No pain. No scar. No experiment. Convincing book will be sent free on request. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

HOMESSEKERS' RATES VIA CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month this winter the above railway will sell homeseekers' tickets to points in states of Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Idaho, Indian Territory, Iowa, Kansas, Kentucky, Louisiana, Mexico, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, Tennessee, Texas, Utah, Virginia, Wisconsin, Northern Michigan and Wyoming at rate of one fare plus two dollars for the round trip. To some points in the South and Southwest a flat rate of \$23 is made which is less than the regular one way rate. Tickets have limit to return of twenty-one days to some territory and thirty days to other and allow stopovers in homeseekers' territory. For full information address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

When writing to advertisers please mention this paper.

FOURTEEN FOR ONE
FOR X-MAS!

To introduce in American homes our splendid pictures of the scenery in the Rockies—the snow-clad peaks under the blue skies of Colorado, we make a most extraordinary offer for this X-Mas.

We will send, postpaid, on receipt of only one dollar, six large, fine pictures—ready for framing, of the most beautiful scenery in the states, and as a premium a splendid, guaranteed fountain-pen, the like of which you cannot buy anywhere else for less than \$2.50. This is \$4.00 worth for one.

But this is not all. To the first 100 customers, who mention our ads, we will further give FREE a splendid stickpin set with a pure gold nugget, right out from the treasure chests of the Rockies, with a gold value of \$10. Thus you can get \$14 for one.

Our pictures should be in every home, our pens in every pocket and if you order promptly, you will own that splendid stickpin of pure gold.

Old and young will think it the greatest X-Mas present of the year. Address,

ROCKY MOUNTAIN VIEWS CO.,
Mail Order Dept.
1019 18th St. DENVER, COL.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

ABOUT CORN.

Mr. Thomas Eggenberg, Iowa City, Iowa. I ask your opinion as to the following question: If a man hires out through corn picking, is shocked corn included as well as standing corn?

Answer.—It is.

HUSBAND AND WIFE—PROPERTY.

A Subscriber, Ames, Iowa.—A and B are husband and wife and have no children living. All of the property is in A's name. If the wife should die first, who would get the property?

Answer.—The property being owned by the husband, he would continue to own it at and after the time of his wife's death. Her death has no effect whatever upon the property owned by her husband in her lifetime.

INHERITANCE—WISCONSIN.

Mr. J. A. F., Lyons, Wis.—A husband and wife have no children. They own a farm and some personal property, each one owning one-half of it. Suppose that neither one of them should make a will, and one should die, what share of the deceased one's property would the survivor get, according to the laws of Wisconsin?

Answer.—If at the time of death there be no children, or issue of children, the survivor would get all of the property of the deceased one, both real and personal.

HUSBAND AND WIFE—DEED.

A Subscriber, Yale, Iowa.—A and B are husband and wife, having been married fifteen years. They have no children. At the time of the marriage, B, the wife, had \$500 in money of which \$100 was used to buy a town lot and the remaining \$400 was applied to the building of a house. The title to house and lot was put in A's name. A has transferred said property to B by a warranty deed, naming the \$500 as money consideration. The transfer was not made because of indebtedness. Is the transfer from A to B valid as against heirs and creditors?

Answer.—The transfer is perfectly good and valid against the whole world.

RAILROAD CROSSING HIGHWAY.

Mr. J. P. H., Camp Grove, Ill.—I own a farm in South Dakota. The railroad runs through it, and crosses the public road on the east side of my farm. The public road is on a section line. The railroad company has not put in a crossing where its line crosses the public road. Can I compel the company to put in a public crossing at that point?

Answer.—There seems to be no law in South Dakota which requires railroad companies to put in crossings where their lines cross the public roads. It would, therefore, devolve upon the highway authorities to put in such crossings.

RECORD OF DEED—SURVEY.

A Subscriber, Blakesburg, Iowa.—In the transfer of land that is less than congressional sub-divisions or where the boundary is irregular, is it required by the laws of Iowa that a survey shall be made by the county surveyor before the conveyance can be entered for record, and taxation?

Answer.—It is not required that a survey be made in order to entitle a deed to be recorded. It might happen that a survey would have to be made in order to get a correct description to put in the deed in the first place, but when a deed is properly signed and acknowledged, it is entitled to be recorded.

FENCE VIEWERS—APPEAL.

Mr. G. A. Steele, Ogden, Iowa.—I have been unable to get the man who owns the land adjoining my pasture to keep in repair his part of the partition fence, and I have been constantly annoyed by his stock getting into my pasture, and my stock getting into his pasture. We had the trustees come and view the fence, as fence viewers, and they pronounced it good, when in fact it was in such a condition that stock could walk back and forth over it without any trouble. One of the trustees is my neighbor's son-in-law. This condition of things has continued for the last six years, and it cannot be remedied by land cannot be used for either pasture or crops. My neighbor's scrub hulk has been getting in my pasture through this bad fence, and getting my heifers with calf, and a bunch of his shoats run in and out continually. I can prove by a number of men that the fence is not a lawful fence and is in no condition to turn stock. Is there any way by which I can compel my neighbor to keep his part of the fence in good repair?

Answer.—There is a way. Again request the trustees as fence viewers to view the fence and make an order on your neighbor to put in such repairs as to make it a lawful fence. If the fence viewers should again decide that the fence is a good and lawful fence, when it is not, take an appeal from their decision, to the district court, and then

CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted under this heading. Each number and initial letter or abbreviation counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 185,000, reaching a farm population of at least 825,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

REAL ESTATE.

THE BRAZOS Valley made Texas famous. West of the Brazos, cane, corn, cotton and alfalfa, east of the Brazos, rice. We are on the west side and have as fine land as there is in the United States at \$12 to \$18 an acre for small tracts, and \$9 to \$12 for large tracts. It's prairie land, almost level, dark soil, free from sand, rock or gravel. No blizzards, hot winds or droughts. Best of markets and ten months growing season. I own the land and can give best prices. No trades. J. H. and P. Lockwood, 431 East Houston St., San Antonio, Texas.

ARE YOU looking for a home? No farmer should think of buying land before seeing a copy of The Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, so that anyone can find just what he wishes. It reaches 45,000 readers each issue 85% of which are farmers. Advertising rates 2c. per word. Send 75c. and we will mail you the Journal for one year; or for 10c. in silver we will send it two months on trial. Farm and Real Estate Journal, Truer, Iowa.

A COZY home in sunny, productive Oklahoma. 160, 2 1/2 miles from station, 1/2 mile of school, rural free delivery, telephone in house, three acres heavy orchard, 75 in cultivation. Best corn land. The corn on this farm made sixty bushels per acre this year. Best of soft water, windmill and tanks. Price, \$20.00 per acre. Perry DeFord, Oakwood, Okla.

FOR SALE. 560 acre grain and grass farm, seven miles Ft. Scott, 140 cultivation, 200 acres meadow, balance prairie grass, two sets fair improvements, \$19 per acre, will divide to suit. Before you buy write for free lists giving description, location and price of many bargains, Kansas and Missouri. F. H. Humphrey, Ft. Scott, Kansas.

IMPROVED farm for sale. 450 acres deeded and 640 acres school land lease. All deep, rich, black loam and level, 7 miles from county seat. Will produce equal to any land in western Nebraska. An ideal place for stock. A bargain at \$15 for deeded land and \$1,000 for lease. A. B. Wilcox, owner, Grant, Neb.

FOR SALE. 58-acre fine river bottom farm, two-story house, 22x28. Barn 30x47, smoke house, hen house, granary, never-failing well, cistern, good arched cellar; some fruit trees, profitable ginseng garden. Will sell cheap. Buildings all nearly new. Address owner, W. J. Rettman, Fredonia, Kan.

LYON County farm, 240 acres, 90 cultivated, 20 meadow, balance pasture, 22 alfalfa. Black limestone soil, good apple orchard, all kinds of fruit; good 7-room house, barn for 10 horses, 8 miles to Ope, 13 to Emporia, 1 1/2 to school. Price \$5,000. Hurley & Jennings, Emporia, Kan.

FOR SALE. A general purpose farm of 55 acres, 1 1/2 miles from Baptist college and business center of Sac City. Thirty acres in pasture and timber joining river. 25 acres plow land, good improvements, price \$5,000. J. M. Persons, Sac City, Iowa.

COZY FARM HOME, 80 acres for \$850; 40 rich valley in cultivation, balance good timber; 4 miles town, 4-room house, 2 barns, good out-buildings, water, fruit, garden. Must sell. F. G. Simmons, Springfield, Mo.

CENTRAL MISSOURI farms. Send for lists of 200, Callaway county, Missouri farms, with full description and price of each; Missouri's best grain and bluegrass county. Kootz & Palmer, Fulton, Mo.

WHEAT FIELDS. One hundred thousand acres now growing in Lane Co., Kansas. Best lands improved and unimproved, \$7.50 to \$20 per acre. McWilliams Land Co., Dighton, Lane Co., Kan.

FINE farm, 640 acres for rent, in Cass county, Nebraska to a good farmer and stock raiser. Man with plenty of help of his own preferred. Write for terms. E. G. Dovey & Son, Plattsmouth, Neb.

SETTLERS wanted for our Five to Ten dollar farming lands on easy terms. Good climate, soil, markets, roads, schools, etc. Improved farms \$15.00 and up. Claggett, Pine City, Minn.

560 ACRE RANCH, well improved, in Coffey county, no better in eastern Kansas, at a bargain if taken soon. For description and maps write Lane & Kent, Burlington, Kansas.

FARM BARGAINS. Northeastern Kansas, in Atchison and Jefferson counties, also Indian Territory land. Send for our list. Lehman & Hamm, Nortonville, Kan.

GOVERNMENT bonds no better than these farm bargains, being well improved and well located; \$40, \$18,000; 160, \$5,200; 80, \$2,100. Buckeye Agency, Williamsburg, Kan.

A BARGAIN. 320 acres fine improved farm 3 miles from town, half bottom, choice alfalfa land. Write for full description. R. G. Tonkin, Abilene, Kansas.

you can prove in court the true condition of the fence, and the court will finally determine the matter and make an order that can be enforced. When the fence viewers make their decision you have twenty days within which to appeal, and you must have your appeal bond approved by the township clerk. It would be advisable to employ a competent lawyer in the beginning, to start the proceedings and see them through.

HUSBAND'S DEATH—WIFE'S SHARE.

A Subscriber, Stuart, Iowa.—A husband and wife have forty acres of land and some live stock, all of which property is in the name of both of them. The wife has money enough to pay for half of it. Neither of them have children. In case the husband should die without making a will, what share of the property would the wife be entitled to by law?

Answer.—She would retain her half of the property which she owned in her husband's lifetime, and in addition

REAL ESTATE.

BARGAIN.—120 acre prairie farm, \$2,000 improvements, near here, only \$37.50 per acre. Half cash balance 6 per cent. Write Hicks-Northcott Inv. Co. Macon, Mo.

STOP paying rent! Buy improved farms along new electric road, from \$5 to \$25 per acre. Easy terms. Write quick. W. A. Hoffarth, Fowler, Mo.

IF WANTING a farm in bluegrass region central Missouri or rich alluvial lands southeast Missouri, write Lakenan & Barnes, Mexico, Mo.

FOR SALE. A fine lot of farm bargains in east Kansas. Any size; write for free list and map. Her & Mansfield, Garnett, Kansas.

PLYMOUTH ROCKS.

EVERGREEN Lawn Farm, M. Hummel, prop., Monroe, Iowa, breeder of heavy-boned Barred Plymouth Rocks for 23 years, has for sale 450 birds sired by high-scoring Iowa State Fair and Jasper County Fair first prize-winners. We won nine first prizes at the Jasper County Fair in 1905. Nothing but first-class stock shipped.

FOR SALE. Prize-winning White Plymouth Rock and S. C. Buff Leghorn cockerels and 75 White Wyandotte pullets. Write for circular. D. W. Harberts, Marion, South Dakota.

CHOICE White Plymouth Rocks. Bargain prices for December. Write your wants. This advertisement will not appear again. Otto Smeby, Route 2, Hanlontown, Iowa.

BUFF ROCK cockerels, \$1, \$2, \$3, 24 eggs in January. Score, 94. 21 prizes, 27 entries. F. J. Perrin, Vice-Pres., De Soto, Wis.

FOR SALE. Choice thoroughbred Plymouth Rock cockerels, \$1 each, 6 for \$5. Mrs. W. E. Roby, Truro, Iowa.

75 B. ROCK Pullets, extra large, 15, \$10. Mrs. C. H. Medberry, Wadena, Iowa.

RHODE ISLAND REDS.

ROSE Comb Rhode Island Reds, bred from prize-winning strain. Great layers. Single birds, pairs and trios. A few yearling cockers. Bargains if taken soon. S. L. Weaver, Lake Park, Iowa.

FOR SALE. Single Comb Rhode Island Red cockerels at reasonable prices. Eggs in season. Charles Jacob, Ackley, Iowa.

SINGLE Comb Reds. Some fine cockerels, color good, prices right. Write today. Hites Bros., Beacou, Iowa.

LEGHORNS.

ROSE Comb Brown Leghorns exclusively. The best lot of cockerels ever raised at Pike Timber Stock Farm, for sale. T. A. Davenport, Belmond, Iowa.

THOROUGHbred Rose Comb Brown Leghorn cockerels, 1 for \$1.00, 3 for \$2.50, 6 for \$4.50, 12 for \$9.00. Mrs. John Holzhay, Bendena, Doniphan Co., Kan.

R. C. W. LEGHORNS—Cockerels, \$1 each, six for \$5; pullets, \$9 per doz. Louis H. Weller, Dayton, Ia.

WYANDOTTES.

WHITE Wyandottes, score to 96. 150 fine cockerels cheap. Mrs. S. E. Alley, Greenfield, Iowa.

WHITE Wyandottes. Light Brahmas and Pekin ducks. E. S. Dyas, Bellevue, Iowa.

BUFF Wyandotte Cockerels for sale. Hugh Sullivan, Prairie City, Iowa.

ORPINGTONS.

SINGLE Comb Buff Orpingtons. Some fine pullets and cockerels for sale; prices reasonable. Write your wants. Springvale Poultry Yards, Lee Wettlaufer, Prop., Humboldt, Iowa.

LANGSHANS.

FOR SALE. 200 Black Langshan cockerels and pullets as fine as I ever raised. For prices write E. D. Kasey, R. R. 1, Wiota, Iowa.

TURKEYS.

CHOICE, large White Holland Turkeys for sale. Henry Harrington, Clearwater, Kan.

DUCKS.

\$1.00 EACH or \$5.00 for six, to quick buyers. Fine Imperial Pekin ducks. Satisfaction guaranteed. Send in your order now. Niles Reed, Wilsey, Kan.

MISCELLANEOUS POULTRY.

WHITE, PARTRIDGE, Columbian Wyandottes, Rouen ducks; wou 1st, 2d cockerels, 1st, 2d pullets, White and Partridge at Harris Street Fair. Must sell by Jan. 1st. S. C. Weaver, Lake Park, Iowa.

PURE BRED single comb White Leghorn and Barred P. Rock Cockerels at \$1.00 each. Fine birds that will please. Robert Holm, Paton, Iowa, R. R. 1.

BUFF turkeys, unrelated trios, Pekin ducks, Buff Wyandotte cockerels; all from scored stock. Mrs. R. E. Thompson, R. R. No. 2, Allison, Iowa.

WHITE Holland turkeys, White Wyandottes for sale. Write for prices. W. A. Marsh, Jr., Alledo, Ill.

DOGS.

RATS. My Scottish Terriers will make them git. Blue pups for sale. S. W. Harr, Riverside, Iowa.

POLAND CHINA HOGS.

FOR SALE. Two Poland China herd boars, one by Ideal Technism, one by Chief Sunshine; some mature sows and gilts, bred to a litter mate to the great \$850 Masticator and a half brother to the \$2,500 Chief Sunshine 2d. Have been 18 years a breeder. Write your wants. J. F. Bennett, Herrick, Ill.

TEN POLAND China boars for sale, by Corwin Corrected 116515, four by Lamplighter Dick 97969, out of mature sows. Price \$20. Clyde Foreman, R. R. 1, Neligh, Neb.

RED POLLED CATTLE.

RED POLLED Cattle. Champion beef and milk producers, choice animals, either sex, priced right. Write for booklet and particulars. O. P. Russ, Havenwood, Mo.

AGENTS WANTED.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

RELIABLE man wanted in every locality not represented by real estate organization. Good pay, splendid opportunity, experience unnecessary. Write North American Realty Co., Dept. C, Des Moines, Iowa.

TELEPHONES.

TELEPHONES. Induction coils, switches, cut-outs, transmitters, small switch boards, extension bells, etc., pertaining to telephones. Write to Augusta Electric Co., Augusta, Ill.

MISCELLANEOUS.

COPPER IS KING. The largest known bodies of copper ore in the world are now being opened in eastern Oregon. One property has exposed a vein 40 ft. wide that will average \$50 per ton in copper, gold and silver. Another has a vein 100 ft. wide on the surface that assays 12% copper. Still another on which a shaft has been sunk 400 ft., has cut through three separate veins, varying gold, silver and copper that will average \$0 ft. across. Fortunes will be made here in the next few months. Send two-cent stamp for descriptive pamphlet to D. W. C. Nelson, Mining Engineer, Baker City, Oregon. References: First National Bank and Citizens National Bank, Baker City, Oregon.

BEAUTIFUL Christmas gift. The Ideal Combination Purse and Bill Fold. Of great convenience and beauty, 85 cts. by mail. Money back if dissatisfied. Our wonderful delusion puzzle for stamp. Eastern Aid Association, Box 2688, Boston, Mass.

PRIDDY'S Patron's Milk Record prevents misunderstanding when settling. Samples free. Show your creameryman. W. N. Priddy, Box B, Bloomer, Wis.

tion thereto, she would be entitled by law to one-half of the half interest which her husband had before his death, —the other half of his share going to his parents.

FENCING THE WHOLE COUNTRY.

Harry Ward, Who Makes "Don't Rust Fence," Says He Has Conclusive Proof of General Prosperity.

We are able to say upon the authority of President Harry Ward, of the Ward Fence Company, Marion, Indiana, that never before in the history of the wire and ornamental fence business has there been such overwhelming evidence of the general prosperity of the people of this country. Mr. Ward speaks with a wide general knowledge of farm conditions especially, as he has probably sold more farm and poultry fence in every state in the union than any other man in the business. The Ward Fence Company have done the largest business this year that they have ever done, and Mr. Ward considers it conclusive that farmers, chicken raisers and country people everywhere are in even

better financial condition than they have been at any time during the past ten years.

Mr. Ward is an enthusiastic business man and puts a lot of enthusiasm into the several hooks on fences and ornamental wire work that his company make, including the "Don't Rust Fence," which has taken the place of the old-time wire fence that rusted in two or three years.

"Don't Rust Fence" is so heavily galvanized that it simply can't rust. It is the cheapest kind to buy.

Any of our readers will probably find it well worth their while to write Mr. Ward and ask for these hooks, which will be sent free on request. They will give you an idea of the improvements that others are making on their places in farm and ornamental wire fencing and gates, wrought iron and steel fencing and gates, harp, plain and galvanized, and all sorts of similar improvements that cost less money nowadays than even split-rail fences used to cost. It will be well worth any man's time to write a postal card to Mr. Ward and ask him to tell about fence conditions.

The Homestead and The Homemaker \$1.25 per year.

IN THE GREAT SOUTHWEST.

It is reported that the goat and sheep raisers of the Sacramento mountains in New Mexico lost from 60 to 80 per cent of their herds in the recent blizzard. This is one of the heavy losses of the storm.

The first Oklahoma company to make denaturized alcohol is the Cotton Oil & Fuel Co., of Mountain Park.

While a performance was in progress at a St. Louis opera house a horse, utilized in the last act to draw the heroine in a buggy, became frightened and sprang over the footlights into the orchestra. The heroine fell unconscious to the stage and three women in the audience fainted while the horse floundered around in the orchestra pit demolishing chairs, with its hoofs and creating excitement in the theater. Presence of mind of a number of men in seizing the horse, at the same time admonishing the people to sit down, prevented a panic.

Postage stamps of the issue of 1907 put on sale at 6,000 presidential post-offices will bear on their face the name of the state and city in which the post-office is situated. The chief reason for this innovation is said at the postoffice department to be the belief that it will help to do away with the big postoffice robberies and make it much easier to trace criminals.

Thirty-four sacred cattle have been imported from India by a noted ranch owner near Paris, Texas. With the exception of three head, the consignment is all males. The plan is to use this breed as a cross on the native stock. Being easy keepers and immune from tick damage, they may prove very valuable for improvement purposes.

The present outlook is that the new state of Oklahoma will have within its borders ninety counties. The present territory of Oklahoma has twenty-six counties. This, therefore, calls for many changes in the present map of Oklahoma territory. It means the division of many of the present counties, and in some instances the division several times of one county.

The Farmers' Elevator System was organized at Salina, Kansas, in 1901. Farmers now own more than seven hundred co-operative elevators in the middle West. The total saving in running expenses or in the cost of marketing grain has been enormous, and is said to be three millions in Kansas alone. It appears that grain growers will soon be in a position to fix and maintain a reasonable price on farm produce.

The chief engineer of the war department has recommended that \$150,000 be appropriated to remove snags and make navigation safer on the Missouri river.

Mr. Arthur P. Turner, of England, who will judge fat bullocks at the International at Chicago this week, toured through parts of Missouri and adjoining

states before going to the show. Mr. Turner was very much pleased with the country and thought it was some of the finest he had ever seen.

An acre of seeder ribbon cane made a farmer near Ballinger, Texas, a neat return. The sirup amounted to 275 gallons, which, at fifty cents a gallon, brought \$137.50.

The great battleship Kansas, named after the Sunflower state through the efforts of the Kansas delegation in Congress, is nearing completion at Camden, N. J., where she is being built by the New York Shipbuilding Company. The Kansas is 450 feet in length, or the length of a railroad passenger train comprising an engine, boiler, tender and six coaches. From her keel to the top of her signal mast she is 140 feet high.

The recent snows and rains have made fall prospects more gratifying to farmers. There will now be ample moisture for the growing wheat, while stock ponds, in many places, have been replenished.

The Kansas Agricultural College will be well represented at the Chicago Stock Show in the fat cattle classes. The herd consists of seven Short-horns, four pure-breds and three grades; two Aberdeen Angus and one Hereford. One of the pure-bred Short-horns is the white steer, Tim, who won sweepstakes championship at the last American Royal Show at Kansas City.

Drury College, at Springfield, Mo., received a donation of \$50,000 from John D. Rockefeller.

Black walnut is produced in this country at an annual rate of about 33,000,000 feet. The larger portion of it now comes from southwestern Missouri, Arkansas, Oklahoma and Indian Territory. The home demand for black walnut lumber is only for comparatively small quantities. Its use is largely confined to gun stocks, novelties, electrical work, etc. The chief demand for walnut comes from Germany, and Hamburg is the great market.

The Buchanan county court recently granted a franchise to the St. Joseph, Savannah & Northern Railroad company from St. Joseph to the Buchanan-Andrew county line, including a right of way through the county farm. This is an interurban project and the promoters say a line to Savannah will be built at once.

Scarcity of cars is paralyzing the trade in wheat in Oklahoma. A number of mills are closed down as they are heavily stocked with flour and are unable to secure cars to fill their orders. Most of the elevators in and around Oklahoma City are full to the roof, and thousands of bushels of corn have been thrown on the ground and are liable to be seriously damaged.

Harness dealers and makers of leather goods claim that they have been losing money for a number of years. While leather has advanced in price 40 per cent, leather goods has advanced only 20 per cent. The harness men of Missouri, Kansas, Oklahoma and Colorado have lately organized and will meet at Kansas City in January to fix a scale of prices for retail dealers.

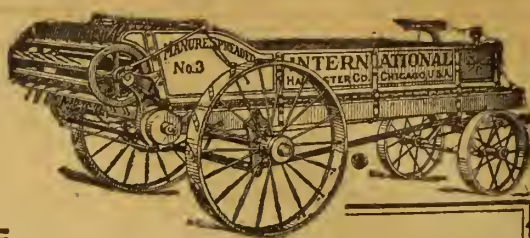
At a meeting of the stockholders of the North Missouri Mechanical and Agricultural Association the directors have taken steps to dissolve the organization and sell the property. Chillicothe will not have any more fairs, as this association is known as the Chillicothe Fair Association. The reason assigned for the step taken was that the fair was a money losing proposition.

The J. M. Guffey Petroleum Company is about to build a pipe line from the Indian Territory oil fields to Port Arthur, Texas. The line will be nearly 500 miles long and will cost twelve million dollars.

An organization known as the Missouri Good Roads Society has on foot a project for a public macadamized road from Kansas City to St. Louis and branches to points north and south of this line. They propose to use convict labor for crushing the rock and for laying the road. The society has asked that the fees for the issuance of hunter's licenses be appropriated for this purpose. Last year this amounted to \$126,000.

I. H. C.

Spreader Pointers



A good spreader costs considerable but it is worth more than it costs.

A poor spreader is an expensive luxury, no matter what it costs.

When you buy an I. H. C. Spreader you are buying something standard.

You get for your money—

—A substantial, durable machine

—One that is easily handled

—It handles manure in any condition.

—No spreader made does better work

—No spreader is lighter in draft.

I. H. C. Spreaders are well proportioned machines. They are strong

but not needlessly cumbersome—strong where strength is needed, with due regard for light draft and load to be carried.

The I. H. C. apron is driven at both sides, by both hind wheels. This eliminates all binding, friction and undue strain.

It has a vibrating rake to level the load—exclusive feature.

It has a wide range of feed, consequently a large or a small amount of manure per acre can be distributed. It is the only spreader controlled and operated entirely with one lever.

Made in three sizes for each of the two types, Cloverleaf, endless apron, and Corn King, return apron.

Call on the International local agent for catalog and full information or write to home office.

Send three 2 cent stamps for a copy of "Farm Science." Book just from the press, written by eight leading agricultural authorities of the United States. Treats practically every farm topic in the most forceful, money-making way.

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WHEN BUYING A CORN SHELLER

Insist on Clean Shelling, Thorough Separation, Large Capacity and Lasting Qualities. These are Distinctive Features of

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2-hole and 4-hole Custom and 2-hole Farmers' Positive Force-Feed Shellers

They have Chilled Working Parts and other points of strength and convenience. We make Horse Powers, Wood Saws, Huskers, Farm Trucks, Manure Spreaders, etc. We guarantee our Goodhue Wind Mills for five years.

APPLETON MFG. CO.,
39 Fargo Street, Batavia, Ill., U. S. A.

Write to-day for Free Catalogue.

The road is to be partly supported by license fees on motors and vehicles. Of the many projects for such a road that have been offered this one may be realized.

The Kansas Agricultural College has been engaged in one of the greatest "corn campaigns" ever held in the state. Thus far over a hundred meetings have been held in different counties. The institute circuit for December begins at Alma on the 3d; December 5th, Cottonwood Falls; December 6th, Marion; December 7th and 8th, Eldorado; December 10th, Sedan; December 11th, Independence; December 12th, Oswego; December 13th, Pittsburg; December 14th, Osawatomie; December, 15th, Spring Hill.

The agricultural college at Stillwater, Okla., will hold its third annual course in stock judging and seed selection during the week January 7-12, 1907. The station staff will be assisted by such noted specialists as John Hamilton and A. D. Shamel of the department of agriculture; Jos. Wing, of Mechanicsville, Ohio, one of the most prominent lecturers and writers on agricultural subjects in the United States; A. P. Grout, of Winchester, Ill., an extensive feeder and practical scientific farmer, who perhaps has done more than anyone else to put the livestock industry of Illinois on a firm basis. Crouch & Son will bring a string of German Coach and Belgian Draft horses and will deliver lectures on horse breeding. The Oklahoma Corn Breeders' Association will give a corn show on one day of the week and a large number of premiums will be offered. A rate of a fare and one-third for the round trip has been granted by railroads from all points in Oklahoma and Indian Territory. This rate is also good for the meeting of the Oklahoma Board of Agriculture held at Guthrie, January 15th and 17th.

Snyder Bros.' Poland China Sale.

The eleventh sale of Poland Chinas held by Messrs. Snyder Bros., of Winfield, Kan., took place at Winfield, Kan., November 28th, before the largest assembled number of breeders from Kansas, Missouri, Illinois and Oklahoma ever held in southern Kansas. The hogs offered were the very best individuals and best-bred lot of hogs raised in this section. Cols. James Sparks and John L. Snyder and others officiated with excellent

success. After the sale Mr. John L. Snyder, who is also well known as one of the best auctioneers of pure-blooded stock, invited all his guests to proceed to the Arlington Hotel to partake of his hospitality. Fifty-five head were sold at an average of \$32.75. She is a Flower, one of the best On and On gilts out of Flower E. L., was purchased by Mr. Joseph Roy, of Peck, Kan., which was the top Price. Goldie's East Perfection, a daughter of On and On, was knocked down to Mr. T. E. Cox, of Rose Hill, Kan., for \$125. Below is a list of sales of \$25 and over:

Lot.	Price.
1. Joseph Roy, Peck, Kan.	\$134
2. A. P. Wright, Valley Center, Kan.	43
3. Harry E. Lunt, Burden, Kan.	40
4. Same	53
5. I. E. Knox, Nardin, Okla.	59
6. C. B. Jones, Ames, Okla.	70
7. Same	64
11. Frank Giltner, Winfield, Kan.	25
12. John Thibbitt, Winfield, Kan.	26
13. C. T. Elliott, Winfield, Kan.	47
14. Fred C. DeMott, Arkansas City, Kan.	36
15. Frank Giltner	33
16. J. R. Roberts, Deer Creek, Okla.	35
17. Stryker Bros., Fredonia, Kan.	23
18. C. T. Elliott	81
19. Fred C. DeMott	68
20. Wm. Foster, Elmdale, Kan.	25
21. I. E. Sunderlaud, Winfield, Kan.	31
22. John Thibbitt	30
23. T. W. Fritzman, Wellington, Kan.	37
24. J. F. Thomas, Maple City, Kan.	31
25. T. A. Shields, Derby, Kan.	26
26. R. Cox, Rosehill, Kan.	27
30. C. R. Peden, Winfield, Kan.	25
33. Frank Giltner	36
44. W. B. Seyfer, Arkansas City, Kan.	36
45. B. Swandse, Winfield, Kan.	31
46. E. Pray, Augusta, Kan.	31
62. W. F. Wimmer, Valley Mound, Kan.	35
63. T. E. Cox	125
64. J. E. Drehmer, Arkansas City, Kan.	32
65. John Thibbitt	34
66. H. B. Harris, Burden, Kan.	30
67. L. E. Parsons, Udall, Kan.	25

The Stodder-Marshall Bros. Sale.

The Stodder-Marshall Bros. sale which took place at Burden, Kan., November 24th, was well attended by local breeders and bids by mail were much in evidence. Messrs. M. O. Ruthrauff & Son, of South Haven, Kan., topped the sale, paying \$75 for a son of Mc's Pride. The sale was a success in every way, forty-seven head bringing the neat sum of \$1,433, which made an average of \$32.81 per head. Col. John D. Snyder and others conducted the sale in a very satisfactory manner. Below will be found a list of sales which brought \$35 or more:

Lot.	Price.
42. M. O. Ruthrauff & Son South Haven, Kan.	\$75
24. L. C. Dressell, Eatonville, Kan.	65
40. H. H. Hague, Walton, Kan.	53
43. Dr. Rude, Burden, Kan.	50
43. C. L. Burt, Burden, Kan.	47
41. F. Drybread, Elk City, Kan.	41
38. Grant Chapin, Greene, Kan.	41
34. J. W. Jones, Cherokee, I. T.	35
32. Geo. Stunkie, Belle Plaine, Kan.	39
5. H. Hague	35
20. W. L. Baun, Cambridge, Kan.	40
23. F. Drybread	36
26. Dan Frank, Burden, Kan.	41
27. F. Drybread	50
29. Ward Bros, Republic, Kan.	45

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GET THE BEST.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

CONCLUSIONS ON SILAGE TAINED MILK.

That milk from silage-fed cows possesses a flavor and odor distinct from other milk is a generally conceded fact. The impression of sweetness to the taste and smell is characteristic. On account of the supposed impurity of such milk by misinformed consumers, dairymen have been put to much unnecessary inconvenience and loss. The stand generally taken by sensible people has been that while sound, well-preserved silage may taint milk, it cannot contribute to the impurity of the product. Experiments at a number of leading stations now confirm this statement.

As with turnip, cabbage and other strongly flavored foods, silage should be fed after milking. Only when fed just prior does the milk have the pronounced characteristic flavor. While it seemed to be the general opinion that there was a more pronounced flavor to milk from silage-fed cows, the impression to the taste is not at all objectionable. In Illinois 372 persons were given a sample each of silage-made milk and that produced from grain and hays. Sixty per cent favored the former article and 29 per cent the latter, while 11 per cent had no choice. While we are not positive, we suspect that these persons were selected from the college population and were fully as particular in their tastes as the patrons of any milk route. City experts have been subjected to a similar test and results were practically the same. The influence on the butter seems to be that of giving a higher and better flavor.

Formerly it was thought by some that the taint from silage found its way into the milk from the atmosphere pregnant with the odor of the silo ferment, rather than through the cow. But milk placed in the silo with everything favorable for the reception of odors, and milk with the air of the silo forced through it, was found to have received in both cases practically no taint, as compared to that tainted from the cow.

The favorable conclusion of these tests must not, however, make the dairyman careless about the feeding of silage and the exposure of milk to silo odors. There is always the possibility of bad odors and badly fermented silage. Milk produced from such a product should be as objectionable as that produced from moldy or otherwise damaged feeds. The difficulty in the use of such feeds is further increased by the impossibility of avoiding the flavor in butter or other products made from such milk. Thorough-going dairymen have found these results in accord with their experience.

and consumers will we hope soon know the fallacy of their discrimination.

Practical Knowledge of Bacteriology.

To the Editor of The Homestead:

The word bacteria has been so badly abused and misrepresented that it has become almost a by-word and a farce with some people who never saw them under a microscope. The fact of their existence, however, comes home to us very directly when we stop to consider the changes which they produce in milk and matter existing immediately about us.

Wherever we find heat, moisture and food in the proper proportions; such as in milk at 90 degrees F., ensilage, hay, grain, or manure which is heating we notice decay or degeneration taking place, although we do not always consider that it is nothing more than the work of these micro-organisms.

The effect may be checked in milk by cooling to a low temperature. The same is true in each of the other cases. Cooling in some instances may consist of allowing more air for ventilation and in some cases the application of ice. However, it is merely controlling the growth of the bacteria present.

We can control the bacteria in the first place by creating cleanly conditions, for they exist principally in dirt and filth. In the cow stable by eliminating as many of the shelves as possible where dust may collect or by removing all unnecessary piles of rubbish where the same occurs; by allowing pure air to circulate and by carefully grooming cows whose hides are a veritable nest for bacterial growth. In the dairy we construct smooth walls with rounded corners to leave no place for dust to collect. All dairy utensils, cream separators and strainer cloths are carefully washed and sterilized each time after using.

Filters used for water are often found to be a great source of contamination if not frequently cleaned. In our houses we should discard plush furniture as much as possible and buy only plain wood or leather covered furniture which does not collect and hold dust and germs. The flies which spend much of their time on decaying rubbish leave hundreds of putrefying bacteria in their tracks whether they light on victuals on the table or on one's face, and they are not very particular on which place they alight.

Pet animals, such as cats and dogs, like cows, are covered with bacteria and our children are too often allowed to play with them. Frequently these animals spend a part of the night eating some dead carcass and in this way may carry innumerable disease germs directly into the home.

The barber who does not dip his razor in boiling water each time after shaving a customer may inoculate a great many men with any skin disease with which his razor comes in contact. Barbers' itch, caused by the mold and many other diseases are spread in this way. Similarly a dentist may, through lack of proper precaution, distribute most of the diseases known to man, although as a rule they are more sanitary than barbers. It is claimed by competent authorities that 90 per cent of baldness is due to the use of improperly cleaned razors, brushes and combs in the barber shops.

Such instances as these should open the eyes of people who laugh whenever the term bacterial infection is spoken of. There is no need, however, of living in constant fear of bacterial contamination for we breathe them every minute, but it is necessary to avoid unsanitary conditions and to keep our bodies in a healthy condition so that they may be able to throw off the effect of undesirable contamination.

C. W. Melick.

The Week in Kansas.

To the Editor of The Homestead:

In time to make everything pleasant and lovely for a day of Thanksgiving, the weather has again flopped into the usual old-time Kansas style. The snow has gone, the sun once more shines, and were it not for the benefit the moisture was to the wheat and the damage it was to the roads, the unusual snow storm of last week would be a forgotten incident.

As if to please the old guard of weather prophets, who are always predicting that "this snow will go off with a rain," the snow of last week did go off with a rain. All day Sunday there was little

A FARMERS' COMMITTEE SAYS
TUBULAR IS WORLD'S BEST
CREAM SEPARATOR

Low Can
Lightest Bowl
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The Tubular

Self Oiling
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CLEANEST SKIMMER

A community of farmers and dairymen recently united and appointed a committee of six wide awake farmers to thoroughly investigate cream separators and decide which is best.

Why? Simply because they were convinced that cream separators pay, and wanted to know the best before buying. The committee requested all leading separator representatives to meet the committee and show their machines.

Why did they do that? Because the committee wanted to find out positively which separator actually is best. They didn't want to take anybody's word for it, but wanted to see all reliable separators side by side and decide for themselves.

When that committee met, many farmers were present waiting the decision. The committee carefully examined the different separators, and unanimously decided that the Sharples Tubular Cream Separator is best, excelling all others in fifteen essential points.

The members of the committee backed up their decision by buying for themselves six No. 6 Sharples Tubular Cream Separators right on the spot—one Tubular for each farmer on the committee.

What did that mean? That this investigation had absolutely satisfied the committee that the Sharples Tubular is the best cream separator built—the best in every way. If you buy a Sharples Tubular, you will get the world's best separator.

It is to your advantage to learn all about this committee—its decision—and the world's best separator. Write for our handsome, complete catalog C 121, with leaflet and the committee's sworn statement telling all about it.

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Get More Milk Money

Your profits from your cows, your comfort and convenience depend upon the kind of Cream Separator you use. We want to prove to you that the

OMEGA CREAM SEPARATOR

will make more money for you and give you less trouble than any other. You surely are anxious to make no mistake in buying a separator—why not investigate our claims and make us prove them? That's all we ask. Send today for book "More Milk Money," and our Golden Rule Guaranty.

Omega Separator Co., 35 Concord Street, Lansing, Mich.



time when it was not raining. The way the dry ground soaked up the water that fell, though, was the surprise of Monday morning. Sunday evening was cloudy and rainy, with water covering all the surface; Monday morning was bright and clear, with the water almost disappeared. This is the way of a weather change in Kansas.

While it was storming, and all outside was gloomy and disagreeable, the daily newspaper told of stock suffering and great hardship to the farmers; when the sun came out bright and with its old-time warmth, the very editors that wrote of suffering and damage sang praises to the storm to the tune of a big wheat crop assured, and the soil going into the winter in fine shape. Thus we see even the heart of the editor of a daily newspaper is affected by the rays of Kansas' sun.

Corn husking was commenced again yesterday and will be stopped tomorrow only long enough to partake of a dinner such as can only be put together by a woman of Kansas, in celebration of the day of Thanksgiving. And what have we to be thankful for? For all that we have, the greatest of which is Kansas. With a crop that has proven a money maker; with health that is brought by the sun and wind of a healthy state; with a people for neighbors that cannot be equalled in all this wide, wide world, what is there we cannot be thankful for?

With the few who are through husking helping the men who still have corn to husk, the work will be rushed from now on, if the weather continues favorable, as it looks, this, the day before Thanksgiving. Little corn is going to market, partly on account of the roads, which are now a little heavy, and partly because of a scarcity of cars to ship what has already been hauled in. Some feeders have been paying as high as thirty-three to thirty-five cents, and all agree that spring will see corn higher in price than it now is.

Henry Hatch.

Coffey Co., Kan., Nov. 28, 1906.

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Over All Gravity and Dilution Systems
And At Least \$5- Per Cow
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While They Last
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Better Than Ever

No matter what separator you are now using—No matter what separator you are thinking of buying—No matter how you now handle your milk—you ought to examine the

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It won't take you long to see its good points—and it's worth a whole lot to you in good hard money to find the separator that turns easier, is more simple in construction and does better work than any other. All we ask is that you investigate. Send today for catalog and valuable dairy books. Empire Cream Separator Co., Bloomfield, N.J.—Chicago, Ill.

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Repeated tests have demonstrated that the "IOWA" is the only Separator that takes out every particle of the cream. Therefore, given a certain amount of milk, for a specified length of time, and the additional amount of cream secured will pay for the machine.

Gold medals at World's Fair and Portland attest the superiority of the "IOWA" over all others.

Made in all sizes from 250 to 750 pounds. Your name and address on a postal card will bring you a handsomely illustrated booklet with full information, price list, etc. Write at once, for every day that finds you without an "IOWA" finds you losing money. Ask for catalog 25. Address,

The Iowa Dairy Separator Co.,
Waterloo, Iowa.

DAY BY DAY

Agricola

Sunshine is a germicide, say the scientists. Agricola knows of no more practical way to get the benefits of sunshine for cows in milk than to have barn windows so arranged that the sunshine will fall full upon their backs. Then see that they have dry bedding in abundance, and that the bedding is clean as well as dry, and you are well to the head of the class in sanitary proficiency. It is something that the cows appreciate, and something to which they will respond at milking time, and disease is ward off at the same time. When the days are cold but clear the cows are bathed in warm sunlight, and it is an invigorating bath.

Not only do cows need sunshine, but all young animals need it. No calf or pig deprived of sunshine can be thrifty. This is doubtless one cause of the great mortality among early spring pigs—at least it was in this locality. The days were dark and overcast, and a pig in sunless quarters is easily persuaded to die young.

Chicago commission firms sent circulars to farmers just before Thanksgiving urging them to ship all the poultry they could, as the price would be high. The response was so great that the local dealers grew timid and cut prices and still had more poultry offered than they desired, fearing that there would be so decided a glut that they would lose money even at the reduced buying price. It makes no difference to speak of to the city commission men, for they get their percentage just the same, which is less on each "bird," but there are so many more of them that they do good business. Well, it gave the poorer class the opportunity to have a feast and be thankful, and that is all right.

I know a boy who grew up and landed in the state insane asylum. He was later returned to the county as incurable, and kept in the county asylum, proving to be the most degenerate and troublesome to manage of any there. The cause was ascribed to devouring yellow ten-cent novels which fired the baser passions and dwarfed the nobler, unbalancing his reason. This is one marked case. There are scores of others less pronounced, but all of them teaching the same lesson—what a man grows to be depends much upon his daily food, mental and material.

"As the twig is bent, the tree is inclined," is an old saying which is ever new. "Bring up a boy in the way he should go, etc." is still older, and it is as pregnant with wisdom as it was centuries before the Christian era.

Why does Agricola recall this matter to the attention of the thousands who read this journal? Because the long winter evenings are here, and because winter is the seed time for spiritual affairs. Now is the time to select the reading matter for the year. Not only



Are you tired of trying to make a high-priced farm pay?

Isn't it a pretty hard job to make a good living on a small farm? If you could get the adjoining 80 acres you could do better. But what about the cost? Wouldn't it take a good deal of money to buy enough land to really make a good living where land is so high? Wouldn't it be a good deal better to

Go to the Southwest and get a big farm?

You can get anywhere from 10 to 20 acres in the Southwest for the price of one acre in your state. And you never saw better land. 30 bushels of wheat to the acre is the average yield, 50 bushels of corn and 90 bushels of oats are the regular thing.

Perhaps you haven't thought of it—but the Southwestern farmer has all the best of you. His crops are as big as yours—or bigger. His land cost only a fraction of what yours cost. He has as good markets as you have—or better. He gets better prices for all he raises. He has fine schools and churches. He enjoys a fine climate and is healthier than farmers most anywhere else. You can't induce him to return to his native state. He is too well pleased where he is.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines
1413 La Salle Street Station, Chicago or 1413 Frisco Building, St. Louis.



does the family need good agricultural papers, but it needs good journals of general nature, good magazines, good books, and now is the best time to select them. Every local paper has clubbing lists, of which it gives the full benefit to its patrons, and money is saved and all trouble and risk by consulting local publishers. But talk with the mother and the children before ordering. An unread book or neglected paper is of no value, and those which are read in their stead may be harmful. There are useful publications which are also interesting.

I have a friend who is a nurseryman, as well as farmer. How he manages to protect his young fruit trees from rabbits is what puzzled me. But he made the matter plain. He has a rabbit-tight fence, although not entirely enclosing his grounds, but when a rabbit gets in, the dog drives him to the tight fence and that rabbit makes no more trouble.

The interstate pure food law now in effect forbids offering for shipment any veal carcass less than three weeks old. Nor can the farmer ship it then until he has made out a certificate in duplicate certifying that he is a farmer and that he killed and dressed the animal himself and that it is healthy and fit for food. This is in accord with modern civilized sentiment. Who wants to be fed upon immature animal food—that so near birth as to lack the individuality of the flesh characteristic of the animal? Thousands and tens of thousands of veal calves of the tender age of three days have been shipped to Chicago from this vicinity, and our city cousins ate them and thought the flesh tender and sweet. Where ignorance is bliss the government steps in to protect the ignorant from their mistakes of appetite.

But there is no effort made to protect the lovers of "quail on toast" from having new-born chickens palmed off on

them for quails. And how much depends upon our inherited tastes! We sell the egg itself—yes, we eat it, and call it good. But should we stop to reflect we should be forced to the conclusion that we are not in all matters really consistent.

Most of the farmers finished husking while the weather was fine, and the cattle have reveled in the delights of the stalk fields ever since. On the other hand, some farmers have been unable to secure the necessary help and have felt that plowing must be done while the ground is not frozen, and corn can be husked afterwards, and they are behind with the husking. Enough has been picked from day to day to keep the pigs eating, and that is about all. And those who shred have been delayed by snow and rain. Shredded fodder must go into the mow dry or it will spoil. Better weather than usual, and worse than usual, have alternated. Husking with the ground covered with mushy snow is no picnic.

In the discussion whether the corn binder pays—whether it is really economical to cut corn with it instead of using the twenty-cent hand knife of the daddies, the condition of the labor market is a determining factor. Had Agricola been obliged to cut by hand this fall or let it stand uncut, it would have stood until it fell down. Take sweet corn, the ears of which have been sent to the factory, and each alternate row is a "down row" after the ears are gathered, what kind of work could hand cutters do, even if they could be procured? But every last one of the otherwise unemployed had a job in the factory—man, woman or child.

And then there is the fodder corn—that which is drilled in thick, especially for fodder, and no ears on it except nubbins. The nubbins are not knocked off by the machine, and it cuts and binds

the heavy drill row as fast as three horses walk, but the one who tried to cover much ground by hand would have to hump himself and then make slow progress, and then the fodder corn would be loose and unwieldy to handle.

There is more attention paid here to improved breeds of swine than to improved breeds of cattle. It seems to be easier to get into good stock, do not have to wait so long for breeders to come to breeding age, and a litter or two a year of several to the litter soon fills the pens and pastures, and brings in the cash from sales. And then, the different breeds are not so much at variance with swine as with cattle. There is no "dual-purpose" muddle, and no beef breed nor butter breed to discuss. It is simply a question of bone and muscle and vitality, and you can take your choice as to color with the same ideal in mind as to form and constitution, with the rare exception of the few who are insistent upon the "bacon type."

SPECIAL RATES.

On Saturdays and Sundays from December 16th and January 5th to March 31st the Chicago Great Western Railway will sell winter visitors week end tickets to points 150 miles distant up to and including all stations within fifty miles of St. Paul and Chicago at rate of one fare plus \$2 for the round trip. Tickets limited to seven days, with privilege of extension on payment of one-third of regular one-way rate. Short-limit tickets to nearly all stations on sale at all stations Saturdays and Sundays at one fare for the round trip. Tell your friends about it and have them come and visit you. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

NOTICE.

When you write your friends in North Dakota advise them about the low-rate tickets on sale now for home visitors to Iowa points—one and one-third for the round trip. Don't forget to tell them that the Chicago Great Western Railway is the only line which has three trains every day in the year between St. Paul and Minneapolis and Iowa points. Complete information from E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

MUSCULAR AILMENTS



The Old-Monk-Cure will straighten out a contracted muscle in a jiffy.

ST. JACOBS OIL

Don't play possum with pain, but tends strictly to business.

Price 25c and 50c

VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENTS.

CANCER.

I have a full-blooded Chester White sow that raised a litter of pigs last spring, and after weaning pigs her bag became swollen and would break and matter at intervals. It is as large as a gallon pail. Can you tell me of a remedy for this? Would you advise breeding her for another litter?

The condition of the udder is incurable and either cancerous or due to the fungus that causes lumpy jaw in cattle. Do not breed her again. She should be slaughtered.

LAME COLT.

I have a colt seven months old that seems crippled in its hind parts. It was all right when it was foaled, but about a month afterwards it got to rubbing its back under a hay rack, and rubbed all the hair off, and it was not long until it became crippled. It has a good appetite. Can you tell me anything to do for it?

We are quite unable to say what is the matter with the colt as an examination would be necessary to determine the cause of the trouble. All we can suggest is that you keep the colt in a roomy box stall and feed it generously.

LAMENESS.

Please advise me what to do for my four-year-old filly. She is lame in her right fore shoulder and shows sweeney. When she trots or runs she carries her foot. When she walks she places one fore foot right ahead of the other. She has been this way for about three weeks.

We are not at all sure that the shoulder is the seat of the lameness. It may well be located in the foot, from your description. If a thorough search of the foot proves that it is sound, remove hair from shoulder and blister with cerate of cantharides. It would, however, be much better to have an examination made by an expert.

ABORTION.

I have had bad luck with my cows losing their calves. Have lost thirteen calves. Is carbolic acid good for this trouble, and if so, how much should the cows be given?

Mix two pounds of pure carbolic acid with one hundred pounds of barrel salt and allow cattle free access to it all of the time. We fear, however, that this will not rid the herd of abortion and the treatment by use of antiseptics on cows and bulls is troublesome and requires to be continued a year and a half or more. If the cattle are common natives better market them and start over anew after thoroughly cleansing, disinfecting and whitewashing the stables.

LOCOMOTOR ATAXIA.

We have a bay yearling gelding which seems to have lost the use of all four legs. He can stand up, but when he goes to walk he just wobbles all over. He has been running in good pasture and stalk field. He is in good flesh, eats well and drinks well. Can you tell me what is wrong with him?

We can give you little promise that the gelding will recover, as there is some serious condition of brain or spinal cord causing the staggering gait. Feed light rations and give him half a dram of fluid extract of nux vomica three times a day, gradually increasing the dose until you notice involuntary twitching of the muscles, at which stage go back to first dose and repeat if necessary. If nux does no good try effects of a dram

of iodid of potash in water twice daily for periods of one week at a time.

FOUNDER.

I have a six-months-old colt that has gone lame in the front feet or shoulders—I think feet. She stands or walks with feet as far out in front as possible, with joints straight, but can bend them if you make her. She has been in that condition for six weeks. She has a good appetite. I have done nothing except to clean out feet, as I do not know what is the matter. Neither colt nor mare has had any chance to get foundered that I know of.

The symptoms point unmistakably to founder, but we have never seen the trouble in so young a colt. Still it would be well to blister the coronets in the usual way after removal of hair. Cerate of cantharides well rubbed in will be sufficiently strong for the purpose. Also give internally fifteen grains of iodid of potash twice daily in water for a week.

THUMPS.

I have twenty-five shoats that will weigh ninety to 150 pounds. About three weeks ago one took sick and now six more are sick. They breathe like a heavy horse, only faster. They have no appetite and just lie around. I have been feeding corn with middling shorts. I put a small handful of salt in slop every day, give turpentine occasionally, and have a box of salt and ashes they run to all the time. Please answer through the columns of your paper.

Stop all grain food and substitute a light slop of milk, middlings and dried blood meal or tankage and in it mix lime water freely. Physic the pigs with epsom salts in slop. Make them run out doors as much as possible for exercise. Bad cases cannot be saved. Distress may be relieved by giving alternate doses of tinctures of opium and digitalis every four hours following the physic. The dose ten to fifteen drops of each medicine.

SICK HOGS.

I am feeding sixty-three head of hogs. Fifty-nine of them are spring and summer shoats. Have been feeding these ever since corn was fit to feed. Am stopping them heavily with mill feed, oil meal, stock food, with once in a while a little turpentine in the slop. The shoats all have a cough. Two of them, which will weigh 125 pounds, have had their ears dry up and come off as if they were frozen. The hair from the ears back on the shoulders has come off. They are all looking well and in good condition. Can you tell me what is the matter with them? A week ago I fed and stopped them in the morning and did not see anything wrong with them, and about 4 o'clock in the evening I found one of them dead. This one would weigh 150 pounds. Kindly give me any information you can in regard to them.

Read answer under head of "Cough." Hogs are being fed too heavily; also the stock feed is quite unnecessary and should not be given. For a time put the hogs on very light rations, not including corn, and let them run out doors as much as possible. Give them the turpentine treatment so often prescribed here.

DEHORNING.

(1) Please publish in your paper how to prevent horns growing on calves. (2) Does it do any harm to cut off cows' horns? I have a cow that will calve next month. Would it bother her to cut off her horns now? Do cows do better with horns off? (3) I have a cow that calved last September. The calf never sucked her, but since I have tied her up she will start to draw up her milk and bump her back as soon as we begin to milk her. I don't get all the milk. Can you tell me anything to do?

(1) Horns may be stopped from coming in by wetting over horn button and then rubbing in caustic potash until a crust is formed. This must be done just as soon as horn button can be felt. (2) Do not dehorn her before she calves. Dehorning is unnecessary unless cow is vicious or a number of cows or other cattle are to be fed at a trough or shipped in cars. (3) Foment her udder with hot water before milking and then rub in a little lard. If you find that udder is sore, rub with belladonna ointment after each fomentation.

OEDEMA.

Please advise me what to do for my six-months-old colt. About three weeks ago he became dull and languid; appetite poor. About a week ago, when on pasture, a cold rain came up and when taken in he was quite chilled. That night his throat swelled up, but it went down the next day. Have kept him up since then. Two days ago turned him out for two or three hours' exercise in the field, it being a mild day. That evening his throat and under the jaws was badly swollen. His sheath was also swollen. Swelling went down from throat next day, but sheath and body forward from it is swelling. Appetite is better now than for some time. Does not seem to have had any fever at any time.

The swelling is dropsical and probably indicates bloodlessness most likely due to worms. The blood worm is the worst for causing this condition. Feed the colt generously on oats and bran along with best of hay and allow him free access to a box containing a mixture of four parts barrel salt, two parts flowers of

sulphur, one part ground gentian root and half a part of dried sulphate of iron. Rub his throat with druggist's soap liniment four ounces; turpentine and aqua ammonia of each one ounce; water to make one pint. We advise the latter treatment as it is just possible that he is coming down with strangles.

SWOLLEN JOINTS, ETC.

(1) I have a four-year-old bay gelding that has a swollen hock which was kicked last spring, as I understand, but am of the opinion it is caused from a sprain. He is a little crooked behind and curbed a little in same leg, but has no pulls and is not lame. When driven it goes down a great deal, but at night it swells badly. The joint below also swells. Please prescribe treatment. (2) A neighbor of mine has a mare that got her hip knocked down about ten years ago, when she was three years old, but the last year her hips are exactly the same. He says the other is knocked down, too. Is he right or has the affected one been replaced? What could be done for a valuable three-year-old having one hip knocked down? Could a skilled veterinarian knock the other down and make them both the same without laming her? (3) I have a four-year-old family mare that has a small ringbone on her left fore foot that was treated about ten months ago, when she was very lame, by putting ringbone paste on it. She now limps but little and steps lightly on same. There is a scar, or thickness of the hide, on the worst place. Would you advise more treatment with the same? I think her foot has been broken in the lower joint, from the shape of it, as it is longer and shaped like a cow's hoof. A veterinary told me he thought it could never be cured without taking a chisel and bursting the growth or bone in two or three places. Would you advise this?

(1) Remove the hair and blister joint with cerate of cantharides at intervals of one month. (2) Nothing can be done when the point of the leum (hip) has been "knocked down." Leave it alone. The proposed operation should not be attempted. (3) The proposed treatment is absurd and would ruin the animal. Don't listen to men who know nothing of anatomy and veterinary science. Repeated blistering would do good, but avoid the scarred place.

COUGH.

Will you please tell me what ails my hogs and what to do for them? I have fifty spring pigs weighing about 150 pounds each and thirty fall pigs two months and a half old and six old sows. These hogs have all had the run of twelve acres of pasture all summer and fall. Did not feed any new corn until about the middle of October, but have had a liberal feed of old corn and slop twice a day, of ground oats one-half, corn one-fourth and middlings one-fourth, and the last week or two a little oil meal. They have had all the salt and ashes they would eat and have fed some coal this fall. They look well and seem to be hearty, but have had a cough for the last month. I fed them for the cough half a gallon of turpentine and six pounds of copperas, but it does not seem to help them. They have never had any more feed than they would eat up clean and squeal for the next feed, and have had good, dry sleeping quarters and plenty of room. I went out to feed them one morning and noticed that one wasn't eating. She lay down and I made her get up. She seemed to breathe hard and jerked her sides like she had the thumps. I made her stir around and she began to cough very hard and tried to vomit, but did not that I could see. She has laid around since then (I put her by herself) and seemed to hump all up and be stiff, and this morning she was dead. They all cough if you start them up quick or when they are playing and running they will all commence coughing.

You should have at once opened the dead hog and made a careful examination for cause of disease. We suspect that lung worms (*strongylus paradoxus*) are present in the air passages of the lungs, but cough often is present in "thump" from overfeeding and lack of exercise. Treat with turpentine again and stop feeding corn dry or in slop.

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POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

WORMS IN TURKEYS.

The following communication has recently been received from one of our subscribers at Belknap, Iowa:

Will you please tell me what to do for worms in turkeys? In their droppings are numerous small white worms and of course they are doing no good. Will oil meal hurt them? Will santonin hurt them and how should it be given? I feed mostly corn, oats and milk.

The infected birds should be yarded for a time to prevent the spread of the worms, and the soil of their yard often sprinkled with slaked lime. Many drugs are recommended to be used against the parasites, such as sulphate of copper, turpentine and santonin. Santonin is deservedly a popular remedy for worms. It is the most reliable anthelmintic known to the medical profession.

Turpentine gives excellent results. It is cheap and not difficult to give. Catch the birds and give about one teaspoonful, following the dose with a teaspoonful of a strong solution of epsom salts. One dose is usually sufficient, but if necessary give a second dose two or three days after the first treatment. Give about two grains of santonin, followed by salts. They should have only soft cooked food while they are ailing.

It would be the means of preventing much sickness among turkeys if they could be kept from wandering over rain-soaked fields and away from swampy land, for their fondness for angle worms seems to be responsible for most of the diseases to which they are subject; that is to say, infectious diseases.

Amount of Food.

To the Editor of The Homestead:

You submit to me the following inquiry received from one of your subscribers:

Where hens are confined in pens and cannot get at other foods, how much grain is required per day to keep, say 100 in good condition so that they will be profitable as layers? The grain that will be used in this case will be corn, wheat and barley. What proportion should be used, and what is the total amount of grain daily that should be given to these 100 hens?

How much to feed is as important as what to feed. The only rule for feeding is the rule of appetite. Keep the appetite good, and to do this is the fine art of feeding. It cannot be taught; it must be learned by practice. Fowls do not eat the same amount of food each day. Those that are laying eat far more than fowls of the same age and breed not laying. Pullets not laying eat more than the same weight of old hens not laying. Some breeds eat more than others, all other conditions being equal. Individuals of the same variety and age differ in their capacity to consume food, therefore hens cannot be fed by rule of weight or measure.

Poultry folks differ in the amount of food to feed each fowl. An ounce of food to each pound weight of each fowl is about the right quantity. One-third of the food consumed by the laying hen is required to repair the waste tissues, one-third goes to waste and one-third to egg production. Liberal feeding is necessary to produce prolific laying. No more food than is consumed with keen relish should be given. We must learn by doing.

A good plan is to give a light feeding of mixed grain early in the morning in litter, to feed at noon a warm, soft mash which will be eaten within a few minutes, and at night to scatter as much mixed grain as they can possibly eat. Hens should go to roost with their crops full. There is as much danger from over-feeding as from underfeeding. The latter error, however, is more common.

B. F. Wilcoxson.

Eating Poisoned Meat.

To the Editor of The Homestead:

In a recent issue of this paper I noticed the account of a subscriber who lost some chickens, as he supposed, from eating the flesh of poisoned animals, and as I remember the editor of the poultry department assured the subscriber that the chickens were not poisoned, but probably had the roup.

Now let me relate an experience of

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It is generally brought on by letting the cold wind strike the fowls or by letting them roost in damp houses. Damp weather is a breeder of the disease. With proper care roup can be prevented. It is a difficult disease to cure when it once makes the attack. Begin in time and depend upon the preventive and not the cure.

You have no doubt heard of the man who took a bath once a year, whether he needed it or not. Do not clean your hen house this way. Clean it often. It is worth the trouble just to see the fowls enjoy it. Clean the dropping boards and cover them with ashes. This answers several purposes. The fowls enjoy picking the charcoal from it while it is clean; it helps to remove the next lot of droppings, keeps the boards sweet and clean and helps to keep lice away.

When selecting the young pullets bear in mind that any lack of vigor in them while they are small is evidence that they will not be hardy when fully matured. Hardiness is everything with a

ours along that line: Last summer while I was busy haying I neglected to clean out my horse barn for several days, and when I did clean it out under the manure were thousands of tiny maggots, and in my ignorance I allowed the chickens to eat of these little worms, which some of them did very freely. This was in the morning, and in the evening when I came in from work there were three dead hens and several sick ones around the barn. I was at a loss to know the cause of the trouble, so of course I examined the dead ones and in the crop of every one that died was found a quantity of these maggots. Two hens were all that recovered out of eleven sick ones.

A neighbor informed us that she had had the same experience with her chickens eating maggots in an old rotted straw stack and another time from maggots from a decaying turtle. I don't think the maggot lives in the crop of the fowl to cause the trouble, but rather that it poisons the fowl, as some of ours had fits similar to an animal that has been poisoned, and they were all partially paralyzed and seemed to be blind. I would say that these fowls were healthy up to the time mentioned, and none have been sick since.

Lyon Co., Kan. W. W. Covert.

Give the Poultry Buttermilk.

To the Editor of The Homestead:

It has long been known that buttermilk is one of the best drinks for invalids, and in fact for the average person, but I doubt if very many who are interested in poultry realize its value as a drink or food for poultry. Buttermilk contains about the proper amount of lactic acid necessary to induce perfect digestion. It may also take the place of meat to a great extent.

It keeps the fowls in a laxative condition, and at the same time furnishes considerable valuable, readily digested food. I prefer to give it to them in vessels, but if soft feed is given them, buttermilk may be used instead of water to mix it with. The fowls are very fond of it, and it has proved as valuable for the hens to induce egg-laying as for the chicks which are making flesh, bone, muscle and feathers at one and the same time, and which need a varied diet of the most nourishing foods. It makes the fowls plump and the flesh lighter colored, tender and juicy. As it has proven to be such a great aid to digestion, it is not more than what could be expected that fowls which have access to buttermilk are less subject to cholera or diarrhea, and this has through years of experience proven to be so.

A. F. Sorensen.

Cleanliness is a necessity. Neglect to observe cleanliness will quickly outdo all other work. Clean quarters are as necessary as food and just as essential to health. Fowls cannot breathe bad air continually at night and remain long in health. Unclean surroundings debilitate and render the fowl more subject to disease. Vermin results from filth and neglect to keep the poultry in proper condition. One remarkable fact about the poultry business is that it gives relatively quick returns. Years are required for cows, sheep and horses to grow, and pigs require a considerable length of time. But even if poultry raising is begun by selecting eggs for hatching, the product in the form of broilers, capons or mature fowls should be ready for the market in from six to eight months. It is a business in which women may engage successfully.

The pullets that we expect for winter layers must be kept growing and in good health. We should see that they are not overcrowded. The fall of the year is the worst time for roup.

flock, for if any of the old or young stock cannot pass through the warmer season of the year with perfect freedom from disease, they will not prove profitable as layers next winter. The getting of eggs from a flock during cold weather depends on the selection and management of the pullets in the summer and fall.

When Alonzo Murphy, of Jasper county, Iowa, set his favorite Plymouth Rock hen a few months ago he placed under her a lot of eggs purchased in the village, and which bore evidence of being in cold storage. Mr. Murphy was not at all confident that cold storage eggs could be hatched and he was agreeably surprised when the old hen in due time came off with a brood of seventeen lovely little chicks. The chickens grew rapidly, but it was noticed that no feathers replaced the down on their bodies. A close examination showed that they were covered with fur. It is Mr. Mur-

phy's theory that through a wise and bountiful provision nature adapts all animate beings to their environment. The fur is thick and glossy and of various colors. The absence of feathers prevents these remarkable young fowls from attempting to fly, which Mr. Murphy considers a distinct advantage. In all other respects the chickens are normal. This report is not accompanied by any affidavit. I think the above will answer the question which I receive almost daily, "Will packed eggs hatch?"

Breeding for beauty is all right in its place, but when beauty interferes with utility then it is time to let beauty take second place. There are mongrel hens that lay as many eggs as the most prolific Leghorn, but they cannot be depended upon to transmit the tendency to their progeny. This is where the mongrel fails.

We want better egg records, and we want better carcasses, but it does not seem to have occurred to the average poultryman that it is far easier and better to secure or increase those qualities in the breeds we have, by proper care and mating, than it is to manufacture something new with the desired traits.

It is rather poor economy to cram fifty cents worth of drugs down the throat of a sick chicken that would not be worth over a quarter if it were well.

A quick maturing fowl is desirable as a market fowl and also for home consumption, especially in early spring. Careful selection will aid in this.

Do not undertake to keep too many hens at a time. A few well cared for is better than a large number left to look out for themselves.

POINTERS.

—Buff Cochins are bred exclusively by Mrs. C. Wonderly, of Benedict, Neb. See advertisement on this page.

—Mrs. Nettle Crane, of Blencoe, Iowa, has Single Comb Buff Orpingtons for sale as per her advertisement appearing on this page.

—Mr. O. N. Woody, of Newton, Iowa, has some Plymouth Rocks which he will offer for the next thirty days at bargain prices. His advertisement appears on this page.

—Mr. S. R. Young, of Greenville, Iowa, has Silver Wyandottes from high-scoring stock which he will offer at reduced prices for the next thirty days. His advertisement appears on this page.

—Mr. E. O. Wolcott, of Gilmore City, Iowa, is offering Single Combed Brown Leghorn cockerels that are extra choice for sale in his advertisement which appears on this page of The Homestead.

—The Forest Home Poultry Farm, at Audubon, Iowa, have ten fine two-year-old White Holland turkey toms on which they are quoting price in advertisement on this page. They also announce that they do not have any White Wyandotte stock for sale at present.

—Mr. M. Hummel, of Monroe, Iowa, writes that he has an extra good lot of Barred Plymouth Rocks for sale—450 in number. They have heavy bones and are sired by high-scoring Iowa State Fair and Jasper County Fair first prize winners. Nothing but first-class stock will be shipped.

—Mr. Cyrus H. Whitford, of Iowa Falls, Iowa, is offering Barred Plymouth Rock cockerels for sale in his advertisement on this page. He writes: "These cockerels are large, growthy birds with fine heads and correct markings. They are all strictly farm raised with plenty of range at all times."

—Messrs. C. C. Drake & Son, of La Harpe, Ill., are offering Barred Plymouth Rock cockerels for sale in an advertisement on this page. These cockerels are of the Bradley and Neibert strains and their pens are headed by males direct from these breeders. They are closing out their entire flock of pure-bred Fitchel White Plymouth Rocks and are going to sell them at bargain prices.

—Mr. G. W. Stout, of Rosehill, Iowa, breeds Barred Plymouth Rocks exclusively. His young stock this season, he considers finer than ever before. In his advertisement on this page of The Homestead he reminds our readers that good breeding stock is the cheapest in the long run, no matter what the first cost may be. He is pricing cockerels at \$2 and pullets at \$1 each, if taken in lots of five or more.

—"These cockerels are extra fine," writes Mr. J. L. Barber, of Harlan, Iowa, in sending copy for his Barred Plymouth Rock advertisement which appears on this page. "They are very evenly barred, nice low combs and will be guaranteed to be O. K. or no sale. I wish to close them out at once, and will sell them well worth the money. They are of the Bradley and Latham strains and I never raised a finer lot of cockerels. If looking for first-class stock, write me. They cost you nothing if they are not as I tell you."

—Homestead readers desiring to purchase Barred Plymouth Rock cockerels or Mammoth Bronze turkeys will do well to write Mr. S. V. Latham, of Montezuma, Iowa. Mr. Latham writes: "I have a grand lot of big-boned, well-marked Barred Plymouth Rock cockerels to offer. They are the kind that will be sure to please. I have in the past few days shipped birds to Massachusetts, Mississippi, North Dakota and to several points in Iowa. I also have a fine lot of Mammoth Bronze turkeys for sale, sired by the first-prize tom at Iowa State show. My turkeys have also been first prize winners at the Montezuma and Marshalltown shows. Can mate pairs and trios not akin. I also

have Pekin ducks for sale." Look up his advertisement on this page and write him your wants.

—Mrs. C. Rogers, of Exira, Iowa, has White Wyandotte cockerels for sale and in her advertisement on this page she is quoting a very low price.

—Mr. H. M. McKeen, of Sac City, Iowa, has been a breeder of Black Langshan chickens for the past nine years. He is offering carefully-bred stock for sale in his advertisement that appears on this page.

A SEVEN DOLLAR INCUBATOR. The Belle City Incubator Company, of Racine, Wis., are offering a 120-egg incubator, freight prepaid, for \$7. It has double cases all over and has a copper tank. This same firm offer a 100-chick hot water brooder for \$4.50. Incubator and brooder ordered together will cost you \$11, and satisfaction is guaranteed. A booklet has recently been published entitled "Hatching Facts," and one will be mailed to you without delay if you will address a card to Belle City Incubator Company, Box 52, Racine, Wis. Look up their advertisement on page 12 and please mention The Homestead when you write.

THE IDEAL INCUBATOR. The J. W. Miller Company, of Freeport, Ill., are offering their Ideal 240-egg incubator for \$11.75. The advertisement will be found on this page of this issue. The 120-egg size costs \$9; the 60-egg size, \$7.50. Brooders are correspondingly low in price. The Ideal is not a "cheap" incubator in the ordinarily accepted sense of the term. It is low in price, but the materials in it are of the very best and the workmanship is also of high order. Ask for 128-page booklet entitled "Poultry for Profit," addressing the J. W. Miller Company, Box 305, Freeport, Ill. Mention The Homestead when writing.

VICTOR INCUBATORS. Everyone who keeps hens ought to be interested in the "Autobiography of a Hen" which gives the whole story from the chick in the egg to how to make hens lay. This book is published by the George Ertel Company, of Quincy, Ill., the manufacturers of the Victor incubators. Forty years' experience in making an incubator ought to be a sufficient guarantee to the public that everything in the Victor incubator is right. The Victor has had a good name all this time and it has lived up to it, and that is the reason why there are so many now in use that are giving satisfaction. For further information about the Victor address George Ertel Company, Quincy, Ill. The advertisement of this firm will be found on this page. Mention The Homestead when you write.

WHERE THE HIDES GO. Shoe men use them up in a way that is appalling—the Mayer Shoe Factory of Milwaukee uses 415,612 annually. Steers, cows, calves, goats, horses, sheep and kangaroos contribute to one of the greatest industries on earth.

In the mad whirl of business, people rarely pause long enough to consider the little things of life and how closely they are identified with the greater ones—how inseparable, in fact they are, from and how essential to them. Take for instance the shoe business—did ever anyone ponder long enough to realize the wealth of actual energy and animal life expended in the production of footwear for the human race.

As an example, take the Mayer Boot & Shoe Co., a Milwaukee concern that in its 300 working days has consumed no less than 415,612 hides of all kinds during the past twelve months.

Here then we have the hides of 60,298 steers, 31,163 cows, 55,704 calves, 196,846 goats, 67,599 sheep, 2,523 horses and 1,479 kangaroos, all consumed and distributed by the great Mayer factory within the period of a year. Stand these animals in a straight line and they would cover a distance of 351 miles, nearly one-sixtieth of the earth's circumference.

To bring this live stock to its final point of destination, required no less than 3,000 twenty-six foot cars, which strung together would cover over fifteen miles of railroad track. It takes the hides of nearly 1,500 animals daily to supply the demands of this monster shoe enterprise and were all of them spread out at one time, it would require an area of over 5,000,000 square feet to accommodate them.

Nearly 1,000 skilled artisans are employed by the Mayer Company the year round making the Honorbilt shoe for men, Western Lady for women, and the celebrated Martha Washington comfort shoes; also school shoes that wear like iron and work shoes for all classes and purposes. The total capacity of the Mayer factory is 6,000 pairs of shoes a day. The equipment of this factory is as thoroughly modern and up to date as money and experience can make it. Another decidedly favorable feature is that of location, which is in the greatest leather market in the world, thus enabling the company to secure first choice on products consumed. The

Will You Just Try This Water-tight RUBBERHIDE BOOT?

Made of purest rubber and best sole leather—sewed not pegged—absolutely water-tight and snag-proof—can be resoled—your money back if they do not outwear two pairs of the best quality rubber boots of other makes. If you work in the wet, you want a boot that will keep your feet perfectly dry—and at the same time not to go to pieces in a few weeks time. Well, here it is:

The Rubberhide Boot

Made of the purest rubber, with heavy leather outsole, and leather innersole, with a rubber welt and middle sole, all joined together (without pegs or nails), and joined to the upper so securely, that a team of horses can't pull them apart.

And not a drop of water can find its way in. The heavy leather sole does not cut or snag when you step on a nail or a sharp stick.

It protects your feet from stones and rough surfaces.

It conforms to the shape of your foot, and

It can be easily resoled—any cobbler can "tap" or half-sole the Rubberhide. The uppers are so good that they will outwear two or three pairs of soles.

Outwears Two Pairs

The inner sole of leather prevents excessive perspiration which makes the ordinary rubber boots such a nuisance.

The Rubberhide is the only absolutely water-tight boot made;

It will last longer than two or three pairs of rubber boots;

It will keep your feet comfortable all the time.

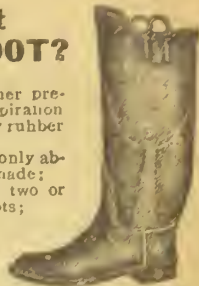
Will You Try a Pair?

If your dealer handles the Rubberhide he will sell them to you on a positive guaranty that they will outwear two pairs of even best quality rubber boots of other makes. If they do not, he will refund every cent you paid for them.

If he does not, send us direct (giving dealer's name) and we will send you a pair with the same money-back guaranty. We pay the express charges.

Write for our Catalogue and Price List.

RUBBERHIDE CO.,
612 Essex Building, Boston, Mass.



POULTRY.

BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains. Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fitchel White Rocks. We have them and are going to sell them at bargain prices. Please notice change in address.

C. C. Drake & Son, LaHarpe, Ill.

B. P. ROCKS EXCLUSIVELY

MY young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are like everything else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence.

G. W. STOUT, Rose Hill, Iowa

WHITE HOLLAND TURKEYS.

10 FINE two-year-old toms, \$5.00 each. No White Wyandotte stock for sale.

FOREST HOME POULTRY FARM, Audubon, Iowa

BARRED P. ROCKS.

EXTRA large, evenly barred, nice yellow legs and beak. Bradley and Latham strains. Prices reasonable. Satisfaction guaranteed.

J. L. BARBER, Harlan, Iowa

200 BARRED P. ROCK cockerels of large bone,

fine style and well barred, at \$1.00 to \$2.00 each, from prize-winning stock; also Mammoth Bronze turkeys from Iowa State Show winners. S. V. Latham, Montezuma, Iowa.

ROSE COMB BROWN LEGHORN, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address E. L. Morse, Floyd, Iowa.

UPLAND Poultry Farm stock for sale from L. T. Brahmas, N. L. Wyandottes, R. C. B. Leghorns, Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

S. C. B. LEGHORNS. I have a limited number of fine cockerels and pullets that I will sell very reasonable if taken soon. J. P. Eskildsen, Lawler, Ia.

MAMMOTH Bronze Turkeys, pure bred and very large strain. Toms, \$5.00 each; hens, \$3.50 each. Address, Mrs. Emma La Follette, Bakesburg, Iowa

FOR SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

40 BIRDS hardy northern raised thoroughbred turkeys, geese, ducks and chickens. Iowas and eggs. Prices low. R. R. Neubert, Mankato, Minn.

SILVER Wyandottes exclusively; large, vigorous birds from high-scoring stock. Reduced rates for 30 days. We need room. S. R. Young, Greenville, Ia.

BLACK LANGSHANS, the result of nine years' careful and exclusive breeding. \$1.00 each in lots of three or more. H. M. McKeen, Sac City, Ia.

S. C. BUFF ORPINGTONS. A few choice males and females from popular strains. Prices reasonable, if taken soon. Nettle Crane, Blencoe, Ia.

150 SINGLE Comb Brown Leghorn cockerels, \$3 to \$10 per doz. Buff Cochins, Bantams, Indian Runner ducks. Mrs. Will Michael, Selma, Iowa.

I HAVE the best Mammoth Bronze Turkeys. Toms \$5, hens \$3. Can ship via C. R. L. & P. or Santa Fe. Rosalee Newberry, Argyle, Lee county, Iowa.

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

BUFF ORPINGTONS and Buff Rock cockerels Large, even colored birds. \$1.00 to \$1.50 this month. Mrs. G. R. Fuller, Itasca, Iowa.

50 B. P. R. Cockerels for sale. Large bone, fine markings. \$1.00 each. Eggs in season. Cyrus H. Whitford, Iowa Falls, Iowa.

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Cuss Co., Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

WHITE Wyandotte hens, scoring from 94 to 96, all yearlings. \$1.50 to \$3 each. Mrs. L. M. Estes, Audubon, Ia. Route 2

PARTRIDGE COCHINS exclusively. Both sexes for sale. None better. Mrs. C. E. Wonderly, Benedict, Neb.

FOR SALE—Pure bred White Wyandotte Cockerels. \$1.00 each. Mrs. C. Rogers, Exira, Iowa, R. R. 4; box 33.

This 230 Egg incubator

\$12.75

We Pay the Freight

East of the Rockies. Here's an offer never before equalled. The famous

Royal Incubator

Sold on trial, freight prepaid. Guaranteed in every way. Automatic control of heat and ventilation. Perfect hatches assured. Doubles your poultry profits. Don't pay more for smaller and poorer incubators. Get the best at freight-paid bargain prices. Investigate before you buy. Fine catalog of incubators, brooders, poultry and all supplies free. Booklet, "Proper Care and Feeding of Chicks." 10c. 50c poultry paper on 77. 10c. Royal Incubator Co., Drawer 765 Dea Moines, Ia.

\$11.75

Buys a 240 Egg Incubator. The surest and easiest hatcher made.

The Famous

IDEAL INCUBATOR

240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than? Let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guaranty and our big 128 page book "Poultry for Profit." It's free.

J. W. MILLER CO., Box 305, Freeport, Ills.

Write today for The Autobiography of a Hen and the Victor Book—the whole story from the chick in the egg to how to make hens lay. All about incubators for expert and beginner. Knowledge you ought to have if you are thinking of buying one. VICTOR machines are practical and well made, economical in operation and always produce the best results. Don't waste your time, eggs and oil in a poor machine. Let us tell you how to begin right. Our 40 years experience is at your service in these books. Let us send them to you and see. Write us for them today. Geo. Ertel Co. Established 1867. Quincy, Ill.

CONKEY'S
Guaranteed
ROUP
CURE
50 Cents.
LIVINGSTON CO.,
713 Grand Ave.
Des Moines, Iowa.

Hatch Chickens by Steam with the
EXCELSIOR INCUBATOR
Or WOODEN HEN
Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatcher made. GEO. H. STAHL, Quincy, Ill.

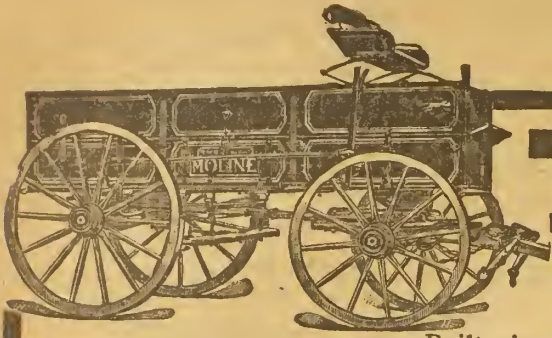
THE FAMOUS
OLD TRUSTY
40, 60 or 90 days to prove claims for my famous incubator. Two years guarantee. Send for catalog and get acquainted. Book free, advice too.
M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

DOGS.
THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATS! MY Scottish terriers will make them git. Very fine pups from recorded parents for sale. S. W. Hurt, Riverside, Iowa.

FOR SALE—Fine registered Scotch Collie puppies, bred from trained parents; natural heelers; males \$6, females, \$5; guaranteed A. H. Gerot, Riverside, Ia.

uniformly excellent quality of all shoes turned out by the Mayer factory is largely attributed to this fact.



This is The Moline THE IRONCLAD WAGON!

Built since 1854 in the largest exclusive Farm Wagon factory in the world, by machinery that does the work with such wonderful precision that each part fits the other with unfailing exactness. This enables us to produce the

Lightest Running Wagon Under Heavy Loads

The Moline has for its foundation the best woodstock that grows—all Hardwood. Selected Hickory for axles, doubletrees and singletrees, and white oak for the rest of the gearing and wheels. Yellow pine boards that are tongued and grooved for

the bottom of box; and we put in the sides the best lumber material obtainable. Now on top of all this we have reinforced every conceivable place on the wagon which is liable to wear with iron and steel protections, not of flimsy size, but with heavy plates.

which are so in evidence on the wagon throughout that The Moline has been called The Ironclad Wagon.

THE WONDERFUL BOOK

Pole—Reach—Hind Gear—Front Gear—Box inside and outside, all have special ironing everywhere. Our master mechanic has written a book, "How the Moline Wagon is Made Ironclad." It is FREE. Whether you want to buy or not, get the book! You will learn a whole lot more about wagons than you ever knew before. Write for it today. Address

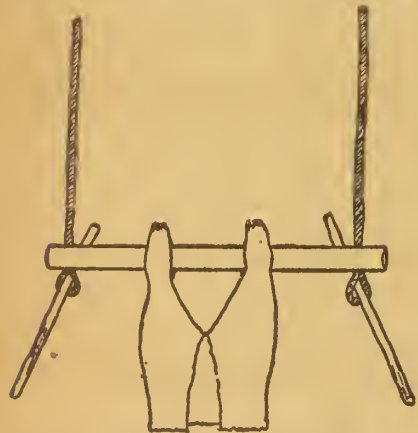
MOLINE WAGON COMPANY,
MOLINE, ILL.

BRANCHES—Deere & Webber Co., Minneapolis; John Deere Plow Co., Kansas City, St. Louis, Omaha, Dallas, New Orleans and Portland, Indianapolis and Baltimore.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

A wire screen corn popper that should answer the purpose of such a utensil very well is made with a yard of unpainted wire screening. Double the piece over and sew up the sides and part of one end with wire. Leave an opening to insert and empty the corn. The large surface presented to the stove makes quick work of popping.

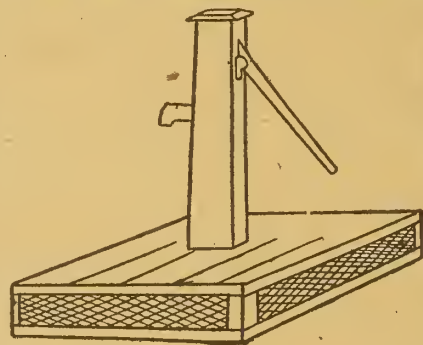
Of the many devices that should be acceptable to a farmer are those which eliminate heavy lifting. Perhaps one of the most dreaded jobs is the killing of a beef. The carcass is most difficult to handle unless some kind of a derrier is provided. But much simpler is the following idea and it has been in use for generations: A pole three or four inches in diameter is thrust through the hook.



Two ropes are hung from above, as shown and should reach the ground on each side of the hind quarter. Into each loop is inserted a twisting stick and with a man to each, the process of elevating the beef is begun by winding up the ropes on the pole. When the desired height is attained the ends of the winding levers are tied to the rope from above.

Those who remember how pure the water used to taste when it was drawn up from the old open stone walled well will welcome any plan of improving our present wells. The sweet satisfying taste which it possessed is not now very characteristic of much of the farm well water. The fact is that people, as a rule, are very careless nowadays about the source of drinking water. Wooden curbing, absolutely no ventilation in many cases and poor soils for the purification of water have brought about the change. A farmer who believes that plenty of pure air in the well will aid

much in the purity of the water gave us the following plan: The frame for the support of the platform is made of 2x4's, allowing a space of four to six inches between the top and bottom parts of the sides. This space is covered on



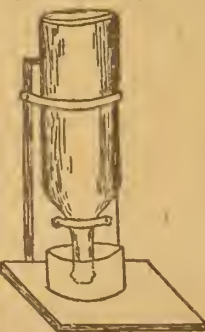
the inside with two screens. The first is a large mesh to keep out large vermin. Over this is a fly screen to keep out dirt, insects, etc. The well never becomes foul. In winter the platform is covered with straw and snow.

It is quite an art to cut up a beef so that the pieces will present the best appearance and be of the proper size for roasting. Still it is not a difficult job when one knows how. One of our good subscribers sends us a method which has been found to be simple and practical.



The dotted lines in the sketch indicate the place to cut. After the beef is halved make the following cuts in order as given: From A to B leaving one rib on hind quarter. Take out kidney and suet and remove flank meat by cut C D. Follow by E C, then C F which cuts off the leg. If the round is to be divided cut H G. Now on the forequarter cut D N, cut off neck by N L. The other cuts which follow will leave the ribs in nice pieces for roasting after being cut crosswise in three places so that the roast may be rolled.

Not long ago we saw a device for watering poultry which is certainly very simple and practical. Take an ordinary beer bottle and attach it to an upright board by means of leather bands,



as shown in the drawing. Fill the bottle with water and stand it bottom end upwards, placing the mouth of the bottle about one-half inch from the bottom of a pint tin or a half tomato can. The water fills the tin till it is within an inch of the top. It never overflows but as fast as the chicks drink out the water it refills from the bottle. By making a stand out of two boards, as shown in the drawing, the bottle can



LITTLE STAR Grain and Seed Cleaner

A money-maker for the farm. Increases yield of every acre 5 to 15 bushels. Pays for itself every year with every 20 acres tilled. Has 7 complete riddles, 4 double wire screens, 11 in all, and does the grain and seed work for a 160 acre farm perfectly. Has double the screen surface of any machine of its kind. Separates, cleans and grades all kinds of seed, performs all three processes at once and will perfectly clean, separate and grade any four similar seeds at the same time no matter what proportion the mixture. The cheapest, most efficient grader made. Our "Corn Grader" screens No. 8 and 9 provide an absolutely even "drop" from the "Corn Planter," edge drop or otherwise. You are sure of the exact number of grains in a hill. Removes all weeds and noxious seeds including thistles. No shifting riddles nor change of adjustment. Does work of three machines, sells for the price of one. Price complete, freight paid, \$19.98. Order today. Every machine guaranteed.

Hall Grain Grader Co., 224 Locust St., Winfield, Ia.

be filled by turning the stand with the bottom side upwards, which places the bottle with the mouth upward. Then place the tin over the mouth of the bottle and invert the stand. In this way the bottle can be filled without spilling any water around where the stand sets.

Delmar McCann's Sale.

The first annual Short-horn sale of Mr. Delmar McCann was held at his farm near Kennard, Neb., on November 27th, and the forty-two head sold at an average of \$100. Imp. Flora, a seven-year-old cow, topped the sale at \$220 and went to Mr. Alec Calder, of Fremont, Neb. Mr. Calder also secured some of the other good bargains in the sale. Caroline of Ploverdale 2d, a daughter of Baron Lavender, and out of an Imp. True Briton dam, sold for \$200 and was purchased by Messrs. H. H. Hess & Son, of Surprise, Neb. The yearling Scotch bull, Brawith Lad, topped the bull offering at \$185. Below we list those selling for \$100 and over. Colonel Bellows cried the sale and was well received by the people who came out to hear him, it being his first sale at this point.

COWS.

Imp. Flora, seven years, Alec Calder, Fremont, Neb.	\$220.00
Lady Barra 2d, three years, same.	200.00
Blossom, two years, same.	115.00
Roan Lady, two years, Carey Cameron, Herman, Neb.	130.00
Queenstown Maud, seven years, Alec Calder	160.00
Caroline of Ploverdale 2d, two years, H. H. Hess & Son, Surprise, Neb.	200.00
Chrysanthemum, nine years, Chas. Grau, Bennington, Neb.	100.00
Maud H., six years, same.	100.00
Marguerite Marie, three years, Fred Herriman, Arlington, Neb.	100.00
Red Gloster Mistress, 2d, eight years, Wm. McCann, Arlington, Neb.	127.50
Mabel Gloster, three years, Wm. McCann, Kennard, Neb.	130.00
Opal, three years, W. J. McCann.	102.50
Merritt's Belina, four years, Anton Tunberg, Hooper, Neb.	112.00
Red Rose, six years, E. Z. Russell, Blair, Neb.	100.00
Josephine Lilly, three years, Alec Calder	110.00
Waterloo Queen, ten years, Fred Jenkins, Blair, Neb.	110.00
Agatha 3d, five years, B. H. Youngblood, Arlington, Neb.	107.50

BULLS.

Brawith Lad 266794, one year, W. J. McCann	185.00
Cheruh 2d 263473, one year, Anton Tunberg	100.00

The Chas. Neff Sale.

One of the best crowds of the fall season, both of breeders and farmers, was in attendance at the sale of Mr. Chas. Neff, of Walnut, Iowa, on November 26th. The cattle were presented in nice condition and an average of \$100 was made on the entire offering. The herd bull, Captain Lovely, a five-year-old son of Imp. Scotchman, sold for \$225 to Mr. H. S. Giltner, of Griswold, Iowa, and was one of the bargains of the sale. Mr. Neff showed as good a bunch of heifers sired by this bull as has gone through a sale ring in a long time. Rosamond of Ashburn, the seven-year-old Scotch cow, brought \$200, and was purchased by Mr. Perry Woods, of Marne, Iowa, and her daughter, Rosamond Lovely, sold for \$155 and went to Mr. H. M. Baker, of Atlantic, Iowa. Esther Cumberland, the six-year-old daughter of Cumberland, went to Mr. G. H. Oshorn, of Council

I Am Perfectly Cured

This is the testimony of thousands who have consulted us. If you are weak or "diseased" due to habits, excesses or over work and are discouraged and despondent, don't give up, but instead consult us and be cured. Twenty years of successful practice in Des Moines guarantees you honest, skillful and up-to-date service. Our cures are quick, safe and permanent. What we have done for others we can do for you.



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ALL MEN'S
DISEASES**



Our reputation and name is too favorably known to make promises we cannot fulfill. We effect life long cures in NERVOUS DEBILITY or LOST VITALITY, whether due to habits, excesses or overwork. VITAL WEAKNESS, VARICOSE or ENLARGED VEINS, RUPTURE, BLOOD POISON, SKIN DISEASES, PROSTATE, STRICTURE, URETHRAL, KIDNEY and BLADDER diseases cured to stay cured. COME AND SEE US AND RECEIVE OUR LEGAL GUARANTEE TO CURE OR NO PAY. Reference, any bank or newspaper in Des Moines. Examination free. Write for free book if you cannot call.

Drs. Fellows & Fellows Co.
323 W. Walnut St. Des Moines, Ia.

Bluffs, Iowa, at \$150, and she was a bargain at that price. She was the best individual in the sale, but showed a little nervousness when brought into the ring, and therefore did not bring what she was worth. Col. Geo. P. Bellows presided on the box and handled the sale with credit to himself and the seller. Below is a list of those selling for \$100 and over:

COWS.

Rosamond of Ashburn, seven years, Perry Woods, Marne, Iowa.	\$200.00
Tidy Girl 2d, twelve years, Henry Mutunn, Walnut, Iowa.	100.00
Rubicon Lovely, two years, C. W. McDermott, Anita, Iowa.	125.00
Star of the East, five years, G. H. Oshorn, Council Bluffs, Iowa.	100.00
Esther Cumberland, six years, G. H. Oshorn	150.00
Esther Lovely, Aug. Sonnenland, Harlan, Iowa	160.00
Rosamond Lovely, one year, H. M. Baker, Atlantic, Iowa.	155.00
Star of the East 2d, one year, Geo. H. Miller, Harlan, Iowa.	157.50

BULLS.	
Captain Lovely 135514, five years, H. S. Giltner, Griswold, Iowa.	225.00
Chief, one year, Sam Dean, Anita, Iowa	100.00
Royal Rosamond 262140, C. M. Pruden, Wayne, Neb.	155.00

HOMESSEKERS' RATES.

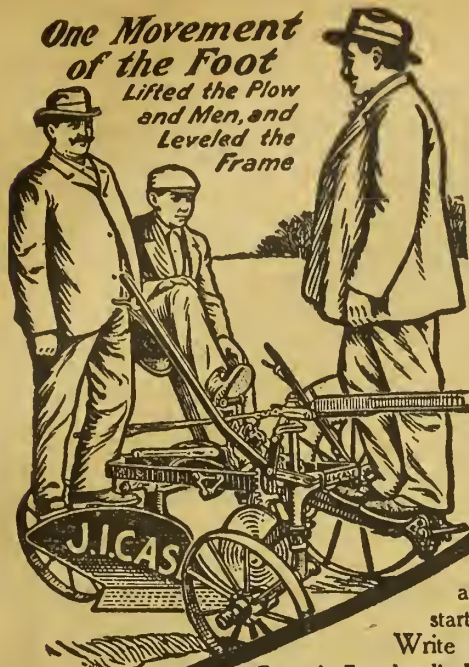
Every Tuesday, via the C. & N.-W. R'y, until December, 1906, to authorized homeseekers points in Wisconsin, northern Michigan, Minnesota, South Dakota east of the Missouri river, North Dakota, Alberta, Manitoba, western Ontario and Saskatchewan. Full information at C. & N.-W. passenger station or 401 Walnut St.

SEND US THREE NAMES and addresses of farmers who may move west, and we will send you book of Oregon views FREE.

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**One Movement
of the Foot**
Lifted the Plow
and Men, and
Leveled the
Frame

A Marvelous Plow

The J. I. Case Self-Leveling High Foot-lift, Sulky Plow, is a marvel in more ways than one. For instance, the operator with greatest ease can put the plow six inches under ground or lift it six inches above ground, and with the same operation level the frame. Two results with one operation. To do this with other foot-lift or hand-lift sulky plows it is necessary to handle an extra lever placed there especially for that purpose. This single lever feature is original with J. I. Case Plows and is a great labor saver. But the best feature ever placed on any sulky plow, is the adjustment in the J. I. Case Self-Leveling High Foot-lift Sulky for raising and lowering the heel. It is one of the reasons why J. I.

C. plows are so light draft, because it enables the operator to set the plow so all friction is removed from the underside of the landside and the share except right at the point. And it enables him to set the plow so it will enter and plow hard ground where sulky plows without this adjustment cannot be made to plow. Don't be fooled by dealers who do not handle J. I. Case Plows, claiming that "my plow is set right at the factory." It may be, but in a very short time the suction is worn out of the share. This is when you will need the J. I. Case heel adjustment. Other important advantages are: The bottom enters the ground point down, heel up and starts plowing at once. It comes out point up, heel down.

Write for free catalogue which fully describes this marvelous plow.

Farmer's Encyclopedia FREE 146 pages bound in cloth. Simply tell us what implements you will need the coming season, enclose ten cents for packing and postage, with the name and address of your dealer. Address.

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Dept. N 22, Racine, Wis.

J. I. Case SELF-LEVELING HIGH FOOT-LIFT Sulky Plow

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Rhubarb.

To the Editor of The Homestead:

Late fall is the best time to plant rhubarb. It is very easily transplanted and one old clump will generally make about six new ones. Dig up the old clump and with a sharp knife or spade divide it according to its size and the number of strong perfect eyes. These eyes are easily recognized. One strong eye to the hill is enough, though if you have plenty of old roots, a larger clump will produce more and stronger stalks the next spring. Set them in holes as large as you have the time and energy to dig, and fill with half earth and half well-rotted manure. Place the roots about three inches below the surface, after the dirt has been tramped down solidly, and then mulch them with a big forkful of manure. This will protect them through the winter and bring them up early in the spring.

Rhubarb should be more extensively raised. Its culture is very simple and it always yields abundantly when given a good rich soil. A half-dozen hills will provide a family supply. But it should be reset every three or four years to keep it vigorous and healthy.

Rhubarb is quite a profitable crop where there is a market for it. Scarcely anything will yield a larger profit according to the space occupied. I have five rows 100 yards long that occupy about one-ninth of an acre. For the last two seasons these rows have yielded about \$45 worth of stalks besides the family supply, and had there been a demand for it at least three times this amount of stalks could have been pulled. Yet what was sold yielded at the

rate of \$400 per acre. One or two cultivations in the spring are all that are given, as the rows meet before fully grown. Later on, any large weeds that may happen to spring up are cut off with the hand-sickle. L. R. Johnson, Missouri.

Cold Storage--A Cure for Exorbitant Apple Prices.

To the Editor of The Homestead:

The writer is in receipt of a letter from Corning, Iowa, from which the following is quoted:

There were lots of apples here this fall. One man bought a carload of Jonathans in bulk for twenty-five cents per bushel. Before the end of the season the price got up to fifty cents per bushel.

That looks cheap to us who have paid twenty to thirty-five cents a peck for Jonathans, or gone without. The difference is represented largely by railroad and wholesalers' profits.

It has been demonstrated that some of our best fall apples—notably the Wealthy—keep well in cold storage. The Wealthy is a very hardy tree. It bears well and the fruit is of excellent quality. The cost of storage, on the other hand, is not great. It seems to us that the solution of apple prices is in the formation of local cold storage companies and the planting of more extensive orchards of Wealthies and other good fall varieties. Increased production, facilities for storage and fair short-haul freight rates would mean freedom from the extortions of the commission men. Franklin Brown.

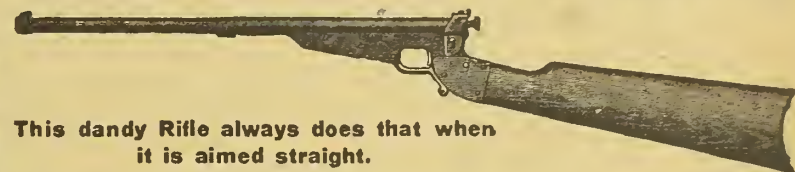
We read reports of apples—fancy Jonathans and other good varieties—being sold at \$1.50 to \$2 per barrel in Missouri orchards, and slow sale for them at those prices. The same article cannot be had in Des Moines and other northern cities for less than \$4.25 per barrel. Most of apples to be found in bulk at our groceries and fruit stands are such as have been refused by the packers or brought up for immediate shipment at ten to twenty cents per bushel—though in northern towns they sell at thirty-five or forty cents per peck. It looks like there is something wrong somewhere. Perhaps the Interstate Commerce Commission will be able to look into the matter and see that the Iowa consumer has a fair buying price, or that the Missouri grower has a fair selling price.

The season for meetings of horticultural societies is drawing near. Every one interested in horticulture should plan to attend as many of these meetings as possible. A great many good ideas may be gathered, and one may profit much, by exchanging experiences and listening to the able discussions.

It is interesting to notice that the wood on fruit trees generally is well-ripened. This means very little winter killing if we have an ordinarily hard winter, and consequently increases the prospect for a good crop of fruit next year.

Fruit-tree agents will be frequent callers at country homes the next few weeks. In buying trees it always pays to pat-

BOYS---IT HITS THE MARK!



This dandy Rifle always does that when it is aimed straight.

Unless you want to hit the mark don't get one. But you do—don't you? Everybody means to hit the mark some time. Then write us at once and you'll crack the bull's eye. For you can get that rifle, boys, without a cent of money. Just a few minutes' work among your friends, or your friends' friends—and the rifle is yours, sure thing. It's the handiest and the handsomest little gun on the market. We're giving it to you straight. And it can be earned just as easy as rolling off a log. Write us about it—just a line. Give us your full name and address and say you want to earn a rifle. That will do. We'll pull the trigger, and back will come a letter to you with full particulars, and it is ten to one you will have earned the rifle the same day you get that letter. It's up to you now. Get out your goose quill and address,

THE HOMESTEAD,
BOYS' DEPARTMENT,

DES MOINES,

IOWA,

ronize home industries, or if one goes outside, buy only of firms of high reputation for just dealing.

A good protection against damage to trees by mice is to throw a mound of earth four to six inches high around each tree. The mice prefer to make their runs where there is some vegetation.

In selecting varieties of fruit trees, it pays to determine which varieties have done best in your neighborhood and stick rather closely to them. Life is too short for one to do much experimenting with trees.

Now is the time to cover those grape vines if you want to be sure they will live through the winter and bear fruit next summer.

The farmer who does not have some of the products of his garden on his table every day is evidently not equal to the task of providing for his family. Half the enjoyment of living on the farm is lost if the grocery store has to be depended upon for the greater part of the contents of the larder.

A Profitable Side Line.

To the Editor of The Homestead:

I know a farmer living down near St. Louis, Mo., who is making considerable money every year selling dressed beef, veal, pork, and also sausage and lard. He has five or six steers to butcher every fall, two dozen or more hogs, a half-dozen calves, besides a lot of dressed poultry. Last year, he tells me, he sold \$2,250 worth of dressed meat from eighty acres of land. He raised every particle of feed fed the animals and was not out a cent for feed except a small amount for oil meal and cottonseed meal and one or two other concentrates. He figures that \$100 will cover the expense, the balance being profit, since he raises his own poultry, hogs and cattle.

He sells halves and quarters, principal-

Drink Habit Easily Cured

Wives and Mothers

If you have a loved one whom you wish to cure of Drinking, I will gladly tell you free of all cost just what I used to cure my husband, who drank for over 20 years. Write me in confidence.

Mrs. Margaret Anderson
2196 Maple Ave., Hillburn, N. Y.

WANTED--A BRIGHT MAN with high team, as salesman in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Tea Co., Box X, Winona, Minnesota.

SALESMEN WANTED to introduce Burbank's wonderful stoneless plum, miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

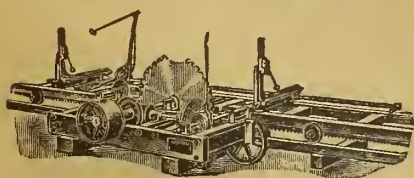
ly to the well-to-do laboring men, who work in the shops and factories and who want "home-cured" meat and "home-rendered" lard. He gets seventeen to twenty-two cents per pound for home-cured hams, fifteen to eighteen cents for home-cured shoulders, eleven to fourteen cents for home-cured bacon, fifteen cents for home-rendered lard; and for the beef he gets from four to nineteen cents, according to the cut. These prices make a hog bring from \$20 to \$35 each, a calf from \$18 to \$25, and a steer or cow from \$50 to \$80.

He gave me his recipe for making sausage and I repeat it below:

"Use only fresh pork, as soon as it is cold. Then separate the fat from the lean. When ready to grind, mix the fat and lean at the rate of one pound of fat to three of lean. Grind well. In seasoning, I use for every eight pounds of sausage, the following: Two ounces of fine table salt, one ounce of ground black pepper, one ounce of good sage, one tablespoonful of good cayenne pepper. The seasoned sausage I then put down in a stone jar and pour boiling lard over the top, and leave in the jar till ready to take to market. I have had it keep fresh for three months in this way."

Subscriber.

American Saw Mill Machinery.



**Traction and Stationery
Engines, Air Cooled
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The Iowa Gate FOR THE FARM



Hog Tight-Sheep Tight-Chicken Tight

IOWA gates can be hung close to the ground but will never drag because the outer end is adjustable. Hog tight mesh and stretchers on every wire. Gate fastened at both the top and bottom, plain strong hinges, no wearing parts.

The Rolled Steel Tubing used in the frame instead of gas pipe makes them proof against any stock.

"A chain is only as strong as its weakest link." Why not use IOWA gates to match your good fences. You will find them strong but easy to handle—convenient in winter and summer—will swing up hill or down hill as you wish.

Cheaper Than Wood. Write now for our low prices and a dozen reasons why every farm should have them.

IOWA GATE CO. Ninth Street
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STRENGTH DURABILITY ECONOMY

These are the characteristics of Page Fence. Strong because made of high carbon double strength Page Wire. Durable because it will spring and not break. Economical because it requires fewer posts, no repairs and lasts.

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COILED SPRING FENCE

Closely Woven. Can not sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed.

30 DAYS FREE TRIAL
and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free.

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No. 9 Steel Wire. Weighs 1/2 more than most fences. A fence that will not rust.

15c to 35c Per Rod

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is best adapted for the farm because no expensive repairs are required to erect it and the cost of repairs is eliminated. Send for free fence book 12.

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and all expenses to men with right to introduce our Guaranteed Poultry and Stock Remedies. Send for contract; we mean business and furnish best references. G. B. BIGLER CO., 1828, Springfield, Ill.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

By this time the Home will be growing decidedly interested in the fortunes of the young couple whose case we have been considering the last two weeks. It will be remembered that they are twenty-eight and twenty-five years of age respectively, that for some reason they are deferring marriage, that the young man seems to feel that he is not being given as much of his fiancée's exclusive society as their relation justifies, and that he is wondering if her pleasure in the company of old friends and admirers indicates that they are not sufficiently congenial, sufficiently in love to justify marriage.

The ideal condition is where an engaged couple have such absolute confidence in each other that mistrust is unthinkable. But conditions are rarely ideal, human nature is not ideal, and engagements are entered upon without that mutual knowledge and confidence which are necessary to harmonious relations. As a result there are often misunderstandings and heartburnings, sometimes even a parting of the ways. All this means unhappiness but it is much better that the misery should be before marriage than after it.

From the context we are led to think that in the case under consideration it is not his love for his promised wife, but hers for him which the young man questions. Before we look at that phase of the question it might be well to suggest that the love which doubts love has in it an element of mistrust which is fatal to marital happiness. Of all the causes which work misery in homes there is probably none more fruitful than a jealous, exacting temper, whether that temper be the man's or the woman's.

How shall we tell whether or no this man's doubts of his fiancée are justifiable or no? It is a difficult question. If he had told us why the marriage is being postponed, whether it is the woman's wish or his, it might be easier, perhaps. If a man seem less keen about naming the happy day than a woman thinks he should be she is naturally a little piqued, although she may be unconscious of it. She is likely as a consequence to keep him somewhat at a distance, likely to use her womanly powers to make him feel that she is not anxious to have his exclusive society, and she can get along quite nicely with periodical visits and occasional tete-a-tetes. And if there is a particle of coquetry in her make up—and the charming woman is rarely without it—she will have a mischievous delight in letting her lover see that he is not the only man who admires her, not even the only man whose company she enjoys.

Among the four things which Solomon admitted to be "too wonderful" for him is the "way of a man with a maid." If Solomon lived in our day he would surely turn the phrase about for there is nothing in the world, in America at least, more puzzling than the way of a maid with a man.

If a modern American girl is distant, cold or reserved with her accepted lover there may be any one of a dozen reasons for it. To consider a few, first of all, she may love her sweetheart dearly but think it unmanly to let him know how much she cares for him—it has been instilled into women for countless generations that they should be the sought not the seeker, and that even after they are engaged to be married they should be careful not to seem to "run after the man." Second, her heart may not be really awake; she may be only beginning to love; she may be of the type which waits for love before loving. Third, while loving she may not love with the grateful, almost adoring passion of the woman of other days who had almost no object in life but loving. If a woman be self-supporting her independence makes a lover more or less of a luxury, and even if she be not self-supporting the modern girl has such a full life that a husband is not an absolute necessity. Fourth, she may think it good for her lover's health to "keep him guessing." There is an idea abroad that when a man gains the object of his desire that he, to a certain extent, loses interest in it; that pursuit and not possession is his joy. Accepting this theory

THE MOST IMPORTANT FACTOR IN MAKING FARMING PROFITABLE

Is your fanning mill. Don't it pay you then to get the best money can buy? What does the difference of a five or ten dollar bill make where hundreds and possibly thousands are at stake? Your whole profit of your farm lays in the way you treat your seed and grain.

Every weed and every particle of dirt that is left in your seed grain when you sow, is a setback to your crop, and a deducter from



your price, when the time comes to sell. There is a machine on the market now, that will take every weed, every particle of foreign stuff out of your seed grain.

We can guarantee it, because we have tried it on the worst possible mixture of dirty grain that a farmer can get. You would have been surprised to see how perfect and fast it cleaned. This machine is

THE NEW SUPERIOR FANNING MILL

It has never been on the market before. It is a modern machine designed to separate, clean and grade modern seed and grain. For perfect work, capacity, and wide range of usefulness, no other grain cleaner or fanning mill can approach it. The "New Superior" is the product of twenty years of experience, thorough knowledge of grain, inventive genius and skilled workmanship. Its separating devices are unique and simple, and will perfectly separate, clean and grade any seed and grain, that is raised.

WILL YOU LET US PROVE IT, WITHOUT COST TO YOU?

Then write us and we will tell you how you can try this new, wonderful fanning mill in your own granary without the slightest cost or risk on your part. We will also give you full particulars and prices. Write today.

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DO YOU RAISE CORN? THE OWENS CORN GRADER will make it more profitable. Write for particulars and prices

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HUNTERS' & TRAPPERS' GUIDE A \$5.00 BOOK

Best thing on the subject ever written. Illustrating all Fur Animals. 300 Pages, cloth bound. All about trapping, kinds of Traps, Decoys, Trappers' Secrets. Price \$1.50. To Hide and Fur Shippers \$1.00.

ANDERSCH BROS., Dept. 19 Minneapolis, Minn.

WE WANT NAMES.

WE want YOU to send us the names and addresses of from ten to twenty-five farmers living in the United States, having a few head of stock (cows, horses, pigs). You can send us the names from any number of different post-offices. If you will send us these names we will send you TWO BEAUTIFUL COLORED PICTURES FREE. These pictures are reproductions of the most celebrated paintings in the world, and they are of high quality, and we know that you will be pleased and delighted with them; no pictures will be given for a list of less than ten farmers. We want to send a sample copy of the RURAL HOME to a lot of farmers who are not now taking our paper, and for that reason we want these names. Send us immediately a list of at least ten farmers and we will send you, postpaid, ABSOLUTELY FREE, TWO REPRODUCTIONS OF THE WORLD'S FAMOUS PICTURES, in beautiful colors, size 16x20 inches. Address THE RURAL HOME, 22 North William St., New York, N. Y.

a girl sometimes deliberately plays her lover as a fisherman does a fish. This type of girl is something of a flirt. She is the popular girl with men. She frequently has several "strings to her bow" and she has no anxiety if the one she most favors occasionally grows restive.

We might go into this subject more deeply, but probably somewhere among the cases considered, or among those suggested by them, our inquiring lover and others who are disturbed in mind may find a clue for the solution of their particular problem.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

If I Him but have,
If He be but mine,
If my heart, hence to the grave,
Ne'er forgets His love divine—
Know I naught of sadness,
Know I naught but worship, love
and gladness.

Where I have but Him
Is my Fatherland,
And all gifts and graces come
Heritage into my hand—
Brothers long deplored
I in His disciples find restored.
—Friederich von Hardenberg.

WHAT SHALL WE GIVE?

The editor issued a call a few months ago, asking readers to name the three Christmas gifts of 1903 which had proved themselves the most acceptable during a half year's use. To give the entire list is out of the question, it is so long, but the following are representative of the favorite gifts mentioned. They are classified as "household" and "personal" gifts, the former including articles for use and decoration in the house, the latter including all other presents: Household gifts—Sewing machine, hand-painted china, tablespoons (silver), antique bureau, hall lamp, cut glass dish, hemstitched table linen, carpet sweeper, chafing dish spoon, sofa pillows, breakfast plates, writing desk, embroidered centerpiece, set of flatirons, picture, library table, gas drop light, food chopper, mattress, repapering of a room, calendar with quotations, box of jellies. Personal gifts—Silk waist, knitted shawl, bathrobe, prayer book markers, covered and perfumed coat hanger, embroidered handkerchiefs, knitted sweater, embroidered linen waist, brush and comb, sewing apron, waterproof apron for washing dishes, etc., fountain pen, darning bag and supplies, traveling box covered with cretonne and fitted with straps of silk elastic to hold small article, slumber robe, stickpin, book.—Good Housekeeping of 1904.

A CHRISTMAS SCRAPBOOK.

A form of practical charity which is as delightful to the giver as to the recipient has been tried for several years by the writer, and has been voted a great success. It is the making of a Christmas scrapbook for the children's ward of a city hospital, for an orphan asylum, or for some small "shut-in" in one's own acquaintance. Procure a stout blank book, with unruled thin paper, of a shape and weight easily

held by weak little hands. A grocer's order book, costing about twenty-five cents, or a school exercise book with a firm binding, is best. Cover it with kitchen toweling in the natural linen shade, or with dull green or red denim, and paste as well as sew the edges together on the inside, for the book is sure to get rough treatment. In the meantime, save every picture, verse, short story or anecdote you can find pertaining to Christmas.

The type should be as large as possible and a good share of the pictures colored, else the pages will not look attractive. Arrange them with plenty of space about them, and, if you are anything of an artist, draw, sketch or paint head and tail pieces, or borders, of "Santas" and well-filled stockings. Needless to say, it is best to begin collecting scraps the Christmas before. Paste on both sides of the pages, and when finished, decorate the covers with the prettiest and brightest of your colored pictures. Iron the pages as you work so that they will dry smoothly.—J. S. F.

SEASONABLE RECIPES.

Tarts—Line patty pans with a rich puff paste, and fill with very thinly sliced pears, which have been stewed in a rich sugar sirup. Bake in a quick oven and when done dot the tops with cherry or currant jelly. Can the sirup the pears were stewed in for pudding sauce or to serve with hot cakes. It is delicious for either purpose.

Plain Plum Pudding—One cup suet chopped fine, one cup molasses, one cup sweet milk, three and one-half cups flour, one and one-half cups raisins, one cup currants, one teaspoonful soda. Steam two hours in a dish or bag.

English Plum Pudding—Make a batter of four eggs, one pound flour, one pint milk and an even teaspoonful of salt; add one-half pint of suet chopped fine, one pound raisins and one pound currants. Stir all well together, tie closely in a cotton cloth, put in a kettle of boiling water and boil steadily four hours. Serve hot with lemon sauce, or any kind of pudding sauce that is preferred.

Banbury Tarts.—Chop very fine one lemon, one cupful of seeded raisins and a few English walnut meats. Mix with one well-beaten egg. Cut rich paste in pieces the size of a saucer; lay one tablespoonful of the mixture on each piece, fold together, turning the edges so it will have a crinkled look. Bake in a moderate oven.

Whigs—Mix one-half pound sugar with six ounces of butter, a couple of beaten eggs, and a teaspoonful of cinnamon. Stir in two pounds of flour, a teaspoonful of yeast and sufficient milk for a stiff batter. When light, bake in small cups.

Macaroons—Two cups of sugar, one granulated and one pulverized; whites of four eggs beaten together; two cups of nut meats rolled fine and vanilla for flavor. Drop spoonfuls of this mixture on buttered tins and bake in a slow oven, scarcely hot, until they are hard on top.

AMONG OURSELVES.

For the next few weeks the hum of preparation for Christmas will be heard in the Home, but we must not allow Christmas to crowd out everything else. Our program will be opened by "An Ill-

nois Friend," who is in sympathy with the woman with a past:

Although I am a silent member of this department I am moved to speak in behalf of our young fallen girls and I was especially interested in what A Dakota Farmer's Wife had to say. I was made to think how little we realize the influence we have on those that are in reach of us, and that it may be for good or evil. I esteem that Dakota lady very highly for the much good she did for one who was almost beyond help. Who of us wouldn't have become discouraged as this young wife with just a gambling husband, without speaking of what was behind—her past life. Perhaps she was deprived of many things, but had thought these deprivations need not interfere with her trying to live a noble life, and leading her husband to better things. And, then, as she had these aims about accomplished, some cruel one stirred up the past. Once mentioned, such a story goes like wild-fire, and how ready we are to believe false reports and to repeat things, not knowing whether they are true or not. I say, then, dear sisters, let us awake and realize the importance of being the right kind of a leader, as this noble woman was and let our influence go out to help the trodden underfoot.

Oddly enough, an Illinois man, "A Bachelor," entered the Home almost on the heels of the friend whose good words we have had. If his ideas governed society there would be very little necessity for speaking of the matter which prompts them both to speech—but hear what he has to say:

My observation is that the chief reason of the downfall of most girls is entering society too young. Why too young? Because then they are so easily influenced to do wrong. I am a young bachelor, trying hard to pay for a farm for which I went in debt and I have often been asked why I did not get married. My answer is, because the right one has not come along. I believe in waiting until one knows one's own mind. So many girls begin keeping company at the ages of fourteen or fifteen and in two or three years are married. Most of them go to their new homes unprepared as housekeepers, and soon repent it. I am twenty-five and even now wonder if I am old enough to become the head of a household. I know of so many unhappy marriages and ruined lives that I shudder when I see young girls keeping company. My advice to the girls is to be careful. Don't allow young men to take liberties with you. They will respect you the more for it. I make it a rule never to go with a girl who will allow me to give her a good night kiss.

It is well to have these words from a young man. They carry more weight than if uttered by a woman. I would specially commend the closing remarks of our bachelor friend to the girls of the Home; not only do they tally with the teaching of my beloved mother, but years have taught me that she knew men, knew human nature, and that she spoke wisely when she advised her daughters to bear themselves with maidenly reserve and to save their lips for their husbands.

And now about Christmas; first we shall have some "Suggestions," from "A Child-lover."

An idea to be of far-reaching benefit must

be one to appeal to the largest number. So as Uncle Sam's "younger sons" and their families comprise by far the larger part of our population it is for them we write. Mothers, teach your children that the heart of Christmas is to give, not to get. Help them to give someone else a happy Christmas and you have not only given them a beautiful memory, but you have been permitted to help in that most important work on earth, character building. As an ounce of experience is said to be worth a pound of theory, I will tell you of one of our efforts in this direction. We thought of several little ones who we felt sure would be unremembered on that day and planned accordingly. As money was almost a minus quantity we exercised our wits thinking up things to do, contrive or evolve. As the little boys had some mechanical skill they were encouraged to use it in making game boards, carving jumping jacks and tumbling dolls, making doll trunks and work boxes, as well as doll houses and furniture. The girls, though small, could help dress dolls; make the tiny quilts and pillows and hang the cute curtains. And what enthusiasm they showed putting down the parlor carpet and selecting the tiny dishes for the dresser, and when Jacky dipped a wooden doll in the ink bottle, lo! the kitchen was complete with Dinah in a red gown by the little stove. As the tree would be of good size, many toys would be needed. So old toys thrown away as worthless were brought out and with a little paint and glue and patience were made good as new. One battered doll was made a thing of beauty and of joy—for a while at least. This is the story of her evolution: A new nose was built up of putty, then painting considered reprehensible in many cases was deemed justifiable in this. When her complexion was attended to I donated some hair I had cut off when people wore bangs, and when this was glued on, braided and tied with ribbon it looked so real it made me creep. But if I ever saw contented bliss it was when that small mother sat herself down to comb and braid her child's hair. This is only one item. Space forbids my telling you all the details, but when the last article was placed in the box, the candy made, the corn popped, the long strings of cranberries strung (even the tiniest could help in that), the tree was brought in and fixed in place by papa amid wild cheers. The day was spent decorating that tree and placing thereon the love offerings of childish hands, and in all the land I do not think the angels saw a fairer, for it was made for those whom Christ said we always have with us.

There is plenty of time for these beautiful "Suggestions" to be carried out to the enriching of many a home. I do hope very many of the friends will see their way to setting their children to work along the line suggested. There is altogether too much thought with children as to what they shall get at Christmas. Only yesterday a four-year-old child lisped: "What are you going to give me for Christmas?" to a neighbor who chanced in.

"Big Heart, Little Purse" is on for the next number. She will be followed by Mrs. F. B.:

Christmas should be the happiest day of the year, and by giving little tokens of remembrance, small though they be, to the ones you love, you are made happy, as well as the ones who receive them. How much we enjoy the little things from relatives and friends. It is so good to be remembered. Husband and I have been trying to save to buy us a home and I was almost tempted to let this Christmas pass without giving a present, for it costs when you come to buy for thirty-five or more and that is the number I would like to remember; but I thought to myself, "How selfish you are growing," and as I do not want to grow selfish I will give them all something. By making most of the gifts it will not cost me much. These are the things I have made: A clothes-pin apron for mother and mother-in-law. It is made of blue denim cut short and round with no fullness; an upper portion cut the same only with a rounded piece about four inches wide and eight long cut out on each side from the waist down and about two inches from the edge for pocket holes. These as well as the apron are bound around with white tape. I made a pair of white cotton flannel mittens to go with each to use in cold weather when hanging out clothes. Of a piece of white taffeta silk which I had I made two fancy collars for sister and sister-in-law. For my brother (fifteen years old) and brother-in-law I made glass necktie cases about a foot long and three inches wide by binding the pieces of glass with ribbon and tacking together. It has two hinges of ribbon and ribbons to tie in a bow in two places to fasten shut, and padded bottom of silk. Cousin Freddie (six months old) will get a rag Santa Claus stuffed, and brother Fred (six years old) a pocketbook, for boys of that age are very proud of a pocketbook when they have pennies to put in it. I have made several pretty handkerchiefs for girl relatives and friends and plain hemstitched ones for the boys.

I happen to be one of those who have but little to buy Christmas gifts with, and the thought came to my mind this week, why not utilize what I have on hand? And I am sorry I did not think of this plan sooner. "To a sister back east who makes a slave of herself doing housework and will not take time to read," I will cut out letters from our Home Department that I think will encourage her and send them to her. Then to a friend who has plants to care for I will send the flower talks and to a friend who reads a great deal I will cut out those book talks. To father and my sister-in-law some of my choice magazines. As nice a letter as I can write will go with some of these and a kodak picture of our family may go to sister and an old schoolmate in far off Montana. To my only brother, 1,500 miles away, who has a sense of humor, I will send a drawing on a card board in three scenes, representing myself catching and killing a flea. For my boys I am making balls from old yarn and will get the shoemaker



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to stitch a cover on. These will be stout and yet not be hard enough to knock a tooth loose. To my daughter some music or a picture for her room and the same would be nice for the boys. These are only a few suggestions, but they may help someone who has little money to spend and yet wants to remember friends in some way.

is learning, in the pleasantest possible way, lessons that will aid her in preparing her own wardrobe later on.

The doll suit pictured in No. 5505 is in

Just one word about Christmas buying. Do make an effort, dear friends, to do your shopping before the last week. I make this suggestion for two reasons; one is you will secure better service and find a better selection if you make your purchases before the middle of the month, and the other and more important reason is that late shopping is a violation of the Christmas spirit, for it makes life a burden to the salespeople who are entirely at our mercy in this matter.

Dressmaking and Millinery—No. 546.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] By the time you are reading this you will have begun to plan a little for Christmas, and will be wanting to select any patterns you may need in making preparations, whether these shall be of garments or of toys, and because there is always some delay in getting patterns that are ordered by mail I am showing our usual doll offering early that you may order the pattern and have it at hand when wanted. Many order these doll garments to be used as one of the gifts for the wee girlie of the family, while others want to use them in making up the garments in which the Christmas doll shall first greet her "Little Mother," and for either purpose they are a boon. The dressed doll brings greatest Christmas joy, but for the pleasure of the days to follow give each girlie her set of patterns, and the material required for such garments as they are designed for, and note the exquisite delight she finds in fashioning them, and meantime she



[5505 Doll's Peter Pan Suit. 18, 22 and 23 Inches in Length.]

Peter Pan style, and is modeled on the same lines as were those worn by "real people" during the season that is past. The suit

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Names of a Few of the Many I Have Cured

Mrs. Anna E. Guffy, Arcadia, Kans., Cancer of Breast.

Mrs. Frances Downey, Silell, La., Cancer of Jaw for 14 years.

Mrs. A. E. Foyt, Rosebud, Texas, Cancer of the Womb after operation failed.

Mrs. D. E. Stone, Harper, S. C., Cancer of Lip after operation failed.

Mrs. J. W. Groschong, Wright City, Mo., Large Cancer in the Forehead.

Mr. N. J. Bell, Newburg, W. Va., R. No. 2, Box 11.

Mr. Peter L. Rice, 1225 14th St., Des Moines, Iowa, Cancer of Stomach.

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I send this large book to sufferers free of charge. Tells how and why my treatment cures. If you cannot come to my office for treatment I can cure you at home. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—do not give up hope but write at once.

DR. O. A. JOHNSON,
1233 Grand Ave.,
Suite 327, KANSAS CITY, MO.

consists of a waist, skirt and hat, the patterns for all coming under one number, and being enclosed in one envelope and sent as



[5502 Blouse or Shirt Waist. 32 to 40 Bust.]

one pattern. Note this. The waist is in the blouse or shirt waist style, having turn-over collar and turn-back cuffs as a finish to

the three-quarter length sleeves. As pictured, the waist is of white, and the skirt of check, but the costume may be of one material throughout, and there are pretty woollens that will make up beautifully in this mode. Then the hat should be of the same material, or at least match it in color. The skirt is in one piece and kilt pleated, the pattern showing the lines on which the pleats are folded. The hat consists of crown and brim, the trimming being of braid and a couple of quills. Any variation may be made to suit the taste or the materials at hand. A fancy tie and belt complete the outfit. Now note that this pattern, No. 5505, is cut in three sizes, these being for dolls of 18, 22 and 26 inches. Say which size is to be sent. For this measure the doll from top of head to heel.

A very neat and stylish shirt waist is pictured in No. 5502, and yet its lines are all very simple. By referring to some of the recent numbers you will find a skirt design that may be used with this model with especially pleasing results, as its lines are so similar in every way, and yet either may be used separately. The back shows long lines of tucks, similar ones being seen at the front, but the latter are stitched to yoke depth only. The fronts consist of two pieces the side fronts being lapped over on the fronts and held by means of small buttons. There are buttons on the deep pointed cuffs. The fullness at the lower edge of the sleeves is arranged in flat stitched pleats. As will be seen by looking at the two designs, the sleeves may be made in either of the two lengths, narrow cuffs being used on the elbow length. Pattern No. 5502 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.

—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson X. Luke XXIII. 33-46, December 9, 1906.

Jesus on the Cross.

The quadruple description of the crucifixion is a literary marvel. Though a circumstance of transcendent importance, the narrative of it is surprisingly condensed. There is no spinning out of details, no obtrusion of the personal opinions and sentiments of the narrators.

Here is a suggestion of how we ourselves should approach Calvary. It is not a theme for volubility. There should be no striving to magnify its painful horrors, or to compare the physical sufferings of its victim with those of others. A spiritual interpretation is the thing desirable. A personal appropriation by faith is great riches.

Religious romancists have paved all the way between the Praetorium and Calvary with miraculous incidents. In strong antithesis to this, the evangelist mentions but two circumstances. At sight of one on whose brow innocence and benignity was stamped led to a shocking death, the daughters of Jerusalem wept aloud in pity. Jesus turned, and, as if with the impending siege in plainest view, bade them not to weep for Him, but for themselves and for their children. In those awful days, barrenness, the disgrace of the Hebrew woman, would be at a premium. For if such a cruel deed as was now being done was possible, the tree of their national

life being yet green, what horrors would characterize the extinction of that life! The fainting strength of Jesus makes the impressing of some one to bear His cross necessary. A foreign Jew, recognized as such by his Libyan garb, is compelled to do so. A changed heart was probably his exceeding great reward. So goes that most pitiful procession earth has ever seen. The centurion, mounted and in the van; a guard in shining armor, and numerous enough to make rescue of the victims impossible; the condemned, with their crimes, recorded in black letters on boards daubed with gypsum, and hung about their necks; in the rear, slaves carrying refreshments for the soldiers, besides nails, hammers, ropes, etc., necessary for the execution; and, back of all, such a motley, unsavory crowd as a public execution would draw in our day.

Following the narrative, we first have the numbering of Jesus with transgressors. He was crucified between the malefactors, the insurgent robbers and murderers. He who could challenge the world to impeach His sinlessness, was "made sin." He was put to the extremity of a convicted felon.

With the first shedding of His blood begins His mediatorial prayer, "Father, forgive them." The "inventiveness of love" finds a palliating circumstance in their ignorance. "They know not what

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The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

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they do." The prayer sweeps out to include, not the coarse executioners alone, but the cunning conspirators who use them as their tools.

It is enough to brand it with infamy, that destroying vice of gambling, that it obtruded itself at the crucifixion. The soldiers threw dice to determine which should have the most valuable garment of the sufferer. They "chanced off" the seamless robe.

"He saved others." Unconscious, undesigned encomium! "Let Him save Himself." Last recurrence of the wilderness temptation! That which is a literal possibility is a moral impossibility. Except He stay on the cross He cannot be a Savior. If He remains not, He cannot utter that ineffable cry, "It is finished!"—"the work the Father gave Me to do." Keener than mortal pangs are the brutal gibes of rulers, populace, and soldiery.

That triple inscription may signify that the story of the cross is destined to go into all languages, as it there appeared in the tongues of conquest, culture, and colloquy.

The sovereign power of redeeming love has a splendid exemplification even in the deepening gloom of Calvary. As the hours wear away, the innocence, the Divinity of his fellow-sufferer dawn upon the mind of the malefactor. It pains him to hear the continued railing of his comrade in crime. He chides him, reminding him of the justness of their condemnation, and affirming the guiltlessness of Jesus. To eye of faith there opens to him a blissful vis-

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ta beyond the chasm of death. He recognizes the sufferer, spite of His marred visage, as monarch of that realm. In the strength of a belief that prompts to action, he joins his fortunes irrevoc-

cably with those of the crucified Nazarene, and entreates recognition when he comes to the regal splendors of His coronation.

What Jesus did then, He has been doing ever since. He opened paradise to a penitent. But His obedience unto death, even the death of the cross, was the key, and the only one, to unlock that paradise.

Nature, as if become sentient on account of the incomparable tragedy now enacting, drapes herself in a veil of impenetrable blackness.

In that darkness, the seventh word from the cross is heard. The Son, having drunk to its dregs the cup the Father had given Him, now, in the very hour and article of death, confidently commends His soul to that Father.

Analysis and Key.

1. Two incidents on the way to crucifixion. (1) Jesus' words to the women. (2) The impressing of Simon of Cyrene.
2. Arrival at Golgotha. The nailing to the cross; anesthetics refused.
3. Cross erected; first word from the cross, "Forgive."
4. Sanhedrists offended at inscription on the cross. Change refused.
5. Ridicule and reviling.
6. Conversion of crucified thief. Second word addressed to him.
7. Gambling at the foot of the cross.
8. Filial piety prompts the "third word," in which Jesus commends His mother to John.
9. "Fourth word," inexplicable cry of the sufferer, "Why am I forsaken."
10. "Fifth word," "I thirst."
11. "Sixth word," "It is finished."
12. "Seventh word," the committal; Soul given to God.

The Teacher's Lantern.

Pilate's ironical inscription has a germ of truth in it. Jesus is king. His dominion is wider than the most ambitious Caesar ever dreamed of.

What was a taunt to the Jews was a tribute to Jesus. Pilate would fain acknowledge Him a kingly spirit, of whom the Jews were not worthy. To this

covered eulogy of the procurator the dying thief added his "Thy kingdom."

The cross is always divisive. It once separated a believer from an unbeliever. It does so yet wherever it is preached. People range themselves in two classes. The cross is the divisor.

A study of Calvary reveals the intensive forcefulness of the expression, "Crucify the Son of God afresh." Indifference, unbelief, and apostasy are doing this daily.

It is inconceivable that the spirit of Jesus, just mingled with common air, was dissipated and lost, as to its identity, when He breathed it forth. He commended it as an inconceivably precious thing to the care of a personal God, the Father of Spirits.

The Lord of Life helped the dying penitent at his side to stand the shock of dissolution by the assurance of a perpetuation of conscious life beyond, and an immediate entrance to paradise.

When Jesus entered paradise it was in company with an executed criminal. This trophy of His redeeming love, this evidence of the power of His cross, He presented to all the intelligences of the sky.

It is a common error that the man who was impressed to bear the cross was a negro. The presence of a Jew from Africa can be easily accounted for. Ptolemaeus Lagi forcibly colonized Cyrene, North Africa, with a great number of Jews, who built for themselves a synagogue in Jerusalem to which they might resort at feast-times.

The thoughts of Jesus, even in His mortal agonies, were upon others, as His three first "words from the cross" indicate, "Father, forgive them;" and to the penitent thief, "This day;" and to His mother, "Woman, behold thy Son."

Gambling is that one horrid vice that could intrude upon even the crucifixion scene. The rattle of the dice-box was heard at the foot of the cross. It is the dehumanizing vice. At Monte Carlo, today, the suicide's revolver often rings at the table. Liveried servants throw a sheet over the corpse and carry it out, and the game goes on!

Crucifixion was abolished by Constantine, out of sacred regard for the cross as the instrument of the Savior's passion. Thus for fifteen centuries the world has been rid of this cruellest mode of capital punishment. And the spread of the humanizing Gospel has reduced to the minimum the pain and indignities of those who must suffer the extreme penalty.

The twenty-second Psalm, written, as Hengstenberg affirms, in the greatest heat of David's conflict with Saul, is also strikingly minute in its portrayal of the last agony of Jesus. The agonized cry, the derision, the pierced hands and feet, the parting of the garments, and many other circumstances, are here. They are directly quoted, or at least alluded to, in the New Testament.

Forestry in the West.

To the Editor of The Homestead:

The early settler in the west would plant trees as soon as the ground could be gotten ready and young trees could be grown or bought. In the seventies Nebraska was regarded as a windy country; we perhaps felt the wind more because no groves would shelter the buildings, the prairie hay was short and light and hard to handle when windy. The four varieties of trees most commonly planted were soft maple, box elder, ash and cottonwood. Cottonwood was the only variety of the four that would grow from clips or cuts and therefore mostly planted. The other varieties had to be grown from seed that we would gather on the little streams that empty into the Missouri river.

When bought at the nurseries the price was generally \$2 per thousand, the same as osage hedge. We would plant them about four feet apart both ways, often marking the ground off with a corn marker, such as we used before the check rower was known. The trees so planted were soon found to be too close, and, fuel being a scarce article, we would cut out every other row, then every other tree in each row and so on, but the hot sun then burning down between the trees proved too much in dry weather and many groves would in this way get in bad shape.

In gathering the seed along the creeks it was easiest gotten in the drifts and in this way many water elm seed found their way into the nurseries; they afterward proved to be most valuable, making trees that would withstand the



Good Natured Tools

It is not necessary to force Keen Kutter Tools. Keen Kutter bits, for example, work quickly and easily in any kind of wood. Lips are long, strong and perfectly tempered, adding years to the life of the tool. Keen Kutter Tools like hard work. The edged tools never lose their temper—handled tools never work loose or fly off—hammered tools keep their faces straight.

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Quality Tools

include tools of all kinds—Saws, Chisels, Bits, Drills, Gimlets, Awls, Planes, Hammers, Hatchets, Axes, Drawing-knives, Pocket-knives, Screw-drivers, Files, Pliers, Glass-cutters, Ice-picks and a full line of Farm and Garden Tools—Forks, Shovels, Rakes, Hoes, Scythes, Manure-hooks, Grass-shears, etc. If not at your dealer's write us.

SIMMONS
HARDWARE COMPANY,
St. Louis and New York,
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Trade Mark Registered.

unfavorable climatic conditions, and high winds could not break them down. Some of the most valuable groves were grown in the following manner, after the cottonwoods were planted:

In the fall following we gathered black walnuts and stuck them in the same rows, they started slowly but when we afterwards cut down the cottonwoods, the walnut made rapid growth. When we broke up the prairies it was not long until the draws would commence to wash, cutting deep ditches and different methods were employed to fill them, mostly without the desired result. Finally willows would start up in the draws without planting, working their way up from the creeks and in many cases the willows would hold the dirt and fill up the ditches and much wood was grown in this way.

Post timber was a scarce article and barbed wire scarcely known so we wanted fences and therefore started to grow osage hedge, not knowing that osage hedge would make the very best nearly everlasting post. We planted honey locusts for this purpose thinking that they would make a fence also. They really failed in both; unless barbed wire was used the fence could not be relied upon to turn stock. Today we have hedge to burn and osage posts to sell. The osage proved a nuisance along the roads, unless kept down to four or five feet, which is expensive and prevents the developing into posts. If the hedge grows up high it will shut off the wind during hot summer days, it will take the sap out of the ground for two or three rods, in particular on the south side, and it will cause the snow to drift and make roads impassable in winter, but what are you going to do about it? I was guilty myself of planting twenty-one miles of osage hedge. We are pulling out some but this is hard, expensive work and most of us are just letting them go, cutting them from time to time for posts, using the small branches for fire wood. On the whole, this planting of groves and hedges is regarded as one of the factors to bring about more precipitation which fact is generally admitted in this and the European countries, but here comes another subject, that of precipitation which I will discuss some other time and I will return to the subject of forestry in the West.

I have seen the working of the timber claim law and must say that few claims, comparatively, were rightfully earned by the men who took the land under this act. I think it was a mistake to push the leafwood up to a high elevation towards the Rocky Mountains and not push the pines down from the western hills, which I understand the government is now trying to do. In my opinion the sand hills are the easiest to plant

and maintain in trees. The forest fires will destroy the forest on the buffalo sod, while the vegetation in the sand hills may be checked in a manner not to permit the fires to sweep through the forests. I have seen thousands of acres planted in Northern Germany near the coast of the East and North seas, seemingly, in pure sand and those forests became valuable until some insect played smash with them. I have seen many acres on the foot of the Harz mountains, in Germany planted to fir and spruce. Those lands were really solid lime stone; holes were picked about the size of a half bushel and filled with sand, then those pine trees were taken, a few inches tall only, from the nurseries and in time grew nicely. The only way for them to get nourishment was for them to drive their fibrous roots into the crevices of the limestone which, decaying, perhaps furnished additional food for the trees.

Another species of tree, much recommended and highly praised is the catalpa, a tree which I never appreciated and as post timber it cannot be compared with osage. We planted five groves of those trees and neither of them can be compared with walnut or elm or even ash. As fuel the catalpa is no better than willow and for fence posts we only use them if we wish to make a temporary fence around a wheat field or where a fence is wanted for one season. In a place like this the wood being light, mostly straight and easily sharpened to be driven, we consider them of same value as ash and no more lasting. On the whole it may be said that while the original timber along the streams fifty miles or more west of the Missouri river has been greatly reduced, more timber is growing in this territory than ever before and most well regulated prairie farms have all the wood needed for fuel. Further west corn cobs are relied upon exclusively for summer fuel and they fill the bill to perfection.

Nebraska.

Wm. Ernst.

WEEK END RATES VIA M. & ST. L. R. R.

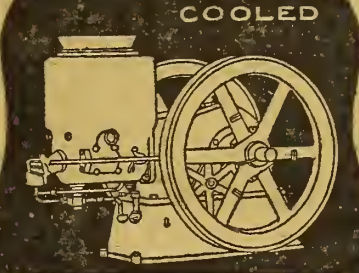
On Saturdays and Sundays the Minneapolis & St. Louis R. R. will sell round-trip excursion tickets, Des Moines to Waterville and Montgomery, Minn., at one fare plus \$2. Return limit seven days, including date of sale. Buy tickets at City Ticket Office, 512 Walnut St., or Union Station.

LOW RATES TO THE SOUTHEAST

Commencing December 18th and on the first and third Tuesdays of each month thereafter until March, 1907, the Chicago Great Western Railway will sell one-way colonist tickets at nearly half fare to points in Alabama, Louisiana and Mississippi. For further information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HAVANA, CUBA.

On December 18th to 20th the Chicago Great Western Railway will sell round-trip tickets to Havana at one fare for the round trip, with limit to return of January 9th. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



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FULLER & JOHNSON'S
Frost Proof
Gasoline Engine
Is the Engine for the Farm.

Because it can't freeze—you can operate outside with the thermometer 30 degrees below zero. No frozen, bursted pipes to stop you in the midst of some important work.

You do your work where and when you want to, not when the engine wants to. Besides, it is the easiest engine to understand and operate. This is true because Fuller & Johnson have worked and experimented for 25 years to develop this simple engine for the farmer.

The FULLER & JOHNSON Guaranty back of this engine means absolute protection to you against loss or disappointment.

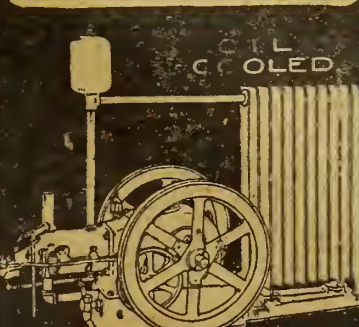
But, before you buy any engine, send a postal asking for our valuable free booklet, "Helpful Hints on Farm Power." It handles the farm power problem from the farmer's standpoint and will prove a valuable guide no matter what engine you buy.

Investigate Fuller and Johnson's Line of Farm Implements

If you want the highest standard of quality in materials, workmanship and design. Various styles of riding and walking Plows, Harrows and Cultivators, Corn Planters, Transplanters and Manure Loaders.

The Fuller & Johnson name plate has meant satisfaction to farmers for the past 45 years. We know the farmers' needs—we can supply your requirements.

Fuller & Johnson Mfg. Co.,
104 Washington St., Madison, Wisconsin.



C.O.O.L.E.D.

The Best Time for Sows to Farrow.

To the Editor of The Homestead:

There would seem to be no best time for sows to farrow; one that would apply, as a rule, to all localities, conditions of climate and to the varied and different seasons—sometimes cold, wet or dry, and often interspersed with blizzards and storms. The farmer must be his own judge as to the best time for himself. Many things, in the way of suitable facilities for caring for the little pigs during the first few days of their lives, can only be known to the breeder himself.

Take the majority of the farmers in any locality with no special preparation for housing and caring for the little fellows, except a straw stack or a few boards for a roof over them in a corner of the fence wherever the sow may chance to make her nest by farrowing, and I would say that April or even May would be plenty early enough for the sows to farrow. But if the breeder is equipped with suitable quarters to protect the young things comfortably from all inclemencies of the seasons I should prefer March or even February, particularly when I desired two litters a year.

If I were raising hogs for pork purposes and wished the shoats to follow feeding cattle in the fall and winter months I would breed for May farrow, because I have known pigs about six months that when put after cattle did much better than the older hogs in feed lots. They will be ready for market by the time the cattle are ready to be sold.

I breed for two litters per year, one early in the spring and the other as early in the fall as circumstances will permit, and I have always had good success, with but small loss from weaklings. In my judgment most of the weak pigs at farrowing time result from two causes, namely: Where a farmer has several sows to breed and wishes an even bunch of hogs, all about the same age, he selects a certain time to breed them and turns the boar in with the whole bunch and they nearly all come in heat at the same time, and the condition of the over-worked male results in quite a large percentage of weaklings. In the second place, after the sows are bred, often little attention is paid to them in the manner of their living except to feed them either properly or improperly to near farrowing time. In the meantime they crowd together in bad weather on many occasions, sometimes badly overlie, sometimes getting too hot, called from their beds steaming and hot to their feed, the result being many weak pigs that are not able to survive the first few days of life; and hence greatly to the surprise and perplexity of their owner great loss is sustained.

Boone County, Mo. D. W. B. Kurtz.

After reading the article in your paper entitled "A Subject for Discussion," my mind wandered back to my boyhood days when the hog business was not at all as it is now. In those days an old sow with a nose almost as long as a man's arm would hunt a corner off from other stock and animals as much as possible. She would make a nest out of such stuff as she could find, and without help or trouble of any kind would have from eight to a dozen or more good pigs. Perhaps one would be smaller than the rest, but it would not die unless you would kill it.

Boars were as much different, also. The boars of those days were kept for many years and traded around among the farmers. If one was on the farm you could smell him as easily as you could a skunk in the hen roost. Hog rings were unknown in those days, or, at any rate, not much used. There was not much hog fence and the hogs had large territory to run over.

The hog of today is not the same kind

of an animal, and he has much different surroundings. He is bred from a boar that is only half-grown and that has been pushed along with all kinds of rich feed to fit him for sale or for the show ring. Then brood sows are raised in a like manner and are bred to the boar when much too young for the good of themselves or the pigs.

However, it is all a natural outcome of our greedy and fast way of farming. Smith made a thousand dollars last year on his hogs and Jones will try and go him one better this year. Farms in this part sell for \$80 an acre and it is a race and a chase to make payments. A poor man must put on as much "dog" as a rich man, and so it goes. Now if we would keep half as many sows and breed them so they would pig on grass, breed from fall-grown boars and throw away the hog rings and feed less corn, we would all be far better off.

Westgate, Iowa.

Reader.

Regarding this question will say that in all things we must not draw our conclusions too much from our latest experience, but from our experience, observation and convictions of many years, modified by the last results, but not governed too much by what occurred last, as this only slightly modifies the average result.

Now as to any shortage of pigs raised

How You Can Test Standard Stock Food

—Entirely at Our Risk—

We want you to use Standard Stock Food this season whether we have a dealer in your town or not. Whether you deal with us direct, or with your dealer, we will take every particle of the risk of your being satisfied. If you are not or if the food does not do all we claim, then we will return every cent you have paid for it, and it shall cost you nothing. This paper stands behind this guaranty.

WE believe you will be fair with us. We want you to believe we will be fair with you—because we will.

Now if your dealer does not handle Standard Stock Food, we ask you to tell us and give us the privilege of making you our **DIRECT OFFER.** We will ship you the amount of food you need to make a thorough trial, and if it does not do everything we claim, we will refund every cent you have paid. If you are not fully satisfied, it shall not cost you anything.

Can you ask for a fairer offer.

* * *

Your animals are not like nature intended them to be; not like they would be under natural conditions. They are highly fed, quickly developed, and easy to get out of condition.

They need a little help from day to day—not medicine, or dope, or physic, but a condiment, a seasoning, to give variety to the feed ration, and make it taste better: a tonic to aid digestion and help get more nutrition out of the feed.

Your animals need a condiment, a flavoring, a seasoning just as you need salt and pepper, mustard and catsup, sauces and gravies, and various flavorings and seasonings to make your food taste better; to aid your digestion.

Standard Stock Food makes the ration taste better so your animals eat with a greater relish. It promotes the flow of all the digestive juices so that they digest their feed more quickly, more easily, and more thoroughly.

Its tonic properties put the entire system in that prime condition which means more thrift, better finish, and bigger profits.

We can prove the value and the superiority of Standard Stock Food so fully on every point that all we need is the opportunity.

So we put it straight and plain—take all the risk—don't ask any conditions—nothing but your word that you will use the food fairly, thoroughly and according to directions.

A dollar's worth of Standard Stock Food contains more feeds, will go farther, last longer and produce more and better results than a dollar's worth of any other stock food made whether it costs 5c or 15c a pound.

We know there is no question about Standard Stock Food paying you, and paying you big too. We have been making and testing it over 20 years. We have over 400,000 customers who have proved that it is the best condiment- tonic to mix with the feed ration that can be

had at any price.

You take no risk. We guarantee absolutely and without conditions, that it shall cost you nothing if you are not satisfied with it. You know that this paper would not print this advertisement unless we always make our word good.

We refer you to your own Bank, or to any Bank or business house in Omaha for information as to our responsibility.



**A Condiment-Tonic.
It Makes Stock Thrive.**

If We Have a Dealer In Your Town See Him; If Not, Write Today For Our Direct Offer.

Tell us how much stock you keep, and we will tell you how much Standard Stock Food you need for a fair trial. If you request it, we will send you a copy, **FREE**, of our fine stock book, **THE STANDARD FEEDER**, regular price 50c, 160 pages, 200 illustrations, chock full of valuable information on the feeding and care of all kinds of live stock.

STANDARD STOCK FOOD COMPANY, 1516 Howard St., Omaha, Neb.

the early litters are favorably considered.

For the great bulk of the fat hogs, May-bred litters may be more successful with less careful attention, but for the professional breeders and the breeding stock on the farm I do not think that any adverse experience from early farrowing will much modify the time of breeding.

S. N. Barnes.
Jefferson County, Neb.

ABSORBINE FOR WIND PUFFS.

Mr. Lewis J. Holmes, Glen, N. Y., writes under date of May 21, 1906: "Absorbine has been very highly recommended to me by Trainer McDonald and Mr. Geers for wind puffs on horses."

Absorbine is a prompt and effective remedy in removing wind puffs and similar blemishes. Does not blister or remove the hair and horse can be used during treatment. The first action of Absorbine is to remove any soreness or inflammation that may be present, then it goes to work bringing about a dissolution of the deposits in the underlying tissues until part is restored to normal and active condition.

You can procure Absorbine from your local druggist or dealer in horse goods, or I will send a bottle express prepaid upon receipt of \$2. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

SEND US THE ADDRESS OF YOUR FRIENDS IN NORTH DAKOTA.

Special rates from North Dakota up to the boundary line to points on the Minneapolis St. Louis R. R. and Iowa Central in Iowa and Illinois, on sale during November and December and good to return until April 15th. Send us your friends address and we will advise them fully. W. K. Adams, D. P. A.; D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

HORSE OWNERS! USE



CAUSTIC BALSAM.

A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all blemishes from horses. Impossible to produce scar or blemish. Send for circulars. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.



... \$2.00 ...



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Des Moines Capital

FOR THE YEAR 1907.

This is the Capital's Ninth Annual Bargain Day Offer (Good this Year from December 21st to 28th inclusive).

THE REGULAR PRICE OF THE CAPITAL IS \$3.00 A YEAR

TO secure the above offer, simply make your remittance on any day during the week of December 21st to 28th inclusive, the anniversary of Iowa's admission to the Union as a State. Money may be sent by check, draft or postal money order. The Capital is Iowa's greatest daily newspaper. Sample copies will be sent upon application. We urge our readers to take advantage of this wonderful newspaper offer. Address,

..... **THE DES MOINES CAPITAL, LAFE YOUNG, PUBLISHER**

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AND
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A
SUBSCRIBER?**

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

"FRENZIED SHEPHERDS."

About a year ago when there was so much of frenzied finance being published in certain magazines, there appeared in an eastern farm paper an article with the above caption which attempted to show the folly of farmers who were paying the long prices asked for feeders. The opinion then was that a boom was on and when it collapsed prices would drop and there would be a lot of men left with high-priced goods on their hands on which they could not realize. As a result of this condition the writer of the article closed out his flock of pure-bred sheep at \$9 per head expecting and hoping to be able to buy them back again when the crash came at \$5. He is still without sheep, for that opportunity has never come, and the facts are that sheep and lambs are worth more today than a year ago and feeding lambs and breeding ewes are much higher in the country now than at that time.

It is a difficult thing for any man to foretell what the future prices will be. Some of the best judges of conditions have failed. There was a time

when one could figure on supply and demand and a knowledge of these conditions would equip a man for making a good estimate. Let us look at some of the prices. A year ago feeding lambs were quoted in the Chicago market at \$5.75 to \$6.40. They are now selling in that market at \$6.60 to \$7. A year ago breeding ewes sold at sales at \$4.25 to \$5.40 and now the same farmers are asking \$6 per head, and one man reports a sale of some sheep at a farm sale at \$6.50 to \$7.50. Of course no one knows just how long these prices will prevail. It certainly looks as if sheep would be good property for a year or two, at least.

We have frequently said in these columns that the men who are in line to take advantage of such prices are those who have all the time kept a good flock of sheep, whether they have been high or low. One can hardly pay too big prices for A No. 1 breeding ewes, for he does not expect to sell them again at a profit. We have often said that the men who do the most dodging in the sheep business are those who miss the golden opportunity, for they usually dodge out when sheep are low and they dodge back in again when they are high.

THE PURE FOOD LAW AND MUTTON.

The visitor at the Stock Yards, Chicago and Kansas City, often asks: "What becomes of the goats that are sold on the market and are slaughtered somewhere, since we never hear of any goat meat being sold over the block?" Yes, that is a question to be asked. Can it be possible that their flesh is transformed into canned salmon or fricassee chicken? We have been around some and have never seen goat meat on the bill of fare at the hotels and restaurants.

In speaking of goat meat the Shepherd's Bulletin says:

The chances are that most of us have at one time or another borne down upon a piece of goat meat that came to us under the nom de plume of mutton. It is rumored that an inspection law will soon be in force that will add a new item to the bills of fare, as killers will be compelled to sell goat meat as such instead of selling it as mutton, which has been the practice heretofore. Many people do not like goat meat that have no prejudice against mutton. If, when they order mutton, however, they have

a presentiment that they are going to chew a piece of billy goat, and especially, when their inability to tell the difference could be taken advantage of, it is easy to conceive that mutton itself would soon come to be disfavored by them. Where ignorance is bliss it is folly to be wise, but it is very doubtful bliss if we have a lingering suspicion that the other fellow is making a big profit on our ignorance.

Goat meat may be as good as mutton, but the meat eaters of the United States feel that this question ought to be left entirely to their discretion.

LUSTER OF WOOL.

It is not often that we see in market reports that luster is one of the features of quality in wool. Fineness, length of fiber, brightness and strength are characteristics that are carefully looked after in the wool market, but it has only been in recent years that luster has come forward as a good quality of wool. Manufacturers have now come to classify wools into three classes—lustrous, half-lustrous and non-lustrous. We have the best sample of the first class in wool from the Lincoln and Leicester breeds of sheep. It is in wool from such sheep that we find a gloss of metallic brightness, called luster. This is given it to distinguish it from dull wools. Merino wool is noted for its fineness, but does not possess the characteristic called luster, for that is foreign to its character.

In the manufacture of some certain kinds of fabrics it is a matter of some value that wool has luster, and it should be remembered that this luster is not lost during the process of dyeing. It takes on color well and shows a bright luster in the fabric.

A ram with "both legs coming out of the same hole" should never be used. If one has a narrow chested ram, he should look around a good deal before using him in the flock another year.

A great deal of disappointment will surely come to the sheep breeder who depends on poor fences. A good fence must be maintained where sheep are kept. We have heard people say that barbed wire is not good for sheep as they will pull the wool from the sheep. This is a mistake, for we had such fences for twenty years and never lost

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation. D. M. NORTON, Sanborn, Iowa.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

GOTSWOLD RAMS FOR SALE!

REMEMBER I am still selling your choice of my imported Percherons, English Shires and Belgians stallions at \$1,000 each.

A. LATIMER WILSON, CRESTON, IA.

20 REGISTERED Shropshire ewes, \$20 to \$35 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

more than enough wool for the birds to make nests of.

Some years ago sheep feeders said they could buy feeders from ranchmen cheaper than they could raise them and they went out of the business. Now ranchmen have found that the demand for them has caused prices to go up and the former breeder is out. It has almost arrived at a place where lambs are selling for more than they are worth.

Occasionally one will find a glutton in a flock of sheep that seems never to become filled. Notwithstanding that fact a generous feeding of grain will change a great many searching sheep into quieter ones. When a sheep seems to be looking all the time for something it is nature calling and if that is not satisfied the sheep is going to cause trouble.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer C. T. A. 514 Walnut St., Des Moines, Iowa.

GRIND YOUR OWN GRAIN

Save time, trips to mill and expense. Grind your grain with a "Corn Belt" Feed Mill—fully guaranteed, and pay yourself the toll. Largest capacity, lightest draft, greatest strength and durability. Grinds all kinds of grains—corn in all conditions. We sell it on 20 Days Free Trial. Try it before you buy. Patented cutting and shearing process does not heat feed; reduces cob and grain to an even fineness. All other good points told in free catalog. Write for it today—ask for our free trial plan.

Spartan Mfg. Co.
234 Chambers St.
Galesburg, Ill.

ADVERTISING NOTES.

The Adams Seed Company, of Decorah, Iowa, are quoting prices on hides in their advertisement which appears on page 27 of this issue. They also buy tallow, wool, beeswax and pay the highest price for furs. Send for price list and shipping terms.

You cannot go far astray in buying a package of Conkey's Roup Cure which is advertised on page 13 of this issue by Messrs. Livingston & Co., of 713 Grand Avenue, Des Moines, Iowa, for fifty cents. It is an established fact that Conkey's Roup Cure does just what is claimed for it.

Mr. S. E. Newhouse, of St. Louis, Mo., has several thousand acres of Missouri land located around Sikeston, in the southeast part of the state, which he is offering for sale at a very low price per acre in his advertisement that appears on page 24 of this issue. Write Mr. Newhouse for literature and dates of low excursion rates.

If you have a farm home, no matter where located, which you wish to sell for cash within the next ninety days, Mr. A. Edgar Davis, of Lincoln, Neb., makes the announcement on page 25 of this issue that he can sell it for you. Mr. Davis has hundreds of buyers and keeps in touch with them through his 1,500 agents. Write him sending description and price of property, mentioning this paper.

The advertisement of Messrs. Myers & Myers, of Matthews Bldg., Milwaukee, Wis., offering a 170-acre farm, 125 acres of which is under cultivation, the rest in pasture and meadow, appears on page 24 of this issue. There is an eight-room house, large barn and other buildings on the place, and convenient to churches, school and creameries. This firm also have other properties for sale or exchange, or they will buy. Write them for their sale and exchange lists.

There is offered for sale on page 25 of this issue of The Homestead, a corn, stock or dairy farm, containing 360 acres, about 240 of which is improved. The farm is located in one of the best farming sections in Minnesota. There are fine large buildings and improvements and it is of the best of corn, clover or small grain land. The price per acre is named in the advertisement, and for terms and other information address the owner, Mr. E. M. Kieron, 311 Nicolett Ave., Minneapolis, Minn.

If it should be the misfortune of any reader of this paper to have hogs afflicted at the present time with worms the advertisement of the Farmers' Hog and Cattle Powder Company, of Shenandoah, Iowa, will be of especial interest to him. It appears on page 27 of this issue. The claim is made that the 175 million dollars worth of hogs died last year from what is called hog cholera, but it is estimated that 90 per cent really died from losses originating from hog worms, a certain forerunner of constipation, fever and hog cholera. The price at which these powders are sold is named in the advertisement. Send and get it today if your hogs are afflicted.

One of our representatives called at the Waterloo Business College recently and found its president, Mr. A. T. Harvey, busily engaged enrolling new students and adjusting them to the work in the school room. Their attendance is more than 25 per cent above that of last year. This is due to the careful, painstaking work in the school room and in securing positions for graduates. This school ranks among the leaders in commercial education and our readers may rest assured of the best of service if they send their young people to Waterloo for a business education. We especially call your attention to their advertisement on page 4 of this issue. Write for their catalog and see what they can do for you. Address Mr. A. T. Harvey, president, 500-520 Syndicate Building, Waterloo, Iowa.

It is with a great deal of pleasure that we call the attention of our readers this week to the illustrated advertisement of the Commonwealth Land Company, of Windsor, Mo., that appears on page 24 of this issue. This company have a choice lot of land for sale in the very best portions of Indian Territory, south central Missouri and western Texas, which they are offering at low prices and on easy terms. They make the announcement that they are positive that they can save money for those who purchase land of them. They guarantee good titles and they have sold one billion dollars worth of land in the Southwest. They can furnish to prospective purchasers the names of 200 satisfied customers. They consider that now is the proper time to buy land, as values are rapidly increasing and they think will double or triple

in value within the next year or two. Write them for maps and particulars.

It is a pleasure to comment upon the conservative methods employed by the G. & C. Merriam Company in the publication of the Webster's International Dictionary. Not every little slang word or phrase is put into the book regardless of its scholastic or linguistic qualities. It is this conservatism backed by the scholarship of the editor-in-chief, William T. Harris, Ph. D., LL. D., late United States commissioner of education, and hundreds of others of the greatest educators of this and other nations which has made the International the standard in the United States Supreme Court and all the state supreme courts, also the standard of the government printing office, and the basis of nearly all the school books in the country. It is endorsed by every state school superintendent, universally recommended by college presidents and educators, and adhered to as standard by over 99 per cent of the newspapers. Should you not own such a book? Get the best. See page 8.

DON'T FAIL TO READ
the advertisement of Mr. L. Odum, offering for sale a fine south Missouri stock and fruit farm, on page 24.

GOOD FARMS CHEAP.
Four especially fine farms are offered at extremely low prices by Messrs. L. A. Briggs & Co., of 206 Hall Bldg., Kansas City, Mo. Their advertisement will be found in the Lands and Homes department on page 24. Those who are interested in farms near Kansas City should write this firm.

A HEAVY FENCE.
You will find the advertisement of the Brown Fence and Wire Company, of Cleveland, Ohio, on page 16 of this issue. This firm are selling fences all the way from fifteen to thirty-five cents per rod and the freight is paid to its destination. One hundred and thirty-three styles of fence are manufactured by this firm, and our readers cannot do better than send for a fence book, addressing Brown Fence and Wire Company, Cleveland, Ohio, mentioning The Homestead when you write.

NORTH MISSOURI FARM BARGAINS.
Some of the finest farm bargains that have been offered through our columns for some time will be found in the announcement of Mr. Alvin C. Frisbie, N. Y. Life Bldg., Kansas City, Mo., in the Lands and Homes department of this issue. As was stated in The Homestead heretofore, Mr. Frisbie has moved from north Missouri to Kansas City and is investing his money in property there. He owns these farms and is offering them at less than the market value. Anyone interested in a bargain should look up his advertisement on page 24 and write him.

AN AIR-COOLED ENGINE.
Opposite this field note in this issue you will find the advertisement of the "New Way" Motor Company, of Lansing, Mich. This firm manufacture the New Way air-cooled engine. In the advertisement you will find a letter from Mr. Colon C. Little, deputy dairy and food commissioner of Michigan, that will interest you. Write without delay for catalog "L" to the New Way Motor Company, Lansing, Mich., and mention The Homestead when you write.

CATARRH TREATMENT FREE.
Dr. Williams, of Des Moines, Iowa, makes an exceptional offer to all who are suffering from catarrh. For a limited time he is offering the public a full month's treatment free. If you have catarrh of the nose, throat, bowels, stomach, liver, kidneys or bladder, bronchial catarrh or lung trouble, write Dr. Williams for his free descriptive book and symptom blanks. All this will be mailed you free of charge and you can have a month's treatment free to convince you that his methods are effective. Hundreds of our readers have already taken advantage of this offer. We know Dr. Williams personally and we know the offer is made in good faith.

GATE TALK.
Farm gates are generally an endless source of trouble, especially the wooden gate; the one that perhaps has just been repaired for the twentieth time and is literally loaded with nails and riddled with nail holes. Cattle that walk through a wooden gate generally consider before attempting the same thing on one of wire and steel construction. The reasons are many. So important in fact that the Iowa Gate Company, of Cedar Falls, Iowa, have compiled them in a booklet. They will consider it a favor if you write them for it. On page 16 you will find something about their gates that will be interesting. Nothing bothers a farmer more in winter time than to need to shovel the gates out of snowbanks. With a wire gate much of this nuisance is prevented. Snow does not bank against the Iowa gate. Further, there is a special feature for lifting the gate from the ground so that in swinging it clears any obstruction in its path. Write to these people if in want of better and more serviceable gates. Their gates are made to last a life time. Kindly refer to The Homestead in writing them.

CHOLERA AND OTHER TROUBLES.
It is a long time since the corn-belt states have been bothered so much with cholera and other troubles in hogs as at present. And just now while hogs are worth good money is the time relief is most desired. It seems strange that the owners of good hogs will allow their herds to continue in bad health, full of worms and not getting the full benefit of their food. It is just as easy to keep hogs in good shape and growing nicely as to allow them to be unhealthy and subject to disease. Many of the best-known breeders and most extensive farmers of the country say there is sure relief for the hogs in the Snoddy system of treatment. Such men as Messrs. O. S. West, Paulina, Iowa; P. W. Peterson, Vermillion, S. D.; J. C. Gaebel, Louisvill, Neb.; Dave Rankin, Tarkio, Mo.; Geo. Seckman, Ripley, Ill., and hundreds of others who have used this treatment for years very highly recommend it. These men are too well known to need introduction, and what they say counts for something. In their endorsements of this treatment these men say it is a great worm exterminator, a fine health and thrift producer and that it actually cures and prevents cholera, swine plague and like diseases. Write to the Snoddy Remedy Company, Box 862, Des Moines, Iowa, for circulars showing the picture and endorsements of the men above named and hundreds of others. They will also send you a hook of valuable information on the hog and his



YOU WANT THIS FREE BOOK

Here is a book—yours for the asking—which should be in the hands of every progressive farmer in America. From cover to cover it is brim-full of facts of vital importance to you. It comes from the greatest independent telephone house in the world—the house that has been most instrumental in bringing the blessings of the telephone to hundreds of thousands of farm houses all over the land. It shows you how simple and easy and inexpensive it is to own a

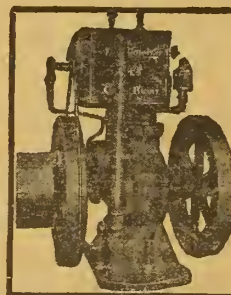
Stromberg-Carlson Telephone

system—a system that is a money-saver every hour in the day—a convenience and comfort you shouldn't even try to do without, and a protection against sickness, robbery, danger and fire that pays back its trifling cost over and over and over again. You owe it to your business and your family to get this book at once and read every line in it. Your letters will get personal attention and you'll have the help of experts from this great factory in every move you make toward owning a telephone. Sit right down now and say: "Send me your 52 page booklet G12 'How the Telephone Helps the Farmer.'"

Stromberg-Carlson Telephone Mfg. Company

ROCHESTER, N. Y.

CHICAGO, ILL.



The "New Way" Air Cooled Engine.

"AN EXPERT DAIRYMAN TALKS"

Coopersville, Mich., May 24, 1906.

THE "NEW WAY" MOTOR COMPANY.
Gentlemen:—I am perfectly satisfied with the engine. I cannot find one single fault with it. We start the engine when we get ready to milk and never have to look at it or pay any attention to it until we are through. Yours very truly, COLON C. LILLIE, Deputy Dairy & Food Commissioner.

Write for Catalog "L" and Prices.

The "New Way" Motor Company
LANSING, MICHIGAN, U. S. A.

troubles. Investigate this at once and learn how to grow hogs with a profit to yourself.

THE STROMBERG-CARLSON TELEPHONE.

A book has recently been published by the Stromberg-Carlson Telephone Company, of Rochester, N. Y., and Chicago, entitled "How the Telephone Helps the Farmer." You will find, according to the advertisement of this firm, which appears on page 22 of this issue, that this book is brimful of facts from cover to cover. It comes from the greatest independent telephone house in the world—the house that has been instrumental in bringing the blessings of the telephone to thousands of farm homes. Simply take a postal card and write on it the following sentence: "Send me your 52-page booklet G-12, 'How the Telephone Helps the Farmer,' and address it to the Stromberg-Carlson Telephone Company, of Rochester, N. Y., or Chicago, Ill.

THE OMEGA CREAM SEPARATOR.

If there is anything in a name, the "Omega" Cream Separator, manufactured by the Omega Separator Company, of Lansing, Mich., ought to soon forge to the front; indeed, this is just what it is doing, because the manufacturers have from the start adopted the policy of making a high-class separator. It is a combination of about all the best things that can be found in a separator, and we have no hesitation in asking our readers who milk as many as five cows to send for the book entitled, "More Milk Money," to the Omega Separator Company, Lansing, Mich. This company offer what they call their golden rule guarantee and every reader who contemplates buying a separator will be interested in that guarantee. Mention The Homestead when you write. The advertisement will be found on page 9.

HOW FARMERS PROSPER IN CANADA.

Every farmer who is anxious to better his condition should send for and read a little book entitled "The Home Builders." In which is presented an unusual opportunity for securing a comfortable and happy home and at the same time for making more money in farming than ever before. The section described in this book is the Saskatchewan Valley, which is the great wheat region of western Canada. The figures given show conclusively that Saskatchewan produces more bushels of wheat to the acre, and therefore more money to the acre, than any other part of the world. It has a perfect climate, deep, rich soil and unfailing markets. Nor is wheat the only crop in which this wonderful valley excels. The yields of all kinds of grain and produce are immense; fruit trees bear heavily; stock is raised with least expense and largest profits; poultry is a big money maker; dairying brings great financial returns. Saskatchewan, in short, is the land of prosperity for the farmer. The book tells about one man who bought 320 acres of Saskatchewan land three years ago for \$12 an acre, paying only \$2 an acre down, or \$640, and is today worth at least \$5,000. There are hundreds of similar instances of success in Saskatchewan. And it is easy for progressive farmers to buy land and establish prosperous homes in this great wheat region. The Saskatchewan Realty & Improvement Co.,

which own thousands of acres of the best land in the region, offer very easy terms, and also give a bond agreeing to refund the price paid and 50 per cent more if the buyer is not fully satisfied at the end of five years. A copy of the book can be obtained free by addressing the St. Paul office of the company mentioned. See advertisement on page 25.

A NODAWAY COUNTY, MISSOURI, FARM BARGAIN.

In our land and home department on page 24 will be found the advertisement of 330 acres of land that should appeal to the man hunting a home in this, the finest part of the corn belt. The farm advertised is an all round productive farm, splendidly located, being within one mile of railroad station of the Chicago, Great Western R. R. and four miles of railroad station on the Burlington R. R., and about thirty miles north of St. Joseph, Mo. It is a part of the Steward & Hutchison fine stock farm, used by them for the breeding of Herefords. Of the tract offered for sale 160 acres is corn land which has produced for the past two years from sixty to eighty-five bushels per acre. It is bottom and second bottom land thoroughly tiled. The remainder is rich bottom land and is in grass. The late Jno. Steward and Wm. Hutchison bought this land expecting to hold it as a breeding farm indefinitely, but now that Mr. Steward's estate must be settled the administrators are offering this farm at a bargain price.

BUY AN "ONLY" HOG AND SHEEP WATERER.

"Now that winter is near at hand, the wise and the thoughtful man will look to the future welfare of his stock, and one of the most annoying things is the freezing of the watering tank or trough. One of the simplest hog and sheep waterers now on the market,



and one that can be kept from freezing in the coldest weather, is the "Only" Hog and Sheep Waterer, manufactured by the Only Manufacturing Company, of Hawarden, Iowa. They claim that it will not freeze when it is 40 degrees below zero. Write for further information to the Only Manufacturing Company, Hawarden, Iowa. They will be pleased to quote you prices and tell you all about it.

Announcement.

The Originator of the Combination Oil Cure for Cancers and Tumors says that under his present management the chances for a cure are far better than ever before. Write for free book to Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

DEAFNESS CURED
By New Discovery

"I have demonstrated that deafness can be cured."—Dr. Guy Clifford Powell.

The secret of how to use the mysterious and invisible nature forces for the cure of Deafness and Head Noises has at last been discovered by the famous Physician-Scientist, Dr. Guy Clifford Powell. Deafness and Head Noises disappear as if by magic under the use of this new and wonderful discovery. He will send all who suffer from Deafness and Head Noises full information how they can be cured, absolutely free, no matter how long they have been deaf, or what caused their deafness. This marvelous Treatment is so simple, natural and certain that you will wonder why it was not discovered before. Investigators are astonished and cured patients themselves marvel at the quick results. Any deaf person can have full information how to be cured quickly and cured to stay cured at home without investing a cent. Write today to Dr. Guy Clifford Powell, 50½ Home Bank Bldg., Peoria, Ill., and get full information of this new and wonderful discovery absolutely free.

IN AND AROUND WISCONSIN.

The cranberry crop for this season in Wisconsin is now largely in the hands of retailers and wholesalers. Though a large crop has been harvested, prices have been good on account of co-operation among growers.

Fifty thousand pounds of carp were taken from the waters of Lake Koshkonong in a recent haul. The shipment went to Chicago largely.

The fertile tract of 4,000 acres near Appleton, Wis., owned by the Shlaeton Garden Land Company, is about to be turned into an immense bulb and small fruit farm.

Present conditions operate to increase the cost of lumber. Logging operations in the northern part of the state have been impeded for lack of full crews and other unfavorable conditions.

A large portion of Polk county, Wis., was a lumber wilderness thirty years ago. Now it contains thirty creameries and four cheese factories, supplied by two thousand patrons. Most of the creameries are co-operative and the total output crowds the \$450,000 mark.

The acreage of peas in the Sturgeon Bay district this past season was 2,500. Over two and a half million cans of this vegetable were shipped to various parts of the country.

The millions of saw-handles that are being made nowadays come largely from the apple orchards of Michigan. At Hartford is a sawmill that deals in this kind of material. All of the orchards within two or three hundred miles are closely watched for any trees that for any purpose may be cut down, when they are bought up and shipped to the mill.

Good cabbage in Wisconsin warehouses is selling to wholesalers for nine dollars per ton. The price is advancing rapidly and choice stock is not over plentiful.

At the sub-station experiment farm near Iron River in Northern Wisconsin, some excellent results were secured this past season in growing sugar beets. Both the sugar content and purity per-

centage ranged higher than in other parts of the state. The average test for the sugar is 14.9, while the station workers secured two per cent more. Results are more indicative than otherwise, and further work will be done next year for conclusive evidence of the superiority of this region for beet growing.

The Oconomowoc Poultry and Pet Stock Association will give its second annual exhibition from December 7th to 13th. Special features have been arranged for, including a talk to poultry men by James A. Tucker, an orchestra concert, a baby show, and boxing matches between game birds. Many fine prizes are offered in the various classes and the judges are to be experts in the feathered stock line. James A. Tucker, of Concord, Mich., will be judge of poultry, and H. Vanslow, of South Milwaukee, judge of pigeons.

Sir Thomas Lipton will be an exhibitor at the International Live Stock exhibition. He will show his saddler, Erin-Go-Bragh. Sir Thomas' entry adds another bit of international flavor to the nominations for the stock show, which already include the shire horses of King Edward and Lord Rothschild as well as Lord Caven's champion flock of Hampshire sheep.

The Lawrence University at Appleton, Wis., has just completed the erection of \$55,000 library. Andrew Carnegie donated the money for this building.

State Game Warden Svenholt has, after consultation with the attorney general, ruled that allotted Indians are subject to the game laws. Heretofore the Indians on all of the Wisconsin reservations have been allowed to hunt there during the entire year. Ashland people, who were unable to get venison in any other way, were always able to do so by visiting the Red Cliff or Bad River reservations, but if the ruling of the state game warden is enforced, the only Indians who will be exempt from the game laws hereafter will be those who have not received allotments.

The invasion of the Mississippi valley by the Japanese has begun. A small company has already located on the Mississippi, five miles below Red Wing, Minn., on the Wisconsin side. Many more are to follow their countrymen in the spring. In this band are sixteen or seventeen young Japanese. They are all vigorous, alert, and busy, and were found doing carpenter and mason work and busy at various other kinds of employment.

"Jobbers who sell adulterated goods are attempting to get them off their hands in every state in the union before the new federal pure food law goes into effect January 1st," said Dairy and Food Commissioner Emery of Madison, Wis. "Once the retailer has those goods on his hands and finds they are adulterated it will be too late to reship them after January 1st, for the national law makes it a serious offense to ship adulterated goods from one state to another. The pure food laws of the state have been rigidly enforced and during the year 100 prosecutions have resulted."

A Talk on Corn.

To the Editor of The Homestead:

It is strange that the farmer who would spend hundreds of dollars for the improvement of his live stock, when he was financially unable to invest big sums in a sire, would overlook other things nearer to him and easier done. I have reference to the improvement of corn in which more can be accomplished, with less money, than in any other way pertaining to advanced agriculture. Many claim that they have bred seed corn for so long that they know all about it.

The mysteries of plant life are many and deep and the man who has solved them all don't live. I see that the increase in yield of the corn in the state of Iowa is explained by some agricultural writers as being solely the result of the improvement in seed corn. Now I don't want to belittle the work of any man or set of men, but to give those men the whole credit for the bigger yield in Iowa or elsewhere, is misleading. There

Our SPECIAL TIME PRICE Is What WE Want to Send YOU NOW on a Detroit Tongueless Disc Harrow

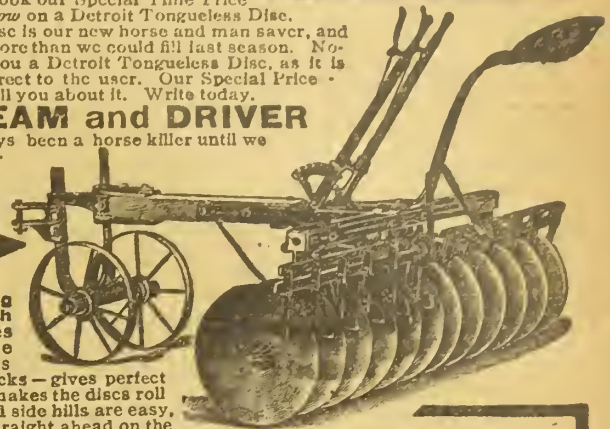
YOU can't afford to overlook our Special Time Price. We are making right now on a Detroit Tongueless Disc. The Tongueless Disc is our new horse and man saver, and we had nearly 1463 orders more than we could fill last season. Nobody else can make or sell you a Detroit Tongueless Disc, as it is our patent. We sell only direct to the user. Our Special Price will surprise you. Let us tell you about it. Write today.

Easiest on TEAM and DRIVER

Disc Harrowing had always been a horse killer until we made our Detroit Tongueless Disc.

This Light Truck Instead of Tongue is only one of the Great Special Features

Doing away with the tongue saves rubbing and side jamming on your horses—saves weight on their necks—gives perfect balance to the frame and makes the discs roll smoothly. Sharp turns and side hills are easy, as the team always pull straight ahead on the Eveners. The Detroit Tongueless is altogether the lightest draft harrow made, and will save its cost in horseflesh alone, besides doing your work easier for you, better for you and quicker for you.



We Allow '30 Days' Test FREE

We want you to order it on our 30-Day Field Test Trial. We want you to be satisfied. We want you to know that the Detroit Tongueless Disc is just exactly what we claim it is before you pay us one dollar

We Pay Freight—Both Ways If Not As We Claim

We pay the freight direct to you anywhere. You don't send us a dollar until after thirty days, and then you can pay cash or settle on our liberal time terms, if you find that it does just what we say it will. If it doesn't—you can ship it back to us at our expense. A month's work in your fields will

show you. We want to show you.

Order at Once for Future Delivery

and we guarantee to ship you the Disc when you want it. To order now is the only way to be sure of getting our Disc when you want it, for it looks as if we were again going to be behind in our orders in the busy season. Our right-now special time prices provide for longer time on advance orders. Don't put off writing for booklet and prices, anyway. You will be interested to know more about this harrow than we can tell in our advertisement.

AMERICAN HARROW CO., 142 HASTINGS ST. DETROIT, MICH.

are three other factors not to be overlooked and not to be neglected. First, better cultivation; second, clover, and third, rotation of crops. There was a time when careful cultivation did not pay best. We have seen the time in Iowa and Nebraska when it brought better returns to skim over more ground if we wanted more corn. The land was new and fertile, the weeds easier subdued and plenty of land lying idle all around us, which, with a plowing or two, would produce fair corn. One of my neighbors raised in the '80's three years in succession 10,000 bushels of corn each year with three cultivators. He could not do it today. Who thought of plowing corn those days after harvest with a single horse cultivator? While on my way to the National Farmers' Congress in Rock Island, Ill., recently, I saw more clover in Iowa and Illinois than I have ever seen before. I find in my old home in Illinois which I left thirty-six years ago, some farms more productive than they were those years.

The grain farming and selling has given away to mixed farming, and I find a method of farming established in the older states that I have for years recommended for Nebraska and particularly the western part of it, that is, "mixed farming." I don't advise dairying exclusively, but every farmer should milk a number of cows; nor horse breeding, but every plow on the farm should be pulled by a draft mare regularly bred and of whatever breed takes the fancy of the owner. A few sheep do well without extra effort to provide for them; hogs should be kept, and last, but not least, poultry. Not a bushel of grain should go to the elevator, all should be fed on the farm. I found the above conditions practiced on many farms in Illinois that this year have a bigger corn yield than they had for many years. The stubble were sown to clover in the spring, in many cases to be turned under the next fall. The pastures are not gnawed out of the ground, and lots of vegetation is allowed to fall down to enrich the ground and hold the moisture for the benefit of crops to follow, but I must return to my subject.

The selection of seed corn is of course the first important factor in corn raising, but I don't agree with the experts as to the importance of certain points claimed to be of absolute necessity for best results. For instance, the idea of selecting all perfect ears for seed I don't think a necessity or of great importance. I think a well-developed kernel of good variety is as good as any, at least this is my experience. In 1874 our corn crop was a total failure, the

only failure ever experienced in this section. The nearest corn we could get was at Hamburg, Iowa, about forty-five miles from here. A number of us drove over in wagons and got a load of nubbins—nothing else could be gotten. The best was reserved for seed, but we could get only a few kernels from many of the ears that would work in the planter. In some cases not over fifteen or twenty kernels were taken from an ear. We tested this corn and it grew all right, but we still were afraid of it and sent to Illinois for part of our seed corn. We received all nice, large ears. Next year the more acclimated Iowa corn produced the best, most perfect and uniform ears. From time to time we have observed similar results. While myself and most farmers would get their seed corn from the field which was the best on the farm, one of my neighbors would gather his seed on thinner soil, saying he would raise nice big ears if he planted this seed on his richer ground. He is one of the best corn raisers in the neighborhood.

What about suckers? I think they are the result of conditions connected with the growing of the particular crop in question. We have had the fewest suckers in fields from which seed was gathered that had the most suckers, and vice versa. When I commenced farming in Illinois in 1866 I could get no seed corn that had been properly cared for. The best I could get were the tips and butts and some chaffy ears, chaffy from the fact that they had been picked before maturity. Those kernels would not work in the old-fashioned planters of that date and we had to plant by hand, three in the hill. The result was three healthy stalks, with good, healthy ears, not all tips or butts, either. Give me for seed a good, healthy kernel of a good variety well acclimated and I don't care whether a few rows run out to the end. I think this dropping out of rows is a result of climatic or atmospheric conditions only. The silks are so delicate at first that the least thing might injure them, and not fertilize the kernels to the end oftentimes. I believe in the best seed corn obtainable and taken care of in the best possible way, but think other things should be well considered and given due credit, such as cultivation, rotation of crops, sowing of clover and other fertilizers, and soil culture. Wm. Ernst. Nebraska.

There is "Advertising" and there are "Advertisers," but this question is analyzed this week on page 5 in a manner that ought to interest every land owner who reads The Homestead.

FREE! My Book About Curing DEAFNESS AND EYE DISEASES AT HOME

I have published a new 128 page book which tells of a method by which people who are willing to devote fifteen minutes of their time each day for a month or two, following my instructions, can cure themselves without leaving home or visiting a doctor. Of Deafness, Head Noises, Catarrh of the Nose, Throat and Head; Catarracts of the eyes, Granulated lids, Sore eyes, Pterygiums, Films, Wild Hairs, Eye Strains or any weakness or disease of the eye, ear, nose or throat. This book gives the causes and symptoms of each disease. It tells you not only how to cure these diseases, but how to prevent blindness and deafness.



I want to place one of these books in every home in the United States. Write me a letter or a postal card and tell me your disease and you will receive this grand book and my opinion free of charge, and learn how people from every state in the United States are restoring their sight and hearing at home by this new method.

I want no money for this neither does it place you under any obligations to me whatever. I simply desire to show and prove to you how easy it is to get perfect sight and hearing by my method. Write to me today. Address

DR. W. O. COFFEE

340 Century Bldg., Des Moines, Iowa

Storing and Purchasing Seed Corn.

There are many different methods of storing seed corn, but the experiments which have been conducted by this station indicate:

1. That it is not advisable to harvest immature corn and place it in a warm room, as there is danger that the corn will begin to germinate as a result of the moisture and warmth.

2. That corn intended for seed should be allowed to mature thoroughly on the stalk or in the shock before husking.

3. That the best results are obtained when stored in a dry and thoroughly ventilated place.

4. That cold does not injure the vitality of corn when it is thoroughly dried and kept dry; but, on the other hand, if allowed to gather moisture, freezing will induce the vitality and may destroy it entirely.

5. That it is unwise to store seed corn in barrels or boxes, as it will gather moisture. Corn often contains a great deal of moisture, even though it appears to be thoroughly dry. This is especially true during the fall and early winter months.

The one thing that seems to be the most essential in the storing of seed corn is thorough ventilation.

In securing seed, the factor of greatest importance is obtaining corn which will give the largest yield per acre, of the best quality. The acre is the unit in corn production, and therefore that seed is the best which gives the largest yield per acre. Carefully selected seed of pure-bred varieties gives the largest yields. Hence, the important question for the farmer who must purchase seed is not one of cost, but of quality. It will prove far more profitable to pay three or four dollars for a bushel of seed which will germinate well, and insure an even stand and a large yield, than to accept an inferior grade, even though the first cost be exceedingly low. Purchasing seed corn in the ear offers the farmer the surest and safest way to secure seed which will prove satisfactory.

Heretofore the common practice among corn breeders and seedsmen has been to send out to farmers shelled corn. This method of handling seed corn can never, in any adequate way, really help growers to improve their corn. This is true because much of this corn has been indiscriminately purchased from farmers who have paid no attention to the selection and breeding of the corn. For this reason this seed often proves no better, if as good, as that which the farmer himself has been growing in years past.

A marked advance will be made in the

Economy is practiced, comfort is increased, and work is lessened by MACBETH lamp-chimneys.

* They cost less if you figure by the year instead of by the chimney. MACBETH lamp-chimneys add to the brilliancy of the lamp, and it is taken care of with half the bother when fitted with a MACBETH chimney.

There are other reasons. The Index explains them and also tells, all about lamps, their proper chimneys and care. It's free.

Address, MACBETH, Pittsburgh.

BIG FARM PAPER A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsome printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published by its own \$20,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people, its circulation reaching every state in the Union. Address with stamp Valley Farmer, 675 Jackson street, Topeka, Kan.

improvement of the quality and yield of corn when farmers realize the importance of purchasing seed corn only in the ear. The following facts are offered as evidence that the custom of purchasing shelled corn is unwise and detrimental to the best interests of corn growers.

When the corn is in the ear the farmer can see just what he has. If, after a critical examination he is confident that it is unsatisfactory he can reject it and return it at once. This will enable him to secure corn from another source or use his own seed, which, in fact, may be superior to that which has been shipped to him. He will not lose a year in discovering that he has an undesirable type. The corn grower seldom buys seed corn for his entire acreage, and therefore it is possible for him to select, from the few bushels which he has purchased, the best ears, in the entire shipment. If these ears have been selected with care and are of a desirable type as to size, shape, market condition and character of the kernel, they should be planted on one side of the field where conditions are the most favorable. Thus a limited area is grown from the best seed. This portion of the field should yield superior seed for his future crops. When this plan of selection is repeated, year after year, corn is grown which is well adapted to the latitude and conditions in which it is raised.

Corn on the ear is also the farmer's strongest guaranty against the fraudulent practices of unscrupulous seedsmen, who often purchase entire fields or cribs of corn and shell it and ship it without care for selection or real merit. Seed corn handled in this manner is of inferior type and quality, often lacks vitality, and must necessarily give a poor stand and a low yield.

Again, when seed corn is received on the ear, two or three kernels from each ear should be tested. Those ears which show poor germinating qualities can be rejected. On the other hand, if shelled corn is purchased the kernels from the ears of low vitality or germinating power are mixed with the others and cannot be separated. The result must necessarily be a poor stand and a reduced yield. Experiments show that all the kernels from an ear possess approximately the same degree of vigor and, therefore, the vitality of an ear can generally be determined by testing a few of its kernels. If every purchaser will decline to receive any seed corn except in the ear, the most important step tending toward the improvement of seed corn will have been taken. Reliable seedsmen will stand ready to supply seed corn in the ear whenever the demand is such as to warrant it.

The purchaser, however, must not expect too much. Good ears of corn—those approaching perfection—are few in number. Seed ears such as are exhibited at corn shows are hard to find, and the farmer must not expect to receive corn from any source which is up to the standard of show corn. However, uniformity of shape, size and color of both ears and kernels—such uniformity as indicates good breeding, trueness of type, strong vitality, and freedom from mixture—should characterize every ear in the shipment. The question of seed corn is important, for upon the type and quality and germinating power of the seed planted will depend in large measure the stand, yield and quality of the succeeding crop. Too much emphasis cannot be placed upon the fact that success or failure in corn production is based very largely upon the seed planted. (Bulletin Iowa Experiment Station.)

THE MARKETS.

Chicago, Dec. 1.—Chicago Stock Yards movement of live stock, to-day's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Nov. 24.....	1,074	79	18,068	1,436
Mon., Nov. 26.....	34,405	1,556	40,252	38,219
Tues., Nov. 27.....	11,098	1,348	26,554	14,381
Wed., Nov. 28.....	21,287	1,185	25,305	12,927
Thurs., Nov. 29.....	Holiday			
Fri., Nov. 30.....	7,006	735	26,321	18,310
Sat., Dec. 1.....	1,500	100	12,000	2,000
Total this week.....	75,296	4,924	130,432	85,837
Previous week.....	77,263	6,836	140,745	102,587
Cor. week 1905.....	61,590	3,747	168,476	66,529
Cor. week 1904.....	80,563	6,674	227,875	96,966
Shipments—				
Sat., Nov. 24.....	1,521	84	2,638	2,326
Mon., Nov. 26.....	6,620	5	5,279	1,027
Tues., Nov. 27.....	4,264	129	3,814	6,864
Wed., Nov. 28.....	8,524	101	5,387	4,013
Thurs., Nov. 29.....	Holiday			
Fri., Nov. 30.....	6,121	156	4,666	3,149
Sat., Dec. 1.....	1,000	50	2,000	1,500
Total this week.....	26,529	441	21,146	16,553
Previous week.....	30,833	865	20,675	27,039
Cor. week 1905.....	23,772	596	26,628	12,129

LANDS AND HOMES FOR SALE



SOUTHWEST

THE LAND WHERE FARMERS MAKE GOOD

It is easy to succeed in the S. W. Good rich lands cost only a small part of what similar land costs where you now live. Crops are bigger and bring higher prices. The climate is mild and healthful. Now is the time to sell your few acres in the North and buy a big farm here. Land values are rapidly increasing and will double or triple in value within the next year or two.

HOMESEEKERS AND INVESTORS Our Co. has bought up large quantities of choice lands in the very best portions of Indian Territory, (now New State of Oklahoma), South Central Mo. & West Texas, which we offer at low prices and on easy terms. We can save you money. Our Co. is responsible, having \$100,000 paid up capital. We guarantee good titles. Have sold over \$1,000,000 worth of land in the S. W. Can give names of 200 satisfied customers. Buy direct from owners. We are the largest land-holders in Ind. Terr., and largest dealers in farm lands in the S. W. Write for maps and particulars to

THE COMMONWEALTH LAND CO., J. P. Allen, Pres't.
Home office, WINDSOR, MO. Branch office, Room 222, MO. BLDG., MUSKOGEE, I.T.
References: Clt. Bank, Windsor, Mo. Mech. Am. Nat. Bank, St. Louis, Mo.
LIBERAL TERMS TO LAND AGENTS. SEND FOR CONTRACT.

FOR SALE CHEAP

To Settle an Estate

NORTHWEST MISSOURI FARM.

330 acres very rich productive land, one mile to Railroad Station.

For particulars address

S. G. GILLAM, Maryville, Nodaway Co., Mo.

22,994 acres WYOMING LAND

Fine Ranch or Colonization Land. Only 12 Miles from Cheyenne, Wyo., on U. P. Ry.

Only \$3 Per Acre.

LAND adjacent selling at \$8 to \$10 per acre. Purchaser must buy entire tract. Reasonable cash payment down and long time on deferred payments. This is your last chance to get good land at only \$3 per acre in a good country where you can raise almost anything and the climate delightful. Buy this and sell it out in small tracts and get rich. Better wire if interested.

W. F. Shelton Land Agency, 215 Sheldley Bldg., Kansas City, Missouri.

NORTHWEST MISSOURI FARMS

No country can boast of better and more productive soil than can be found in the splendid "Grand River Valley" of Gentry Co., or the "Platte River Valley" of Nodaway Co. Corn is king in these two famous counties; I own three splendid farms in Gentry Co., two 50-acre tracts, and one 120-acre tract; also a splendid 80-acre farm in Nodaway Co., all nicely improved. Write me for full description or call anytime.

ALVIN C. FRISBIE,

401B New York Life Bldg. Kansas City, Mo.

We Bring Buyer & Seller Together

KANDIYOHI County, Minn., 178 acres; 125 cultivated, rest in pasture and meadow. 8 room house, large barn, other buildings, 2 wells, rolling prairie, churches, school, creamery convenient. R. E. D. Will sell 98 acres with improvements. Price for all \$10,880. If you want to buy sell or exchange write us. Farms and business opportunities throughout country listed directly. Many will exchange. Send for sales and exchange lists.

MYERS & MYERS.
150 Matthews Bldg. Milwaukee, Wis.

STOCK FARM FOR SALE

321 ACRES, 8-room house, frame barn, cattle sheds, corn cribs, well fenced, large grove, orchard, best of water; good corn, hay and pasture land. No. 1 place for stock growing or dairying. Five miles from railroad town, price, \$10,500; terms to suit; might take small farm as part pay.

M. B. HUBBARD, Owner, - Iduna, Kan.

THIS FINE 300-acre Stock and Fruit Farm.

5,000 apple trees, just come into bearing; 7,000 bu. apples this year. Good buildings. Vernon Co., Mo. Can give possession at once, \$37.50 per acre. Good terms. L. Odum, 307 Century Bldg., Kansas City, Mo.

TO RENT:

320 or 640 acres in Wilkin county, Minnesota; good, level land, excellent location. 240 or 288 acres, Dunn county, Wisconsin, good stock farm. For terms and descriptions write The Northern Iowa Land Co., Independence, Iowa.

160 ACRE valley farm, \$1,000, rich soil, improved;

So. Missouri. McGrath, 2940 Prairie, St. Louis

Cor. week 1904.....34,822 917 31,715 27,643

OTHER MARKETS.

St. Joseph, Mo., Dec. 1.—Cattle—Receipts, 600; steady. Hogs—Receipts, 6,000; steady to a shade lower; top, \$6.22½; bulk, \$6.12½. Sheep—Receipts, none.

Kansas City, Mo., Dec. 1.—Cattle—Receipts, 1,000; nominal. Hogs—Receipts, 4,000; steady; top, \$6.17½; bulk, \$6.07½ @ 6.15. Sheep—Receipts, none.

Sioux City, Iowa, Dec. 1.—Hogs—Receipts, 4,200; steady; top, \$6.15; bulk, \$5.95 @ 6.00. Cattle—Receipts, 100; steady.

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneida and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

EVERY DAY

This winter the Chicago Great Western Railway will sell tourist round-trip tickets to points in Alabama, Central America, Colorado, Cuba, Florida, Georgia, Louisiana, Mexico, Mississippi, New Mexico, North Carolina, Porto Rico, South America, South Carolina, Tennessee and Texas at very low rates. Tickets have limit of June 1st, to return and allow some stopovers. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa, for full information.

25,600 Acres TEXAS LAND

WE will sell as a whole, or in part from one section up, the forty sections of land controlled by us located in that portion of Texas being brought into prominence by the building of new railroads. This land is not in the Panhandle, nor on the coast. If you are interested in getting the best where every acre is a perfect one; where fine wholesome water can be obtained at from 10 to 30 feet, then write at once for full description, prices, terms, plats and state map of Texas free.

UNITED STATES & MEXICAN TRUST COMPANY,
Land Department,
101 Bryant Bldg. KANSAS CITY, MO.

TEXAS LAND

ARE YOU INTERESTED?
We have for sale lands in the Texas Panhandle, on the line of R. R. all the way from Oklahoma to New Mexico, from ¼ section to 10,000 acres, at prices ranging from \$5 to \$20 per acre. Why go from 10 to 40 miles from R. R. to buy lands when you can buy it at the same price along the railroad—and frequently near large towns? Stop and give this question your attention, and write to us or call and see us. Correspondence solicited. Join our next excursion for Texas.

BOYER & PETERSON,
Texas Land Dealers,
408-410 Gumbel Bldg., Kansas City, Mo.

FOR SALE---AT A BARGAIN.

THE Crawford Ranch is one of the best stock farms in Eastern Kansas, located seven miles from Cottonwood Falls, county seat of Chase county, and in the best stock-raising section in the state, consisting of 1920 acres of rolling prairie and creek bottom land, all in one body, with two miles of creek, and never-failing springs in all the pastures; 60 acres of timber, 450 acres under cultivation, 60 acres of alfalfa, 60 acres English blue grass; 800 bearing apple trees, 16 miles of wire fence, 3 miles of woven wire fence, 3 miles of stone fence, a good ranch house, large barn 40x70 with "L" 15x24, and other outbuildings, farming implements; corn, kafir corn and cane, our good wells, about 500 head of cattle, horses and hogs. If a carefully examined this property and find it one of the best, and can sell at a bargain. If you want a fine ranch, this is your opportunity. Address, CALVIN BREWER, P. O. Box 337, Topeka, Kan.

BEST FARM LAND IN MISSOURI

Is around Sikeston in the southeast part of the state. There the crop for the past ten years has averaged over 50 bushels to the acre. S. E. Newhouse, 617 Frisco Bldg., St. Louis, Mo., has several thousand acres for sale from \$15 an acre and up that is a good investment. It's also a great wheat country. Write Mr. Newhouse for literature and dates of low excursion rates.

....FOR SALE....

180 ACRE FINE STOCK FARM, close to Kansas City, Mo., 1,000 acres of alfalfa, near Sedalia, Mo., 120 acre dairy farm near Independence, Mo., 85 acres adjoining city limits, Independence, Mo. For prices and terms write L. A. Briggs & Co., 206 Hall Bldg., Kansas City, Mo.

LANDS AND HOMES FOR SALE

New Wheat Lands In the Canadian West

**100 ACRES
FARMS IN
WESTERN
CANADA
FREE**

5,000 additional miles of railway this year have opened up a largely increased territory to the progressive farmers of Western Canada, and the government of the Dominion continues to give one hundred and sixty acres free to every settler.

The Country Has No Superior

Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low; climate the best in the Northern temperate zone. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address the Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent.

W. V. Bennett, 801 N. T. Life Bldg., Omaha, Neb.
E. T. Holmes, 815 Jackson St., St. Paul, Minn.

CHOICE VIRGINIA FARMS

From 25 to 2,000 acres with buildings, timber fruit, good water etc. \$8 per acre and up. Lands level, with enough slope for natural drainage. Annual yield per acre—more than the cost of the land. Many men from the level western country settling here. Prices advancing steadily. Good opportunities for general farming, stock raising, dairy, poultry etc. Unsurpassed climate, fertile soil, fine markets and near to churches and schools. Excellent rail and water transportation. Sell your high priced land and buy cheap but equally productive land in a climate where you can enjoy life. Landed investments are sure to prove profitable here.

Write today for our Real Estate Herald containing full account of the advantages of Southside Virginia and descriptions of desirable farms.

PYLE & CO., Inc., Petersburg, Va.

Improved Farm FOR SALE.

280 ACRES—3 miles northeast of Johnstown, Brown county, Neb.; 150 acres black loam, clay subsoil, in cultivation; 5,000 bushels grain raised in 1906; good house and all necessary farm buildings; good well and windmill; farm nearly all fenced, including 130 acres pasture; ½ mile to school. Price \$30 per acre. Warrenton deed given. Address the owner,

E. J. A. Rice, - - Harvard, Neb.

CORN, STOCK OR DAIRY FARM

360 acres, about 240 improved, in one of the best farming districts in Minnesota; fine large buildings and improvements. Best of corn, clover and small grains grown. Splendid soil and water, land equal to Illinois except in price, adjoins beautiful lake, 20 miles from St. Paul and Minneapolis. For immediate sale, \$50 per acre, small payment down and very easy terms. No commissions to be paid. No trades. Write the owner,

E. M. KIERON, 311 Nicollet Ave., - Minneapolis, Minn.

NOW TO CUBA!

WHY? BECAUSE now for the first time, the Turiguan Land Company is offering a portion of its plantation for sale, in small tracts, to suit the purchaser, and at extremely low prices. Turiguan Plantation is admitted by all to be the richest and best in all Cuba. Write at once, for fine descriptive booklet, prices and terms, cheap rates, etc. Correspondence solicited. Look into this, and you will buy.

TURIGUANO LAND CO. Majestic Bldg., - Chicago, Ill.

IOWA FARMS

We have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY, Laurens, Iowa

WHY PAY RENT?

We will sell you improved farms in Pulaski Co., south Missouri, at \$5 to \$15 per acre, on easy terms. Raise fruit, vegetables, grass, corn, etc. On main line R. R. Let us tell you more about it. Write now.

DAVIS BROS. REALTY CO., 544 New Ridge Bldg., - Kansas City, Mo.

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment.

BOX 151, INDEPENDENCE, IOWA

In Beautiful Artesian Valley, With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to

Miller & James, Mende, Kansas.

FARMS FOR RENT.

Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list.

Northern Iowa Land Co., Independence, Ia.

Oklahoma Farms for Sale

In Noble County for corn, wheat, alfalfa; will sell you a well improved home cheap. Write A. W. Tucker, Perry, Oklahoma.

IOWA FARMS FOR SALE

Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

GOOD corn and wheat lands for sale. Send for list.

C. W. Lindsey, Wilsouville, Nebraska.

"On to Canada!"

Get a Home and Farm in the Heart of Saskatchewan, the World's Great Wheat Bin. Help Canada Feed the World



Western Canadian Farmers Raised a \$60,000,000.00 Wheat Crop This Year.

Farmers, get in the line of prosperity and progress up here in Western Canada. Come out where the soil is three feet deep—rich enough to grow anything—where crops never fail—where every farmer has money in the bank—where paupers and poverty are unknown.

Come and raise wheat where the average yield is 25 bushels to the acre. Where the first crop from virgin soil nearly pays for your land—no clearing to be done—the soil is ready for the plow.

This is the place to live, among an intelligent, industrious and prosperous people—most of them from the States. Give the young folks a chance, let them enjoy the advantages of Canada's fine schools and churches—bring them up to rugged manhood and splendid womanhood in this great land of health and opportunity.

Let us write you a personal letter about this wonderfully rich agricultural region, and send you our Free book, "The Home Builder," which tells why the country is rapidly filling up with the best and most intelligent farmers in the whole world.

It tells you how newcomers from worn-out farms get independently rich in a few years.

"The Home Builder" tells you everything you naturally want to know about this Great Wheat Region of Western Canada—about the healthful climate, the abundance of pure water and cheap fuel, the social and educational advantages.

Remember that land values are advancing rapidly and there's no time to lose. You can buy a 160-acre farm from us now for cash at the lowest price, or on easy payments, if you prefer, and our Company will give you a Guarantee Bond, stipulating that if at the end of five years you are in any way dissatisfied, we will buy back the land at an advance of 50 per cent over the purchase price.

We make this guarantee offer because we know the fertility and crop-producing power of the land, and that five years from now, under cultivation, it will be worth very much more than what you paid for it.

Over 125,000 people are coming into Western Canada this year. "On to Canada!" is the watchword of the hour. Come over while the choicest land that lies outdoors is yours at much less than its actual value. Write for free book F, at once, and ask as many questions as you wish. They will be cheerfully answered.

Saskatchewan Realty & Improvement Company

(Capital \$250,000.00)

312 Jackson St., St. Paul, Minn. Regina, Saskatchewan, Canada.

MISSOURI LAND

IS BETTER at present prices than a gold mine. Come and we will take pleasure in showing you. 509 acres well improved, all kinds of fruit and the best of water, and the low price of \$40 per acre buys it. 220 acres three-fourths of mile to Kirksville. As good prairie land as you will find in Missouri. Fair improvements. This is an ideal lying farm and \$65 per acre buys it. 80 acres, 2 miles from Kirksville, nice improvement, a lovely small home at the slaughter price of \$80 per acre. 82 acres, one-fourth mile to Kirksville, good improvements and as near an ideal home in every respect as can be found, and we are only asking \$90 per acre for it. 132 acres one-half mile to Kirksville, good improvements, all kinds of fruit, no better land in the state, every foot can be farmed with any kind of machinery. This looks good to anybody, but it is better than it looks and we are putting the low price of \$80 on this ideal home. 180 acres, 90 rods to Kirksville, good building, good fence, all kinds of fruit, the best of water and worlds of it, cistern in house, in fact, everything is right. No better or finer lying land in the state. \$70 per acre will buy this home.

ISAAC A. NOVINGER & SONS, KIRKSVILLE, ADAIR COUNTY, MO.

P. S. WE are not real estate dealers, we own the land herein described and furthermore our home is not for sale. We simply have more than we can handle.

BUY YOUR LAND IN THE BIG BEND COUNTRY

OF EASTERN WASHINGTON, where you get not only the best of lands at low prices, but also get located in the finest climate, where crop failures are unknown; no bugs, flies or rust; freedom from electrical and destructive wind and hail storms; where fruits of all kinds do well. This is no experiment, as the country has been thoroughly tested. Special inducements to parties buying this fall. Railroad fare refunded to purchasers. Write for pamphlet to

THE BIG BEND LAND CO., WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers, Capital and Surplus, \$250,000.00. LARIMORE, - - - NORTH DAKOTA.

A FARM BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES, 4 1/2 miles from Osage City, Kan.; 45 acres in cultivation, 40 acres hay land, 1 acre orchard, 2 acres timber, balance in pasture; 140 acres of this farm can be cultivated, balance is a little broken and has some stones, but is the very best of pasture; hay land is all smooth and would make a fine field. Soil is a black, sandy loam of the very best quality, no bad ground on place; 6 room house in good condition, barn for 8 horses, with loft; cow barn, cattle shed, buggy shed, corn crib, hen house; plenty of good water; nice grove around house; 1 1/2 miles to school. Fine location on main traveled road. This is one of the best all-round farms in Osage Co., Kan. No trades considered. One-half cash, balance on time.

Price \$40 per acre. Send for our list of Osage Co., Kan., farms for sale.

Olander & Rapp, Osage City, Kan.

I WILL HELP YOU MAKE MONEY

(The same as I have helped over 5,000 others)

No matter where you are located or what your former occupation, if you are honest and ambitious, I will teach you the Real Estate, Insurance and General Brokerage Business thoroughly by mail, appoint you SPECIAL REPRESENTATIVE of my Company (the largest in America), and assist you to become a prosperous and successful business man with an income of \$3,000 to \$5,000 annually.

Usual opportunity for men without capital to become independent for life. Valuable Book and full particulars FREE. Write today. Address either office.

EDWIN R. MARDEN, President Nat'l Co-Operative Realty Co.

389 Athenaeum Bldg. or 389 Maryland Bldg. CHICAGO, ILL. WASHINGTON, D.C.

OWN A FARM.

BUY it direct from the owners, the Duluth & Iron Range L. R. Co., and save speculators' profits. Titles perfect. Prices to suit all comers. Make small payment down and balance in 10 to 15 years' time at 6% per annum.

MEADOWLANDS

IN St. Louis County, Minn., is only 45 miles from Duluth and crossed by two railroads. Has a rich, clay loam soil, pure water, school, good neighbors, good roads. No stumps and no stones. Look this up before locating elsewhere. A fine dairying and diversified farming district. For map and full information, address,

LAND COMMISSIONER O. & I. R. R. CO. 525 Wolvin Bldg., - Duluth, Minn.

Listen, Mr. Farmer.

If you're going to get any of this NORTH DAKOTA LAND WHILE IT'S CHEAP,

let me, as a Land Dealer of many years experience, advise you Not to put it off. Send me your address. I'll show you how easy it is to better your condition.

A. B. MALIN, Kulm, N. Dak.

LET ME SELL YOUR FARM, HOME OR BUSINESS

No matter where located, for cash, in less than 90 days. I have hundreds of buyers and keep in touch with them through 1,500 agents. The man who will buy your place is on my list—do you want to meet him? Send description and price of your property quick. Address

412 Brace Bldg., A. EDGAR DAVIS, Lincoln, Neb.

WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$250 to \$800 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

YOU WANT LAND

BUT do not buy before looking over the proposition around Gibbon, Buffalo County, Nebraska, the center of the famous Wood River Valley country. If impossible to come at once, write for my new list of well improved farms close to town and school.

L. P. SARGENT, Gibbon, Neb.

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.

BOX 81, INDEPENDENCE, IOWA

FARMS, STOCK RANCHES, CITY PROPERTY

BOUGHT, sold and exchanged. We have a large list of the best farm lands in eastern Kansas for sale. Visits or correspondence of prospective purchasers solicited. Ref. Hartford National Bank.

Hartford Land Co., Hartford, Kansas.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stock hardware, groceries, dry goods, general merchandise, stables, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MEER, Chillicothe, Missouri.**

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map.

Northern Iowa Land Co., Independence, Ia.

FOR SALE OR EXCHANGE: 240-acre eastern Texas peach and pear orchard, 2 miles of good growing city of 18,000 population. Owner will sell on easy terms or exchange for northern farm or city property.

Northern Iowa Land Co., Independence, Iowa.

TO EXCHANGE: TWO registered draft and one standard bred stallion and 50 head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 148, Independence, Iowa.

FOR SALE—A small farm, consisting of 48 acres, in Howard County, Iowa. Well improved, near town, cheap if taken soon. Address, A. Haupt, Cresco, Iowa.

If you want to buy a good farm of 320 acres in Lyman Co., S. D. write to the homesteaders, Mr. and Mrs. S. A. Barton, Chamberlain, S. D.

Echoes From a Kansas Farm

By Henry Hatch

Good weather is like good health, we don't realize all that it is until the reverse occurs. Just now the ground is covered with a six-inch snow, an unusual fall for Kansas, in November.

Many have been so far behind with their work that the storm caught them without proper shelter for their stock. Especially did it catch those who depend upon hay sheds for their cattle. Hardly a hay shed in the neighborhood was in repair.

Compared with twenty years ago, there are few hay cattle sheds in the country, but there are too many as it is. There are some folks who contend it doesn't pay to build with high-priced lumber. The fault with a hay shed is not that it cannot be made warm, but that it is usually neglected.

In a snow like this is when the broad-tired wagon pulls hard. We find it impossible to use ours when the snow freezes to the tires, as they ball up until the team can hardly pull the empty rack. If, as some recommend, every farmer had nothing but broad tired wagons, it would be a case of not using a wagon in times like this.

Of all stock, cattle are the dumbest and dumbest in a storm. Horses and colts will warm themselves with exercise, hogs will hunt the warm place and stay there, but a cow will hump up and take the wind, not as much as stirring out of her tracks to warm herself by exertion.

We consider the best improvement made on this farm within the past three years has been the windmill and pipe that puts water in the yards around the buildings. A great many of our best farmers are slack in taking hold of anything like this. For \$150.00 we got something that proves a time and labor saver every day in the year.

Buying more land is laudable for the man of large family. It is a great thing to have all the children settle near when they start out for themselves, but for the head of the small family to put every dollar made into more land, letting the home farm go with scant and unhandy improvements, looks a little like folly. Some folks seem to think they have more than one life to live here, or can take all they have made with them when they go.

For some years now, though the crops have been good, the man who has made the most money has not been "the

rancher," or the man who runs a lot of ordinary stock cattle and farms many acres with hired help, but he who has looked better to what might be called by some the small things. Take poultry and good milk cows, for instance, the man who has concentrated the most on these two lines has done well.

Kansas is not a state of sleighs, but, immediately after a snow that makes sleighing possible for two or three days, it is a state of sleds. It is surprising how quick a Jayhawker can construct one of these uncertainties. We see them in all shapes and manner of construction, and have helped to build several of the unreliable affairs. But, then, the best workman in the land could not make a palace car out of two crooked sticks from the timber and boards off a hog pen.

People must learn that it is dangerous to pasture cattle on alfalfa. We have just had a letter from a reader who reports the loss of one of his best milk cows by the alfalfa route. This cow, too, had been used to running on the alfalfa pretty much all summer. It was thought that she might be immune, but one morning her carcass was found in the field, bloated like a balloon. It is claimed by some that a sprinkling of blue grass sown with the alfalfa will make it less dangerous.

It looks as though the railroads would have to double-track their main lines, build more branches and double or triple their number of box cars, or the business of the country will soon be crippled. There is such a thing as falling with its own great weight, and the business of the West seems in this danger. A few years ago it was the lack of salable products that troubled; now it is the great quantity of them, a quantity so great that the railroads are unable to handle all.

In a little town not far from here, where there are three grain elevators, all are full of grain and one has 30,000 bushels piled on the ground. But two cars of corn have been shipped in the last several days by this elevator, simply because no cars can be had. It is really getting to be a serious matter. Further west in the state, according to newspaper reports, a coal famine is immediate on account of lack of cars to haul the coal in. To use a common expression, the railroads are simply all in as far as taking care of the business is concerned.

W. W. Brown's Short-horn Sale.

The sale of Short-horns held by Mr. W. W. Brown, of Weston, Mo., at Kansas City, Mo., on Wednesday, November 28th, may be classed among the successful sales. No high prices were realized, but every animal was sold and the herd brought within a few dollars of what Mr. Brown expected to realize. No breeders from a great distance were present, but some of the most representative breeders tributary to Kansas City were present and lent their support. The Scotch bull, Tillycalra, sold to Mr. J. F. Adams, of Bosworth, Mo., for \$215. Messrs. A. M. Ashcroft & Son, of Atchison, Kan., bought four head, among which were the two Scotch Eliza cows, Lulu and Mayflower, both daughters of Pride Victor and out of daughters of Sir Charming 2d. Both had heifer calves at foot. For Lot 8, Lulu and heifer calf, Messrs. Ashcroft & Son paid \$200; for Lot 16, May Flower and heifer calf, they paid \$130. Messrs. C. F. Wolf & Son of Ottawa, Kan., were the next heaviest buyers of females. For lot 11, another Scottish Eliza, they paid \$105. Lot 23, another of the same family, went to Messrs. Wolf & Son at \$120. Messrs. Fleming Bros., of Pleasant Hill, Mo., secured Lot 13, a Pride Victor cow and bull calf, for \$100. They also took others at prices ranging below the \$100 mark. Mr. T. F. Stone, of Weston, Mo., was a persistent bidder on the Scotch sorts and bought several head. On the twenty-six head sold an average of \$68 was made. Colonel Harri-man did the selling to the entire satisfaction of both buyers and seller.

Gudgell & Simpson Hereford Sale.

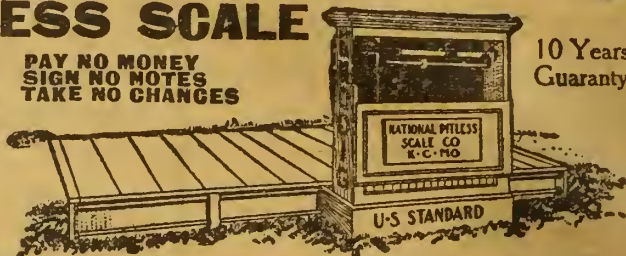
Considering the number in attendance at the Gudgell & Simpson sale held at Omaha, Neb., on November 27th, these gentlemen made one of the best sales of Herefords held this season. As is the custom of this firm they sold young things exclusively, and all of their own breeding. Nothing had been especially fitted for the sale and those who bought will find that they have bought good values and stock that will continue to improve and that will add to their herds. Mr. A. J. Chapman, of Rollins, Wyoming, was the heaviest buyer of bulls. Mr. Homer Bean, of Oberlin, S. D., bought freely of the females and secured several fine hargains. The top on bulls and the top of the sale was \$180, paid by Mr. Jno. Secord, of Mechanicsville, Iowa, for Lot 45, an October yearling. Mr. Secord also took several fine females. One hundred seventy dollars was the top on females, two head selling at this figure. Messrs. Miner Bros., of Craig, Neb., were good buyers and took several head. Colonel Callahan, of Omaha, assisted by Colonel Zaun, of Independence, Mo., did the selling.

Try This Knodig

PITLESS SCALE

FREE PAY NO MONEY
SIGN NO NOTES
TAKE NO CHANCES

Direct
From
Factory



10 Years
Guaranty

My One Profit Plan Saves You From \$30 to \$50.

If you would rather keep \$30 or \$50 in your own pocket than to hand it over to some dealer, I will show you how to do it—

And still get the scale you want. I make the Knodig Pitless Scale and sell it direct from my factory to the user.

Nobody else is making so good a scale at so low a price—or a better scale at any price—Nobody is selling on such liberal terms.

And my big illustrated catalog explains why

You simply can't afford to buy a scale until you know all about my proposition.

Send for my "Knodig" book and examine the brand new Models A. and B. with Protected Bearings.

Ready for instant use when you want them.

No ice or snow to cut away from the bearings in winter—no dirt or dust to clean out in mild weather.

Nothing to interfere at any time with the absolutely accurate and sensitive weighing feature of the "Knodig" Protected Bearings.

Fully covered by patents. Sold only direct from factory at lowest factory prices.

Costs half the price of a pit scale and has no expensive pit with rotting timbers, rusting parts and big repair bills.



H. C. Gumbel
The Man Who Stands
Back of the "Knodig"
Pitless Scale.

Can be moved anywhere on your land wherever the work happens to be.

Absolutely accurate because tested according to U. S. Standard of weights.

Why not deal direct with me and save all that profit that is added on for Agents, Salesmen, Jobbers and Dealers?

That \$30 or \$50 you pay the dealer doesn't make the scale any better.

I am willing to PROVE that the Knodig Pitless is the scale you want

I will send a set to you or to any responsible Farmer, Stockman, Elevator Man, or Grain Dealer on a month's free trial

You have nothing to pay until you are satisfied.—Don't send me a penny. Simply give the "Knodig" a fair, honest trial at MY risk.

If it doesn't please you, send it back, and I will pay freight BOTH ways. That's fair.

Write to me personally for the new Knodig Pitless Scale Catalogue.

It contains over 40 fine half-tone pictures that will interest you, and is chock full of practical scale wisdom from cover to cover.

Write for Catalogue! To-day.

Address

H. C. GUMBEL, Gen'l Mgr., National Pitless Scale Company,
2011 Wyandotte St., Kansas City, Mo.

My Scale is Used

by the
U. S.

Which Proves
Its Quality.

Cut This Out and Mail Today.

H. C. Gumbel, Gen'l Mgr. National Pitless Scale Co.
2011 Wyandotte St., Kansas City, Mo.

Please send me your Knodig Pitless Scale catalog.

My name is _____

My address is _____

Following is a list of all sales of \$100 and over, and the averages:

FEMALES.

Blue Bell 21st, Jno. Secord, Mechanicsville, Iowa	\$155
Daisette 20th, Homer Bean, Oberlin, S. D.	105
Donora 13th, Miner Bros., Craig, Neb.	115
Dorine 21st, W. Corwin, Essex, Iowa	105
Girdle 3d, Herman Bean	170
Gleeful 2d, W. Carwin	125
Glow 4th, C. Penge, Craig, Neb.	120
Gondola 4th, Jno. Secord	105
Gospel 2d, W. Carwin	105
Grace, Jno. Secord	170
Grand Duchess 3d, C. Penge	115
Gratitude 5th, Herman Bean	105
Goeta, Herman Bean	115
Lady Anxious 9th, W. Carwin	100
Mylene 12th, C. Penge	150
Mitayune 3d, Herman Bean	100
Preference 5th, Herman Bean	100
Sprite 19th, Miner Bros., Craig, Neb.	120

BULLS.

Balboa, Fred Michaelson, Cordova, Neb.	145
Beau Patricia, A. J. Chapman, Rollins, Wyoming	105
Bostonian, same	100
Carondelet, Miner Bros.	110
Coroner, Hood & Baker, Dunlap, Iowa	100
Gammon 2d, A. J. Chapman	100
Gold Digger, same	100
Question, same	120
Subject, Jno. Secord	180
Lawyer 2d, W. C. Atwell, Riverside, Iowa	135

SUMMARY.

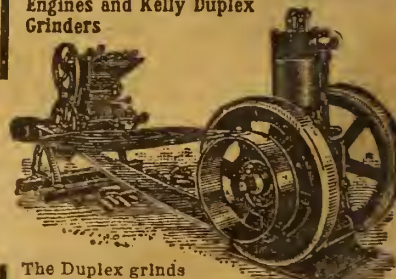
28 females	\$3,020; average	\$107.85
21 bulls	2,125; average	101.19
49 head	5,145; average	105.00

THE STROMBERG-CARLSON TELEPHONE.

A book has recently been published by the Stromberg-Carlson Telephone Company, of Rochester, N. Y., and Chicago, entitled "How the Telephone Helps the Farmer." You will find, according to the advertisement of this firm, which appears on page 22 of this issue,

THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.
DEPT. H, IOWA CITY, IOWA.

ONEIDA COMMUNITY TRAPS



The NEWHOUSE TRAP is the best in the world. It is a perfect machine. Hand-fitted! Thoroughly Inspected and tested!

The VICTOR TRAP is the only reliable low-priced trap. Don't buy cheap imitations. Be sure the Trap Pan reads as follows:



ASK ANY TRAPPER

THE TRAPPER'S GUIDE

Send 25 cents for the Newhouse TRAPPER'S GUIDE. Tells best method of trapping and skinning game. Send to Dept. A.13 Oneida Community, Ltd., Oneida, N. Y.

HUNTER-TRADER-TRAPPER

The only MAGAZINE devoted to the interests of the trapper. Send 10 cents for copy. A. R. HARDING PUB. CO., Columbus, Ohio

that this book is hrimful of facts from cover to cover. It comes from the greatest independent telephone house in the world—the house that has been instrumental in bringing the blessings of the telephone to thousands of farm homes. Simply take a postal card and write on it the following sentence: "Send me your 52-page booklet G-12, 'How the Telephone Helps the Farmer,'" and address it to the Stromberg-Carlson Telephone Company, of Rochester, N. Y., or Chicago, Ill.

HINTS FROM THE FEED YARD.

LESLIE SMITH.

Many of the breeders of live stock depend entirely too much on the established reputation of the breed they own. Individually, they do not advertise as freely as they should; they seem blind to their own interests in this regard. Come, breeders, advertise your herds and let the people know more particularly what you have! You may be doing well without advertising, but would do much better with it, as inquiries for well-bred stock would then be addressed to you instead of to the publishers and editors of newspapers.

The question of housing and shelter for stock comes up as regularly as winter comes around. Those who are fortunate enough to have lots of stable room are all fixed, but be careful and don't get your stables too hot at night, as you may do more harm to your stock than if you had no stable at all. Keep your stables well ventilated; don't have them draughty, but try and get all the fresh air you possibly can, for fattening cattle are growing cattle. A grove with a shed will make a good shelter, but for milk cows and calves something more substantial ought to be provided.

It is a queer problem, this breeding. You mate two animals that you think will nick just right for sure, but the result is often the opposite of your expectations. Not long ago a young man asked me the reason why nearly all the best Short-horns were roan in color. He had been looking up a good many show-yard records. I had to tell him that it had always been so, or, if not always, since Jacob of Old had tried his hand at breeding cattle and used the streaked rods.

Not long ago I read an article on exercise or no exercise for fattening or breeding cattle, the writer advocating keeping the cattle tied up all the time to get the best results. I have always contended that in order to secure the greatest possible benefit from food consumed we must necessarily have a condition of as perfect health as it is possible to get, and in order to attain that perfect health we must avoid violating any of the laws of nature compelling an animal to stand tied up by the neck week after week and month after month. Allowing no exercise is surely in direct violation of nature's laws. It seems to me that a sufficient amount of exercise is as necessary as a balanced ration to get good results.

A cow is valuable in proportion to the perfect working of her digestive organs. Every article of food has a nutritive value, which value can only be shown by experimenting to know its effect on the animal fed in producing beef in beef animals or milk in milk animals. An animal is valuable in proportion to the smallness of the feed ration it requires to produce a given number of pounds of beef or pounds of milk. Therefore the intelligent breeder should secure those animals which will produce the

most beef or the most milk to a given ration.

Another point in feeding stock that occurs to me as being worthy of mention and one which I have had occasion to notice is that the animals having strong, powerful jaws, being widened out at the nozzle, with good breathing capacity, are nearly always the best doers.

In looking over some improved Yorkshire hogs, descendants of some improved Yorkshire sows imported a few years ago, I notice a good many of the pigs belonging to the third and fourth generations are more of the lard than bacon type. I came to the conclusion that with about two more generations of feeding corn the bacon type would be bred or fed out and they would be lard hogs. At the same time we have been using up-to-date improved Yorkshire boars of the very best bacon type we could find.

Get your water supply for stock fixed up for cold weather. Get the wells and tanks all banked up in good shape; get the tank heater in place and keep the icy chill off the water. Be liberal with the feed pail among your young and growing stock and be kind to them. Don't have them make for the farthest corner of the pen or yard when you make your appearance.

This is the season of the year to cull out the herds. There are always some females in nearly every herd that it will not pay to keep over the winter—some that are not good breeders, some that won't breed and some that don't give enough milk to make it profitable to keep on.

Not long ago a friend wrote asking me what was the best tool for dehorning, the saw or clippers. We recommended the clippers for immediate use, but for the future would recommend the Galloway bull.

A neighbor told me not long ago he fed a bunch of steers. Part of them had some Jersey blood in their veins, the balance were Short-horn grades. When he came to sell, the Short-horn grades brought \$10 per head more than the Jersey grades. That convinced him that if he was to follow up fattening cattle it would pay to use a beef sire, which is right. Breed and feed the animal that will grow sirloin and porterhouse steaks and prime ribs of beef and leave those alone that grow punch and soup bones.

The other evening I was thinking of the difference in the use and value of animals. I had been reading of some sales in Scotland of Short-horn bull calves, \$4,000 each and upwards being paid for some. I picked up another paper and read that a New York woman had paid \$5,000 for a pet dog. She had all sharp-cornered furniture in her apartments removed that the dog might not injure himself through bumping against it. I thought verily some men are unfortunate not to be born \$5,000 pups.

Retired Farmers Killing Time.

To the Editor of The Homestead:

Three years ago I found myself disqualified, on account of age, being eighty-six years old, for manual labor. I found it necessary to retire and find a home with one of my daughters in town, where I am now located, surrounded by four wide-awake grandsons and living over with them my own boyhood and early manhood by taking a lively interest with them in the public schools.

I am one of those who believe it better for us older fellows to keep in touch and stand shoulder to shoulder with Young America in all that relates to educational, social, religious and business life, although properly counted out of the ring on the score of age. Accordingly, since coming to town, instead of joining the already crowded list of professional loafers on the streets or playing the gossip in the places of business of my friends, I concluded to devote a large share of my leisure in posting up in respect to our most excellent system of popular education, by visiting the schools and comparing notes with the log schoolhouse of my boyhood or the "little red" of the teaching days of my young manhood.

True, I had some misgivings as to the reception an old retired farmer would receive at the hand of the four score

Free Catarrh Treatment

To you for one month—I make this exceptional offer to you as a catarrh sufferer so that you may have an opportunity of testing my new method of treatment, and satisfy yourself that I can do all that I claim I can do for you—one month's treatment has permanently cured—long standing and chronic cases, however, require a regular course of treatment—and this one month's free treatment will enable you to decide intelligently if you should continue, so confident am I of the benefits you will receive that I do not hesitate to make you this exceptional offer.

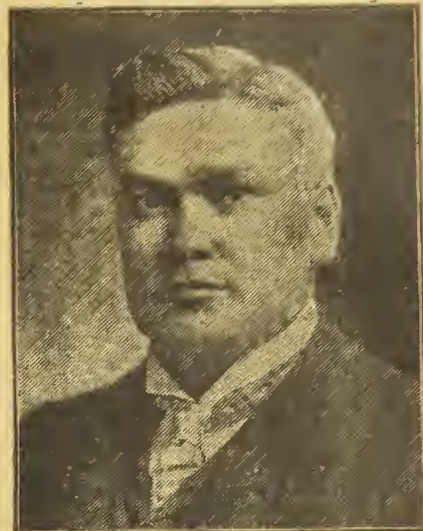
My Cured Patients Are My Best Recommendations

Dr. T. F. Williams: I had catarrh of the stomach for years and could find no relief until I began your treatment, and am now perfectly cured. You can refer my case to any one, and anything I can do for you, I will be only too glad to do.

T. A. HANSON, Boone, Iowa.

Dr. T. F. Williams: I am glad to say that I am perfectly cured of catarrh by your priceless medicine, and I am very thankful to you. I will certainly tell my friends how you cured me.

NELLIE PALMGREN, Orion, Ill.



T. F. WILLIAMS, M. D.
Consulting Physician.

CUT OUT THIS FREE COUPON AND SEND TO ME TODAY.

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,
211-213 Crocker Building, Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name

Address

HOG WORMS ARE KILLING YOUR HOGS

Dead Shot Worm Killer Kills the Worms and Saves the Hogs.

One hundred seventy-five million dollars worth of hogs died last year from so-called hog cholera. Two hundred million dollars worth died this year. Ninety per cent of all losses originated from hog worms, the certain fore-runner of constipation, fever and hog cholera. "Farmers," don't experiment with uncertainties, but send direct to us for our "DEAD SHOT WORM KILLER." Five cents per head is all it costs to rid your pigs of hog worms. Price, 3 lbs., \$1.50; 7 lbs., \$3.00; 10 lbs., \$4.00. Express charges prepaid to your nearest express office. Send today and you will get the remedy tomorrow. Address,

Farmers Hog and Cattle Powder Company, Shenandoah, Iowa.

or more dandy teachers of the city, yet believing that I could so manage my card as at least not to meet with a cold shoulder, I made the venture. I was agreeably surprised to find myself most heartily welcomed by every teacher and officer and a most respectful and friendly greeting from the pupils. Visiting every room and but one room each school day it requires nearly a year to go the rounds, including the business college and academy, and now on my third round I find myself more heartily received than ever.

In addition to visiting the schools, I am decorating my room with the class work, lesson papers, short compositions, letters and pictures as a "School Art Exhibit." This is attracting a great deal of attention from patrons, parents and guardians, as well as teachers and pupils.

On the whole, I am satisfied with my experiment as a clever and harmless dodge for killing time that often hangs so heavily on the hands of the aged, and I would recommend a similar course to any who has a taste in that direction.

C. D. Fox
Rock county, Wis.

Moving Big Trees.

To the Editor of The Homestead:

I read the article of Mr. Brown of Polk county, Iowa, in a recent issue of your paper with great interest. This article is headed, "Transplanting Large Trees." Mr. Brown is eminently correct in his directions for this work and evidently knows what he is talking about. I have considerable experience in transplanting and transplanting trees and therefore take the liberty to supplement Mr.

Brown's article. Small trees grow easier than larger ones and the only reason for planting the latter kind is to have the benefit of their shelter sooner. Now this is not always the result unless the trees are properly watered and the most perfect way to do this is to dig a post hole something like two or three feet from the tree just planted, then insert three or four inch tile, collar up, such as are used for culverts on roads. Put the tile down full length and fill with water as often as necessary in the judgment of the tree planter.

A saucer from a common flower pot to fit in the collar of the tile is the most desirable lid to be placed on the tile. The fiber roots will in this way make rapidly for the bottom of the tile and the most astonishing growth of the tree may be witnessed. Well-rotted manure around the tree in a circle from four to five feet during the winter will enrich the ground and stimulate the growth, but care should be taken not to let the manure come solid against the tree; some forest trees cannot stand it while it might not hurt others. In the growing season the manure should be removed and if a mulch is wanted wheat chaff or leaves are preferable. The next thing is the trimming of the tree top. Not only will this give more vigor to the root system, but the tree can in that way be shaped to suit the taste of the owner or to fill the proper place in a park, etc. The trimming of a large tree when transplanting can hardly be too severe.

Wm. Ernst.

While we are talking about advertising we want to have our readers turn to page 5 and see what the Litchfield Manufacturing Company have to say on this subject this week.



GLOBE TANNING & MFG. CO.

222 S. E. 1st St. Des Moines, Ia.

WE ARE TANNERS of all kinds of hides, both with hair on and off. MAKE COATS AND ROBES. Send us your cattle and horse hides. Write for shipping tags and booklet.

Jacob Bayer and J. A. Smith, Props.

WANTED---YOUNG MEN

IN the country to become interested in our business and furnish us names of residents in their districts; we work up the business, you share the profits with us; no experience necessary on your part. If you want a good thing and mean business, write us before your territory is taken. Chicago Standard Mercantile Co., 524 Dearborn St., Chicago, Ill.

HIDES Beef Hides 10 1-2c., Calf Skins 11 1-2c., Horse Hides \$3.50, Tallow 6c., Beeswax 29c. WOOL 25 cts.. We pay HIGHEST PRICES FOR FURS. Send for price list and shipping tags. Address THE ADAMS SEED CO., Decorah, Iowa

THE IMMUNE HOG

HAS come to stay. He is Cholera Proof for life. We immunize all kinds. \$10.00 approved guarantee. Book free. ROBERT RIDGWAY, Box 604, Amboy, Ind.

FOR SALE.

30 IOWA AUTOMATIC gates, 15 1-2 feet wide, \$4.75 each, barb wire top, woven wire bottom. We also make Musgrave Wire Stretcher and Farm Scales. MUSGRAVE FENCE CO., Des Moines, Iowa

Dressing & Packing Poultry for Shipment.

In the poultry industry, as in every other, attractive marketing is an important feature, and one too often overlooked. Many of the products marketed by the farmer do not realize high prices owing to a lack of proper packing, or because some special requirement of the consumer is not complied with. The Canadian experiment stations have devoted considerable attention to the poultry industry. Special efforts have been made to learn the requirements of the English market. In a recent report of the Canadian commissioner of agriculture and dairying, the methods of dressing, packing, and shipping poultry for British markets are discussed. Some of the directions for shipping turkeys seem of general application. Among the principal points are the following:

Plucked turkeys are regarded as more salable than unplucked. Fast the birds for twenty-four hours, to empty crop and intestines. The fermentation of food in the crops and intestines will wholly spoil the birds. Give a small quantity of water just before killing. Kill by wringing the neck, and not by knifing or sticking. One dealer says the easiest and best mode of killing is by dislocation of the neck. This manner of killing is generally adopted by the English and continental poulterers. It is done as follows: Grasp the legs of the bird in the left hand and the head of the bird in the right hand, the back of the bird being upward and the crown in the hollow of the hand. Hold the legs of the bird against the left hip and the head against the right thigh or knee. In this position strongly stretch the head, at the same time bending it suddenly backward, so as to dislocate the neck near its junction with the head. The bird is killed instantly, and plucking the feathers must be proceeded with at once. The method of killing turkeys is also recommended. It is as follows: The bird is hung up by the

We Guarantee to Save You \$20 to \$50 on the High Grade DAVIS Cream Separator.

We are the nine Davis Brothers—the cream separator makers you have heard so much about.

We were brought up on a Wisconsin farm where we learned the dairy business practically—from A to Z, every fact and detail of work and care. That was under the old system, the hard, slow, extravagant way.

About 20 years ago we began manufacturing cream separators. We saw the need of better methods and we set ourselves diligently to work to perfect them.

We have made thousands of separators ourselves, and we have examined and tested practically every other good separator made. We have seen our machines at work, some five years, some ten, some fifteen years. Of course we have learned some lessons.

The 1907 Davis results from our twenty years of experiment, our united efforts, our observations—all based on our intimate, practical knowledge of dairy needs and requirements.

Our 1907 model is a beauty. It's an easy runner. You know what that means. Your hired man or son will want to turn it.

It's easy to clean. And it's guaranteed to produce high testing cream so you are sure to get the highest price. Within the last year creamery companies began paying higher prices for cream testing 30% and higher. You are sure to get that with the Davis.

We are able to sell the 1907 Davis under one of the strongest guarantees ever made. Read it in our latest catalog.

Buy from Factory at Factory Prices.

One of the most remarkable things about the Davis is the low price at which it is sold.



DAVIS CREAM SEPARATOR CO., 54-L North Clinton St., Chicago, U.S.A.



B. J. DAVIS AND HIS NINE SONS

We said we would save you \$20 to \$50. Of course we had reference to high grade separators, machines of a capacity to do your work properly, machines that are made of the best materials, by expert mechanics and built on right principles—machines that claim to be in a class with the 1907 Davis—on such machines we can and do guarantee to save you \$20 to \$50 on the price.

Why? Because we sell you direct from the factory at factory prices.

Because there are no wholesalers', jobbers' or state agents' commissions and no travelling men's expenses to pay.

Because we are the actual manufacturers, have our own factory, use our own capital and superintend personally the making of every machine.

Because we are satisfied with a reasonable manufacturer's profit.

You have only to compare prices of the 1907 Davis with other standard separators to prove for yourself the saving we claim.

Is this saving worth while? Paying the higher price to get a separator through jobbers, etc. does not make the separator better. You might as well have that money yourself. You can get no better separator than the new 1907 Davis at any price.

We are ready to talk separators to you. We want to help you decide the question. Our money saving catalog will aid you. Merely send letter or postal saying, "Send me your Money Saving Catalog No. 118 free of charge." It will go to you by return mail. Address,

CUTTER BARGAINS

\$4.95 FOR THIS NEW 1907 CUTTER, complete as shown and all ready to attach to your buggy body. In twenty minutes you can change your buggy into a complete cutter.

\$8.95 FOR THIS NEW 1907 Plano Body CUTTER. Pronounced by everybody who has seen it to be the handsomest square body cutter on the market.

\$15.75 FOR THE FINEST HIGH GRADE 1907 MODEL PORTLAND CUTTER, complete with shafts, ever offered at anywhere near the price, as illustrated.

WE CAN SHIP IN AN HOUR'S NOTICE.

We carry a big stock of all styles, all shown in our latest FREE Cutter Catalogue, which is sent FREE, postpaid, on request. This new catalogue, handsomely printed in colors, tells all about our wonderfully low prices and liberal guarantees, describes everything in cutters, planks and bobbeds, the most interesting Cutter Catalogue ever printed, the greatest cutter offers ever made. Write at once, ask us for the FREE Cutter Catalogue, and have your cutter in time for the first snow.

SEARS, ROEBUCK & CO., CHICAGO.

FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,

Blandinsville, Illinois

EARN \$150 per Month.

DEARABLE man with a rig and \$100 can start a well advertised Tonic Stock Food at \$3.50 per 100 lbs. (about one-third other brands). Every sale makes a regular customer. We want only one man in a neighborhood, so write at once before territory is taken by someone else. Learn of our reliability by inclosing stamped envelope to First National Bank, Elgin, Ill. **TONIC STOCK FOOD CO., Box 4, ELGIN, ILL.**

EAR TAGS ONE CENT EACH.

Brass or aluminum. Specify which you desire. **J. A. MUSSILLON & BRO.,** Springfield, Illinois.

WANTED 10 men in each state to travel, distribute samples of our goods and tack advertising signs. Salary \$80 per month; \$1 per day for expenses. **Scudgers Co., Dept. 3, Jackson Blvd., Chicago.**

CLOVER Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. The Adams Seed Co., Decatur, Iowa.

Telegraphy Taught thoroughly. Typewriting free. Write for catalog. Wichita Tel. College, 291 S. Main St.

legs, the wings being crossed to prevent struggling. Next it is given a sharp blow on the back of the head with a stout piece of wood, which renders it insensible. The knife is then inserted into the roof of the mouth, so as to pierce the brain, cutting it along the entire length. The bird is left hanging by the legs for a few minutes to allow the blood to drain out. Pluck at once, while still warm. Feathers should be left on the neck for about three inches from the head; also a few feathers on the tail and tips of wings. Do not tear the skin in plucking, and do not under any circumstances dip the bird into water. Remove the intestines from the rear. Care must be taken not to break the gall bag. All the rest may be left inside. Tie the wings on the back of the bird. A string, which, however, should not encircle the body, may be used to keep them in place. As soon as the feathers are off, hang the bird up by the feet to cool. Do not lay it down or hang it by the head. The blood should drain toward the head and become coagulated there. One dealer says to lay the birds on their breasts on a setting board, pressing the rumps square, letting the head hang down until the body is set, when the birds will always retain their plump shape. Cleanliness is necessary. The feet and legs of the birds should be clean also. The legs of the dressed birds are often tied up. If the birds are to be displayed in a shop the head should be pushed up under the wing. The birds should be thoroughly cooled (not frozen), and they should be cold through and through before being packed in cases. Pack in any one case only birds of nearly the same weight, graded to within two pounds. In no case should any bird be lighter than the lightest weight or heavier than the heaviest weight marked on the package. Pack the cocks and hens in separate cases. Mark the cases at both ends plainly. Wrap every bird neatly in paper. The head of each bird should be wrapped with a quantity of thick paper, to absorb any blood. Spread a small quantity of wood pulp or dry, clean straw in the bottom of the case. Put paper on the bottom and top of the birds to keep them clean. A small quantity of wood pulp or dry, clean straw may be put on top, directly under the cover. Pack the birds with backs down, with heads at one side. Put from twelve to twenty-four birds in a case. Every case should be packed quite full and close to prevent damage during transit. Do not export any old tough birds. Every bird should show a good, plump, white, broad breast.

Opinions differ in the United States regarding the practice of drawing poultry before marketing. While it is desirable to suit the demands of the market to which shipment is made, the

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following conclusions from recent American experiments are of interest:

Under precisely the same conditions of temperature and humidity, drawn fowls will keep from twenty to thirty days longer than those not drawn. The presence of undigested food and of excrementitious substances in animals which have been killed most certainly favors tainting of the flesh and general decomposition. The viscera are the first parts to show putrescence, and allowing these to remain within the body cannot do otherwise than favor infection of the flesh with bacteria and ptomaines, even if osmosis does not actually carry putrid juices to contiguous tissues. Hunters

know the value of drawing birds as soon as possible after they have been shot, in order to keep them sweet and fresh to prevent their having a strong intestinal flavor.

That the opening the body of an animal and exposing the internal surfaces to the air may have some influence in itself of hastening putrefaction is admitted, but when the process of drawing is properly conducted this secondary objection to its immediate performance may be entirely set aside. Absolute cleanliness should be maintained throughout the operation, and if the entrails are torn and their contents allowed to come in contact with the flesh

of the animal its interior should at once be washed out with clean cold water and afterwards with a solution of common salt and the carcass hung up until thoroughly dry.—(Farmers' Bulletin, Department of Agriculture.)

The Farmer as a Horse Producer.

The mass of horses that supply the great markets and that do the labor of the world are produced, not at great breeding establishments, where every circumstance favorable to development is provided, but upon the farms of the country, under conditions good, bad and indifferent; not by the great breeders of the world, whose lives are wrapped up in this noblest of animals, but by the general farmers, who are primarily grain raisers, and who look upon animals as a means of marketing crops and sustaining fertility; not the product of carefully-bred females and great sires judiciously mated, but of females of every type and of no type, mated often to inferior, part-bred sires, or so mismatched as almost to insure inferiority of progeny. The general farmer will always remain the greatest producer of horses, not only for the reason that "white sheep eat more than black ones," but because the genius of the few really great breeders will always find its field in the production of sires and of phenomenal individuals. Many of these same breeders will

class as farmers, but they are essentially horsemen, and yet who produce horses in large numbers.

The general farmer should succeed better than he does as a horse producer. He would be helped, too, by a better understanding of his advantages and disadvantages, leading to a procedure more in line with his limitations. If a man be not a horseman, with a knowledge of and an eye for nice points, or if his attention be monopolized with other matters, there are two things he can never do, namely, he can never be a successful producer of sires or of their dams, and he can never be a producer of any class of horses that needs from birth up that painstaking and skillful care necessary to the development of track horses of the highest class, or of saddlers and carriage horses. This will always be the exclusive business of horse geniuses; and yet no other class of horses have been so extensively produced by the mass of farmers as a low grade of speed horses. Even yet, when it is hopeless for a part-bred horse to take a race even at a county fair, and when every racer must not only be bred in the purple but developed with the greatest care—even yet, hundreds of farmers are breeding mares of all classes to the nearest trotting stallion in the forlorn hope of getting a record-breaker. True, it is done under the excuse of getting a "carriage horse for the boy," but I know, and so does everybody else, that there is a hidden hope that something may happen; and when the ill-begotten thing is brought out it can go just fast enough to be beaten on the track and to be dangerous on the roads.

This thing has permeated the mass of farmers more than most people realize and is responsible for infinite damage to thousands of horses that should have been produced on a different plan. While the farmer who is not a horseman cannot produce breeders, and should let fast horses alone, he has certain advantages as a horse producer that ought to be recognized, and that ought to shape his course. These advantages are: First, a large amount of cheap feed which puts this feature of the industry on much the same basis as beef production, and leads to the common statement that it costs but little more to grow a horse than to grow a steer, second, abundant range for proper exercise of growing animals, and third, he is himself an extensive user of horse labor. Here is an important matter. The market calls mainly for geldings, and I take it that, broadly speaking, our farm work should be largely done by mares that are fully able also to produce a foal each year. The feasibility of this plan has been abundantly shown by experience.

Farm labor is not so severe, nor so constant as to preclude the use of breeding mares. In fact, the farm horse should be a breeding animal, to fully occupy her time and pay for her maintenance during the long periods of short work and comparative idleness. On a farm of moderate size I like at least one span of geldings that are always ready for any kind of work; but it is expensive to keep a horse a year for what he can do during the working season, and I have found breeding mares entirely satisfactory and far cheaper. Besides, one can afford a surplus of this kind of horse power, which is frequently almost a necessity for a limited time.

I expect to meet with the objection that it is too much trouble to raise foals from working teams, but that matter is generally magnified in men's minds. To be sure many farmers owning both smooth and rough lands may be able to let the mares run idle and do the work with geldings, but it is possible only on cheap lands. Putting it from the other side, the mare that is to devote a year to giving birth to a horse that will go upon the open markets to do the ordinary work of the world—that mare must do something besides all this; she must work, or the horse will cost too much, and farm work is well adapted to her conditions. The farm horse that does a year's work upon the farm and produces a foal has performed no more labor than the horse that works every day in the city, or the cow that has been developed to the point of yielding two or three times as much milk as her calf would need.—[Professor Davenport in Kansas Report.]

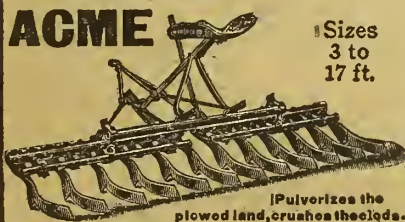
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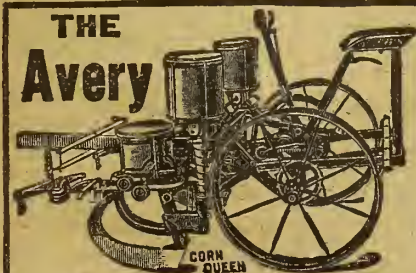
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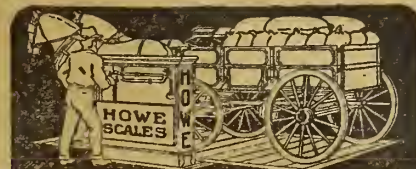
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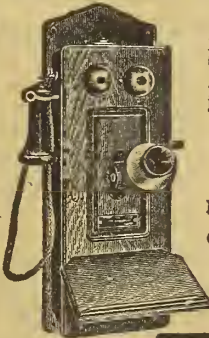
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Windgalls in Horses.

Joints and tendons are furnished with sacs containing a lubricating fluid called synovia. When these sacs are overdistended by reason of an excessive secretion of synovia, they are called windgalls. They form a soft, puffy tumor about the size of a hickory nut; and are most often found in the fore leg, at the upper part of the fetlock joint, between the tendon and the shin bone. When they develop in the hind leg it is not unusual to see them reach the size of a walnut. Occasionally they appear in front of the fetlock on the border of the tendon. The majority of horses are not subject to them after colthood has passed.

Windgalls are often seen in young, overgrown horses, where the body seems to have outgrown the ability of the joints to sustain the weight. In cart and other horses used to hard work, in trotters with excessive knee action, in hurdle racers and hunters, and in most cow-ponies there is a predisposition to windgalls. Street-car horses and others used to start heavy loads on slippery streets are the ones most apt to develop windgalls in the hind legs.

The tumor is more or less firm and tense, when the foot is on the ground, but is soft and compressible when the foot is off the ground. In old horses, windgalls generally develop slowly and cause no inconvenience. If they are caused by excessive tension of the joint the tumor develops rapidly, is tense, hot, and painful, and the animal is ex-

ceedingly lame. The patient stands with the joint flexed, and walks with short steps, the toe only being placed on the ground. When the tumor is large and situated upon the inside of the leg it may be injured by interfering, causing stumbling and inflammation of the sac. Rest generally causes the tumor to diminish in size, only to fill up again after renewed labor. In old cases the tumors are hardened, and may become converted into bone by a deposit of the lime salts.

The large, puffy joints of suckling colts, as a rule, require no treatment; for, as the animal grows older the parts clean up, and, after a time, the swelling entirely disappears.

When the trouble is due to an injury, entire rest is to be secured by the use of slings and a high-heeled shoe. Cold water douches should be used once or twice a day, followed by cold-water bandages, until the fever has subsided and the soreness is largely removed, when a blister is to be applied.

In old windgalls, which cause more or less stiffness, some relief may be had by the use of cold compress bandages, elastic boots, or the red iodid of mercury blisters. Opening the sacs, as recommended by some authors, is of doubtful utility, and should be adopted only by the surgeon capable of treating the wound he has made. Enforced rest until complete recovery is effected should always be insisted upon, since a too early return to work is sure to be followed by relapse.—(Bureau of Animal Industry Report.)

The Date of Farrowing Proposition.

To the Editor of The Homestead:

That we were among the "favored ones" last spring in saving a large percentage of the spring farrow, we attribute solely to "hog luck," for most certainly March furnished no weather conducive to the business. With six sows, three of them yearling gilts, we saved forty-six of a total farrow of fifty-two, and carried this number through the fall feed lot free from disease.

The sows had the run of forty acres of blue grass pasture, with corn and shorts sown twice daily, and were in heavy flesh at farrowing time. The pigs were quite strong and very even litters. The feed was not changed after the sows farrowed, only as to quantity, except for a short time. Just as soon as the youngsters begin eating we arrange a creep for them and feed liberally with milk and shorts sown. This relieves the sows quite materially and at the age of two months the pigs may be weaned, although we always let the mothers attend to that.

We use the individual house with drop door full length at top front, which admits plenty of sunshine and fresh air when the weather permits. We prefer mature breeding stock in preference to breeding gilts for one litter and then fattening them. The mature sows being stronger they produce larger litters and are left as long as they produce profitably and do not develop bad habits.

For bedding I have never found anything as good as shredded fodder, as it does not pack and is a splendid absorbent, but change often whatever is used.

For fall pigs we have sows farrow not later than September 1st and thus get a good growth before winter, and by giving good, warm, dry quarters and extra care we have a fine bunch of feeders for the early grass and get good returns for our work.

As to the best time for the spring farrow, the individual must answer for himself, for his environments should govern him entirely in this matter. Certain it is, unless well provided with good shelter the March and April pigs are failures, generally speaking. For the one litter a year plan, May is the ideal time, but we can't afford (individually) to have our sows loaf so much of the time.

E. S. Sayton.

Coles County, Ill.

Miss Susan Strong, the American operatic singer, has recently started a laundry in London and is meeting with unqualified financial success.

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Benefit of Grafting Trees.

To the Editor of The Homestead:

In many orchards there are particularly good trees of some well-known variety, representing perhaps some very desirable variation from the original type. It would be impossible to obtain more trees of the particular strain by ordering from any nursery. By propagating from the one desirable tree either by budding or grafting is the only method for accomplishing this. Seedlings which are desirable may be reproduced in this way only.

Many trees on account of the unproductiveness or poor quality of fruit are not worth the room they take up in the orchard, and their presence becomes an eyesore to their owner. By top-grafting these trees with wood from some good variety they may be made to produce as much and as well as if the better variety had been planted in the first place.

It often happens that a very desirable variety cannot be grown in a certain locality either on account of the uncongenial soil or root killing from the excessively cold winters. Both these disadvantages may be overcome by planting first some variety which does well in the community and later, top-grafting with the desirable variety.

There are two forms of grafting in general use, top-grafting as mentioned above, and root-grafting. Both are done while the trees are dormant. Root-grafting may be performed at any time during the winter, while top-grafting should be deferred until just before the growth starts in the spring.

Later we will give an outline of the details of both root and top-grafting.

Franklin Brown.

April and May Pigs.

To the Editor of The Homestead:

You ask my opinion as to the proper time for sows to farrow spring litters. I have positive convictions upon this matter. They should not come before April 1st. This applies to pigs grown for the general market, not to breeding stock. It may be all right for the breeder of fine stock, for which he expects to get from fifteen to forty cents per pound for breeding purposes, to breed to have pigs come in February and March and sit up all night with farrowing sows and act as dry nurse to litters of wiggly pigs. But the average farmer won't do it with common stock, and the consequence is that the early litters are largely killed off by inclement weather, and those which pull through until the warm weather of April are apt to be weakly and stunted and in no way equal to litters born a month later. More than 50 per cent of last March pigs were lost from severe weather. From April 1st to May 1st is the proper time.

Edwin Snyder.

Jefferson County, Kan.

Parsons & Stewart Short-horn Sale.

As per announcements in The Homestead, that veteran breeder of Short-horns, Mr. H. D. Parsons, associated with Mr. Andrew Stewart, of Newton, Iowa, held their sale of Short-horn cattle on Tuesday, November 27th. The sale came off according to announcement and a fairly good crowd of breeders assembled. Nebraska was represented, as was Illinois, which helped to swell the Iowa gathering. Col. F. M. Woods was on the block for the first time in some thirty days, having convalesced sufficiently from his recent attack of illness to again be able to work. His many friends congratulated him on again being about. Unfortunately the date of this sale was set too close to the International Stock Show. Unquestionably many people were kept away because of the fact that they could not well spare the time to leave home for this sale and then start immediately for Chicago to attend the International. As was predicted in The Homestead that bargains would likely be in store, this prophecy was realized on sale day. These parties offered a good lot of cattle, richly bred from a Scotch standpoint, yet prices were not paid for this class of cattle that are ordinarily paid. There was not a sufficient number of people on hand who wished good Scotch cattle. The buying was very conservative throughout, and at no time was there any spirited bidding such as has characterized nearly all former sales from this famous Malaka herd of Mr. Parsons. Messrs. Parsons and Stewart acquitted themselves in a very manly way, and while the prices were too low, they repeatedly urged Colonel Woods to sell the cattle at any price that the public would put on them. It is this straightforward manner and method of dealing with the people that inspires confidence in the seller. The demand for bulls was very light, \$262.50 being the highest price paid for a bull, while they sold down as low as \$45 each. Females sold down to \$42.50. While we have not separated the cattle for average purposes, Mr. Stewart's ten head sold at some \$40 above the average of the sale, he not having any bulls listed.

FEMALES.

Loyal Stamford 2d, six years, sire Imp. Royal Don, and c. c., E. R. Silliman, Colo, Iowa\$245

Imp. Queen Bess 32d, five years, sire Count St. Clair, F. A. Edwards, Webster City, Iowa 230
Lovely, one year, sire Nonpareil King, J. F. Clamptett, New Providence, Iowa. 150
Alcatraz 6th, one year, sire Scottish Victor, Flynn Farm Company, Des Moines, Iowa 275
Lady Richmond, seven years, sire Duke of Richmond, and h. c., C. W. McDermott, Wlota, Iowa 160
Golden Rose, three years, sire Golden Fame, Ray Carrier, Newton, Iowa. 150
Lady Fragrance 14th, two years, sire Imp. Matadore, and h. c., G. W. Mitchell, New Providence, Iowa 170
Diamond 33d, two years, sire Imp. Matadore, A. F. Guthrie, Newton, Iowa. 100
Lovely Sunbeam, ten months, sire Scottish Champion, J. L. Reece, New Providence, Iowa 170
Malaka Missie, one year, sire Scottish Champion, M. L. & A. J. Andrews, Melbourne, Iowa 110
Malaka's Choice, one year, sire Nonpareil King, J. F. R. Nash, Minden, Neb. 275
Malaka Mysie, one year, sire Scottish Champion, J. L. Reece 280
Orange Maid, one year, sire Double Victor, A. F. Guthrie 135
Lenton Maid, two years, sire Lord Lenton, E. W. Hardman, Rhodes, Iowa. 130
Susan Lady 3d, one year, sire Scottish Champion, Geo. Hans, Newton, Iowa. 190
Royal Mary 3d, one year, sire Baron Secret, Owens Bros., Homestead, Iowa. 150
Belinda, one year, sire Imp. Nonpareil, J. F. R. Nash 335
Diamond 3d, one year, sire Nonpareil King, Mike Morrissey, Newton, Iowa. 140
Dainty Queen, one year, sire Scottish Champion, Flynn Farm Company. 120
Victoria, three years, sire Victor Baron, and c. c., Flynn Farm Company 100

BULLS.

Malaka's Best, one year, sire Scottish Champion, G. W. Mitchell 190
Red Champion, one year, sire Scottish Champion, L. Chestnut, Geneva, Neb. 262
Scottish Lad, one year, sire Victor Lad, Clarence Johnson, South Dakota. 115
Malaka Clement, three years, sire Victor Baron, R. Schole, Newton, Iowa. 115

SUMMARY.

39 females\$4,882.50; average....\$125.19
11 bulls 1,652.00; average.... 95.68
50 head 5,935.00; average.... 118.70

The Turner's Short-horn Sale.

On November 28th, the day following the Stewart & Parsons sale of Short-horns at Newton, Iowa, Mr. E. S. Turner, of Colfax, sold forty-eight head of cattle in the same pavilion under somewhat discouraging conditions. A goodly per cent of the crowd that had gathered for the Parsons & Stewart sale departed the night after the sale and did not remain over, which mitigated against the attendance at Mr. Turner's sale the following day. Mr. Turner's cattle were purely and solely a business lot of cattle from start to finish. Colonel Woods made a splendid appeal to the breeders present to take hold of such practical, useful cattle and explained that these cattle had never been hawked about, but had been bred and reared largely by Mr. Turner. A beautiful sight was witnessed at the opening of the sale when Mr. Turner drove in about twenty or twenty-five calves that were sold with dams later, all the get of his Scotch herd bull, Red Victor. Low prices seemed inevitable from the first, and yet, when it is considered that a large percentage of the offering were calves only about six or eight months old, which were entered up as catalog lots and sold separately, the general average is not nearly as low as it would at first seem, had the offering all been matured stock. Only two animals sold at \$100 or over, \$100 being paid for the big red cow, Hawthorne's Mazurka 5th and twin heifer calves. Mr. Jas. M. White, of Newton, Iowa, was the sagacious buyer of this rare bargain. The other animal bringing more than \$100 was the splendid herd bull, Red Victor. Colonel Woods paid this price on a mail bid from Mr. M. F. McNutt, of Sheldon, Iowa. Only two bulls were listed in the sale, which was probably a fortunate condition, owing to the crowd, the other bull selling for \$67.50. Forty-five females brought \$2,601.50, an average of \$57.80. The two bulls brought \$267.50, an average of \$133.75. Forty-seven head brought \$2,869, an average of \$61.

Wayne County Short-horn Sale.

Wayne county Short-horn breeders have safely passed the initial stage of sale management. Returns were all that could be expected. A large crowd gathered, some for sight seeing and many substantial farmer breeders, to lend encouragement to this first annual sale. A few consignors may need to correct their estimates. However, next year breeders will respond better. The town should lend better support and provide some sort of sale barn or pavilion. They can well afford to do this for so staunch and industrious a community and one on which they lean for support. It cannot be said that good animals were not appreciated. This fact is encouraging. Colonel Bellows did his best, as usual, and while bidding was not of the most active quality, it was generally felt that prices were in keeping with real merit. The sales list follows:

Lot.	Price.
1. T. Donald, Corydon, Iowa.....	\$252.50
2. W. E. Cutler, Corydon, Iowa.....	120.00
3. D. T. Harris, Mystic, Iowa.....	130.00
4. T. Donald	85.00
5. J. W. Lister, Centerville, Iowa.....	57.50
6. T. Donald	60.00
9. T. A. Churchill, Corydon, Iowa.....	42.50
10. T. Donald	50.00
11. Same	70.00
12-13. J. Rodrock, Cambria, Iowa.....	130.00
14. Guy Donald	72.50
15. Dr. Walker, Corydon, Iowa.....	42.50
16. Chas. Samuelson, Chariton, Iowa.....	45.00
19. Same	40.00
20. C. B. Brennan, Corydon, Iowa.....	40.00
21. B. Niday, Corydon, Iowa.....	40.00
22. C. A. Niday, Corydon, Iowa.....	70.00
23. T. Donald	75.00
25. Same	60.00
35. Same	42.50
41. W. E. Cutler	40.00
42. J. Lang, New York, Iowa.....	62.50
43. Chas. Nelson, Corydon, Iowa.....	42.50

.... BREEDERS' JOINT SALE OF
SHORT-HORN CATTLE

At Brown & Messman's Feed Stable in

MARYSVILLE, KANSAS, TUESDAY, DEC. 18, 1906.

The Contributors being D. G. Sutherland, Clarinda, Iowa; D. P. Richabaugh, Sheridan, Mo.; Geo. McMasters, Bedford, Iowa and F. P. Healy, Bedford, Iowa.

In this offering of 45 head of select cattle are a number of pure Cruickshank and Scotch breeding. The balance are Scotch-topped. There are several pure Scotch hulls suitable to head thoroughbred herds, and a number of deep, rich red hulls with Scotch tops. The cows and heifers are a most excellent lot, a large portion of which are two-year-old heifers bred to Scotch bulls. This offering is worthy the attention of any stockman in northern Kansas and southern Nebraska, who wants to buy some good Short-horns. We would like to mail a catalog to anyone interested. Right now while you think of it write for one. Address,

FRANK P. HEALY, - BEDFORD, IA.

COLS. R. E. EDMONSON, KANSAS CITY; BERT FISHER, NORTON, KAN.; F. E. KINNEY, OKETO, KANSAS, AUCTIONEERS.

A SELECT DRAFT

Hereford Bulls
and Heifers

At Public Sale December 19, 1906

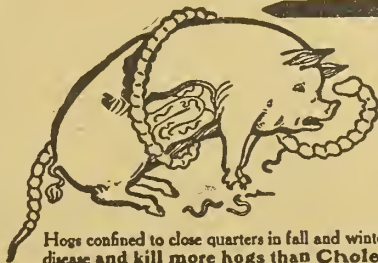
Blue Rapids, Kansas

At Hereford Association Barn

If you want bulls of this breed in carload lots, here is the chance. Thirty-five are offered. Their breeding is first class and they have been grown in such a manner as to insure future usefulness. They are sired by Baccalaureate 81587, Keep On 26th, Imp. Roseberry and Kenswick Brick. These are a particularly strong lot of sires and many are prize winners of note. The sixteen females are sired by the same bulls. They are bred to Onward 18th by the undefeated March On 6th. The best of breeding throughout.

Send for Catalog.

E. R. MORGAN, Prop.



CLEAN OUT THE WORMS!

Hogs confined to close quarters in fall and winter are often troubled with worms. Worms are a forerunner of disease and kill more hogs than Cholera, and are often mistaken for cholera.

PRUSSIAN HOG-WORM POWDERS

are for hog worms only. They remove all worms from hogs. Worms stop Growth. Prussian Hog Worm Powders clean out the worms, strengthen the system, start rapid growth and make hogs thrive. Price 75c per package, 25lb. pails \$4.50 freight paid.

Your Horses, Cattle, Hogs and Sheep should have
PRUSSIAN STOCK FOOD

mixed in their feed. It purifies the blood, aids digestion, sharpens the appetite and puts all the stock in healthy, thriving condition and prevents worms.

Ask dealer about **PRUSSIAN POULTRY FOOD**, it produces more eggs, Cures Cholera Prussian Lice Killer and Lice Powder to kill lice and mites. Prussian Cough and Distemper Cure cures Cough, Distemper, etc.

Write how many stock you have and ask how to get 164 page Manual **FREE**.

PRUSSIAN REMEDY CO., St. Paul, Minn.,

55. T. Donald 52.50
50. Same 62.00

or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents

SEND US THE ADDRESS OF YOUR FRIENDS IN NORTH DAKOTA.

Special rates from North Dakota up to the boundary line to points on the Minneapolis St. Louis R. R. and Iowa Central in Iowa and Illinois, on sale during November and December and good to return until April 15th. Send us your friends address and we will advise them fully. W. K. Adams, D. P. A.; D. B. Ransburg, C. P. A., 512 Walnut St., Des Moines, Iowa.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mt. Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, W. H. Hudson, Lohrville, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 17, August Voigt, Portsmouth, Iowa.
 Jan. 21, J. E. Rowe, Stockham, Neb.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, G. W. Post, York, Neb.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighou, Audubon, Iowa.
 Jan. 23, Frank Land & Son, York, Neb.
 Jan. 23, J. W. Reynolds & Son, Dehance, Ia.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 23, Peek & Putnam, Tecumseh, Neb.
 Jan. 23, Aug. Sonneland, Harlan, Iowa.
 Jan. 24, C. McCarthy, Henderson, Neb.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 24, Paul Groupe, Tecumseh, Neb.
 Jan. 25, E. M. Castle & Son, Joy, Ill.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.
 Jan. 29, Grant Chapin, Green, Kan.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, J. O. Hunt, Maryville, Kan.
 Jan. 30, J. C. Danner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Westou, Iowa.
 Jan. 31, C. E. Pratt, Frankfort, Kan.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Feb. 1, Clarence Beavers, Holmes, Kan.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 2, John Fultz, Marysville, Kan.
 Feb. 4, Roy West, Boudurant, Iowa.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 5, Henry Weber, Friend, Neb.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 6, J. H. Husman, Exeter, Neb.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, J. Stroh, Dewitt, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 11, J. A. Teter, Remington, Ind.
 Feb. 11, Geo. Schwab, Clay Center, Neb.
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.
 Feb. 12, John M. Morrison & Sons, College View, Neb.
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.
 Feb. 13, Ira Jackson, Tippicanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Martis, Polk City, Iowa.
 Feb. 13, Bill East & Son, Clay Center, Neb.
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.
 Feb. 14, Gilbert Van Patten, Sutton, Neb.
 Feb. 14, B. W. Hale, Ladonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Geo. Briggs & Son, Clay Center, Neb.
 Feb. 15, Carl Hausen, Herman, Neb.
 Feb. 15, Mappin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Aukeny, Iowa.
 Feb. 15, Watt & Foust, Cedarville and Xenia, Ohio.
 Feb. 15, A. W. Harris & Son, Morganfield, Ky.
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.
 Feb. 16, B. F. Roberts, Hebron, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, Unitt & Davis, Seward, Neb.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldou & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, S. P. Briggs, Seward, Neb.
 Feb. 21, E. J. Brown, Osceola, Neb.
 Feb. 21, E. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 22, M. A. Williams, Wall Lake, Iowa.
 Feb. 22, O. E. Mickey, Osceola, Neb.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Wm. Sanstead, Holdrege, Neb.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, M. A. Sellers & Son, Huntley, Neb.
 Feb. 26, Geo. C. Biessing, Homer, Neb.
 Feb. 26, W. D. Pittman, Lake City, Iowa.
 Feb. 27, S. J. Tillman, Ragan, Neb.
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.
 Feb. 28, Geo. Karchner, Wilcox, Neb.

GRAND CHAMPION DUROC CIRCUIT.

Jan. 29, G. W. Trone & Sons, Rushville, Ill.
 Jan. 30, M. W. Greer & Sons, Rushville, Ill., at Bushnell, Ill.
 Jan. 31, H. B. Griffiths, Bowen, Ill.
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.
 Feb. 2, Thomas & Hogsett, Golden, Ill.
 Feb. 5, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, Ed A. Baxter, Pawnee, Ill.
 Feb. 6, Fred Kraschel & Son, Macon, Ill.
 Feb. 7, T. W. Stoner & Son, Henry, Ill.

THE ONLY WAY DUROC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schreyberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 Mar. 1, C. C. Warren, Wilcox, Neb.
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

O. I. C. HOGS.

Jan. 18, J. L. Barber, Harlan, Iowa.
 Feb. 6, 7, O. L. Kerr Est., Independence, Mo.
 Dec. 19, B. R. Butcher, Coggon, Iowa.

BERKSHIRES.

Dec. 19, Weber & Apperson, Tecumseh, Neb.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Dec. 7, H. S. Duncan & Sons, Clearfield, Iowa.
 Dec. 11, O. M. Healy, Bedford, Iowa, sale at Omaha, Neb.
 Jan. 14, W. J. McLean, Rock Valley, Iowa.
 Dec. 12, Combination sale at Holdrege, Neb.
 W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 12, J. W. Ilanua & A. Robertson, Garfield, Iowa.
 Dec. 12, David City, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
 Dec. 14, Dr. Chas. L. Marston, Mason City, Iowa.
 Dec. 15, Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, A. H. Brett, Mason City, Iowa.
 Dec. 18, Joint Breeders' Sale, Marysville, Kan., F. P. Healy, Mgr.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Dec. 19, C. A. Saunders, Manila, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Dec. 20, D. J. Cronin, O'Neill, Neb., sale at Spencer, Neb.
 Jan. 16, Geo. Bonewell & Jas. Duffus, Grinnell, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Feb. 7, A. B. Garrison, Beattie, Kan.
 Feb. 20, J. M. & J. C. Robison, Towanda, Kan.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 March 14, A. Carrier & Son, Newton, Iowa.
 March 18, W. H. McLaughlin, Sbelby, Iowa.
 Mar. 20, James Stack, Harvard, Neb.
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.
 May 23, Walter Teel, Rushville, Ill.

ABERDEEN ANGUS.

Dec. 12, C. M. Hartsook, Clinton, Ill., M. A. Judy, Mgr.
 Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosefield & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

HEREFORDS.

Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 Dec. 19, J. G. Von Seggern, Wisner, Neb.
 Jan. 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 Jan. 15, Holt Bros., Laurel, Neb.
 Feb. 1, F. W. Hann, et al., Harlan, Iowa.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 Feb. 21, J. M. & J. C. Robison, Towanda, Kan.
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 June 18, Hood & Baker, Dunlap, Iowa.

SHORT-HORNS AND DUROC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

PERCHERONS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, J. M. & J. C. Robison, Towanda, Kan.

REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.

JACKS AND JENNETS.

Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

PERCHERONS AND CLYDESDALES.

Dec. 18, A. H. Brett, Mason City, Iowa.

THOROUGHbred HOGS AND CATTLE.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

POLAND CHINAS.

Jan. 8, E. H. Andrews, Kearney, Neb.
 Jan. 12, H. C. Dawson & Sons, Endicott, Neb.
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.
 Jan. 25, Geo. Kegenultter, Bennett, Iowa.
 Jan. 31, W. F. Garrett & Sons and Jno. H. Harvey & Son, Maryville, Mo.
 Feb. 2, Bert Fry, Plainfield, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, A. B. Garrison, Beattie, Kan.
 Feb. 6, E. M. Jenkins & Son, Byron, Neb.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 8, T. J. Charles, Republic, Kan.
 Feb. 9, Wm. Ray & Son, Dehance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, H. H. Hess & Son, Surprise, Neb.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 12, Reubel Bros., Rockwell City, Iowa.
 Feb. 13, E. D. Keasay, Wlota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 15, Peter Mouw, Orange City, Iowa.
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, A. C. Lanham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 20, C. W. Phillips, New Sharon, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 22, J. M. & J. C. Robison, Towanda, Kan.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

DEFORMITIES CURED!

ALL PERSONS CRIPPLED OR DEFORMED, LAME OR PARALYZED, SHOULD INVESTIGATE AND SEE WHAT IS BEING ACCOMPLISHED AT THIS INSTITUTION FOR THESE CASES.

CROOKED OR CLUS FEET of any variety, and at any reasonable age, can be made straight, natural and useful. The methods used are mild; no cutting, no plaster paris, no coereve or painful treatment of any kind, and the result is guaranteed.

POTTS DISEASE, when treated in time at this institution, will result in no deformity; paralysis will always be prevented; the health and strength of the patient is at once improved; the growth not interfered with. Plaster paris is never used.

SPINAL CURVATURE, even in long standing cases can be perfectly corrected by the new and improved methods in use here; plaster paris, felt or leather jackets are never employed. Names of patients recently cured, after all ordinary methods and doctors had failed to afford relief, will be furnished on application.

HIP DISEASE can be cured without surgical operations or confining the patient to bed. Abscesses, shortening deformity and loss of motion can always be prevented, and, if already present, can be cured. The methods used here in the cure of Hip Disease in all its stages are radically different and more successful than those generally employed. Write for information.

PARALYSIS AND RESULTING DEFORMITIES. For no class of affections has greater preparation for successful treatment been made. Deformities of the limbs, joints or feet, resulting from Paralysis, can always be corrected without surgical operations or severe treatment. Paralysis should never be neglected; children never outgrow it; it is not incurable.

CROOKED AND DISEASED KNEES, Hips, Hands, Limbs and deformities resulting from Rheumatism are successfully treated without pain.

This is the only thoroughly equipped institution devoted to the cure and correction of deformities. Examination and consultation by mail or in person, free of all charge. References furnished on application. Pamphlets sent on request.

THE L. C. McLAIN ORTHOPEDIC SANITARIUM, 3100 PINE STREET, ST. LOUIS, MO.

Dates Claimed for Live Stock Sales.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

FIELD NOTES.

Mr. J. S. Golder, of Scribner, Neb., is offering some good Percheron mares for sale.
 Mr. Willard Miller, of Anita, Iowa, offers good Shropshire rams and ewes for sale.

Chester White boars are offered for sale by Mr. T. A. Stevenson, of Shannon City, Iowa.
 Four registered Hereford bulls are offered for sale by Mr. V. C. Atwell, of Little Sioux, Iowa.

Fifteen good Chester White boars are offered for sale by Mr. J. M. Janssen, of Sibley, Iowa.

Choice Chester White gilts, bred or open, are offered for sale by Mr. W. R. Webb, of Spencer, Iowa.

On January 17th, Mr. W. H. Hudson, of Lohrville, Iowa, will hold a public sale of Duroc Jersey sows.

Mr. Geo. Allen, of Lexington, Neb., the veteran Shropshire breeder, is offering some excellent rams for sale.

The date of January 15th is named as that on which to hold a Duroc Jersey brood sow sale by Mr. A. L. Bergsten, Mt. Union, Iowa.

Mr. Z. T. Kinsell, of Mt. Airy, Iowa, one of the most noted Hereford breeders in the West, is offering a grand lot of young bulls for sale.

An extra good yearling Duroc Jersey boar, a son of Top Notcher Again, is offered for sale by Messrs. W. M. Sells & Sons, of Indianapolis, Iowa.

Messrs. Peter Hopley & Son, of Lewis, Iowa, are offering a choice lot of Suffolk fillies for sale. Also a few good Percheron, Shire and Belgian stallions.

A few extra good Duroc Jersey boars are offered for sale by Mr. Z. T. Kinsell, of Mt. Airy, Iowa. The best of these will be sold at \$25 if taken soon.

Special prices on Shropshire ewes are offered for thirty days by Mr. D. M. Norton, of Sanborn, Iowa. He will sell a single animal or can furnish a car load.

Mr. W. W. Wheeler, of Harlan, Iowa, is making special prices on his table-backed cows and heifers for the next thirty days. He offers some of his very best for sale.

A public sale of Duroc Jersey brood sows is announced to take place at Corning, Iowa, February 12, 1907, by Messrs. Fred T. Harrison and G. A. Robinson, of Corning, Iowa.

One hundred head of Berkshire pigs of both sexes are offered for sale by Mr. E. H. Dancer, of Lamoni, Iowa. He has sold his farm and must sell his herd of Berkshires.

Mr. W. C. Frazier, of Atlantic, Iowa, in sending in change for his sheep advertisement, found on page 21 of this issue, writes that the ewes he has for sale are a splendid lot.

Mr. Robert Ridgway, of Amboy, Ind., is offering a remedy which immunizes dogs from cholera. His advertisement appears on page 27. We will send book free giving full information.

The Poland China News, of Freeport, Ill., has something to say to Homestead readers in its advertisement which will be found on page 46 of this issue, which will be interesting to all Poland China breeders.

February 14, 1907, is named as the date for Mr. A. W. H. Orr, of Lorimer, Iowa, to hold a public sale of Duroc Jersey brood sows. They will mostly be bred to a son of Proud Advance and a Crimson Wonder pig.

Mr. Geo. H. Lawshe, of Harlan, Iowa, is offering a splendid lot of Chester White boars and sows from his noted prize-winning herd. He will sell sows bred or open as buyers wish. He has the good ones.

Mr. Jesse A. Golder, of Scribner, Neb., advertises ten head of young Percheron stallions, two to four years old, weighing from 1,650 to 2,220 pounds. Also a few good mares at living prices. If you want some good bargains write him or go and see his stock. He will make you prices that will cause you

to buy if you really want a stallion or a mare.

Messrs. Chandler Bros., of Kellerton, Iowa, have one of the leading Shropshire flocks in the West, and are now offering a grand lot of imported and home-bred rams and ewes for sale. If you want the best order of them.

Mr. Thomas Canfield, the Large Yorksbire swine breeder, of Lake Park, Minn., is offering 166 gilts, safe in pig to imported and prize-winning boars, for sale in his new advertisement which appears on page 44 of this issue. He reports that all his boars are sold.

Messrs. Holt Bros., of Laurel, Neb., will make a draft sale of fifty head of Hereford cattle at their farm adjoining town on January 15th. These young breeders have built up one of the finest herds in northeast Nebraska and they are putting a choice lot of cattle in the sale.

Messrs. Blackmer & Nelson, of Albert Lea, Minn., announce on page 37 of this issue of The Homestead that they have a number of yearling Short-horn bulls for sale. These bulls are from a milking herd and all animals will be guaranteed breeders and pedigrees will be furnished.

Mr. C. E. Hallock, of Mt. Hamill, Iowa, has Duroc Jersey pigs which he is offering for sale at poor man's prices. He considers these hogs good enough for the rich man, and has 200 head from which selections can be made. He invites an inspection of his stock. See advertisement on page 37.

Mr. Jas. P. Spearman, of Papillion, Neb., is one of the best young auctioneers in the West, is thoroughly posted on pedigrees and individual merit and gives good satisfaction to those for whom he sells. He has a few open dates and will be glad to hear from breeders who are thinking of making a sale.

Mr. A. F. Graves, of King City, Mo., proprietor of the Lyndale herds of Short-horns and Poland Chinas, writes that he has bought two sons of Lail's Grand Chief, the \$3,000 boar, and the sire of practically all of Mr. Lail's show stuff. Mr. Graves is breeding a fine string of sows for his spring sow sale.

Mr. A. A. Hummer, proprietor of the Pioneer Stock Farm of Chester White swine, of Keswick, Iowa, writes: "I am nearly sold out, having disposed of eighty-six head to date. I have nearly enough orders on hand to take the gilts that are bred." Mr. Hummer's advertisement will be found on page 43 of this issue.

Improved Chester White boars, weighing from 200 to 250 pounds, are quoted at \$15 to \$25 each by Mr. E. J. Trumbauer, of Patterson, Iowa, in his advertisement which appears on page 37 of this issue. Mr. Trumbauer has also bred gilts for sale, and also four yearling sows which he is quoting at \$25 each.

The new advertisement of Mr. Sylvanus Hawthorn, of New Sharon, Iowa, offering Berkshire boars for sale, will be found on page 37 of this issue. He has a few choicely-bred boars he is quoting prices on that he says are good individuals, and they are now ready for service. They weigh from 150 to 165 pounds.

Mr. H. F. Allen, proprietor of the Mulberry Grove herd of Duroc Jersey swine, writes: "My boar trade has been very good and they are well cleaned up. I am very busy mating sows to the two champions, Crimson Wonder Again and Top Notcher Again, for our February 7th sale. Our herd is healthy and doing well."

Mr. A. Latimer Wilson, importer, of Creston, Iowa, writes that ble business has doubled from last year and the demand is for strictly first-class horses. He has had a great trade to firms that will resell the horses to companies in the far West. He will have another importation in January. He writes: "I am still selling your choice of the imported horses at \$1,000." See advertisement on page 41.

Mr. S. G. Collicott, of Lake City, Iowa, one of the well-known Duroc Jersey breeders in that section of the state, writes as follows: "My hogs are doing fine and I expect to put in my January 16th sale as good a hunch as has ever been sold in my section. I am using two as good boars as the breed affords. One of these is S. G.'s Crimson Improver 50101, he by the sweepstakes boar, Crimson Wonder I Am. He is assisted by Waveland's Ohio Chief, a son of the noted World's Fair boar, Ohio Chief. These boars are good individually and their breeding cannot be beat. There will be twenty-five yearling sows and five tried two-year-old sows and ten spring gilts in the sale. These gilts will weigh 250 to 280 pounds now and

they each have a good post under each corner. Tell the boys to mark my sale down as one of the good ones to be held in January."

Messrs. Manlove Bros. or Mr. J. H. Norris, of Bowen, Ill., can be written to for Duroc Jersey spring gilts bred to Illinois Chief, as per advertisement which will be found on page 46 of this issue of The Homestead. Illinois Chief was recently purchased by these gentlemen. They also have a few sows bred to him, and to the noted boar, Hambletonian, which they will sell at a reasonable price.

Messrs. W. L. Addy & Son, of Parnell, Mo., have a change of advertisement on page 47 in which they announce their sale date, at which time they will sell the greatest string of bred sows that have ever gone from the Iowa Banner herd of Duroc Jerseys. Just now they are offering fall males that for breeding are hard to equal. Mr. Addy writes that they have among these some of the finest pigs they have ever raised.

Mr. Frank Kean, breeder of Duroc Jersey swine, of Mt. Pleasant, Iowa, enlarges his advertisement in The Homestead and it will be found on page 37 of this issue. Mr. Kean has now on hand a fine lot of choice males that are ready for service and will be sold low for the next ten days. He proposes to make prices on them that will move them. He is also breeding a bunch of gilts that he will sell at moderate prices and will tell our readers about later on.

In furnishing copy for the new advertisement found on page 40 of this issue, Mr. J. Nissen, of Meservey, Iowa, breeder of Aberdeen Angus cattle, writes that for the next thirty days he will make special prices, on ten bulls and twenty cows and helpers; twelve of the latter have calves at foot. The bulls, calves and some of the helpers are sired by the Pride bull, Baltimore of Glendale 24275, a prize winner and sire of prize winners.

Mr. S. J. Philson, of Harlan, Iowa, is offering Chester White April boars and about fifty gilts and bred sows for sale at farmers' prices in his advertisement which appears on page 43 of this issue. Mr. Philson writes: "I had nineteen sows farrow just 200 pigs last spring and I raised 140 of them. I have about twenty good, lengthy, heavy-boned April boars left, and am breeding about fifty head of sows and gilts to offer for sale. These are bred to three different boars, all good ones, and the best of the blood."

Mr. E. O. Wolcott, of Gilmore City, Iowa, breeder of Poland China hogs, writes: "I am selling boars right along, but still have some extra good ones to put out including my two-year-old boar, King Pilot 107581. Some of my later sales are to Messrs. C. A. Cleal, of Pocahontas county, a fall boar; John Haley, of Pocahontas county, a spring pig; to C. A. Austin, of Humboldt county, a fall boar; to Peter Nave, of Humboldt county, a spring boar; to Matsell Bros., of Stone City, Iowa, a fall boar." See advertisement on page 46.

Mr. B. R. Burt, proprietor of the King B. herd of Chester White swine, of Coggon, Iowa, has decided to hold a public sale. It is to take place December 19th, and at that time he will sell twenty-three choice gilts and ten boars of April farrow. Good railroad connection can be made from Cedar Rapids, Manchester and Anamosa. His farm is one-half mile from town and free accommodation will be given. Mr. Burt's new advertisement appears on page 43 of this issue.

Mr. W. F. Hemmerling, of Dike, Iowa, writes in regard to his prize-winning Chester Whites: "The gilts I am offering for sale are principally sired by W. F.'s Model 12101. They are a very choice lot and making good growth. They will be bred to Modeler 12325, the peerless boar of 1906. Modeler is just simply getting better every day. He carries himself equal to the style of a three-year-old coach horse winning the blue ribbon, and those that are fortunate enough to secure a gilt bred to this matchless boar will be strictly in line for 1907." See advertisement on page 43.

Messrs. Taylor & Jones, importers and breeders of Percheron, Shire, Belgian and Coach horses, of Williamsville, Ill., write: "We have again to report the best trade we ever had. Only a few weeks ago we reported a lot of late sales and now have to report the sale of a high-class imported black Percheron stallion to Mr. John H. Lelneweber, of Mason City, Ill., and a home-bred Shire to Mr. Henry Williams, of Buffalo, Ill., making the fifth stallion sold to Mr. Williams. We have sold three head to Mr. Joe Myers, of Croft, Ill., including a high-class Percheron horse and a prize-winning yearling Shire mare. To Mr. Bogg Scott, of Coleman, Texas, we sold three Percherons, and five of our very best to Messrs. Burrier & Heisel, of Fremont, Iowa, all good, big, weighty, sound draft stallions. A company came here consisting of three men representing ten farmers and bought for their use at Greenfield, Ill., a good Percheron stallion. We have also sold an imported prize-winning Shire mare to Messrs. J. Canaday & Son, of Frankton, Ind., and a very high-class imported Percheron stallion to Mr. W. A. Jones, of Rushville, Ind.; Mr. Henry S.

Bowen, of Witten's Mills, Va., gets a show colt in a very fine black Percheron; Mr. Elwood Riggs, of Shirley, Ind., gets a very choice imported Percheron stallion, and Mr. George Bell, of Illinois, Ill., takes a Percheron stallion. Every one of these horses were sold at our barns and at prices we are making and the quality of stallions we are offering, backed by Taylor & Jones' guarantee, no buyer is leaving without a horse and all are well pleased with their deals." See advertisement on page 41.

Mr. A. L. Mossman, breeder of Duroc Jersey swine, of Radcliffe, Iowa, writes: "I am offering my herd boar, J. Wonder 43861, for sale. He is sired by West Side 23985 and is a litter brother to Crimson Wonder. He is a splendid hog and I have used him now two seasons. I have had good sales and the best of satisfaction has been given. I still have one Ohio Chief male pig for sale. My price is \$125. He is going to make a splendid hog. I am still offering thirty of the kind of hogs that are sure to please." See Mr. Mossman's advertisement which appears on page 48.

Mr. Chester Bloom, breeder of Chester White swine, of Bridgewater, Iowa, in furnishing copy for his advertisement which appears on page 42 of The Homestead, writes: "The twenty head of Chester White boars that I am offering for sale are mostly of May farrow. They weigh from 130 to 180 pounds and I will sell them at \$15 each to close out. The thirteen-months hog will weigh about 300 pounds and is nice enough to head any good herd. I will sell him for \$25. I have as nice a lot of gilts as can be found and will sell them from \$15 to \$20. I also have some good yearling sows for sale."

Mr. W. Z. Swallow, of Wauke, Iowa, Iowa's most noted Poland China breeder, sold eighteen sows and three boars to Mr. Chas. Eastburn, of Yardley, Pa., on last Saturday. Mr. Eastburn had been corresponding with Mr. Swallow for some time and was well pleased to think he had got just what he wanted. Mr. Swallow recently purchased the three-year-old boar, Satisfaction 86253, of Mr. Jas. Stump, of Van Meter, Iowa. He is a son of Guy's Best 86247 out of Ideal Lady by Ideal Butler. He was bred by Mr. Fred Rood, of Clearfield, Iowa, and will weigh 700 pounds in breeding condition. Mr. Swallow expects great things from this cross and next year you will see him out with a fine string of pigs.

Mr. A. E. Lanham, of Battle Creek, Iowa, has recently sold his herd boar, Onward 106601, a son of the great Keep On, to Mr. A. E. Bolton, of Glidden, Iowa, at a good round price. He goes to head Mr. Bolton's herd, and as he is a good breeder Mr. Bolton can expect some excellent results from the good sows he has in the herd. The boar, Onward, was in the second-prize litter at Des Moines in 1904, and he developed into one of the highest boars in that litter. He will weigh close to 700 pounds in condition and breeds a big bone on his pigs. Mr. Lanham is now offering bred sows and gilts for sale, sired by his noted prize-winning boar, L. S. Sunshine, and Onward, to farrow in March and April. He is pricing these very reasonably and is now booking orders.

Mr. J. G. Truman, manager of Trumans' Pioneer Stud Farm, of Bushnell, Ill., writes: "I am in receipt today of a letter from Mrs. R. A. Reynolds, of Dillon, Montana, reporting the safe arrival of the thirteen imported Shire mares and stallions purchased from us by her manager, Mr. George Baker, on the 8th inst. After inspecting them, the day after their arrival, she is highly pleased with the lot as a whole. It is a question whether a load of a strictly high-class young stallions and mares has ever been shipped to Montana. It is very gratifying to us, after having sold the late Mr. R. A. Reynolds all his stallions for the past twenty-five years, to receive this letter from Mrs. Reynolds speaking, as she does, in the very highest terms of the manner we have treated her and her late husband in every transaction during the past quarter of a century. I am pleased to say that our horses are all doing well. The prospects for a good season's business were never better. We hope to see all our old customers and friends at our old location in barn No. 10 at the International Exposition. From present indications, the 1906 International will outdo itself, if such a thing can be done. We have just received our latest catalog from the printers and shall be pleased to mail same to any of

SHIP US YOUR Hides, Fur, Tallow, Pelts, Wool, Ginseng and Seneca. Buy Guns, Traps, Decoy, etc. of us. Write for price list catalogue and shipping tags. Mention this Paper.



WE GIVE more information on Hides, Furs, etc. than any other house in the world and pay Highest Cash Prices day received. NORTHWESTERN FUR & HIDE CO. 210-214 1st St. N.W. MINNEAPOLIS, MINN.



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your readers that will mention they saw our advertisement in your paper." See advertisement on page 42.

Messrs. W. T. Wendt & Son, of Donnellson, Iowa, have a new advertisement on page 37 of this issue of The Homestead. Writing in regard to their Poland Chinas they say: "We have been having a good trade in the last two weeks. We still have ten fine, large, heavy-boned March Poland China boars and twenty-one gilts of March farrow for sale. We will sell them at a cut price if taken by December 15th. They are a large, thrifty lot, not too fat. We have been in the business five years and have never had a man come to see our herd that did not take one or more pigs. We have a report from every hog we sold last year and every one proved to be good and prolific breeders. We can ship on the C., B. & Q., C., R. I. & P. or Northwestern railroads. We have telephone in house. Satisfaction will be guaranteed."

Mr. F. E. Wentz, proprietor of the Edgewood Stock Farm of Chester White swine, Mexico, Mo., in furnishing copy for the advertisement found on page 37, writes: "I am in shape to offer a few good Chester White boars and a lot of handsome gilts for sale to old and new patrons of The Homestead. My pigs are of excellent individual merit with quality, good bone and feet, nice heads with best of backs and are of good makeup. They are mostly sired by a pig that took second at the Missouri State Fair and was one of the first-prize litters. His litter brother took first at the Missouri State Fair, Iowa State Fair and sweepstakes over first-prize pigs at Springfield, Ill., and Sioux City, Iowa. He is a fine specimen and his offspring resemble his individuality. After January 1st this boar will be for sale. The pigs I am selling, both male and female, are priced right. Farmers and breeders alike can use them."

Mr. C. F. Shaffer, of Wellman, Iowa, breeder of fancy recorded Poland China swine and Short-horn cattle, writes: "Trade is brisk, having made sales recently as follows: One male pig to Mr. P. I. Humphrey, of Morrisou, Ill.; male pigs to Messrs. Chas. Schulty and Chris Whitoff, both of Washington, Iowa; male pigs to Messrs. Chas. Sacher, Sam Ramsey and Will Ihrig, all of Wellman, Iowa; one bred gilt to Mr. Pless Skeen, of Canyon City, Texas; one male pig to Mr. James Schulty, of Washington, Iowa; one male pig and one gilt to Mr. P. L. Ayres, of Wellman, Iowa; ten head of very choice gilts to Messrs. Augustine Bros., of Westchester, Iowa, and one male pig to Mr. L. I. Dennis, of Iowa City, Iowa. I have a choice lot of male pigs for sale that have extra heavy, smooth bone, nice black coats of hair, well hammed down to hock, with fine head, ear and nose. These male pigs are sired by my two great herd boars, G. S. Perfection Jr. 89471 and Black Chief 98855. Write for prices and pictures of herd boar, free on application. In Short-horns I have a choice lot of deep, red Short-horn bulls, six to twelve months old, of the low-down, thick, early-maturing kind, sired by my prize Scotch bull, Laurel Knight. I sold the fine ten-months-old bull calf, Buster Knight, to Mr. Fred Radda, of Richmond, Iowa. Mr. Radda expressed himself more than pleased with his purchase. Anyone wishing a young bull should not fail to write me for prices



We are large tanners and have decided to buy HIDES, PELTS, FURS, WOOL AND TALLOW. "DIRECT FROM THE FARMER."

Ship us one hide or a hundred—fair treatment guaranteed all—the smallest shipper and the largest. We pay highest market prices and make prompt remittance. Write for price, tags and reliable information about curing hides, etc. J. S. SMITH & CO., CHICAGO.

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DES MOINES TANNING CO.

Hides Tanned and Mfg. into Coats, Robes, Rugs, Etc. WE GUARANTEE OUR WORK. DES MOINES TANNING CO. Des Moines, Iowa. WRITE FOR FREE BOOKLET NO. 54

and pictures of my great herd bull; free for the asking. I also have 100 head of very choice fall and summer pigs now ready to ship. Anyone desiring to start a young herd can get a number of pigs at a very low figure, quality considered. I can furnish pairs and trios not akin." See Mr. Shaffer's advertisement on page 46.

On December 20th will occur the dispersion sale of Mr. James Burke's Short-horn cattle. There comes a time in the life of every man when he feels that he must lay down the burdens of an active life and take the afternoon of his remaining days more easily. This stage has been reached by that venerable breeder of Short-horn cattle, Mr. James Burke, of Stanwood, Iowa. Mr. Burke has long been in the harness, actively engaged in the pursuits of farming and the breeding of Short-horn cattle, but he has now decided to retire and disperse his entire herd on December 20th, the herd consisting of seven bulls, including his two herd bulls, twenty-nine cows of breeding age, seven yearling heifers and fifteen cows selling with calves at foot. As evidence of what a good cow will do, we mention Leaf Glen, a cow calved March 12, 1897. She has proven one of the best breeding cows on the farm and as is always the case with a great breeding cow, she is also a great milker. She was sired by Bell Duke and possesses the good points requisite to a choice brood cow. Three of her calves have sold for \$385, all bulls. Another good female is St. Patrick's Lady. The same may be said of Louisa Craft 4th and Mary of Cedarvale. Mollie Hall is six years old and is one of the great producers on the farm, but one of the greatest producers is Wave-land Prinula 3d. She is only six years old, but is an exceptional breeder. She was sired by Home Victor. Another great producer and heavy milker is Oxford Belle, a full sister to Oxford of Hillside. It has always been the aim of this wise and veteran breeder to keep the very best bulls obtainable at the head of his herd. Common sense has prevailed in his selection, from the fact that he has always made individual merit the first consideration. While it has always been the aim of Mr. Burke to have well-bred bulls at the head of his herd, individual excellence was the first consideration, and on these common sense lines has he builded the present herd. He has never been possessed of any fads or fancies for other than good, useful Short-horns, and in this particular he has certainly accomplished much. His two present herd bulls, from an individual standpoint, must be rated as high-class bulls, although in breeding neither of them are Scotch, in that sense that is generally accepted as being straight Scotch (which is always a misnomer). The two bulls referred to are Baron Taylor 172837, a Young Mary bull six years old that from the standpoint of individual merit ranks very high with the good bulls of the land. The young bull is Diamond King 234716, also of the same family but sired by the Cruickshank bull, Lavender Lad. We can heartily recommend either of these bulls as being choice individuals, as are the five

SAUNDERS' ANNIVERSARY SALE ANNOUNCEMENT.

It is with pleasure that I offer at public auction, this consignment of pure-bred cattle, showing what can be done in a limited time. This sale almost reaches the ten-year mark, since I first invested in registered Short-horns. I am offering nothing at this time which I do not consider worthy a place in my own herd, and I must confess it is with reluctance that I offer many of these animals to the public. But this being so near the tenth anniversary of my engaging in the business, I feel that I am obliged to part with many favorites, in order to be able to offer this desirable consignment of seventy-one head of choice breeding cattle to my friends and fellow breeders. The reason of my offering seventy-one head will be explained on sale day. I point with pride to the general satisfaction expressed by those who have attended my former sales, and I assure those who attend this sale that they will find this much the best lot of Short-horns ever offered on "The Greeley." I have found the breeding of Short-horn cattle to be the most interesting and profitable part of my farm operations. I am in the business to stay, and it is my ambition to each year be able to offer a better lot of cattle than at former sales, and at the same time establish and maintain a reputation for square and honorable dealing with all my customers. A certified copy of pedigree, bearing seal and signature of the secretary of the American Short-horn Breeders' Association, will be furnished with each animal sold, excepting calves at foot, for which an entry blank, properly filled and eligible to registration, will be furnished. I reserve the right to withdraw any animal cataloged herein, that is not in condition on day of sale, and substitute something equally as well bred. All inquiries answered and facts stated as far as known on day of sale. Free conveyance to and from sale. All trains will be met, and the comfort of those attending looked after. Free entertainment to parties from a distance at Depot Hotel, Park Hotel and Gardner Hotel. Lunch for 1,000 at 11 a. m. Sale to commence immediately thereafter. Terms cash, or if desired, six or twelve months time at 8 per cent interest. Please bring bank reference. Stock will be at owner's risk as soon as bid off, but will be loaded free of charge on either the Chicago, Milwaukee & St. Paul Railway at Manilla, Iowa, or the Chicago & Northwestern or Great Western Railway at Irwin, Iowa. All lovers of good useful cattle are invited to attend this sale. Bids sent to Col. F. M. Woods in my care will be fairly dealt with. For catalogs and information address C. A. Saunders. Sale under cover; no postponement. Farm two and one-half miles southwest of Manilla, Crawford county, Iowa.

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Established 1886,



and now the largest Hide and Fur House in Iowa. Fair dealing has been our winner. Write for Price Lists and Shipping Tags.

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GUARANTEED if you ship us all your Hides, Furs, Pelts, Wool, etc. We pay same day as goods are received. Try us! We must treat you right if we want to keep you as a shipper. Write for price list and tags.

BERMAN BROS., 325 1ST ST. S., MINNEAPOLIS, MINN.

yearling bulls consigned to this sale. Mr. Burke will be pleased to forward his catalog to every reader of this article who applies to him for the same at Stanwood, Iowa. The sale will be held on the farm and the cattle presented in their every-day clothes, free from any pampering that would in any way injure their future welfare.

Mr. Grant Davidson, of Manson, Iowa, the well-known Duroc Jersey breeder and the owner of the Iowa State Fair sweepstakes hoar, Crimson Wonder I Am, writes as follows: "I have a few boars left, sired by 'Crimson Wonder I Am, two of which are hummers. I also have four boars out of American Belle by Iowa Wonder. These are all good, suitable for any herd, while two of them are extra fine. They have the bone, backs, length, color, hams and feet that should be eagerly sought after by every breeder. One of these has the most prominent hams on him of any boar I have ever raised. He is a regular corker. I also have a few boars by Iowa Wonder and out of a daughter of Crimson Wonder I Am. This was a boar litter, there being nine boars and one gilt, all raised. I have sold a couple of show pigs from this litter and have a couple more that are cracking good ones." If any of our readers want hoars, sired by such noted hogs as Mr. Davidson has in his herd, they should write him at once. He will be pleased to furnish you description and price.

Messrs. Bridgford & Nesbitt, breeders of Aberdeen Angus cattle and Poland China swine, of Aledo, Ill., in writing under recent date, say: "We still have some choice March and April hoars for sale at prices that should remove them quickly to persons wanting anything in that line. We are having good inquiries the last two weeks and have sold to the following persons: A boar to Mr. Frank M. Hare, of Rushville, Ill.; a boar to Mr. Howard Irwin, of Palo, Ill.; a gilt to Mr. T. H. Olson, of St. Olaf, Iowa; two boars to Mr. W. E. Callahan, of Kiethsburg, Ill.; a fall boar to Mr. A. R. Tonilson, of She-worth, Ill.; a yearling sow to Mr. E. L. Towne, of Jaunita, Iowa; a boar to Mr. John Swanson, of New Windsor, Ill.; a boar to Mr. Gus Swanson, of North Henderson, Ill.; a boar to Mr. J. E. Shingledecker, of Joy, Ill., and a boar to Mr. Thos. O. Smallen, of Fredericktown, Mo. We wish to say that if any of your readers wish some good stock at reasonable prices we are prepared to furnish some if they give us the opportunity. Write for prices, mentioning The Homestead." Their advertisement appears on page 46 of this issue.

KELLY'S DUROC JERSEY BOARS.

Fifteen good Duroc Jersey boars, sired by Ambition, Keep On 3d, Crimson Orion and Topmost, a son of Tip Top Notcher, are offered for sale by Mr. J. T. Kelly, of Gilmore City, Iowa.

A. B. GARRISON TO SELL POLAND CHINA BRED SOWS.

Mr. A. B. Garrison, of Beattie, Kan., one of the men who has never turned from the big Poland China, providing the quality was not lacking, will on February 6th make a sale of bred sows. The great Prince U. Tell, one of the best of the big kind, is being used freely on the sale stuff and buyers will find this one of the opportunities of the year.

A CAR LOAD OF SHORT-HORNS FOR SALE.

On December 18th, at Humbrey, Neb., Mr. F. E. Terrell, of Montezuma, Iowa, will offer a car load of Short-horn cattle for sale. This offering will consist of choice young cows, heifers and bulls. There will be a choice lot of the latter, some old enough for immediate use, including some prize winners at the New Sharon District Fair. The cattle will be sold off of pasture, but in good thrifty condition for the buyer. See advertisement on page 33.

M. L. AYRES' STALLIONS.

On page 37 of this week's issue we begin the advertisement of that veteran breeder and importer, Mr. M. L. Ayres, of Shenandoah, Iowa. There is not a better horseman in America than this veteran horseman, and he generally has his barns full. This year is no exception to the rule, and the man who wants a Percheron stallion or mare should make a visit to his stables. He has some remarkably good young stallions in his barns this year, blacks, browns and grays—horses that will easily weight a ton when matured, with excellent bone and plenty of style. If there is anything that Mr. Ayres

is interested in it is showing his horses, and if you want a stallion or a mare it will certainly pay you to call and see Mr. M. L. Ayres and his great string of stallions and mares.

A. B. GARRISON TO DISPERSE HIS HERD OF SHORT-HORNS.

Mr. A. B. Garrison, of Beattie, Kan., claims February 11th for a dispersion sale of Short-horns. Mr. Garrison has rented his large farm and will move to his new farm joining the town of Summerfield, Kan., and from this time on will devote his time to the Poland Chinas and the manufacturing of the breeding crate that is meeting with such favor among the hog men.

HUMBERT'S STALLIONS AND MARES.

It is with pleasure that we call our readers' attention to the advertisement of Messrs. L. H. Humbert & Son, of Corning, Iowa. This is one of the best importing firms of Percheron stallions and mares that is to be found in the West, and they never had a better lot of horses than they have now quartered in their barns. They have both Percheron stallions and mares for sale and they will be pleased to have any of our readers call and see them.

BREEDERS' ATTENTION.

Every breeder who intends to hold a sale of thoroughbred stock realizes the importance of having the stock correctly marked. Messrs. J. A. Mussillon, of Springfield, Ill., are offering ear tags for sale at the low price of one cent each. The numbers run from one to 100, and the tags are either brass or aluminum. It is well for breeders to have these tags on hand at once and not be bothered at the last minute with the uncertainty of not having tags on hand. Write at once as per advertisement on page 28 of this issue, kindly mentioning The Homestead.

THE DAVID CITY SHORT-HORN SALE.

The Scotch bulls in the David City Short-horn sale are of such quality that they should command the attention of leading breeders. Goldust, a yearling, calved March 14, 1905, is a bull of wonderful scale, great heart girth and exceedingly smooth in the shoulders. He is also a good hind-quartered bull, a good roan, and is of the Golden Drop family and sired by Morning Flash, a Missie bull whose sire and dam were both bred by Mr. Duthie. He was bred by Mr. A. H. Robertson, of Clark, Mo. U. S. A. was bred by Messrs. Deuby Bros., of Carlinville, Ill., sired by Sinnissippi Scotchman that was bred by Colonel Lowden, and out of Keepsake 4th, bred by Mr. J. F. Prather and sired by Imp. Duke of Hamilton 2d. He is a red and two of his half brothers included in this auction denote emphatically that Sinnissippi Scotchman is a high-class sire. The Cruickshank Orange Blossom hull, Gloster's White Orange, may not be appreciated on account of his color, but he is one of the handsomest youngsters to be found anywhere. He was got by Bapton—Gloster, a hull recently sold in one of Manager McGavock's sales to head the choice herd of Mr. E. J. Hays, of Hampton, Neb., and is out of a Cruickshank Orange Blossom dam by the Orange Blossom hull, Judge Gresham, by Goldfinder. Among the cows and heifers of superior quality we would mention the Scotch ones, Mildred 12th, Sihy of Riverdale, Anoka Strathallan A., Prudence and Gentry's Butterfly, all with calves at foot or in calf to noted sires. Several cows well along in calf to Imp. Highland Champion are included. This bull is considered by many expert judges to be the best red bull imported within recent years. Numerous of the get of Imp. Master Archer, a full brother to Ceremonious Archer, are cataloged from the herd of Mr. Stoker, his owner. Some fifteen yearling and two-year-old heifers are cataloged and those in search of high-class young females with their en-

Purinton Steam Feed Cooker

Quick and Economical.

Oldest and most successful feed cooker on the market. Gets up steam quickly.

Takes Little Fuel and is Absolutely Safe.

Use wood, cobs, coal or anything burnable.

Provided with supply tank for refilling while steam is up, and double jointed cooking pipe which can be put into barrels around boiler without unscruing.

CRESCENT FURNACE & FOUNDRY CO., 604 Madison Street, Des Moines, Iowa.

Free Trial Offer.

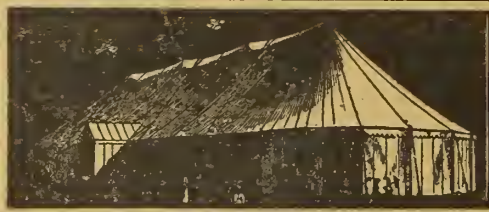
We are so sure of the merits of our cooker that we send it out on

A Week's Free Trial,

without signing of notes or other obligations, to be paid for if it proves satisfactory.

If we hadn't the utmost confidence in our boiler we couldn't afford to do this.

Made in various capacities to suit all requirements. Send for catalogue today.



TENTS TO RENT

FOR STOCK SALES, ETC.

MANUFACTURERS of all canvas goods, also Slickerine, a waterproof dressing for all canvas goods.

Peoria Tent & Awning Co., Peoria, Illinois.

fire lives of usefulness before them, will do well to attend this auction. A full list of the herds represented will be found in the advertisement on page 45. Manager McGavock considers that there are more tops included in this auction than any he has ever made, and a full attendance of the best breeders and stockmen is urged.

A. H. BRETT'S SALE OF SHORT-HORN CATTLE.

As per previous announcement in The Homestead relative to Mr. A. H. Brett's sale of Scotch and Scotch-topped Short-horns, we would for the last time call attention to the fact that this sale will afford a golden opportunity for breeders in northern Iowa to buy some good Scotch Short-horns, as well as a goodly number of Scotch-topped ones. The offering includes some forty-eight head of cattle all told, forty-six of which are females, only two bulls being listed. Of these females, sixteen are Scotch, the remainder Scotch-topped American sorts of the most desirable families. Sixteen calves will be included in the sale. The imported cows and American-bred Scotch cows offered are equal in breeding to anything to be sold this year. Inasmuch as there has been an abundance of rain in the vicinity of Mason City and fall pastures are more abundant there than in any other part of the state, the farmers and stockmen of that particular section will certainly find it to their advantage to attend this sale and secure one or more of the many good Short-horns to be sold on December 18th. For several years past it has been Mr. Brett's custom to make these public sales of Short-horns, at which time he has sold some splendid specimens of the breed. We might mention in this connection that at Mr. Brett's sales some as good bargains as were ever offered have been found. It has not been uncommon for buyers to secure cattle at his sales that were afterwards sold at

double the purchase price. It behooves the wise buyer, who is in search of either straight Scotch or Scotch-topped Short-horns, to keep this sale in mind. The catalog is now ready for distribution and may be had for the asking by addressing Mr. A. H. Brett, Mason City, Iowa, mentioning The Homestead.

VIEWS OF THE ROCKIES.

The Rocky Mountain Views Company, of Denver, Colo., have decided, in order to introduce in American homes the splendid pictures of the scenery in the Rockies, to make an extraordinary effort for this Christmas time. Their advertisement appears on page 6 of this issue, giving full particulars as to their methods of accomplishing this purpose.

TEXAS LAND CHEAP.

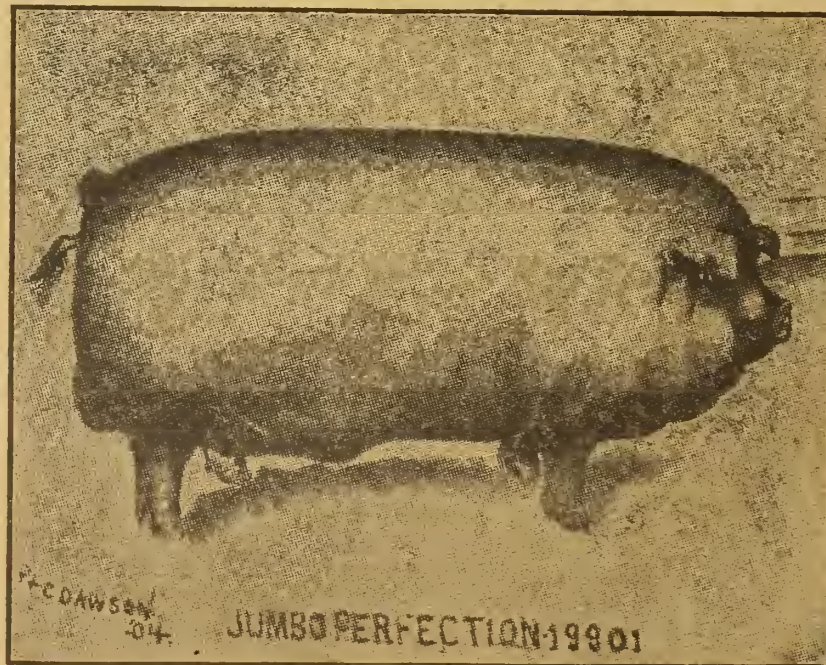
Those who are interested in lands in the Panhandle of Texas should not fail to read Messrs. Boyer & Peterson's advertisement in Lands and Homes department on page 24 of this issue. This firm have a splendid lot of land to offer homeseekers and investors, as the price is lower than is usually asked and it is near railroad, which is a big advantage. Better write them for full particulars.

GOOD TEXAS LAND.

Over a year ago the United States & Mexican Trust Co. purchased 25,600 acres of land in one body in Howard and Borden counties, Texas. These lands were selected by the company and are considered the finest body of unimproved farm lands in the Southwest. Those who are familiar with the purchase and know these lands will be glad to know that they are to be subdivided and sold off in small tracts. We are informed that every acre of this land will produce from three-fourths to one bale of cotton to the acre. The land is also good for wheat, oats, corn, kafir corn, milo maize, garden truck, etc. Fine water can be had anywhere at a depth of from ten to thirty feet. This one item alone is worth many dollars to the homeseeker. We call attention to the trust company's advertisement on page 24.

JOHN LISTER SELLS SHORT-HORNS.

The Hon. John Lister, of Conrad, Iowa, has selected December 20th as the date for his next annual sale of Short-horn cattle. Mr. Lister has been again honored by the people of his district to a seat in the house of representatives of Iowa and given such an endorsement as few men get. Mr. Lister is a republican and was elected on that ticket, the democrats feeling that he was such a strong man that they did not put up any candidate against him. Certainly no man can receive a higher endorsement from the people of his county than this. In order that his cares may be relieved, he has decided to make this sale prior to his going to Des Moines. Hence, on the above date he will sell forty-five head of the best Short-horns that were ever yet offered. There will be twelve bulls in the offering, eight of which are Scotch, and decidedly the best lot that he has ever put on the market. The herd is in charge of Mr. Geo. Pierce, who is certainly doing much to improve their condition and put them in shape for sale day. Mr. Pierce was Mr. Ed Donahay's old herdsman, and also served the late Martin Flynn, Mr. H. D. Parsons and other prominent breeders. Of the Scotch females represented in Mr. Lister's offering are two Victorias, two Orange Blossoms, one Dorothy, one Duchess of Gloster and one out of Imp. Bell of the Archers, one Nonpareil, etc. There are fifteen Scotch females in the sale and fifteen calves will sell with their dams. In other words there is at this time sixty head of cattle in sight that sell at forty-five catalog lots. Mr. Lister is very fortunate in having at the head of his herd two most excellent herd bulls, and both of the same Cruickshank family, the Victoria. We refer to Double Victor, the eight-year-old red bull that is included in the sale, and to Fearless Victor, the other herd bull that Mr. Lister paid \$1,450 for. Perhaps the top of the sale in the females is the beautiful roan heifer, Pleasant Ridge Athene. This is a thick, massive heifer, wonderfully good in the crops and chine, and is possessed of a very smooth, broad, thick-fleshed back. She was sired by Double Victor and is now bred to Fearless Victor. This is a heifer that would command attention wherever shown. She has a fitting stable companion in Pleasant Ridge Gladness, also a daughter of Double Victor. This is a thick, tidy, red heifer that is attractive throughout, and one of the kind that ought to stay in the breeding herd. If these two heifers do not signify that Double Victor is a great sire and that he is entitled to command a long price at this sale, we do not know what it would take to convince one of his good qualities. There will doubtless be



HOME OF JUMBO PERFECTION.

In many instances men have grown prominent in some breed of swine by the purchase of a notable sire or by buying a number of prize-winning sows, but it is the experience of successful men in this business that the man who is a careful student of his respective breed and has the knowledge of proper mating to produce the high-class animal, is the man that is the stayer. Such is the case with Messrs. H. B. Loudon & Son, of Clay Center, Neb. While they have never gone to extremes in their buying, they have produced some of the best animals known to the Duroc Jersey breed. This is the home of Jumbo's Perfection 1901, one of the most noted sires of the breed. He is now coming five years old and yet retains wonderful smoothness for a hog of his size and age. He was twice a winner of first at the Nebraska State Fair and was good enough to be placed third at the St. Louis Exposition. Not only is he a prize-winning sire, but is the sire of many of the best pigs shown at the state fair in the last three years. Messrs. H. B. Loudon & Son will hold their annual brood sow sale February 12th, in which they will close out their entire herd of Short-horn cattle. In this sale will be included daughters of Jumbo's Perfection, Hambletonian and many other noted sires, which will be bred to a son of Tip Top Notcher and a son of Ambition. With this great cross of prize-winning blood on produce, Mr. Geo. Schwab, of Clay Center, will sell on February 11th, and Messrs. Wm. East & Son on February 13th. Remember this circuit and arrange to attend all three sales.

I want DIFFICULT Eye Cases

I WANT every man, woman or child afflicted with diseases of the eye to write to me. No matter who the person is, what their trouble is, or where they live, I wish to convince them that in my Absorption Method there is hope, and you would say so too, if you know of the many, many cases that I have cured after others termed them hopeless. Here is one of the hundreds of cases successfully treated by the



MADISON ABSORPTION METHOD

after others termed it hopeless.

Mrs. F. L. Wintermute, 121 Second St., Jackson, Mich., under date of Oct. 18, 1906, writes: "After having been repeatedly told that there was no cure for my cataracts except an operation, today my eyes are perfect by means of your kufolose home treatment. I have regained my vision in six months."

Now, remember, no matter what your eye trouble may be, even if you are cross-eyed, sit down and write me today describing the case, and I will tell you what to do. I will also send you FREE my 80-page Book, illustrated in colors, which is a classic on diseases of the eye. It will tell you who I am, what I have done and what confidence others place in me. I treat every case personally. My reputation was gained by curing difficult eye affliction

P. C. MADISON, M. D., Suite 308, 80 Dearborn St., CHICAGO.

an opportunity to secure in this fellow a cheap hull on account of his years. However, a reasonable expectancy of four years' service is altogether probable. One crop of calves from this hull would be worth far more money by their increased value than the price this hull is likely to bring. A choicely-bred Victoria will be noted in Victoria 2d, sired by Collyville Victor and out of Victoria of Sunnyside 2d. This is a grand good cow just ready to drop a calf. A fancy heifer is Mina Victoria 2d and belongs to the Campbell famous Mina family. The writer has been familiar with Mr. Lister's offering for several years and at no time does he recall that he has ever placed on the market so good and useful a lot of Short-horns as will be sold in this sale December 20th. The sale will be held on the Lister farm, four miles from Conrad, and applications for catalog should be made to Mr. John Lister, Conrad, Iowa.

PRINE'S BERKSHIRE BOARS.

Those breeders who are looking for good Berkshire boars for immediate service will do well to write or visit Mr. Geo. S. Prine, at Oskaloosa, Iowa. Those who have been in the Berkshire business for some time will remember this herd under the name of Messrs. M. K. Prine & Son. From 1872 to 1900 the firm went under that name, but since the latter date the new firm name has been used. Mr. Prine, the present manager, has always pushed the business and his experience in the show ring and in breeding and growing this breed has made it possible for him to now offer some of the best specimens of the breed to his fellow workers. In this herd will be found much prize-winning stock, from such noted sires as Lord Lee 61133, champion at the 1905 American Royal and one of the famous sons of Lord Premier, which at the age of six years sold for \$1,500, and from his get was chosen 90 per cent of the winners at St. Louis. There is also some of the blood of the famous Masterpiece which sold for \$2,500, in this family. Write to Mr. Prine for more detailed descriptions of his stock. Kindly refer to The Homestead when making such request.

S. J. MILLER'S PERCHERONS, COACHERS AND JACKS.

Mr. S. J. Miller, of Kirksville, Mo., the importer of Percherons and coaches, writes that he has never had an importation of horses do better than has the present importation that are now in his barns. Mr. Miller has had several visitors at the barns who have visited many importers and all have said that they have never seen such an array of coming threes and fours as he brought over this year. Mr. Miller paid particular attention to scale, yet quality was an all important factor in all his purchases. Good colors were also looked after and nearly all are blacks, with a few dark grays. Mr. Miller has never asked high prices for his stallions, preferring to make quick sales and at a reasonable margin of profit. By this policy Mr. Miller has held his elder customers, they in turn have recommended his horses to prospective purchasers and he again this year will continue to sell at live and let live prices. Mr. Miller, while not making a specialty of jacks and jennets, has on hand and for sale some first-class mammoth jacks that must be seen to be appreciated. Among these is one that is pronounced by

competent jack men as one of the best jacks in Missouri. Mr. Miller's advertisement will be found on page 42. He requests that you write him, telling what you want. Pictures of the horses will also be sent on request.

BARBER'S PREMIUM CHESTER WHITES.

Mr. J. L. Barber, of Harlan, Iowa, the well-known Chester White breeder, writes: "Owing to the great rush of orders I am compelled to declare off my sale date on January 18th and instead will sell them all at private sale. Nearly all my boar pigs have been shipped on approval and not a pig has been returned. Inasmuch as I will not hold a sale, I have decided to give the buyers the benefit of the saving incidental thereto, and am now offering forty head of matured brood sows and thirty-five or forty gilts, and they are good ones. These will be bred to Chief Commander and Captain, the latter boar being one of the most noted Chester White boars living. He was first and sweepstakes hog at nearly all the leading state fairs and he is a grand hog in every way. He was reserve champion at St. Louis in 1904. I am also using the splendid boar, Hawkeye Boy, on these sows." Mr. Barber has the hogs and he will ship on approval and we can conscientiously advise any of our readers to send him an order. He will treat you right and you will be pleased with his stock, as he has the very best.

PETER STERLING FOR SALE.

One of the last chances to get a son of Chief Tecumseh 3d is offered by Mr. Thos. F. Miller, of Fullerton, Neb. He now offers to sell Peter Sterling 63535 by Chief Tecumseh 3d, dam Graceful by Grand Look 54435 by Look Out 28901; second dam Pride of Logan by Harding's Free Trade. We doubt if Chief Tecumseh 3d ever sired a better boar or a better breeder than Peter Sterling. As a sire of brood sows he has no

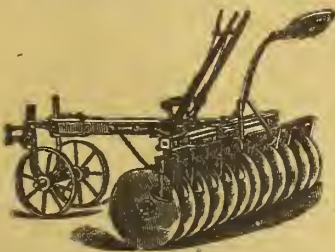
USERS OF DISK HARROWS, TAKE NOTICE.

One of our big advertisers, the American Harrow Company, of Detroit, Michigan, are using our columns earlier this season than ever with announcements advising our readers who wish to be sure of having a disk harrow to use at the season of the year they need it, to place their orders earlier because they cannot guarantee to fill all orders in their rush season.

This company have had a remarkable sale on their tongueless disk harrows, and last spring their books showed that they had to return 1,463 orders for these implements that it was impossible for them to fill on account of their factory not being able to turn out enough harrows to go round.

This phenomenal sale was brought about on account of the merit of their patented tongueless disk harrow, which has many points of advantage over the old-style disk harrows so generally used.

We can easily understand the points of superiority of the tongueless disk harrow over any disk having a tongue. By doing away



with a tongue, and using a forward truck, both horses pull alike at all times, either on straight-away pulls or short turns—the truck doing away with all side thrash and neck weight, which has "bumped up" so many horses just at the season of the year when they are most needed.

To any of our readers who are not familiar with the Detroit Tongueless Disk Harrow, we advise that they write to the American Harrow Company for their catalog and other printed matter, and if they decide to buy one of these harrows, we see a good reason why they should place their order early to be sure of getting their implement just when they need it.

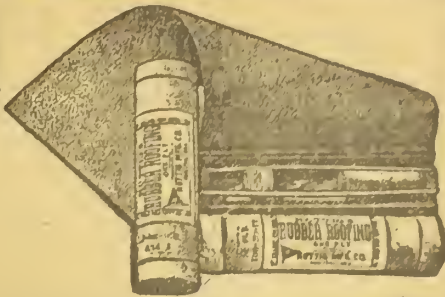
A postal card addressed to the American Harrow Company, Detroit, Michigan, will bring you full information.

superior in the West. He is now six years old, but is in good condition for his age. In condition he will weigh 800 pounds and has a ten-inch hone. As Mr. Miller is going to sell out in January and as he is through with the boar for this season, he therefore decided to sell him and allow some good breeder to get the use out of him yet this year. He makes the low price of \$75 on him if taken at once, and we want to go on record as saying that he is a great bargain to the man that will take care of him. We have known how this boar breeds for a number of years and we can recommend him to any Poland China breeder who wants a good sire of large and big-boned hogs. Write Mr. Miller at once and kindly mention this paper.

G. W. HARRISON'S SHORT-HORN SALE.

On Tuesday, December 18th, at his well-known Meadow Brook Stock Farm, near Washta, Iowa, Mr. G. W. Harrison will make his second annual public sale of Short-horn cattle. He will offer fifty-five head, thirty cows, twenty yearling heifers and five young bulls, many of which are sired by and are bred to the well-known bull, Scottish Knight 136371. Many of the older Short-horn breeders will remember this bull as the chief stock bull at the head of the H. W. Weiss herd a few years ago, when that herd was considered one of the most noted in the United States. He has had few equals as a breeder and many of the young heifers and young bulls that will be sold in this sale will be sired by him, and many of the females will be safe in calf to him. As a special attraction to breeders Mr. Harrison is putting in the great young heifer, Victoria Crown, a daughter of the noted Iowa Agricultural College bull, Imp. Scotland's Crown. Her dam is the noted cow, 20th Linwood Victoria, by Gallahad, and she is one of the greatest cows in Iowa today. This splendid young roan heifer will be well along in calf to Scottish Knight, and she is the kind that the best breeders in the land can afford to own. In fact she will be one of the very

ROOFING THAT WILL LAST.



What the farmer wants for roofing is something that will keep out the water and wind and can be put on easily by himself. After making a series of tests covering a period of several years we have prepared Huttig's Ready Roofing, which we know to be the best quality of roofing ever offered for sale. Our reasons for this are that our roofing is made from the best quality of felt thoroughly saturated with Trinidad asphalt. The treating of this felt with asphalt is what makes the Superior brand of our roofing. Another thing in its favor is that it can be used for the sides of the building as well as the roof, as it keeps out the cold of winter and the heat of summer. When you use Huttig's Rubber Roofing you do not have to repair it every year as is the case with many roofings. There is no wear out to the Huttig brand; it will last for years. Those who have used it find that it is much cheaper than shingles in every way and so easily put on that anyone who can drive a nail can lay his own roof. We have sold great quantities of our roofing to farmers and stock breeders and in many instances they have come back for a second order. We want every reader of this paper to know what Huttig's Rubber Roofing is like and you can find this out by inquiring of your dealer. If he does not carry our roofing just drop us a line and we will send you sample and at the same time tell you all about its different uses. Write to.

Huttig Manufacturing Co., Muscatine, Iowa.
Call for Booklet B.

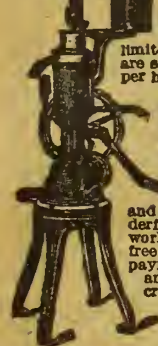
ATTENTION, BOYS!



Would you like to own a knife like that? It would make the other kids' eyes stand out, wouldn't it now? Well! you can have a knife just like it for nothing, no money, not a cent, just a few minutes' work—easy work at that. No woodpile business in this! It's just dead easy. Write us a post card, a letter, any old thing; but give us your full name and address and tell us you want to earn the PRESS BUTTON KNIFE. That's all you need say. We'll send you full particulars as soon as we receive it. It's a cinch you earn the knife the same day you get our letter. Address,

Boys' Department, THE HOMESTEAD, Des Moines, Iowa.

24.95 BUYS THE MODEL K GENUINE ECONOMY HAND CREAM SEPARATOR, 400 POUNDS PER HOUR CAPACITY.



the best Separator made in the world, a regular \$100.00 machine, and offered on 60 days free trial. For a limited time, until our surplus machines are sold, we offer this big 400 pounds per hour capacity new improved Model K Economy Hand Cream Separator, guaranteed to skim closer, skim colder milk, run easier, clean easier and handle better than any other separator made, regardless of name or price, and offered for a free 60 days trial on your own farm. In our Free Cream Separator Catalogue we show large illustrations and complete descriptions of this wonderful Economy Cream Separator, all working parts, full explanation of our free trial plan, our liberal terms and payment conditions; also illustrations and descriptions of our entire line of cream separators, the very best made in the world and sold on our free trial plan at one-third the price charged by others. Don't fail to write to day for our Big Free Special Cream Separator Catalogue, the greatest cream separator book ever printed; full of most valuable information for every farmer; showing why our cream separators are the very best made in the world; why we can make such wonderfully low prices; pictures of our cream separator factories; our \$1,000.00 in gold challenge to every separator manufacturer and our wonderful Profit Sharing Plan, by which you get valuable goods free if you buy from us everything is explained in this Free Separator Catalogue. Every separator is covered by our written binding 20-year guarantee, guaranteed to reach you in perfect condition, freight charges to be very little, and we agree to furnish you repairs in the years to come. Don't wait until next spring and then pay \$75.00 or \$100.00 for an inferior machine. Our offer of only \$24.95 for this genuine Improved Economy Cream Separator, 400 pounds per hour capacity, a regular \$100.00 machine, is good only until our stock is reduced; so don't delay. Write for our Free Cream Separator Catalogue for a complete description of this marvelous separator bargain. Simply write us a letter or a postal card and say, "Send me your Cream Separator Offer," mention this paper, and our very latest Special Cream Separator Catalogue showing everything, the most valuable Cream Separator Book ever published, will be sent to you immediately by return mail, free and postpaid. Don't fail to write for this Cream Separator Offer at once and learn about this big bargain, the highest grade big capacity machine for only \$24.95. Address,

SEARS, ROEBUCK & CO., CHICAGO.

FREE TUITION

Ten weeks to the first student to enter the Southern Minnesota Normal College from any post-office, \$1 a week to all others. Board \$1.75, room rent, 50c per week. Study Teacher's Normal, Business, Shorthand, Law, Music, Art and Common School Branches. Enter at any time. Backward students receive special attention. Don't decide where to go to school until you see our catalog. Address, CHAS. R. BOOSTROM, 962 College St., AUSTIN, MINN.

TYPEWRITER

FOR SALE—Several typewriters as good as new. Bargains for those who come first. Address, Gilmore Co., 303 Locust St., Des Moines, Ia.

choice bargains of the season. He is putting in a good bunch of Scotch-topped Canadian-bred cows, with great broad backs, the thick-fleshed kind, and splendid milkers. The man that buys one of these will never need a nurse cow to raise a calf, as they will do it and do it to perfection. There will be mostly bred to Scottish Knight. There will also be a lot of Scottish Knight heifers in the sale, many of which are out of these Canadian-bred cows. About ten of the cows

will have calf at foot by Scottish Knight and Young Scottish Knight. There will be three or four sons of Scottish Knight in the sale, two of which are straight Scotch bulls. Besides these he will sell a car load of young bulls fit to go on the range or are fit for any farmer's use. Those who want bulls in car load lots will find an excellent bunch in this sale. There are seventeen of these and they range in age from fourteen to eighteen months. Mr. Harrison is putting

up an excellent lot of Short-horns, of the practical debt-paying kind, and as there will be some good bargains in this sale we urge all our readers who are wanting cattle to attend the sale. His catalog is now ready and can be had for the asking. When writing kindly mention The Homestead.

RHEA BROS.' STALLIONS.

With this issue of The Homestead we again begin the advertisement of Messrs. Rhea Bros., of Arlington, Neb. We want to say to our readers that these breeders never had as good a lot of stallions and mares as they have this year. At the Nebraska State Fair they exhibited eleven stallions and won nine prizes, as follows: Second and fourth on four-year-olds; first on three-year-olds; second, third and fourth on two-year-olds, and

Every stallion sold under a positive breeding guarantee. Write or go and see them. Arlington is on the main line of the N. W. R. R., twenty-five miles northwest of Omaha and eight miles east of Fremont.

STAMM PERCHERONS.

The new advertisement of Mr. Nicholas Stamm, of Letts, Iowa, offering Percheron stallions for sale, appears on page 37 of this issue. Mr. Stamm is a breeder who stands at the top among American breeders of Percherons. It is a well-known fact, we are creditably informed, that he owns some of the best mares in the United States, and no one is better qualified or better equipped to breed and grow good draft horses than Mr. Stamm. His breeding stock has always been selected with great care, being very particular in re-



Improver 192264 and his get, the property of Mr. J. C. Hardman, of Brayton, Iowa, to be sold in the Breeders' Short-horn sale, at Audubon, Iowa, Thursday, December 20, 1906.

first, second and third on yearlings. At the Interstate Fair at Sioux City, Iowa, they had seven entries and got five places: Second on four-year-olds; first and third on three-year-olds; second on two-year-olds, and first on yearlings. Their horses are home bred and acclimated, have the size, bone and quality and are raised in pastures, and in consequence will always get the largest per cent of colts. They are not only in position to produce stallions at the lowest possible cost, but they are also in a position to sell a horse that will be satisfactory in every way. They sell them themselves, so can afford and do sell them at reasonable prices.

gards to type, size, quality of bone and action. The present head of his stud is Bannin, an ideal horse from a Percheron standpoint, and a tested sire. His get have been winners at International shows and stallions by him are used at the head of some of the best studs of America. Mr. Stamm breeds horses to sell and is now offering for sale a fine lot of stallions and mares at moderate prices, when quality and breeding are considered. Buyers will find his horses blacks and grays in color, with plenty of bone, and bred right. He has a number of ton mares in the herd and buyers who will take the time to visit him at his home and inspect his stock are assured that they will find nothing but first-class stuff, and we further assure them that Mr. Stamm will treat them courteously and deal with them honestly. We take pleasure in commending him as an upright, honest breeder of high-class Percheron horses and urge our readers who are in the market for a good young stallion or a span of mares, the breeding and ancestry of which can be relied upon, to write Mr. Stamm for prices and full description, stating that they saw his advertisement in The Homestead.

REGISTERED CLYDESDALE AND PERCHERON BROOD MARES FOR SALE.

On December 18th Mr. A. H. Brett, of Mason City, Iowa, will expose at public auction six registered Clydesdale mares of splendid conformation, bone and finish, all in foal to an imported stallion. These mares are royally bred and have come through a lineage of prize winners unequalled. At the same time and place he will sell four registered Percheron mares, all bred to a splendid registered Percheron stallion. These mares are splendid representatives of the breed and will certainly be sought after by the farmers of Iowa and Minnesota. He will also sell one choice Percheron stud colt, as well as one Clydesdale stud colt. This will afford some farmer an opportunity to get for himself first-class draft stallions by buying one of these colts and developing him to suit himself. Usually these stud colts can be purchased very reasonable and when grown to maturity will net for the developer a fine margin of profit. At this particular time there are more farmers and breeders in search of good registered mares of the draft breeds than ever before in the history of the country. The writer is aware of one breeder in Iowa who commissioned an importer to bring over twenty select imported mares for him this season. These mares were purchased and laid down in Iowa at a cost of \$17,000, or nearly \$1,000 per head. The chances are that the mares offered for sale by Mr. Brett, can be purchased for very much less money than the prices above quoted and will in all probability produce equally as good colts. However, the sale should be kept in mind by all who contemplate the purchase of registered mares, and applications for the catalogs of this sale should be made at once to Mr. A. H. Brett, Mason City, Iowa.

SALE OF CHOICE HEREFORDS.

One of the most promising sales of the season for this breed will be held by Mr. E. R. Morgan at Blue Rapids, Kan. The sale date is December 19, 1906, and a comfortable place has been provided at the large association barn at that place. Perhaps the most important feature of the offering is the bulls. Thirty-five of these are offered. Their breeding could not very well be improved upon. Mr. Morgan prides himself on this end of the sale. His bred bulls have always been selected with care. Among this offering of males will be found the get of Baccalaureate 81587, at the head of the herd for six years. He was a product of Messrs. Guggell & Simpson's breeding and his dam is Bangle 3d, one of the best cows in the herd of Mr. Funkhouser, of Indiana. Others of the sires are Keep On 43d 15466, a full brother to Keep On 26th, which holds enviable World's Fair record; also Imp. Roseberry and Imp. Kensington Brick. These sires are a particularly strong lot. They need little eulogy. While those who are desirous of buying in car lots are encouraged to attend, those looking for herd bulls will find something to their taste. Two of the

"I Am Completely Cured"



This is the unanimous declaration of afflicted men who are dismissed by Dr. J. Boyd, Des Moines' Successful Pelvic Physician who permanently cures:

Stricture, Blood Poison, Varicocele, Hydrocele

Also Piles, Fistula, Nervous Decline, Skin Diseases, Sores and Diseases of the Kidneys, Bladder and Prostate.

I Guarantee to Refund Money—No chance to Lose if you do not get Value Received—My patients receive a written agreement that I shall return what they pay me for services if they do not receive a complete, permanent and satisfactory cure, so that the trouble will never return, and my guarantees are secured by a deposit of \$500.00 in the Century Savings Bank of Des Moines.

Consultation Free, Confidential and Invited, Both at Office and by Correspondence. My charges are reasonable and I make terms that enable my patients to conveniently pay me. Do not treat elsewhere until you have investigated my methods and terms. Office hours during week, from 9 a. m. to 8 p. m.; Sundays 10 to 1. Address or call on

J. BOYD, M. D., 505 Locust St., Marquardt Bldg., Cor. Fifth and Locust Streets, Des Moines, Iowa.

WATCH US, ..Boys and Girls..

We're WATCHING lots of your Boy and Girl Friends.
Why not You? With an INITIAL WATCH at that.



YOUR OWN INITIAL ON YOUR OWN WATCH.

No live boy or wide-awake girl will be without one. For an Initial Watch is your very own. No other boy or girl will want to borrow, swap, or steal. It is yours to keep, and

IT COSTS YOU NOT A CENT.

That's the beauty of it. You can get this watch for nothing. Just write us and we'll tell you all about it. But say, we're not guying you. It's a real watch we are talking about, not just a toy—a regular time keeper, and a beauty, too. It comes in two sizes the "Mite" or lady's watch and the regular 16 size boy's or men's time piece.

You've heard of the three kinds of pie the landlady had—"open-face, criss-cross and kivered top, all filled with dried apples"—Well, this is the open-face kind; but it is not filled with dried apples. It has a regular American lever movement, fully guaranteed, with solid nickel back, your own initial on the case, stem wind and stem set, with porcelain dial, polished steel hands, heavy beveled crystal; in fact everything that goes to the making of a first class time piece.

Do you want one? Just say the word and it's yours! Drop us a line, say you want to earn a watch, and send us your full name and address. You'll get a letter by return mail with full particulars and it's a sure thing you'll earn the watch the same day you get that letter. Address,

THE HOMESTEAD,
YOUNG FOLKS' DEPARTMENT, - - - DES MOINES, IOWA.

GASOLINE ENGINE

WITH ELECTRIC IGNITION. Highest Grade Gasoline Engines, All Sizes up to 15-horse Power, at One-half What Others Ask and offered on 60 DAYS' FREE TRIAL.

\$53.45 and up we furnish the highest grade, most efficient, most durable, least liable to get out of order, easiest handled, most reliable, simplest and safest gasoline engine made, fully covered by our binding guarantee.

THE GREATEST POWER IN THE WORLD FOR ALL PURPOSES. free and special Engine Catalogue, sent free on request, we illustrate and describe the greatest variety of vertical and horizontal gasoline engines, outfits, etc., the best and simplest made in the world, all sold on sixty days' free trial, on the most liberal terms and conditions, at the most wonderfully low prices ever heard of. If you can use power, don't fail to write and ask for our free Engine Catalogue today. We will send you a big book, postage paid, of engine information with price offers that will surprise you. Address

SEARS, ROEBUCK & CO., CHICAGO

FIRST \$1 BOX

For 25c.

Send 25c in stamps and we will send you all charges prepaid. One full-sized box of **OX BLOOD TABLETS** for thin people. They cure Rheumatism, Indigestion, Nervousness, A Gravel FLESH Producer. This people gain 10 pounds a month. Pleasant to take. If you are a sufferer or wish to gain flesh, try them. W. A. Henderson Drug Co., 183 18th St. Clarinda, Iowa.



CUT ICE

With the Dorsch Double Row Ice Plow We guarantee it will cut more than 20 men sawing by hand. Cakes are cut uniform of any size and thickness. One man and a horse will cut more ice in a day than the ordinary farmer and dairy man can use. You can cut for others and make the price of our plow in two days' use. Ask for catalogue and introductory prices. **JOHN DORSCH & SONS 216 WELLS ST., MILWAUKEE, WIS**



BOWSER SWEEP MILLS

Different from all others. 4 or 8 horses' Gearing 16 to 7 to 1. Grind Corn with shucks or without. And all small grains including Oats and Wheat. (Also make 7 sizes belt mills.) **E.N.P. Bowser Co., South Bend, Ind.**

VETERINARY COURSE AT HOME.

\$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted; positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. **Ontario Veterinary Correspondence School, London, Can.**

PATENTS
ORWIG & LANE, Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead, **DES MOINES, IA.**

young hulls have already won prizes at the Nebraska State Fair. One is Dale 216522, a March yearling weighing 1,500 and a near relative of Corrector and Boatman. Dauntless 244672 is the other, an August yearling sired by Baccalaureate and dropped by Dream 73648, one of the best breeding cows on the farm. The hulls are from fifteen to twenty-four months old and have been grown in such a manner as to insure future usefulness.

The helpers are mostly two-year-olds and by the same sires as the hulls. Leta 2d 182668, a coming three-year-old and a granddaughter of Beau Brummel, has a bull calf by Onward 18th at foot. All females are bred to Onward 18th, champion, and son of the champion, March On 6th. Onward 18th was first as a yearling at St. Louis and junior champion at the Royal the same year; also champion at Nebraska this fall. If you

are looking for some choice Hereford males or females you can hardly afford to miss this sale. Here is variety, quality and utility. Catalogs will be sent only on application. For advertisement of sale see page 31 and kindly mention this paper when writing to Mr. Morgan.

THE MILLS PERCHERON AND FRENCH DRAFT SALE.

Those who are looking for Percheron and French Draft stallions and mares should be sure to attend the sale of Messrs. J. R. Mills & Son, at their farm, near Perry, Iowa, on Wednesday, December 19th. They are selling eighteen head of registered horses, and six of these are stallions. Besides these are a number of work horses and one pony. They are selling their old stud horse, Narcisse 10976 (4240), and a great many of his get. He was bred by M. Radals, of Souanee, France, and was imported by Mr. M. W. Dunham. He was a prize winner in France in his younger days, and as a breeder has few equals. He is not the largest horse in the world, but he does get a class of colts that always sell, and the eleven head that go into this sale belonging to him will prove his worth as a sire and all that we say about him. There are several yearling and two-year-old stallion colts in this sale sired by Narcisse that are good enough to go anywhere. They have the bone and the quality, are exceptionally toppy and they will please the man that wants a good draft horse. These horses must be seen to be appreciated, and anyone who is looking for a good draft stallion will do well to arrange to be present when the sale takes place. There are some splendid mares in the sale, among which are some good matched teams. One of these will have a colt at side, and all the mares that are old enough will be bred again and are safe in foal. There are some excellent fillies and brood mares in the sale, and were it not for the fact that Mr. Mills is leaving the farm they never would be disposed of. They also sell four head of registered Short-horn cattle, two young bulls and two cows that are safe in calf. Besides these will be seven head of Aberdeen Angus bulls, all eligible to registry, twenty head of cows and heifers, twenty-four head of Short-horn steers and twenty head of Duroc Jersey sows, all old enough to breed. Those who are wanting registered draft stallions or mares should not fail to attend this sale. Write for catalog at once and be kind enough to mention this paper.

THE LAST CALL FOR THE BALDWIN SHORT-HORN SALE.

On Thursday, December 13th, Mr. T. A. Baldwin will sell, at his farm adjoining the town of Emmetsburg, Iowa, a draft of thirty-six head of Short-horn cattle, among which are twenty-nine females and six bulls. This is practically a closing out sale, as he sells everything except a few young heifers. Imp. Primrose 6th, a daughter of the noted Abbotsford 2d, is decidedly the attraction of his sale, and she will be safe in calf to the Scotch bull, Morning View Lad. His imported herd bull, Grand View Chief, will also be sold in this sale. He is a son of the well-known bull, Rustic Chief, and he is a red roan in color and has a very shapely, drooping horn. There will be a couple of good daughters of that famous old show and breeding bull, St. Valentine, in the sale. One of these, Warden Dove 2d, was said to be one of the best heifers in the Geo. Ward sale at Chicago a few years ago, and she is still in her prime and in good condition.

TOO LATE TO CLASSIFY.

W. A. FORSYTHE GREENWOOD, MO.

Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

NICHOLAS STAMM.

Letts, Iowa

ROYAL BELGIAN STALLIONS

THE best and largest collection of imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., Fairfax, Ia.

Poland China Bred Sows and Gilts

FOR SALE.—Sired by great boars and bred to 1's Sunshine, 2d prize boar at Sioux City, and Onward, a son of Keep On, bred for April and May farrow. Write and describe what you want.

A. C. LANHAM, Battle Creek, Iowa

A FEW GOOD PIGS LEFT.

I HAVE for sale two Ohio Chiefs, one Zoo V. Orion and a few other Duroc Jerseys that are good ones.

W. D. PITTMAN, Lake City, Iowa

MILKING SHORT-HORNS.

WE have a number of yearling bulls for sale. We milk all cows and hand raise all calves. All animals guaranteed breeders and pedigrees furnished.

BLACKMER & NELSON, Albert Lea, Minn.

Farm one mile from town.

IMPROVED CHESTER WHITES

BOARS 200 to 250 lbs. at \$15 to \$25 each. Gilts bred or open. Four yearling sows at \$25 each.

E. J. TRUMBAUER, Patterson, Iowa

I HAVE Chester White boars and sows for sale that have the bone and quality to make their first-class and are sired by a State Fair prize winner. For particulars write me. Prices right. P. E. Wentz, Mexico, Mo.

KEAN'S Growthy Durocs—All ages, the best of breeding, extra large bone. Also one yearling and aged male. Frank Kean, Mt. Pleasant, Iowa

There will be several granddaughters of St. Valentine in the sale also. There is not a cow in the sale that has not had a calf within the last twelve months, so buyers may rest assured that when they buy here they are going to get a good, practical breeding animal. Many of the cows will have calf at foot, and everything old enough will be bred and safe in calf. There will be a choice lot of young bulls in the sale, also. Write Mr. T. A. Baldwin, of Emmetsburg, Iowa, for catalog and kindly mention The Homestead.

CRONIN'S SHORT-HORN SALE.

Mr. D. J. Cronin, the veteran Short-horn breeder, of O'Neill, Neb., is making a draft sale at Spencer, Boyd county, Neb., on December 20th, and is putting forward a very creditable lot of cattle. The offering consists of fifteen good select young bulls and twenty-five young cows and heifers. Mr. Cronin is making this sale to reduce his herd and to make a showing of a fair representative bunch from his good herd in this, his neighboring county, where he has many warm friends and good customers. This being his first sale away from home, he assures us that he is putting in some of his very best cattle to show his neighbors on the north that he appreciates their trade and wishes to distribute among them a class of cattle that will do them some good and be a credit to himself as a breeder. People of Boyd county and vicinity will find this a good place to buy good cattle, and when they buy from their neighbor, Mr. Dan Cronin, they will know that they are getting what they buy and that any representations made will be backed up to the letter. Mr. Cronin has built up a reputation for honest dealing, and for selling good cattle. Those who attended his home sales can bear testimony that his sales are always conducted fairly and honestly, every bidder being guaranteed a square deal. Parties attending this sale can feel assured of being treated honestly and courteously. The cattle will not be fat, but in good healthy breeding condition. Some of the best milking strains are represented and this in itself should recommend the cattle to the people of that territory. A good Short-horn cow that will pay her way in milk and butter and produce a calf each year that will sell for more in the fall than four scrub calves, is certainly the cow for the small farmer to keep. Catalogs are now ready and can be had by addressing Mr. Cronin, at O'Neill, Neb.

THE GRAND TRUNK PACIFIC RAILROAD AND WESTERN CANADA.

The railway facilities of western Canada have been taxed to the uttermost in recent years to transfer the surplus grain crop to the eastern markets and the seaboard. The large influx of settlers and the additional area put under crop have added largely to the grain product, and notwithstanding the increased railway facilities that have been placed at the disposal of the public, the question of transportation has proved to be a serious one. It will, therefore, be good news to everyone interested in western Canada to know that an authoritative statement has been given out by Mr. C. M. Hays, president of the Grand Trunk Pacific Railway, that that railway will do its share towards moving the crop of 1907, from Alberta, Saskatchewan and Manitoba to tidewater, and thus assist in removing a serious obstacle which has faced the settler during recent years. Mr. Hays, who has just completed a trip from Portage la Prairie to Edmonton in a prairie schooner, a distance of 735 miles, which was covered in eighteen days, is enthusiastic about the country. This will be gratifying to settlers in the Canadian West, even if Mr. Hays declines to be bound to a time limit with the exactitude of a stopwatch. The Grand Trunk Pacific road will be in a position to take part in the transportation of the crop of 1907, and that will be satisfactory to the settlers in that country when the harvest is garnered. The wheat crop of 1906 in western Canada was about 90,000,000 bushels and, with the increased acreage which is confidently expected to be put under crop next year, it is safely calculated that fully 125,000,000 bushels will be harvested in 1907. The necessity for increased transportation facilities are, therefore, apparent, and the statement made by Mr. Hays will bring encouragement to the farmers of the Canadian West, new and old; a vast new country with an almost illimitable number of homesteads is being opened up.

LAST CALL FOR THE HEALY SOUTH OMAHA SALE.

On Tuesday, December 11th, at South Omaha, is the date set for the all Bates sale of Mr. O. M. Healy, of Bedford, Iowa, and Mr. O. E. Osborn, of Weston, Iowa. It has been a long while since such a well-bred lot of Bates cattle has been offered here in the West, and those who are now looking for the dual-purpose Short-horn will certainly find them in this sale. A perusal of the catalog reveals the cleanest lot of Bates pedigrees that has ever been offered at public auction. The famous Duchess, Wild Eyes, Kirklevingtons and Barringtons are there in goodly numbers, and a cleaner lot of Bates cattle have never been offered here in the West. There are a choice lot of bulls in the sale, including the pure Duke hull, Duke of Wapsie 223370, a 2,200-pound hull and a splendid breeder. Airdrie Duke of Hazlehurst 117846, one of the most noted Bates bulls ever used in the West, and formerly chief herd bull in the Healy herd, is represented in this sale by fourteen head of females. This grand old hull was the sire of the second highest priced cow ever sold in the state of Iowa, and his daughters that are to be sold here are great big cows, with broad backs, good udders and are invariably good milkers. A large proportion of the Healy cattle are with calf or will have calf at foot by Duke of Wapsie. He will be sold in the sale and any breeder who wants a tried and proven Bates hull had better get after him. Mr. O. E. Osborn, of Weston, Iowa, contributes six head to this sale. One of these is a three-year-old herd hull, bred by Messrs. Wornall & Son, of Liberty, Mo., and a fine individual. Two are cows, two are two-year-olds and one a yearling heifer. All are reds and excellent individuals. In Mr. Healy's section of the sale will be three of his excellent young Duke hulls. We are more than glad to direct the attention of our readers to this sale. We have seen a large proportion of the cattle and are glad to say that they are directly in line with all the statements Mr. Healy makes for them. Catalogs are now ready for distribution and may be had by addressing Mr. O. M. Healy, Bedford, Iowa.

ANNUAL SALE OF Short-horn Cattle AT Conrad, Ia., Thurs. Dec. 20, 1906

45 Head of the Best Short-horns Ever Offered.

There will be twelve bulls in the offering, eight of which are Scotch, and decidedly the best lot that I have ever put on the market. Of the Scotch females represented in my offering are two Victorias, two Orange Blossoms, one Dorothy, one Duchess of Gloster and one out of Imp. Bell of the Archers, one Nonpareil, etc. There are fifteen Scotch females in the sale and fifteen calves sell with their dams. In other words there is at this time sixty head of cattle in sight that sell as forty-five catalog lots. I am very fortunate in having at the head of my herd two most excellent herd bulls, and both of the same Cruickshank family, the Victorias. I refer to Double Victor, the eight-year-old red bull that is included in the sale, and to Fearless Victor, the other herd bull that I paid \$1,450 for. Perhaps the top of the sale in the females is the beautiful roan heifer, Pleasant Ridge Athene. She is a thick, massy heifer, wonderfully good in the crops and chine, and is possessed of a very smooth, broad, thick-fleshed back. She was sired by Double Victor and is now bred to Fearless Victor. This is a heifer that would command attention wherever shown. She has a fitting stable companion in Pleasant Ridge Gladness, also a daughter of Double Victor. This is a thick, tidy, red heifer that is attractive throughout, and one of the kind that ought to stay in the breeding herd.

THE HERD IS IN CHARGE OF MR. GEO. PIERCE.

The sale will be held on the Lister farm four miles from Conrad and applications for catalog should be made to

JOHN LISTER, CONRAD, IA.

TOO LATE TO CLASSIFY.

Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on olds. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 yearlings, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



M. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



CHRISTMAS GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable Xmas present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Violin's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make Xmas presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead, NEW SHARON, IOWA.

POLK COUNTY HERD DUROC JERSEY SWINE

50 choice Gilts from the following strains: Proud Orion, Manley Orion, Granddaughters of Proud Advance, Billi K. Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars, a son of Tiptop Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices.

Grand Sow Sale February 4, 1907.

ROY WEST - - - - - BONDURANT, IOWA.

CLOVER LEAF HERD OF DUROC JERSEY SWINE

A CHOICE lot of boars and gilts for sale, most of which are sired by Pine 37903 winner of 2d in class at Minnesota State Fair, 1905. Special price on 20 good boars to close them out. 1 ship no culls and guarantee everything as represented.

CLYDE H. SMITH, R. F. D. 1, Riceville, Mitchell Co., Iowa

IOWA BANNER HERD DUROC JERSEYS.

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. W. L. ADDY & SON, Parnell, Missouri.

HURRY

IF YOU want one of those large Poland China boars or gilts. Address,

W. C. WENDT & SONS,
Ideal Stock Farm,
Route 2, - - - - - Donnellson, Iowa

DUROC JERSEY Pigs Free—Yearling gilts, male pigs, poor man's prices; 200 to select from. C. E. Hallock, R. R. 1, Mt. Hawill, Iowa.

BERKSHIRE BOARS.

A FEW choicely bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs.

SYLVANUS HAWORTH, New Sharon, Iowa

PUBLIC SALE of Chester Whites December 19, 23 brood sows, 10 boars. Good railroad connections. B. R. Burt, Coggon, Iowa.

Grand Dispersion Sale of Short-horn Cattle.

On December 14th, at Mason City, Iowa, will occur the dispersion sale of Short-horn cattle, Scotch and Scotch topped, the property of Messrs. Marston Bros., but under the management of Dr. Chas. Marston. It was decided early in the season by these wide-awake gentlemen to make a draft sale on December 12th, but later Dr. Marston sold the farm on which these cattle were kept; now this dispersion sale is imperative. It will include each and every animal in the sale, among which are a number of splendid Scotch females and several Scotch bulls, including the herd bulls. Imported cows are listed in this offering. We will speak of the bulls first. Conqueror's Best is the chief herd bull and was sired by Imp. Conqueror and out of Imp. Zoe 5th. A richer pedigree could not be penned on paper. Imp. Conqueror belongs to Marr's Upper Mill Missie tribe, and is one of the best-bred Missie bulls living. He is also a sire of many prize winners, while the dam of Conqueror's Best is Imp. Zoe 5th, belonging to Mr. Cruickshank's famous Clipper tribe, the family that Mr. Cruickshank himself said had furnished him more herd bulls than any other family in the herd. In addition to this bull is Lovely's Comus, a straight Scotch bull of the celebrated Lovely family, having for his dam the prize-winning cow, Lovely 30th. She was the undefeated yearling heifer of 1901. Comus' sire was the Scotch bull, Royal Favorite, out of Imp. Corea. The blood lines of this young bull are certainly choice and Comus is giving a good account of himself in development. He is solid red, calved April 1, 1905. Meteor is another splendid red Scotch bull that has been used on the herd with marked success and is also a Missie, but is contributed by Mr. Avery, near Mason City. Mr. Avery purchased this bull in Canada at a long price, and is selling him for no fault only that a change must of necessity be made, as he has a goodly number of Meteor's heifers. The other Scotch bull is Earl of Prairie View. This is a four-year-old bull whose dam was Flora Princess, a choice cow bred by Messrs. Purdy Bros., of Missouri. Among the Scotch females will be included the six-year-old imported cow, Zoe 5th, also her yearling daughter by Scotland's Crown, the bull that stood at the head of the Iowa Agricultural College herd, and was selected in Scotland by Prof. C. F. Curtiss. This beautiful heifer has just been bred to Lovely's Comus. These are not only two of the choicest females in this offering, but the very choicest that will go through a sale ring this winter. The imported cow is also a splendid individual and is well forward in calf to Lovely's Comus. She is a beautiful red and has always been a regular producer. Flora Princess and her two-year-old daughter are two other plums in this sale among the Scotch cattle. From an individual standpoint there is perhaps no better female in the offering than Flora Princess. Andromeda 2d and her heifer are both splendid individuals suitable to grace the pastures of any herd. The older cow is in calf to Conqueror's Best, while her heifer is by this same bull and is one of the choicest young things in the sale. The remainder of the offering are richly Scotch-topped American sorts. Some of them are somewhat thin in condition, due to the fact that they are heavy milkers and have been suckling big calves until a late period. Messrs. Marston Bros. will sell fifty head and Mr. Avery contributes six. Mr. Avery also contributes one registered Shire stallion, four years old, while Messrs. Marston Bros. contribute four Percherons, including one registered Percheron stallion four years old weighing about 1900 pounds. There are two mares, one three and one ten years old, in the sale. This stallion is a dark bay with black points and is broken to work. The ten-year-old mare is black and the three-year-old a dark gray. Certificates of registration will be furnished with each of these horses and delivered on sale day. Every known defect concerning any of these animals will be pointed out on sale day. Inasmuch as this is a dispersion sale, the cream of this herd that has hitherto been priceless is now thrown on the market to the highest bidder. Certainly this sale will afford opportunities that do not present themselves at any draft sale. Some cattle of superior breeding that have cost Messrs. Marston Bros. plenty of money will be sold December 14th without regard to the price. Catalogs can be had by addressing Dr. Chas. L. Marston, Mason City, Iowa.

Last Call for the Short-horn Sale of J. W. Hanna and Andrew Robertson.

On Wednesday, December 12th, at the farm of Mr. J. W. Hanna, six miles south of Garrison and six miles north of Van Horn, will occur the joint sale of Short-horns, consisting of forty-five head, from the well-known herds of the two above named gentlemen. As has been previously stated these cattle are of the useful, prolific, heavy-milking strain. They are the ideal dual-purpose sorts. The principal families represented are the Zelia, Rose of Sharon, Lady Newham, Matilda, Young Mary, Iantha and Fisher's Roan. A goodly number of the last named family are consigned by Mr. Robertson, while the principal part of the Rose of Sharoons comes from Mr. J. W. Hanna's herd. The offering of bulls is unusually large for this season of the year, fourteen of the forty-five head being bulls. A very large number of the bulls are yearlings and sired by such good Scotch bulls as Sittytown Fame, Golden Gem and Scottish King 3d. The last named bull was by Red Knight, he by Pro Barmpton and out of Home Mysie by Home Secret, and he by Spartan's Hero. Scottish King 3d's dam was Scottish Queen by 17th Scottish Lord and traces to Imp. Violet Bud by Barmpton, he being the sire of Imp. Spartan's Hero. Scottish King 3d is the property of Mr. Andrew Robertson, and he is fortunate indeed in having at the head of his herd so good and thick a Scotch bull as this fellow. Sittytown Fame and Golden Gem are owned by Mr. J. W. Hanna and are his two herd bulls. The first named was got by Commodore, he by Imp. Bandmaster, his dam being Clementina Queen 3d by Imp. Master of the Mint. Sittytown Fame's dam was Home Autumn Rose by Home Secret. She belongs to the famous Cruickshank family of Rosemarys, tracing to Imp. Rosemary by Breadalbane. Golden Gem was sired by Goldenrod and out of the Campbell Ury cow, Ury Gem by Village Boy 6th, she out of Imp. Ury Maid by Vermont. Some good hulls used by Mr. Hanna prior

to the above named were Golden Thistle, Scottish Lad, Regulator and other hulls of similar character and breeding. Scotland Lad was by Red Knight and out of Violet Queen by Blocky out of Imp. Violet Glen by Imp. Favorite, tracing to Imp. Violet Bud by Barmpton. Regulator was perhaps one of the best hulls used by Mr. Hanna. This is Regulator 19th got by Regulator, a pure Cruickshank bull got by Double Gloster out of Imp. Princess Royal O. E. F. by the celebrated Field Marshal. We speak of these hulls at length to show to the Short-horn world that these gentlemen have been using as good Scotch hulls as the country afforded, both from the standpoint of pedigree and individual merit. The Waverly Rose Branch of the Rose of Sharon family are represented in Mr. Hanna's herd just as they were in the celebrated Linwood herd of Col. W. A. Harris. In fact, it was through Colonel Harris that these cattle were secured. The best hull ever owned by Mr. Benjamin Whitsitt, at Pre-emption, Ill., was old Waverly, a bull bred by Colonel Harris and out of Waverly Rose. No bull ever did so much for the Prairie Heart herd as did old Waverly. Farmers of central Iowa who are contemplating the purchase of Short-horns this winter will do well to keep this sale in mind, as it doubtless will afford them a splendid opportunity to secure good, practical, everyday Short-horns that will yield a good profit on the investment. Application for catalogs of this sale should be made either to Mr. J. W. Hanna or Mr. Andrew Robertson, at Garrison, Iowa. In doing so, kindly mention The Homestead.

The Audubon Short-horn Sale.

The first annual sale of the Audubon County Short-horn Breeders' Association, under the management of Mr. J. C. Hardman, will be held at Audubon, Iowa, on Thursday, December 20th, the day following the C. A. Saunders sale. Included in this sale will be found some remarkably well-bred cattle, there being about ten or twelve head of straight Scotch cattle in the offering. The bull offering is particularly strong, there being nine head of straight Scotch bulls, and some of these are good enough to head any herd in the West. Mr. Hardman consigns two of these Scotch bulls, one of which is his herd bull, Improver 192264, the other being Roan Victor 2d 265482. The former bull is a son of the noted Golden Drop Victor and had for his dam Imp. Countess of Aberdeen. While not a large bull, he is nevertheless a most excellent breeder and some of the best things in the Hardman herd are sired by him. He is a four-year-old and some man who wants a tried herd bull will get a bargain in him. Roan Victor 2d is a March calf out of a daughter of Canute, and he is one of the best young bulls in the sale. He is a Cruickshank Victoria, is bred in the purple and he bids fair to make a great herd bull if he goes into good hands. He is a roan in color, is a very mellow, thick-fleshed fellow and one that will catch the eye of some good breeder on sale day. Messrs. J. A. Harris & Son, of Atlantic, Iowa, sell a two-year-old bull called Rockford Boy 265449. He is a son of the Harris-bred bull, Linwood, that formerly headed their herd, and his dam is Queen of Beauty 8th by Double Lavender. He is one of those richly-bred Queen of Beauty hulls, is red in color and will easily make a 2,400-pound bull when matured. Mr. W. D. Pratt, of Anita, Iowa, sells two of the best hulls in this sale. Both of these are sired by his well-known Victoria bull, Victoria Prince 3d 172512. One of these is Crabstone Chief 255554 out of Imp. Crabstone Shepherdess, is red in color and is a Miss Ramsden, and we unhesitatingly recommend this bull to any man who is looking for a herd bull. The other is Iowa Chief 251909 out of Petuna C. by Count Amaranth, and his grandam is Imp. Petuna 2d, a second-prize cow at the Banff show in Scotland. Both of these young bulls deserve the attention of our best breeders, and especially those that are looking for good herd bulls. They are half brothers to the bull that sold in the Thurman sale for \$500, and they are just as good as he was. Mr. J. T. Jenkins puts in three well-bred Scotch hulls. One of these is a Mysie, one is a Duchess of Gloster and another is a Dainty Dame. These three bulls are bred in the purple and are good, growthy young hulls. Besides these there will be a number of good Scotch-topped young hulls. One of the best cows that goes into the sale is Mayflower of Pine Grove, bred by Messrs. W. C. Edwards & Co., of Rockland, Ontario. She is a five-year-old and is a daughter of Imp. Scottish Minstrel, one of the best hulls ever used in Canada. She is a large roan cow, a good breeder and will be safe in calf to Improver. He will also have a number of other good Scotch-topped cows in the sale, some of which will have calves at side, or bred to the Scotch bull, Improver. Messrs. Harris & Son will consign eight head of cows and they are all good ones. They are large, broad-backed cows, most excellent milkers and are bred or will have calf at side by their Queen of Beauty bull, Sultan of Sulu, now at the head of the Harris herd. Mr. H. P. Bonneson, of Audubon, Iowa, puts in a splendid bunch of females and these we will speak of in our next issue. The sale is made up of a lot of good cattle and the bull end of it is one of the best that has been made this year. Kindly write Mr. J. C. Hardman, manager, Brayton, Iowa, for catalog and please mention The Homestead when doing so.

A Word to Short-horn Breeders Who Need a Good Bull.

Mr. A. L. Stutzman, of New Sharon, Iowa, has not only been a breeder of good Short-horns for several years, but has been an exhibitor, successfully, too, at the Iowa State Fair. Few breeders of Short-horns have had more choicely-bred Scotch bulls at the head of their herd than has Mr. A. L. Stutzman. Being a thoroughly practical and common sense man, Mr. Stutzman has naturally made a study of the Short-horn business one of the strong features of his life work. At this particular time Mr. Stutzman has twelve hulls from one year to twenty-three months of age now ready to place on the market. A fair portion of these hulls are Scotch; the remainder from three to five Scotch tops. Mr. Stutzman's herd bull, Golfman, is unquestionably one of the thickest-fleshed, mellowest Cruickshank hulls in America, and he is certainly as well bred as any bull living. He was sired by the show bull, Baron

SECOND ANNUAL SALE OF SCOTCH AND SCOTCH TOPPED SHORTHORNS

From the Grand Meadow Brook Herd of
G. W. HARRISON, WASHTA, IOWA.

TUESDAY, DEC. 18, 1906
55 Head Offered For Sale 55

Thirty cows, twenty yearling heifers and five bulls, also a car load of range bulls that will be sold in one lot. The great show heifer, Victoria Crown, a son of the noted bull, Imp. Scotland's Crown, will be one of the great attractions of the sale. The cows are a lot of large table-backed, thick-fleshed kind and are grand, good milkers, with five and six Scotch-tops. Note these pedigrees:

Herd bull, for reference—many of the cows bred to him are the sire of young bulls and heifers in sale.

SCOTTISH KNIGHT 136371.

Got by Imp. Northern Light.....A. Cruickshank
Bessie GirlImp. Craven Knight.....A. Cruickshank
Imp. Bessie Lass.....Banner Bearer.....Wm. Duthie
Red BessGladstoneS. Campbell

VICTORIA CROWN.

Got by Imp. Scotland's Crown.....Wm. Duthie
20th Linwood Victoria.....GalahadW. A. Harris
16th Linwood Victoria.....Golden PirateW. A. Harris
11th Linwood Victoria.....Master of the Rolls.....A. Cruickshank
Victoria 53dViscountA. Cruickshank
Imp. Victoria 51st.....Royal Duke of Gloster.....A. Cruickshank

For catalog of the entire offering, address

G. W. HARRISON, WASHTA, IOWA.
Col. F. M. Woods, Auct.

Please mention HOMESTEAD when writing.

A CAR LOAD OF SHORT-HORNS FOR SALE

On Tuesday, Dec. 18, '06, at Humphrey, Neb.

I will sell a car load of choice, young Short-horn cows, heifers and bulls. There will be a choice lot of young bulls, some old enough for immediate service, and will include some prize winners at the New Sharon (Iowa) District fair. These cattle will be sold off of pasture, but will be in good thrifty condition.

F. E. TERRELL - - - Montezuma, Iowa.

Cruickshank 3d, and he by Imp. Baron Cruickshank, while Golfman's dam was no less than the celebrated cow, Gwendoline 2d, a daughter of Imp. Cupbearer and out of Imp. Gwendoline. She was a show and champion cow; a dairy cow as well; in fact, Gwendoline 2d was held up by our best-informed judges of Short-horns as the ideal Short-horn cow, possessing all the good points and qualities and traits of character that go to make the perfect and ideal general purpose animal. This splendid bull, Golfman, is assisted by Melba's Victor, a son of that famous cow, Imp. Melba. Possibly aside from Golfman, no other hull has ever been used by Mr. Stutzman that is so good individually or that is proving himself such a worthy breeder. Melba's Victor is a solid red bull and is siring red calves right along from roan cows. Of the young hulls offered for sale, six are by Golfman, five by Melba's Victor and one by Viola's Prince. One of the good Scotch hulls is by Golfman and out of Rose 8th of Maine Valley. This fellow is a solid red and is about twenty-three months old. The reason that he is still in the herd at this age is because Mr. Stutzman thought so much of him that he kept him to use some. He being a tried and sure breeder, no risk is run whatever by prospective purchasers. Perhaps the plum of the lot is also a son of Golfman, out of Melba 2d, she being a daughter of Imp. Fearless Archer and Imp. Melba. A full brother to this splendid bull is now at the head of Mr. R. H. Hadley's herd at New Providence, Iowa. This bull is fourteen months old, has a typical Short-horn head and horn, quite close to the ground, very heavy bone and great depth of body, with good rib expansion and in fact is possessed of about all the good qualities that it takes to make up a strictly first-class Short-horn

bull. It is indeed doubtful if Mr. Stutzman has ever had anything better than this fellow to place on the market. Melba 4th also has a splendid son by Golfman, while she herself was by Baron Aylesby, Baron Aylesby was by Prince Royal and out of Imp. Princess Alice. Thus it will be seen that the breeding of these hulls mentioned is about all that could be asked. A splendid rich roan young hull out of Gay Lassie 3d, she by Baron Aylesby, and her dam by Baron Cruickshank 3d, while the third dam was by the celebrated show and breeding bull, Gay Monarch, so long at the head of the herd of J. G. Robbins & Son. This bull is certainly related to as much of the aristocracy in Short-hornedom as one could well wish. This bunch of twelve young hulls are without question the very best that Mr. Stutzman has ever had to offer. They are up for private sale. Kindly mention this paper when writing.

Von Seggern's Hereford Sale.

On Wednesday, December 19th, Mr. J. G. Von Seggern, of Wisner, Neb., will sell at his farm twenty-four head of Hereford cattle. There will be twenty cows and heifers and four bulls. The bulls will range in age from ten to twenty months and two of these are sons of his splendid herd bull, Columbus 25th. Another of these is a grandson of Monarch of Heslod 29th and the other is a son of Monarch of Shadeland 10th. There will be about a dozen granddaughters of the noted Lamplighter in the sale and a few good heifers sired by Columbus 25th. Those who want Hereford cattle should write Mr. Von Seggern for catalog and then go to the sale. Kindly mention The Homestead when writing.

Last Call for the Lakewood Sale of Percheron Stallions and Mares.

This is our last opportunity to call attention to the eighth annual sale of registered Percheron stallions and mares from the Hon. H. G. McMillan's famous Lakewood breeding establishment at Rock Rapids, Iowa. Wednesday and Thursday, December 12th and 13th, are the days set apart for this, the largest event of its kind in history. On this occasion Cols. F. M. Woods, Pat McGuire and Dan Sayre will part ownership with the choicest bunch of young stallions and mares that has ever gone under the auctioneer's hammer in America at one offering. As has been before stated, there are 100 head of horses cataloged in this sale, thirty-two of which are stallions of the choicest breeding and individual merit. At least twenty of these stallions are two and three years old, weighing from 1,750 to 1,950 pounds at the present time. They are just the class that stock companies are selling to the farmers at from \$2,000 to \$3,000 each. It is not expected that these stallions will sell high, as it has never been the experience of Mr. McMillan in his public auctions to receive more than one-half the price for his stallions that the same quality were bringing when put on the market by salesmen. This saving of course will accrue to the wise and sagacious buyer who attends the sale. There are a combination of reasons why this particular sale will afford an unusual opportunity to secure high-class stallions and mares at modest prices. The chief reason is in the fact that there is such an unusual amount of horses thrown on the market to one crowd of buyers. It is generally known among those who attend auction sales, that from forty-five to sixty animals is as many as will usually be taken at good prices by any one gathering of people, and when 33-1-3 per cent more than that are forced on the market to the same crowd, it will be altogether unusual if some rare bargains will not be the order of the day. It will be radically wrong for prospective buyers to stay away from the sale thinking that, because of the high character of these stallions and mares, being either sired by or bred to two of the best Percheron stallions in America, prices may go beyond their reach. While it is true that Mr. McMillan has paid fabulous prices for some of his breeding stock, and particularly his two international prize-winning stallions, Calypso and Olbert, nevertheless he has reared the most of these horses on the Lakewood Farm and is prepared to take whatever prices the public set fit to place on them. As has been the practice in all other Lakewood sales, every animal offered will be sold, if there is a bid made on it. The writer has been present at other Lakewood sales and we speak knowingly when we say that there has never been any protection thrown about any of the animals in the McMillan sale. It is true that the prices have been so low in many instances that it caused the owner to wince somewhat, yet he took his medicine, and thus gained the confidence of the buyers that whatever he offered would be sold if there was a bid made. This sale will be conducted in the same straight-forward manner as will all its successors, as Mr. McMillan is not given to dodging the issue in any way. Among these stallions are some that are capable of standing side by side with other stallions that have sold as high as \$3,000 each and still giving a splendid account of themselves in every way. We have seen stallions at Mr. McMillan's sales sell for \$1,000 or less that were the equal of many others bringing two and three times this sum, coming from other sources. The mares in this lot, which number some sixty-five or more are the choicest band that has ever gathered together for sale purposes. They are largely the get of Calypso and bred to Olbert. The show record of the McMillan stallions in 1905 and 1906 is the greatest ever made by any one breeder or firm. We will conclude this article by producing the show record for 1905-6 at some of the leading state fairs. The catalogs may be had by addressing Mr. H. G. McMillan, Cedar Rapids, Iowa, or Mr. Casb M. Dent, Rock Rapids, Iowa. Show record 1905: Iowa State Fair—First, stallions four years and over (Calypso); no two and three-year-olds shown; first and second, stallion one year; second, stallion colt; first and second, mare four years and over; first and second, mare three years; first and second, mare two years; second and third, mare one year; first, mare foal; first and second, mare over three bred by exhibitor; first and second, mare under three bred by exhibitor; first, sweepstakes stallion showing four of his get (Calypso); first and third, produce of mare; first, grand display bred by exhibitor. Sioux City Interstate Fair—First, stallion four years and over (Calypso); first and second, mare four years and over; first and second, mare three years; first and second, mare two years; first and second, mare one year; second and third, stallion one year; first, stallion foal; second, mare foal; first, sweepstakes stallion showing four of his get (Calypso); first sweepstakes, produce of mare. Minnesota State Fair—First, stallion four years and over (Calypso); first and second, mare four years; second and third, mare three years; first and second, mare two years; first and second, mare one year; third and fifth, stallion one year; first, sweepstakes stallion showing four of his get, open to all draft breeds (Calypso); first, champion mare; first, sweepstakes mare showing two of her produce, open to all draft breeds. American Percheron Society Specials—First, stallion three years; first and third, mare over three years; first and third, mare two years; first and second, mare one year; first and second, best American-bred mare; first, four best mares any age; first, stallion and four mares any age. Show record 1906: Minnesota State Fair—Champion stallion any age (Olbert); champion mare any age; sweepstakes stallion showing four of his get, open to all draft horses (Calypso); sweepstakes mare showing two of her produce, open to all draft breeds; first, stallion four years and over (Olbert); fifth, stallion three years and under four; second, stallion one year and under two; first and fifth, mare three years and under four; first and second, mare two years and under three; second and third, mare one year and under two. American Percheron Society Specials—Champion stallion any age; champion mare any age; reserve champion American-bred stallion; champion American-bred mare; best three mares; champion group of five American-bred animals. Sioux City Interstate Fair—first, stallion four years and over; second, stallion three years and under four; first and

DISPERSION SALE OF SHORT-HORN CATTLE

AT WEST LIBERTY, IOWA, DECEMBER 18, 1906

HERE WILL BE THE OPPORTUNITY TO BUY CHEAP
SCOTCH AND SCOTCH TOPPED SHORT-HORNS.

AS I will sell every Short-horn I own on the above date, numbering 55 catalog lots, there will be offered to breeders of the middle West an opportunity seldom equaled. There is 26 head of Scotch cattle, 29 cows of breeding age, 10 bulls including Imp. Favorite. Five Top Notcher Scotch bulls in this offering. Twenty calves sell with their dams. Instead of the two days' sale contemplated, I have concluded to sell the calves with their dams in this one day sale. Address for catalog,

C. S. BARCLAY, WEST LIBERTY, IOWA

COLS. F. M. WOODS AND R. W. BARCLAY, AUCTIONEERS.

third, stallion two years and under three; second and third, stallion one year and under two; first and third, mare four years and over; first and second, mare three years and under four; first and second, mare two years and under three; second and third, mare one year and under two; sweepstakes stallion showing four of his get; sweepstakes mare showing two of her produce. Iowa State Fair—Sweepstakes stallion showing four of his get (Calypso); first, grand display bred by exhibitor; first, mare over three years bred by exhibitor; first and second, mare under three years bred by exhibitor; second, stallion over three years bred by exhibitor; third, stallion under three years bred by exhibitor; second, four-year-old stallion; third, stallion two years and under three; third, stallion one year and under two; fourth, aged mare; first and third, mare three years and under four; first and second, mare two years and under three; second, mare one year and under two; third, produce of mare. American Percheron Society Specials—Champion stallion (Olbert); champion mare (Iolanthe); champion American-bred mare; champion group of five American-bred animals.

Dispersion of C. S. Barclay's Orchard Farm Herd.

Short-horn breeders throughout the United States will no doubt be surprised to see the announcement of the dispersion sale of Mr. C. S. Barclay's famous Orchard-Farm herd of Scotch and Scotch-topped Short-horn cattle. For more than one-third of a century Mr. C. S. Barclay has been a prominent figure in Short-horn circles and has an acquaintance from coast to coast. It is almost sad to think of the dispersion of this herd at this time when it has arrived at that period when the life work of Mr. Barclay would in the future have counted for much, were conditions such that he could go on with the breeding of Short-horns. A representative of The Homestead who has been familiar with Mr. Barclay's breeding operations for twenty years, has recently inspected the herd to be dispersed. It had been the plan to make a two days' sale of this herd, December 17th and 18th having been the dates claimed, but in order that the sale could be pulled off in one day, Mr. Barclay has dropped the 17th, and has doubled up some twenty calves with their dams, selling them as one lot. This will certainly make the sale a very attractive one. Just half of the entire offering are Scotch cattle, the remainder of the choicest families Scotch topped from two to seven times. The makeup of the offering is as follows: Twenty-nine cows of breeding age, sixteen yearling heifers and ten bulls, including the herd bull, Imp. Favorite. There are five very choice Scotch bulls about one year old or over included in the sale, suitable for herd headers, both from the standpoint of breeding and individual merit. It would seem from the reputation of the Orchard Farm herd and the wide circle of friends and acquaintances of Mr. Barclay, that the mere announcement of this dispersion sale would bring together a very large aggregation of Short-horn breeders, with nothing more said than this announcement. The great Scotch bull, Iowa Champion, that has been doing good service at Orchard Farm, has recently met with an untimely end, caused by a very serious accident that removed him from the herd. This is not only a great loss to Mr. Barclay, but is a serious loss to the Short-horn breed, as

DISPERSION SALE OF SHORT-HORN CATTLE

ON DECEMBER 14TH

WE will disperse our entire herd of Scotch and Scotch Topped Short-horn cattle consisting of 56 head including our two Scotch herd bulls and several other young bulls. A goodly portion of the offering are Scotch cattle; the remainder are Scotch Topped of the most desirable sorts. Some 15 or more calves will sell with their dams. As this is an entire dispersion, it will afford an unusual opportunity to Short-horn cattle breeders of Iowa and Minnesota particularly to secure the plums of our herd at bargain prices.

There will be two four year-old Registered Percheron Stallions, one of them weighing near a ton and an extra fine individual. They are both bays. There will also be two mares, one gray three year-old and one black ten year-old. These are good mares and will undoubtedly go at a bargain.

For catalogs and other information address, Dr. Chas. L. Marston, Mason City, Iowa.

MARSTON BROS., PROPS.,
Mason City, Iowa.

COL. WOODS ASSISTED BY COLS. BARCLAY AND TURNURE, AUCTS.

this bull was one of the best breeding bulls that Mr. Barclay has ever used. It has been a toss up in the mind of the proprietor of Orchard Farm as to whether his most valuable bull lay in Imp. Favorite or Iowa Champion. We trust that in the very near future a complete catalog will be in our hands so that more detailed mention can be

made of the choice lot of cattle to be sold in this dispersion sale. In all probability this sale will afford buyers an opportunity to secure a very cheap lot of richly-bred Short-horn cattle, the foundation of which has cost Mr. Barclay a fortune. Application for catalogs should be made to Mr. C. S. Barclay, West Liberty, Iowa.

FIRST ANNUAL SALE OF THE AUDUBON CO. SHORT-HORN BREEDERS ASSO.

To be held at the Fair Grounds at **Audubon, Ia., Thursday, December 20, 1906.** Imported, Straight Scotch and Scotch Topped Cattle

Drafts from the well known herds of J. A. Harris & Son, Atlantic, Ia.; H. P. Bonneson, Audubon, Ia.; J. C. Hardman & Son, Brayton, Ia.; W. D. Pratt, Anita, Ia.; J. T. Jenkins, Brayton, Ia.

50 HEAD IN SALE—11 Bulls—9 Straight Scotch Bulls

REST COWS AND HEIFERS, SOME OF WHICH ARE PURE SCOTCH. THE SCOTCH TRIBES ARE REPRESENTED BY THE FOLLOWING FAMILIES: MISS RAMSDEN, QUEEN OF BEAUTY, VICTORIA, MYISIE, DUCHESS OF GLOSTER,

Lot 10. Elva Orange.
Red; calved April 5, 1894; bred by Bailey and Cadoux, Anita, Iowa.
Dams. Sires. Breeders.
Got by 16th Duke of Orange 102823....C. C. Platter
Goldie 2d.....Lord Acomb 46457.....Geo. Allen & Son
Goldie Goodness.....Duke of Goodness 26149.....John Bond
Imp. Goldie 18th.....Young Englishman 25228.....W. S. Marr
Lot 6. Prince Mysie 255353.
Red; calved April 15, 1905; bred by J. T. Jenkins.
Dams. Sires. Breeders.
Got by Wilderberg Prince 183214....Albert Harrah
Iowa Mysie 2d.....Canute 106716.....Col. Harris
Mysie of Riverside.....Saxon Knight 110108.....Col. Harris
Mysie Cromwell 3d.....Cromwell 111415.....R. & S. Nicholson
Mysie Cromwell.....Cromwell 111415.....R. & S. Nicholson
Mysie 47th.....Imp. Goldstick 86748.....A. Cruickshank
Mysie 45th.....Imp. Earl of Aberdeen 45992.....A. Cruickshank
Mysie 43d.....Crown P. of Athelstane 2d 16585.....D. Christie
Imp. Mysie 36th.....Scotland's Pride (25100).....A. Cruickshank
Lot 1. Improver 192264.
Dark roan; calved April 9, 1902; bred by Geo. M. Woody, Collins, Iowa;
owned by J. C. Hardman & Son.
Dams. Sires. Breeders.
Got by Golden Drop Victor 149537.....Wm. Duthie
Imp. Countess of Aberdeen.....Centaur 151724.....A. Leslie

MARR GOLDIE,
DAINTY DAME,
PETUNIA AND
MAYFLOWER.

A FEW
SAMPLES
OF
PEDIGREES

2525

Lot 4. Roan Victor 2d 265482.
Roan; calved March 17, 1906; bred by J. C. Hardman.
Dams. Sires. Breeders.
Got by Improver 192264.....Geo. M. Woody
Riverside Victoria Queen.....Canute 106716.....Col. Harris
Victoria Princess 2d.....Saxon Knight 110108.....Col. Harris
Glen Victoria 5th.....Prince President 7023.....A. Cruickshank
9th Linwood Victoria.....Thistle Top 83876.....A. Cruickshank
Victoria 52d.....Viscount 18507.....A. Cruickshank
Imp. Victoria 51st.....Royal Duke of Gloster (29834).....Cruickshank
Lot 3. Craibstone Chief 255554.
Red; calved Feb. 13, 1905; bred by W. D. Pratt, Anita, Iowa.
Dams. Sires. Breeders.
Got by Victoria Prince 3d 172512.....A. Harrah
Imp. Craibstone Shepherders.....Craibstone 135226.....A. C. Pirie
Lot 2. Rockford Boy 265449.
Red; calved May 22, 1904; bred by J. A. Harris & Son.
Dams. Sires. Breeders.
Got by Linwood 127768.....Col. Harris
Queen of Beauty 8th.....Double Lavender 115031.....T. W. Harvey
Queen of Beauty 7th.....Red Emperor 83071.....E. Cruickshank
Queen of Beauty 3d.....Royal Bampton 31461.....A. Cruickshank
Queen of Beauty 2d.....Imp. Stanley (32594).....A. Cruickshank
Imp. Queen of Beauty.....Senator (27441).....A. Cruickshank

DEC. 19, C. A. SAUNDERS SHORT-HORN SALE, MANILLA, IA.
DEC. 21, COMBINATION SHORT-HORN SALE, MANNING, IA.

Col. Geo. P. Bellows,
Auctioneer.

Write for Catalog to **J. C. Hardman, Mgr., Brayton, Ia.** Please mention Iowa Homestead.

W. A. Forsythe's Short-horns.

Short-horn breeders throughout Missouri and Kansas need no introduction to Mr. W. A. Forsythe, of Greenwood, Mo., but to many breeders further north throughout Iowa, Nebraska and the adjoining states Mr. Forsythe is not so well known. To these we will say that he is not a new man in the business, as he has bred Short-horns for years, has used as good bulls as are found and has today a herd numbering upwards of 150 head. Throughout Mr. Forsythe's herd visitors will find as much Short-horn character, uniformity, scale and quality as is often found. The writer has on various occasions within the past two years visited Mr. Forsythe's herd and it has always been the source of much satisfaction to look over these broad-backed females and to observe how smooth and evenly they laid on flesh. These are points that Mr. Forsythe has striven to keep and to improve in the herd, and that he is succeeding will be seen by any who visit the herd. As to the breeding of Mr. Forsythe's cattle, we will say that there is not an animal in the herd that has a faulty pedigree. Many of the cows are Scotch and Scotch herd bulls have been in service since the herd was founded. Among these bulls was Imp. Bapton Arrow, bred by Mr. J. D. Willis and got by Sittytton Archer, he by Scottish Archer and out of Sittytton Lavender. As a sire Imp. Bapton Arrow would have been, had he lived to the present day, rated among the great bulls of the breed. Unfortunately Bapton Arrow was lost, but among his get are several animals that show how great a sire he was. Among these is King Edward, a bull that was shown all over the western coast in 1905, winning wherever shown. A daughter of Imp. Bapton Arrow was sold in 1903 by Mr. Forsythe to Mr. H. F. Brown, of Minnesota, who in turn sold her to Mr. W. I. Wood, and in Mr. Wood's 1906 spring sale she sold for \$800, the second highest selling animal in the sale. Other good sons and daughters of Bapton Arrow are left, among which is the heifer Mr. Forsythe showed in 1904 with much success. Perhaps the best of his get is Bapton Valentine, a bull Mr. Forsythe reserved for a herd bull. He is out of a daughter of the great St. Valentine, a show and breeding bull that has a national reputation. Bapton Valentine is an August two-year-old. Had he been of the right age Mr. Forsythe would have shown him this year. Should he develop as much the coming year as he has in the past Mr. Forsythe will have a three-year-old bull that will easily stand well up in the money if indeed he does not put up a great fight for first honors in any of the larger shows. Today Bapton Valentine weighs 1,700 pounds. For thickness of flesh he has few superiors, if any. A better underline is not found; over crops, loin and rump he is well high perfect. He has that smoothness over the shoulders, the fullness in the lower front rib, the well-let-down flank and all set low on four good sound legs. His head, too, is the right kind with medium horns set about right. In color he is a rich roan. That Mr. Forsythe made no mistake in saving Bapton Valentine for a herd bull is proven by his calves now coming on. They all have that width of back, the depth of body and the feeder's make up. The families represented in the herd are mostly Violet, Lavender, Alexandrina and other popular Scotch sorts with the Rose of Sharon and Young Marys representing the Scotch-topped sorts. Mr. Forsythe is now offering some young bulls that are just ready for service. Among these are two Violets. One is a red with just a little white on hind legs and a white switch; the other is a solid red. The first is one of those bulls that has quality from end to end, with an extra strong back, level to the tail head. He is even in all his lines, well developed over loin and crops and is decorated with a fine head a 1 good horns. His sire, Improver, was used by Messrs. Cookson Bros., of Iowa, with much success. Improver's sire was out of Gondola's Pride by Commodore, he by Orange Chief, an Orange Blossom bull that sired many good things, among which was Mr. Geo. Burge's first-prize calf at Des Moines. The dam of this young bull was Violet Cloud 5th that was got by Marquis Craeida and out of White Cloud 3d by Golden Crown, then follow such sires as Imp. Troubadour, Chancellor, Lord of the Isles, etc. The man looking for quality and a breed-looking bull that is fashionably bred should look to this fellow. The other Violet will please the man who likes an all red and a bull that will make a 2,500-pound animal.

This fellow is exceptionally strong in hind quarters, is an evenly-balanced fellow and a rapid grower. He is bred much the same as the other Violet, being by Improver but out of a daughter of Imp. Count Amaret 2d. After this cross the pedigree runs the same as the other Violet. A Lavender bull is also one that will please many. He is a wonderfully well-quartered bull, good over loin and a thick fellow. A nicely-bred Orange Blossom out of a daughter of old St. Lavender and Lavender of Hill Farm, of Dustin's Lavender family, will be found a promising youngster. The man who is looking for a neat, compact bull, and a red, will find an Alexandrina at Mr. Forsythe's that should please him. A roan Scotch-topped Bates fellow is also among the good ones and the man who likes a good handler will like him. Mr. Forsythe can fit out most any man looking for a good bull and one that is bred from the most reliable tribes. Mr. Forsythe will also price right a number of females, among which are a string of two-year-old heifers that for general conformation, true Short-horn character and promise of future usefulness are the equal of any lot of females the writer has seen in some time. A few cows and a string of yearling heifers the equal to the two-year-olds are also being offered. To the man who contemplates founding a herd or wishes to add some choice females to his herd we say go and see the cattle Mr. Forsythe offers. He is not asking you to buy any decrepit or old cows, but offers as good as he expects to keep and at such prices as will make money. All of breeding age are in calf to the grand young herd bull, Bapton Valentine, which adds much to their value. Mr. Forsythe's advertisement of these Short-horns will be found elsewhere in this and future issues, this week on page 37. Kindly mention this paper when writing him.

Short-horns at Auction at Holdrege, Neb.

Short-horns of approved scale, conformation and blood lines will go under the hammer at Holdrege, Neb., on Saturday, December 15th. We have commented upon some of the bulls of the offering and Mr. F. M. Marshall, of Blackwater, Mo., who consigns twenty-five head to the auction, writes as follows concerning the females consigned by him: "The female part of the offering is very desirable and good, all being under five years old and a great many with calves at foot. It is an unusually uniform lot and quite a number of show animals will be found among them. Especially is this true of the daughters of that great breeding bull, Orange Hero. This bull has spent his entire days in the Blackwater herd, and will spend the remainder of them there." Mr. Marshall is one of the leading breeders of both Scotch and Bates cattle in America. He has won numerous honors in the show rings of the greatest shows and his cattle have sold well at public auction. The Messrs. Wilkinson, of Edinburg, Ill., who consign about an equal number with Mr. Marshall, are old established, extensive and reputable breeders and are sending both bulls and females that will render good service for western Short-horn interests. The catalog can be had upon application to Mr. W. C. McGavock, sale manager, Springfield, Ill.

Choicely-bred Duroc Gilts from the Polk County Herd.

Breeders of Duroc Jerseys will always find a good supply of choicely-bred individuals at the Polk County herd, owned by Mr. Roy West, of Bondurant, Iowa. Mr. West has been long enough in the business to know a good individual and he has selected his herd with great care. He is now ready to dispose of some choicely-bred individuals representing the following: Proud Orion, Manly Orion, and a number of granddaughters of Proud Advance and of Bill K. stuff, Malcolm's Model pigs and also some Improver 2d, Ecco King and King Perfection gilts. The sows he is offering for sale are bred to one of these noted boars, a son of Tip Top Notcher, the \$5,000 hog which was first and grand champion at the World's Fair, also a son of Kan't Be Beat, the \$2,500 individual that was first in class at the World's Fair. A number of choice gilts are also bred to a son of old Orion, the sire of more prize

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42988 heads the herd. The following families are represented: Prides, Blackbirds, Erics, Heather Blooms, Barbans, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

HIGH CLASS ANGUS BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABELOUR, 41201, IMP. ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females sale in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.
Address all communications to
O. D. WRAY, Bloomfield, Iowa

ABERDEEN ANGUS & POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King 1to by Prince 1to. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

Pleasant Hill Angus

SPECIAL prices for 30 days on 10 bulls, 20 cows and 5 heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Gleudale 24275, a prize-winner and sire of prize winners.

J. NISSEN,
Meservey, Cerro Gordo Co., Iowa

7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 D. Dukes, 1 Heather Bloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch.
Address, FRANK P. PAUP, Kirkman, Iowa

10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

Will sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

John E. Griffith,
WASHINGTON, IOWA.
(Mention Homestead.)

Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maplehurst Proterous 47351, Hale Lad 2d and Gardner's Pearl Rosekey 52637. Females represent Queen Mothers, Prides, Heather Bells, Erics, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 161, Independence, Iowa.

HORSES.

PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

winners than any other Duroc, and last and best, some choice gilts bred to the grandson of Ohio Chief. It will pay those interested

in good Durocs to write for his prices. See advertisement which appears on page 37 and when writing kindly mention The Homestead.

HORSES.



Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

Watson, Woods Bros. & Kelly Co., LINCOLN HOTEL BUILDING, Lincoln, Neb.

Greeley Horse Importing Co.



Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT, GREELEY, IOWA.

Percheron Stallions and Mares.

I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1650 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

JESSE S. GOLDER, Scribner, Neb.

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maassum & Wheeler, Fairfield, Iowa

When writing please mention this paper.

CLOSING OUT SALE OF REGISTERED

PERCHERON STALLIONS AND MARES

To Be Held at My Farm Six and One-half Miles Southwest of

Perry, Iowa, Wednesday, December 19, 1906

21 HEAD

8 very choice Stallions ranging in age from yearlings up.

12 head Mares and Colts. 1 Shetland Pony.



The mares range in age from yearlings up. Ten of them will be bred and safe in foal to the great prize winning stallion Narcisse, (42440) 21992.

There will Be Some Splendidly Matched Teams of Registered Percheron Mares in This Sale.

42 Head of Cattle: 2 registered Short-Horn Cows, 2 registered Short-Horn Bulls, 18 grade Steers, yearlings and two year-olds, 20 grade Cows & Heifers

Col. Griff Johnson, Auct.
Howard Rousch, Clerk.

J. R. Mills & Son, Perry, Iowa

Robert Burgess & Son, Wenona, Illinois. Wichita, Kansas.

CHAMPION STALLION ILLINOIS STATE FAIR.
CHAMPION STALLION KANSAS STATE FAIR.
CHAMPION AMERICAN ROYAL KANSAS CITY.

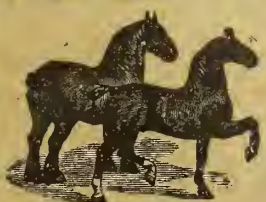
SHIRE, PERCHERON, BELGIAN and HACKNEY STALLIONS

Good American Bred Stallions, \$800 to \$1000.

First Class Imported Stallions, \$1200 to \$1600. Choicest Stallions a Little Higher.

NOTICE

Having concluded to make a change in placing Stallions before the Public account of the unsatisfactory business methods and transactions done in the Stallion trade to the Buyers as well as to the Sellers by the STALLION SALESMEN, we have concluded to sell our stud from the Barns. Our aim is to give our customers the entire benefit of the profits which have been going to the SALESMEN and to the helper assisting in placing the Stallion, who usually is one of your own neighbors, (the most influential man of the neighborhood), and the great expense of placing the Stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the Stallion to the buyers or the companies from Two Thousand Five Hundred to Four Thousand Dollars. The Quality of our Stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know that we can save you at least 50 per cent. If it is necessary to arrange a company in your neighborhood in order to get a Stallion, form your own company and come to the barn and be convinced that you can save from \$1000.00 to \$1500.00. We ask all intending purchasers to visit our Stables, where we have over 200 head of Stallions to select from—SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS. Come to the barns and deal with Bob Burgess, who has been in the business over thirty-two years, longer than any one man in the Stallion trade. Come to the barns and get the most reasonable terms that can be offered. Send for catalog.



TAYLOR & JONES, WILLIAMSVILLE, ILLINOIS, IMPORTERS AND BREEDERS OF PERCHERON, SHIRE AND BELGIAN STALLIONS.

WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND SELLING BETTER HORSES AT FROM \$700 TO \$1,400 THAN ANY OTHER FIRM IN AMERICA.

We have a few sensational show horses that will come some higher, such as Arrowside Duke, first-prize aged stallion Illinois State Fairs 1905 and 1906 and at Chicago International.

Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DUHAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS AND MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home-bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

EIGHTH ANNUAL SALE OF

LAKESWOOD PERCHERONS

Sioux City, Ia., Wednesday & Thursday, Dec. 12-13

STATE FAIR WINNERS UNDER THE HAMMER.



100 Registered Stallions and Mares 100

Thirty-two stallions and sixty-eight mares and fillies. Everything offered is of the highest quality and will be sold regardless of price. A number of our state fair winners are included. The stallions are a grand lot, by far the best we have ever offered. All of our winners at Iowa and Minnesota State Fairs have been reserved for this sale. The mares and fillies are of the choicest breeding; all but five are under seven years of age and nearly all are bred to our famous stallions, CALYPSO and OLBERT, the STATE FAIR CHAMPIONS and INTERNATIONAL WINNERS. The great opportunity of the year to buy Percheron stallions and mares of the highest class. Catalogs mailed on application.

H. G. McMillan, Prop., - - - C. M. Dent, Mgr.,

Lakewood Farm, Rock Rapids, Iowa.

COLS. F. M. WOODS, P. McGUIRE, DAN SAYRE, AUCTIONEERS.

JACKS.

FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



HORSES.

Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.
TRUMANS' Have the right kind.
TRUMANS' Buy the right kind.
TRUMANS' Always Imported them.
TRUMANS' Now a Household Word.
TRUMANS' Commenced with Prize Winners.
TRUMANS' Imported more than anyone.
TRUMANS' Know how to find them.
TRUMANS' Know how to buy them.
TRUMANS' Hence our success.
TRUMANS' With our Customers.
TRUMANS' Treat you right.
TRUMANS' Treat you white.
TRUMANS' Came to stay.
TRUMANS' Have stayed.
TRUMANS' Horses admired by the crowd.
TRUMANS' Always looked for at the Fairs.
TRUMANS' Always something sensational.
TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.
TRUMANS' Customers treated Honorably.
TRUMANS' Customers stay with them.
TRUMANS' Customers have confidence.
TRUMANS' Customers not humbugged.
TRUMANS' No loud childish talk.
TRUMANS' No claiming what they haven't got.
TRUMANS' Attend their own business.
TRUMANS' Dohonorable work in Show Rings.
TRUMANS' Let the Public Judge.
TRUMANS' Of their Exhibits.
TRUMANS' Don't want dirty work.
TRUMANS' Don't pay for it.
TRUMANS' Won't have it.
TRUMANS' Can do without it.
TRUMANS' No shifty business.
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

TRUMANS' PIONEER STUD FARM

BUSHNELL, ILLINOIS.

OLTMANN'S BROS.

LEER, GERMANY, - - - WATSEKA, ILLINOIS.

WE ARE THE PIONEER IMPORTERS OF THE German Coach Horse.

...We are also Extensive Importers and Dealers in...

Percheron and Belgian Stallions.

Our Buying Facilities Unsurpassed.

The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

We buy better horses at less expense than any other importer can possibly do and for that reason can give you a better horse for less money than you can buy elsewhere.

WRITE US FOR FULL PARTICULARS OR CALL AT OUR BARN.

OLTMANN'S BROS., - - - WATSEKA, ILLINOIS.



THE Lafayette Stock Farm

Lafayette, Ind.

Largest importers in America of Oldenburg German Coach, Percheron and Belgian stallions and this no man can dispute. Our importation of 1906 arrived November 15th. We have won more blue ribbons in 1906 than all other importers combined.

At the great Illinois State Fair at Springfield we won, out of fourteen shows, twelve blue ribbons in the Percheron, Belgian and German Coach classes. We won the championship offered for the five best Percheron stallions owned by one firm and also the same championship offered for the best five Belgian stallions. We won the championship for best Belgian stallion and second, third and fourth in that class. At all other fairs we have done as well and we can show buyers more good, serviceable draft and coach stallions than ever before.

Our exhibition in 1906 at the great International will surprise the hundreds of thousands of visitors that will attend. We can and do sell our stallions as low as they can be sold at any place in America.

DEPARTMENTS

SEDALIA, MO. NASHVILLE, TENN. SAN JOSE, CAL.

S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

25 Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors. 25

No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coaches you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.



HORSES.

FRANK IAMs

"Special Train" arrived August 14, 1906, carrying 120 "Peaches and Cream" Stallions. They are "Iams' kind," the "Best ever." Winners and "Sons of winners." \$1,000 and \$1,500 buys Imported "Topnotchers" of Iams. Watch "Iams' Smoke." He has his "Selling Clothes" on daily. No buyers with money or bankable notes get away from Iams. He buys, owns and sells more first-class draft and coach stallions than any man in U. S. "Whoa Bill!"—Buy a stallion this fall—"Save \$200" and get choice of Iams' barns filled to the roof with

168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

Mamma—Iams always has the best horses at Nebraska state fair. Iams' 2, 3 and 4-year-old Percheron and Belgian stallions won every first prize (bar one) and sweepstakes prize in both breeds (over all) and many second and third prizes. Iams' "Black Boys" are "Hot Stuff" for competitors; and Iams saves buyers all commissions and middlemen's profits. Iams is not in the "Stallion Trust."

\$1,000 SAVED AT IAMs \$1,000

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WILLOW GROVE
HEREFORDS

COLUMBUS 25th 100912, the great-
est living son of old Columbus,
at head of herd. The blood of An-
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other great bulls predominates in
my herd. Young stock for sale at
all times. Write me and tell me
what you want. Address, J. G. Von Seggern, R. D.
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HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20
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are very choice and as good as I have ever raised.
6 DUROC Jersey Boars, sired by Corn Cracker
14205, dam by Luther Top Notch 3907. Price \$25.
Write at once.
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250 RECORDED HEREFORDS
At Half Their Value.

25 YEARLING heifers, 20 two-year-old heifers,
25 bred; 75 young cows in calf, 50 bulls and 50
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One carload of bulls at Morgan, Wyoming.
GOOD ONES, CHEAP.
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HAVING SOLD MY FARM
I WILL sell 25 head of registered Hereford cows
and heifers and two herd bulls. One of them is
an imported bull. All good stuff, and will be priced
right to a quick buyer. Write me.
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4TH 194318. First prize Hereford bull of Iowa,
1906, at Iowa State Fair. Young stock for sale
by this famous bull. Mention The Homestead when
writing. G. W. Way & Son, New Sharon, Ia.

Breezy Park Herefords
Young bulls of serviceable age, from 15 to 30
months, sired by Lord Southington, son of
Southington (Imp.). Write me.
H. C. CUNNINGHAM, WESTON, MO.

RIVERSIDE HEREFORDS.

4 REGISTERED BULLS from 13 to 18 months
old, sired by Hesiod 29. Write me. V. C. At-
well, Little Sioux, Iowa.

RED POLLED CATTLE.

50 Head of Red Polled Cattle 50
FOR SALE.

I WILL sell my entire herd of 50 registered Red
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have a large per cent of imported blood and include
some imp. cows. Twenty head are now giving milk
while the remainder is as follows: 4 three-year-olds,
6 two-year-olds, 13 yearlings and 10 calves. It is
practically a female offering aside from the herd
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Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging
from eighteen months down; also choice heifers,
prices reasonable. Call or write, W. H. Seaman,
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THE WORLD'S LARGEST HERD OF
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P. G. HENDERSON & SONS, Owners, Central
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EITHER sex for sale. Have show stock. Duroc
Jersey swine. Equal to the best. Kestel &
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80 HEAD in herd. Irwin 8253, an International
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Choicely bred bulls, also some heifers and cows for sale
at zero prices. Come and see or write, G. W. Coleman,
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HERD of Red Polled cattle. Choice stock for sale
at moderate prices. Come see or address,
G. W. SHARP, MARBLE ROCK, IOWA.
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Red Polled Bulls For Sale
Wm. K. Ferguson, Algona, Iowa

BATES BRED
SHORT-HORNS

Sale Pavilion South Omaha

TUESDAY, DECEMBER 11, 1906.



41 HEAD--30 COWS AND HEIFERS AND 11 BULLS.

The sale includes 33 head of straight Bates breeding; about 15 of
the celebrated Duchess tribe; the balance are Wild Eyes, Kirklev-
ingtons, Oxford and Barringtons. 14 head in the sale the get of
old Airdrie Duke of Hazelhurst 117846. Other cattle in the sale are
of standard families with Scotch and Bates Tops. The bull offer-
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bulls fit to head herds. The cows and heifers are a choice lot; sev-
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calves at foot, an opportunity to lay a foundation or add some choice
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CHESTER WHITE HOGS.

Spring Pigs All Sold



WE have now to offer 60 choice fall pigs and are going to sell them cheap. If you
want something choice we have it here in these fall pigs. Write for large
catalog and prices to
James Fisher, Eastman, Crawford Co., Wis.

Modeler 13235 and W. F.'s Model 12101
AT HEAD OF
MODEL HERD
CHESTER WHITES.

to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and
shipped when wanted. Also a few choice White Ply. stock ckis. W. F. Hemmerling, Dike, Grundy Co., Ia.

MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good
girls bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and
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Can ship pairs or trios not akin. Ernest L. Menr, R. R. No. 1, Neponset, Illinois

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100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight
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100 HEAD. I have a splendid lot of fall and spring boars sired by my noted
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Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.

The Wildwood Herd Chester White Hogs

THIRTY length, well formed, strong boned boars of March and April farrow; ready for active service,
and gilts either open or bred, for sale at moderate prices.

W. W. VAUGHN,

MARION, IOWA.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in
1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs
in 1904. Also have 30 head fall boars sired by Advance 24. Can furnish any number
of sows and boars. Write me first. Address,
J. L. BARBER, R. R. 3, HARLAN, IOWA.

Bluff Road Herd Chester Whites

FALL boars all sold, but I still have a few spring boars for sale, also an extra good lot of gilts ready to
ship. Write for description and prices. Farm two miles east of town.
D. H. LEWIS, R. F. D. 6, - - - GENESIO, ILL.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by
our firm. We are making good prices on the get of Norway Chief and other boars used. Our past sea-
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CRESCENT Herd Chester Whites. March and
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V. A. LATHROP, MARION, IOWA.

IMPROVED CHESTER WHITES For sale out
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Winners. John H. Krehbiel, Donnellson, Iowa.

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15 Fine boars for sale, and some choice gilts,
bred or open. Also one good aged sow bred
to farrow in March. Prices reasonable.
J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa.

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BOARS AND GILTS

THE Iowa State College offers for sale some choice
early boars of the following breeds: Chester
White, Duroc Jersey, Tamworth and Yorkshire;
also a good lot of young gilts of the various breeds,
including Poland China and Tamworths; and six
young bulls, three Holsteins and three Red Polled
Address,

DIVISION OF AGRICULTURE,
Iowa State College, Ames, Iowa

HARDIN BROS.,
CHESTER WHITES

WE have won more ribbons at the leading shows
of America than any other herd. Some extra
good yearling, fall and spring boars are offered for
sale at reasonable prices. 180 spring pigs to select
from. Address, mentioning this paper,
F. P. & J. J. Hardin, R. C, Lima, O.

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"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs
where we won three championships out of four,
and most of the best prizes awarded. Most of our
winnings the past three years have been on the get
of the many times sweepstakes winner, Combination.
Write us for a Combination pig and get the
quality that wins. Address,
F. D. HUMBERT, F. P. WHITE,
Nashua, Iowa, New Hampton, Iowa.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester
White Swine. 200 spring pigs representing best
families of breed. Can furnish pairs or trios not re-
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type, with best of feet and legs, and will suit most
discriminating buyers. Write or visit me in need
of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our
spring crop has done extra well and they are
unusually large for their ages. We ship C. O. D.
Order early. Address,
W. M. MERCER, AURORA, ILL.

A Few Chester White Bargains

BOARS all sold. Have only 10 gilts left. We have
the last bunch of Sept., 1906, farrow we ever
raised. There are good herd headers for breeders.
E. L. NAGLE & SON, Deep River, Iowa.

Irving Herd Chester Whites.

40 HEAD April farrow. Large growthy pigs.
Either sex for sale. Prices right,
F. L. MARSH, - IRVING, IOWA.

T. A. STEVENSON,
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BREEDER and shipper of the best strains of Ches-
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Barred Plymouth Rock chickens and M. E. tur-
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ALLEN BROS.

40 O. I. C. Boars---March and April Farrow
This long, heavy-boned prolific kind, from litters
that averaged twelve pigs. Call or address,
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Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship
out. Several of them show hogs and from prize
winning strains. If you are in need of a good pig or
herd header, call or write for description and prices.
JNO. CRAMER, BEATRICE, NEB.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest 'up-to-date' herds in the north-
west. Plenty of herd headers. Gilts bred or
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I Pay Express Charges

and ship C. O. D. choice Improved Chester White
pigs of both sexes. Write for illustrated catalog free.
B. M. BOYER, Farmington, Van Buren Co., Iowa

SHADY LAWN HERD

OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow
for sale. Stock guaranteed as represented. Ad-
dress, JOHN LEFEBURE, FAIRFAX, IA.

Chester Whites.

Farmers' Prices.

I HAVE 20 well bred April boars and about 50 bred
sows and gilts for sale at farmers' prices.
S. J. Philson, Harlan, Iowa,

Chester White Swine.

20 head Chester White Boar Pigs. And some fine
gilts and yearling sows either bred or not, and one
nice 13 months old boar. Address,
Chester Bloom, Bridgewater, Iowa.

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin
Ship nothing but the best. Satisfied customers
write for descriptions and prices.
N. A. RANCK, - NIOTA, ILLINOIS.

200 LARGE O. I. C. Pigs. Two hundred of early
and late spring, August and September
farrow, from matured sires and dams not akin, at
farmers' prices. Herd Headers, Duke 4955, Frosty
13970, Snowdrift 12163 and others. Satisfaction
guaranteed. F. E. Hankins, Sciota, Illinois.

CHOICE Chester White Boars, sired by Hobson
11869, and King Leader 12235. Prices, \$15.00 to
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West View Poultry & Stock Farm, Montezuma, Ia.

OHIO Improved Chester Whites, Sept., March,
April and May boars and gilts, large kind, stock
mated. Farmers' prices. Fred Riebusch, Sciota, Ill.

CHESTER WHITES—Choice March and April
boars. They are bred right, fed right and priced
right. I can please you. J. A. Bell, Allison, Iowa.

KING B. HERD CHESTER WHITES.
70 SPLITTING pigs for sale, pairs not akin. R. R.
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SAUNDERS' ANNIVERSARY SALE

AT THE GREELEY STOCK FARM, MANILLA, IA., WEDNESDAY, DEC. 19TH
71 HEAD---30 SCOTCH---16 BULLS
 THE BEST OFFERING OF SHORT-HORN CATTLE IN ALL RESPECTS WE HAVE EVER LISTED FOR SALE.

WE PRODUCED

CUMBERLAND'S LAST, junior champion at International, 1905.
 CUMBERLAND'S CHUNK, 1st prize champion Short-horn steer International.
 INDEPENDENCE LADY, five times junior champion.
 CUMBERLAND'S BANNER BEARER, 2d prize bull at International.
 CUMBERLAND'S CHUNK 2D, 2d prize yearling steer at International.
 FARMER'S FRIEND, 2d prize Short-horn steer at International.
 COUNTESS CUMBERLAND, three times 1st prize winner.
 See A CUMBERLAND, first son of Cumberland's Last, and a calf of unusual promise. See KING MARENGO, the greatest of them all. ALL SINCE 1900.

OUR HERD BULLS

CUMBERLAND 118578, by King James, dam Imported Cloverflower.
 KING CHAMPION 191878, by Champion, dam Gladiolus.
 MERRY MARSHALL, by Imp. Merry Hampton, dam Charmer 11th.
 CUMBERLAND'S LAST, by Cumberland, dam Imported Lady Douglas.
 KING MARENGO, by King Champion, dam Imported Lady Marengo.

Send for our 100 page illustrated catalog, the best ever. Address, Dec. 20, Audubon County Short-horn Breeders' Sale at Audubon, Iowa.

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Please mention Iowa Homestead when writing for catalog. Dec. 21, Combination Short-horn Sale, Manning, Iowa, Jos. Wilson, Mgr.

CHESTER WHITE HOGS.

CHESTER WHITE HOGS FOR SALE

YEARLING and April males, S. L. Wyandotte chickens and 200 head of recorded and grade Angora goats. Correspondence solicited.
 R. P. DOWNING, Albia, Iowa

25 Large, Growthy Chester White Boars

FOR SALE—Of March and April farrow; will weigh from 200 to 250 lbs. Have had the run of clover pasture all summer. Have been bred right, fed right and will be priced right. Write me before you buy. F. A. Trumbauer, Patterson, Iowa.

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa

LARGE YORKSHIRE HOGS.

LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 168 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD, Box 2, Lake Park, Minn.

YORKSHIRES.

THE type the Packers want. Service boars now ready to ship. Prices low for quick sales to make room for full litters.

Mondamin Farm, White Bear Lake, Minn.

BERKSHIRE HOGS.

BERKSHIRE BOARS

FOR IMMEDIATE SERVICE.

I can please you in quality

and price. Address,

GEO. S. PRINE,
 Oskaloosa - Iowa

25 or 30 BERKSHIRE BOARS

Sired by Conquest and Benjamin's Faithful, a son of Faithful Common. Will sell a few choice gilts, and will book orders for bred gilts. Address

C. S. BUCKLEY, HOLSTEIN, IOWA.

Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growthy with plenty of quality and finish, of April and May farrow.

L. F. Boyle, Hennepin, Ill.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs sired by the great Charmer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Duke 1st. I breed the large, roomy Berkshires. Every thing guaranteed as represented. Extra amount of size of the spring pigs. T. J. Congdon, Pawnee City, Neb.

Imported Scotch and Scotch Topped

SHORT-HORNS

Emmetsburg, Ia., Thursday, December 13, '06

No. 1. GRAND VIEW CHIEF 244020. Herd Bull.

Roan; calved September 5, 1902. Bred by Geo. Isaac, Romanton, Ontario. Owned by T. A. Baldwin, Emmetsburg, Iowa.

Dams Sires Breeders

Got by Rustic Chief 236800
 Imp. Primrose 6th Abbotsford 2d 151707 Wm. Duthie
 Primrose 2d Merry Monarch 141872 A. J. Nares
 40 head, including my imported Scotch bull, Grand View Chief 244020, and the imported cow, Primrose 6th. I will also sell Jasmine of Orchard Farm 5th, sired by the above bull and out of the imported cow. Will sell two splendid daughters of the famous old show and breeding bull, St. Valentine, and a lot of well bred Scotch topped cows and heifers. There will be 10 choice bulls in the sale. Write for catalog mentioning Iowa Homestead. Address,

Al P. Mason, Auct.

T. A. BALDWIN, Emmetsburg, Iowa.

BERKSHIRE HOGS.

Heavy Weight

Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad distal face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you.

E. H. DANCER, Lamoni, Iowa

BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address

C. T. AYRES, Oacoola, Clark Co., Iowa.

LARGE English Berkshires. Boar pigs, March farrow, heavy boned, growthy fellows. Also gilts. bred. Write for prices. W. A. Bender, Rowley, Ia.

SHORT-HORN CATTLE.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charmer. Also 12 young bulls from 8 to 20 months old by Imp. Kinellar Stamp.

A. J. GRAVES & SON, Ames, Iowa

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAW & SON, Harlan, Iowa

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missile with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

SHORT-HORN CATTLE.

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, Fairfax, Ia.

Walnut Grove Short-horns & Poland Chinas
 CLEAR The Way 231482, winner 1st in 2-yr-old class and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

Jas. E. Stephenson, Alburnett, Iowa

Otter Creek Stock Farm.

JONES CO. HERD OF SHORT-HORN CATTLE

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.

C. F. Itobe, Jesup, Iowa.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haus, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Illigmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.

J. D. McDERMOTT, WIOTA, IOWA.

SCOTCH SHORT-HORNS. For sale. four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

When writing please mention this paper.

SHORT-HORN CATTLE.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov. at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eye and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Oeder 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
 Davenport, Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

Also Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN,
 COLO, IOWA

B LUFFVIEW SHORT-HORNS

A FINE BRAWNED BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, Newton, Iowa

PUBLIC SALE SCOTCH & SCOTCH TOPPED

Short-horn CATTLE

**REGISTERED CLYDESDALE AND
..... PERCHERON MARES AT
MASON CITY, IOWA, DECEMBER 18TH**

On the above date at the feed barns in Mason City, Iowa, I will offer for sale 48 head of Scotch and Scotch-topped Short-horn cattle, including imported cows, 16 head of the offering being Scotch. Forty-six females and two bulls. I will also sell at the same time and place six registered Clydesdale mares in foal to an imported stallion; four Percheron mares in foal to an imported stallion; one Percheron and one Clydesdale stud colt. Of the Scotch cattle, the following families are represented: Imported Likely, Mysie, Secret, Butterfly, Rose of Aberdeen, Airy Buckingham, Orange Blossom, Vain Maids, Crocus or Isabella, etc. Of Scotch-topped families, Rose of Sharon, Desdamonas, Arabella, Rosebud, Josephine and Pearllette. Send for catalog at once to

A. H. BRETT, MASON CITY, IA.

COL. AL P. MASON, AUCTIONEER.

Mention Homestead when writing for Catalog.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

"INDIVIDUAL EXCELLENCE THE STANDARD." LYNDALD SHORT-HORNS AND POLAND CHINAS

ROYAL Hampton top of the Bellows Bros. 1906 sale and Champion of Lyndald head Short-horn herd. Females are Victorinus, Secrets, Butterflies, Lavenders, also a few Young Marys and Rose of Sharns. For sale a red Secret, a roan Queen of Beauty, a pure Bates and some nicely Scotch topped bulls ready for service. Visitors always welcome.

A. F. GRAVES,

KING CITY, MO.

HUGHESDALE

REAL DUAL PURPOSE SHORT-HORNS

HOME of Howena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anok, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER,
KEANSBURG, - ILL.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd headed by I Am Sunshine and out of an Allerton Tecumseh sow. Females strong in the blood of Wilkes and Tecumseh. Some extremely good strong fall males for sale. Plenty of size and quality.

9 Short-horn BULLS FOR SALE

AT Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMOND, IA.

Bargains in Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259937, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135256.

M. D. YARD, CRAWFORDSVILLE, IA.

When writing to advertisers please mention this paper.

40 SELECT 40 Short-horns

At Auction at Hall's Sale Barn, David City, Nebraska,

WEDNESDAY, DEC. 12TH.

The ten bulls include the Straight Scotch yearlings Gold-dust and U. S. A., and other desirable herd headers as well as useful farmers' bulls. The thirty females include the great Straight Scotch show cow Mildred 12th, whose dam is a full sister to the dam of Pine Grove Mildred, the \$1,000 and highest priced cow in Col. Lowden's sale last June; the Straight Scotch show heifer Sibyl of Riverdale; the great Hadding-bred heifer Anoka Strathallan A.; and numerous other tops, both Scotch and Scotch topped from the herds of S. E. Prather Co., Sherman, Ill.; Lewis Stookey, Harris-town, Ill.; Denby Bros., Carlinville, Ill.; A. H. Robertson & J. J. Littrell, Clark, Mo., and Gentry Bros., Sedalia, Mo. Show cattle of both sexes and several are by imported bulls and many females in calf to imported bulls. For catalog address,

W. C. McGavock, Sale Mgr.,

Springfield, Ill.

Col. T. C. Callahan and others, Auctioneers.

50 Great Auction 50 Of Straight Scotch, Pure Bates and Scotch Topped

Short-horns

AT SWEDBURG'S SALE STABLE, HOLDSREGE, NEB.,

SATURDAY, DEC. 15TH.

Sixteen bulls including herd headers for both Scotch and Bates breeders are cataloged, and the cows and heifers include as grand an array of the purest Bates blood and the choicest individuality as was ever offered in the West. Superb Scotch topped females are also profusely offered. The noted breeder F. M. Marshall, Blackwater, Mo., catalogs twenty-five head and it is a better offering than that upon which he realized an average of \$170.00 during the drouth in Missouri last June. G. C. & R. H. Wilkinson, Edinburg, Ill., extensive and reputable breeders, catalog twenty-seven head, largely of Bates breeding, but many of which are in calf to and some of the younger animals sired by the celebrated prize-winning Straight Scotch bull Scottish Stamp. For catalog address,

W. C. McGavock, Sale Mgr.,

Springfield, Ill.

Cols. T. C. Callahan, O. M. Swedburg, Aucts.

JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

POLAND CHINA HOGS.

25 Large Frame and Heavy Bone a Specialty.
INCLUDING 11 extra good fall boars with plenty of size and quality. Sired by Rival U. S. 89019, and 14 spring pigs sired by Rival U. S., Allright and Illinois Lover. These pigs will be priced to move them, as I must have the room.
E. C. CAVERLY, Toulon, Stark County, Ill.

HAMPSHIRE HOGS.

HAMPSHIRE HOGS

30 SPRING BOARS by Stone's Duke. 1st prize boar Illinois State Fair 1906. I am breeding for early maturity, prolific families, quiet dispositions, purity of color and muscular action. 30 bred gilts ready Dec. 1st. Write for prices and descriptions.

Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

POLLED DURHAM CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER,
Kalona and Wellman, Iowa.

Double Standard Polled Durhams.

HAVING rented my farm, I will sell my small herd of nine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right.

W. E. LOUGHARY, Puckwood, Iowa.

F. A. MURRAY, MAZON, ILL.

Breeds POLLED DURHAMS.

STOCK that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

GALLOWAY CATTLE.

Pure Bred Galloway Cattle.

FOR SALE: 8 Bulls, 60 Cows and Heifers, at prices that will make them move. Write to

S. D. Miller, Wellman, Ia.

"WILD ROSE" HERD POLAND CHINAS.
140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines, Uneda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.
W. N. Booth, Danbury, Iowa.

Choice Lot of Spring Boars for Sale. POLAND China pigs sired by Duke's Wonder by Nemo L's Duke. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall.
Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30
FOR SALE, sired by Winning Perfection F 105015 and Keep On Third 108267. Big bone, growthy fellows. Address,
Jno. Schmieder, Remsen, Iowa.

10 GOOD FALL BOARS
I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,
GEO. E. PATCH, Blandville, Illinois.

Onward by Keep On for Sale.
WAS in 2d Poland China litter at Des Moines, 1904, is a big heavy boned fellow, breeds that way. Will sell all or half and guarantee him in every way. Write at once to,
A. C. LANHAM, BATTLE CREEK, IOWA.

Poland China Hogs

FOR SALE: six yearling boars. Good length, large bone and from large families. Sired by Perfection E. L. 2d 110003. Price \$18 and \$20. Address,
Judy & DeLashmatt, Salem, Iowa

BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.
BERT FRY, Plainfield, Bremer Co., Iowa

POLAND China boars and gilts, April and May farrow, by Baron Komura 103253, he by Chief Perfection 2d; dams grand-daughters of Old Chief Tecumseh 2d and Wilkes and Black U. S. blood; also a litter of 180 A., well improved. G. G. Spicer, Higway, Mo.

POLAND CHINA HOGS.

The House That Jack Built
FOR SALE.

POLAND CHINA herd boar, Jack of Oak Lawn 81697, dam by Ideal Sunshine. Boars and gilts from this royally bred hog, weight 700 lbs., for sale at all times and all ages. 150 head to select from. Brood sows, gilts, both bred and open, can be had at Fairview Stock Farm.

F. C. THACKABERRY, - Tampico, Ill.

POLAND CHINA
BOARS

30 GOOD, large, heavy-boned Poland China boar pigs for sale; weight 180 to 200 lbs. each.

T. A. Davenport, - Belmond, Iowa

EVERGREEN STOCK FARM.

POLAND CHINA spring boars my hobby now. Sired by Dorr's Ted and Grossman's Choice, out of large, roomy, prolific sows. Prices low. Send for catalog.

HENRY DORR, Remsen, Plymouth Co., Ia.

GROWTHY, HEAVY-BONED
Poland China Boars.

OUT of mature parents, best breeding, lengthy, vigorous fellows, 200 lbs. up. Customers well pleased. 999 sold in 12 years. S. Horn and P. Durham cattle. P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.

Big, Growthy, Heavy Boned Spring Boars

Sired by Major Blain 31925, which I am pricing well worth the money. Also some good gilts bred for March and April farrow. These are the large, useful kind. Address,

R. J. PECKHAM, Pawnee City, Neb.

SUNNY SLOPE Poland China boars and gilts of S. March farrow, of the most fashionable breeding, with good length and heavy bone and extra good backs. Sired by Orr's Duke (88967) and Ringmaster 101091. I will also sell by herd boar, Orr's Duke 88967. Write to M. A. Easthouse, Hartley, O'Brien County, Iowa.

20 BOARS, POLANDS, 40 SOWS.

CAREFULLY culled and well bred. Five March boars that will make herd leaders, sired by High Looker, a World's Fair winner, and Justice by Corrector. Large prolific litters. My pigs will make 800 to 1,000 lbs. at maturity. Write for prices or call. Special offer. M. G. Arnold, Strawberry Point, Iowa.

PRAIRIEVIEW HERD POLAND CHINAS

20 GROWTHY, heavy-boned March and April boars and gilts, sired by S. B's Choice 106849; also yearling sows and herd boar. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. M. & St. P. or C. R. I. & P. J. D. Vorhees, R. 5, Charles City, Iowa

100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Wisner Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. PRITCHARD, - WISNER, NEB.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the Great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are A1 boars.

J. C. Hoag, - Manson Ia.

Sandquist Bros.,

OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

POLAND CHINA BOARS AND SOWS.

BIG boned lengthy fellows with broad backs and plenty of finish. By H. S. T. C. U. S. 55611 an 800 lb. hog in show shape. Their dams matured sows. Priced cheap to move them.

J. B. McALLISTER, - PALO, IOWA.

NOTICE.

FOR SALE—25 pedigreed Poland China pigs, both sexes. Prices reasonable. Customers always satisfied. Have been a breeder ten years.

SAMUEL LOCKE, Iowa

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low.

E. O. WOLCOTT, GILMORE CITY, IA.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection R. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

POLAND CHINA BOARS FOR SALE.

I HAVE several large, early, heavy boned boars of very best blood lines which will sell very cheap to quick buyers. I will stand return express and refund price paid if pig is not as described.

C. H. DRAKE, Stockport, Iowa

LARGE POLAND CHINA BOARS.

THE set of All Dude 106413, the 800-lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's ring), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars by him for sale. Wm. Pedrick & Son, Ottumwa, Ia.

HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

Hustle On 105337 Heads Herd.

400-lb. fall males, large, heavy-boned Poland Chinas. Spring males, the kind that all want. S. L. Wyandotte and R. C. B. Feghorn eels, \$1. S. H. cattle. Inter-state F. Eberdorf, Strawberry Point, Ia.

When writing to advertisers please mention this paper.

DISPERSION SALE OF

Short-horn Cattle

AT

Stanwood, Iowa, December 20th.

OWING to old age I am leaving the farm and offer at auction my entire herd of Short-horn cattle, consisting of 36 females and 7 bulls. They are all richly Scotch topped and are a very prolific and useful lot. I will include my 2 herd bulls, Baron Taylor 172837 and Diamond King 234716. Both are reds and exceptionally thick. This will be a splendid opportunity to buy good Short-horns at your own price. Address for catalog and further particulars

JAMES BURKE, - STANWOOD, IOWA
Col. GRIFF JOHNSON, AUCTIONEER

POLAND CHINA HOGS.

14 BIG STRONG, GROWTHY

March Poland China Boars

FOR SALE.

TWELVE of them by Gay Perfection 2d 97251. One by Radium (a sow of Perfection R. L.) and one by Impudence 97557. These boars are of the most aristocratic blood known to the breed. Will sell them at \$25 each while they last, except the Impudence boar which I hold at \$35. Impudence was the sweepstakes boar at Des Moines last year. The greatest hog show on earth. The dam of the fellow cost me \$187.50. For further particulars address the owner Joe Steward, Ames, Iowa. Also two yearling scotch bulls, one by Revenue, the other by Golden Diamond.

....ONLY A FEW LEFT....
But They're Good Ones.

OUR boars have been selling like hot cakes; only have 20 boars and 10 spring pigs left. Some of these by the double sweepstakes boar Matchless Jr. Fall and spring gilts bred and ready to ship. These by matchless Per., Matchless Jr., B's Chief Tecumseh 2d and Correct I know.

HENRY BROS., - LE MARS, IOWA.

WELLMAN HERD OF RECORDED POLAND CHINA
SWINE AND SHORT-HORN CATTLE.

11 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch and Scotch topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 17062. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on app. R. Route No. 4, WELLMAN, IA.



ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief 11 37628, and Winsome Dude 11 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, MANNING, IOWA

45 POLAND CHINA BOARS 45
Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address, WM. RAY & SON, DEFIANCE, IOWA.

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted un-related. Write for breeding, description and prices.

BRIDGEMAN & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.

POLAND CHINA HOGS.

POLAND CHINA BOARS

WE have 20 March and April boars sired by R's Keep On, Iowa Chief and other noted boars. Long, growthy fellows, good colors, heavy boned. Smooth as an apple and out of large, roomy sows. They weigh from 175 to 200 lbs. If you need more size in your herd, it will pay you to get one of these pigs. We guarantee our pigs as represented and always satisfy our customers. We cannot afford to send out a poor pig, as we are in the business today, and expect to supply our customers again in the future. Below is a copy of one of the many letters we receive from our customers:

RUEBEL BROS., Rockwell City, Ia.
DEAR SIRS:—We got the pigs Friday evening, the 2d, O. K. We are all well pleased with them. They are just as you said they were. Respectfully Yours,
Nels Nortved,
E. O. Peterson,
M.H. Peterson.

Callender, Iowa.

All correspondence cheerfully answered.

Bred Sow Sale February 12, 1907.

RUEBEL BROS., Rockwell City, Ia.



THIS "General Utility"—"Nebraska Type," Grand Look 38305, Champion Bore 1906. Bred Sows and Pigs for sale. H. C. Dawson & Sons, Endicott, Neb.

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May farrow, sired by On Exhibition a grand son of G's Perfection and Terrell's Wilkes 2d and out of matured sows. These pigs have good heavy bone, good length and are very growthy fellows with lots of quality and will be priced worth the money. Write at once. Address

C. W. PHILLIPS, NEW SHARON, IA.
Bred Sow Sale, Feb. 20th.

CHOICE

POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by Imported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

WILLOWDALE POLAND CHINAS.

MODEL TYPE prices for the best blood of the breed. Herd headed by Master Sunshine 72227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S. best sow outside of Perfection family. M.S. is assisted by Eldorado 106425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Meddler, Corrector 2d, Spellblinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockerels, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan R by Logan Chief is the sire of some choice herd leaders. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. I. Elerbeck, Beatrice, Neb.

THIS MEANS JUST WHAT IT SAYS. These are not "razor backs" but pedigreed pigs. Eligible to Register and are FREE, except Express, to any live man or boy. One or more of these pigs easily secured. For particulars & copy of Best Swine Magazine, write The Poland China News, Box 14, Freeport, Ill.

POLAND China Boar Pigs, March and April farrow sired by Black Perfection, dams by Sailor Sunshine. Heavy boned growthy fellows. Price \$15 to \$20. Write your wants. Henry Schlatter & Sons, Lawler, Iowa.

DUROC JERSEY HOGS.

Maple and Lawnsdale Herds
DUROC JERSEYS.

Will sell a few Spring gilts bred to Illinois Chief, the sensational boar recently purchased by us. Also will breed a few sows to Illinois Chief and the noted boar, Hambletonian, at a reasonable fee. Address either

MANLOVE BROS. or J. H. NORRIS,
Bowen, Illinois.

CHOICE DUROC JERSEY

Spring pigs of March and April farrow, either sex. Good weight, bone and color.

Frank Warney, Mt. Pleasant, Iowa.

DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEYOE & SON, Mason City, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

MIDLAND DUROCS 15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

FOR SALE—An extra good Duroc yearling boar by Top Notcher Again out of Nell A, sweepstakes sow Ia. State Fair '04. W. M. Sells & Sons, Indianapolis, Ia.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Huxton, Iowa.

THE Grindell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fattened, prolific, pedigreed, 5 strains. J. C. Jay, Mt. Pleasant, Iowa.

JOINT SALE OF SHORT-HORN CATTLE..

45 Head will be sold at the J. W. Hanna farm on Wednesday, Dec. 12th.
SIX MILES SOUTHEAST OF GARRISON, BENTON CO., IOWA, AND 6 MILES NORTHWEST OF VAN HORN.

A GOOD practical money making lot of Short-horns. 31 females, 7 of which have calves at side, and 14 bulls. They are a useful lot, cleanly bred, and everything guaranteed breeders. We have included practically all of our 2-year-old heifers, and nothing over 5 years old in the sale. All females not having calves at side, of breeding age, will be safe in calf to one of our Scotch herd bulls. We are offering a fine useful lot of vigorous bulls from 12 to 18 months old. Nothing but good Scotch bulls have been used in our herds for years. Sale will be in heated tent on Hanna farm. Parties will be met at Garrison on C., R. I. & P. R. R., or Van Horn on C., M. & St. P. R. R. Ask for catalog. Address either,

J. W. HANNA OR ANDREW ROBERTSON, - GARRISON, IOWA.
CAREY M. JONES AND J. W. HITE & SON, AUCTIONEERS.

DUROC JERSEY HOGS.

BUY A DUROC JERSEY BOAR

Sired by

Crimson Wonder Again

The Iowa State Fair Sweepstakes Boar.

I HAVE them and they are good ones. Also some choice boars by Lottie's Top Notcher. Order right away if you want one. Address,
GRANT SUMMERS, Malvern, Iowa

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big 1 Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

A CHOICE COLLECTION Of Duroc Boars For Sale.

DESCENDANTS of famous sires, Tip Top Notcher, Ohio Chief, Improver 11, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

Fagan, Browning, Hess & McCabe, HERSMAN, ILLINOIS

SUNNYLAND STOCK FARM

Short-Horns and Durocs.

THE home of Kruger Lad 17179A. Some choice bulls and Tip Top Notcher boars for sale.
AUG. SONNELAND, Harlan, Iowa

DID YOU SAY BOARS?

INDIVIDUALLY and in blood lines the Averdale boars are as good as can be found. Shall we tell you about them? Your money back, if we misrepresent them. A. M. Avery & Sons, Phone Averdale Line No. 3, Mason City, Iowa.

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good.
R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

Smith Brown's Duroc Jerseys

THE home of the winners, 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

DUROC JERSEY

SPRING boars and gilts for sale sired by Red Prince 8915, B. S. Hero 21827, Orion Lad 23573. All stock guaranteed as represented.
W. L. Bonnett, Birmingham, Iowa.

Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.
I. C. Welch, Bedford, Iowa.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

FOR SALE. My Duroc Herd Boar Crimson Banker. Model 4125 (half brother to Iowa Banker). Also some of his pigs from sows by Gay Advance 25775. L. L. Woods, Grinnell, Iowa.

10 DUROC boars. Let me describe a \$15 or \$20 boar; 10 inquirers intending to buy will clean them up. Try it. Pedigrees sent. S. S. Krebill, Donnellson, Ia

DUROC JERSEY HOGS.

30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. L.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address,
JOHN WEIGHTON, Audubon Iowa.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topdy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,
HARMON GRUVER, Brewster, Minn.

25 TOPPY DUROC JERSEY BOARS Sired BY GLENWOOD CRITIC 38579

ONE of the great show boars sired by the noted show winner and sire of winners, Glendale Chief. Prospective winners here for next year. Write at once.
A. W. LAMB, MONROE, NEB.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.
J. D. NIDLINGER, DECATUR, INDIANA.

The "Nancy Herd" Durocs } Sow sale } Pigs by Orion, Junior Jim, Critic's Echo, }
W. A. STAPLES & SONS, FEBRUARY 25, 1907. } Inspection invited. 125 pigs. Write us. }
GLIDDEN, IOWA.

Iowa Banner Herd Durocs Headed by W. L. A.'s Choice Goods, has for dam the \$1,060 S. E. Model 9th; the \$2,000 Ohio Chief for grandsire; Bishop's Choice for granddam and the great Nebraska Belle for great granddam. Write your wants. W. L. Addy & Son, Parnell, Mo.

KRASCHER'S DUROC JERSEYS
150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHER & SON, MACON, ILL.

FOR SALE.
I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.
F. E. Garrett, Lohrville, Iowa.

Minnesota's Sweepstakes Duroc Jerseys.
I WON 1st and sweepstakes on boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimson Wonder 1 Am blood. Good boars for sale.
Wm. Malcolm, Bigelow, Minn.

ULSTER PARK DUROC JERSEYS

25 BOARS and 50 sows sired by Ulster Chief 11425 A, Duke of Ohio 23529, George 11ur 40851 and Alfonso 40849. Write for prices. Address,
M. M. ELMENDORF, LACONA, IOWA.

Watson Bros., Creston, Ia.

200 DUROC JERSEYS, out of Orion Proud Advance and Advancer sows. Pigs by Proud Advance, Keep On and Addy's Choice Goods.

Shadelands Durocs

100 SPRING and fall boars by the undefeated sweepstakes, American Royal 15433, and fifteen other leading sires at prices that are right.
Edmonds, Shade & Co., Kingsley, Ia.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.
L. H. Bryna, R. R. 1, Neponset, Ill.

80 BIG BOWED DUROC JERSEY RED PIGS 80

FOR SALE.
G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA
THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by him and Elm Lawn Top Notcher are offered at prices that should move them.
Chas. Sobotka, Gainesville, Mo.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.
Rood Bros., (Swine Specialists), Lake Park, Ia.

J. LORTON, Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

40 DUROC-JERSEY BOARS

THE BEST I HAVE EVER RAISED. Am pricing these right, if taken soon. Address
ALBERT BELL, LAKE CITY, IOWA.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices.
M. A. McWilliams, Wall Lake, Iowa.

BOARS! BOARS!

FOUR HERDS, Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794

BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, A's Choice 1 Am 43105, by Crimson Wonder, F. A's Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred.
F. A. STRONG, ORIENT, IOWA

50 Toppdy Duroc Jersey Boars and Gilts

Sired by Junior Jim and Arlon. A choice lot of breeding stock will be priced right—so they will go—during the next thirty days. If you want something good, write at once.
R. C. POSTON, Corydon, Iowa

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 50 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.
W. A. Peterson, Lyons, Neb.

DUROC JERSEY HOGS.

FANCY DUROC JERSEY SWINE OF BOTH SEXES FOR SALE.

I HAVE the blood of Proud Advance, In. Banker and other leading strains.
C. W. WOLF, HAMPTON, IOWA.

I HAVE THE TOPPIEST OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money.
F. A. HAM, SARONVILLE, NEB.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.
F. M. ERSCHEN, Odell, Illinois.

Greene County Herd Duroc Jerseys.

OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the type bred, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

CHOICE OFFERING OF DUROC PIGS

I AM making very good prices on my spring pigs and fall sows. Very strong lot of boars and gilts. Good color, strong in bone, with neat head and ears. Pigs sired by Red Reuben and others.
CHAS. VAN PATTEN, SUTTON, NEB.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Chief, Improver 11, etc. Have a few fall pigs that I will price right. Write me.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.
E. Z. RUSSELL, BLAIR, NEB.

PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys.

OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow sale will be Jan. 23, 1907. Write us and find out what we have to offer.

LAMONI herd of Duroc Jerseys, headed by Ben Davis, first prize boar at Iowa State Fair. Pigs sired by six prize-winners or sons of prize-winners, such as Ohio Chief, Proud Advance, American Royal and Brilliant. Pigs for sale with length and bone. Guaranteed. Write, J. S. Tenle, R. 4, Lamoni, Iowa.

GRAND VIEW DUROC JERSEYS.

Now 43955 are offered. Good blood as there is in Iowa, such as the above sires; also Iowa King M., Iowa Model and Perfection Chief strains.
F. M. HUFF, R. 2, AFTON, IOWA.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd to bull Expansion at a reasonable price. No swine for sale now. Spring sale February 13, 1907. J. B. Davis & Son, Fairview, Kan.

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

FIRST-CLASS DUROC BOARS.

MAY farrow, 6 to 7 inch bone, crowding 200 lbs. In breeding shape, at bargain price of \$25 each.
Roy E. West, R. 1, Box 6, Churdan, Ia.

DUROC JERSEY HOGS.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale a lot of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tintin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Early Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

HANLEY BOARS

FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

SHELDON BROS.,
A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Snadell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Munley Orion 3709.

2D prize boar in 18 months class Iowa Fair, 1905. 2 Munley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tintin, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

Buddy K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, - ILLINOIS

WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow; sired by Top Notcher Model 37663; he is the same breeding as Tip Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Fred's Banker and Advancer and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. & P. or Northwestern R. R.

J.W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

Thos. Bennett,
Rossville, Ill.

HOM again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

ROYAL RUBY HERD OF DUROCS.

I NOW have a line lot of spring boars for your inspection. They are sired by Osceola Chief, a very large heavy boned hog, also by Proud Perfection, one of the best sons of Perfection Chief, a side fair winner of 1905, also took 2d at St. Louis in 1904. Come and look them over and be convinced that they are blue. They have been closely culled and nothing but the best is for sale. Free delivery and entertainment. Telephone connections. Rural Route No. 2.

Gus A. Pederson, - Ocheyedan, Iowa.

Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Brington, Kingsley, Ia.

40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alex, litter brother to the sweetest sow Alex II. Good ones.

ALFRED RENSCHAW, Blair, Neb.

BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hunley, Big 1 Am, and other noted sires at reduced prices. Write for descriptions.

H. B. GRIFFITHS, - Bowen, Ill.

MAY & PORTER,

REHINGTON, IND.
MAYOR'S CHIEF 40727 and Top Notcher Best 37663 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

PLEASANT DALE STOCK FARM

W. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.



Dan Patch 1:55, The Pacing King, Cresceus 2:02 1/4, The Trotting King, THIS BEAUTIFUL PICTURE IN 6 BRILLIANT COLORS MAILED TO YOU FREE.

We have just published a large, colored lithograph of the above Photo-Engraving, which shows our World Famous Stallions, Dan Patch 1:55 and Cresceus 2:02 1/4 in an exciting contest and at extreme speed. The picture is 16 by 21 inches and shows both horses in their natural colors and as life-like as if you saw them racing on the track. It is a picture that would sell for \$2.00 if gotten out in a small edition. You can have one of these Large and Beautiful Colored Pictures of the Two Most Valuable Harness Horse Stallions and Champions of the World, Absolutely Free and we will prepay the postage. This picture was made from life and every lover of a great horse should have one.

WRITE FOR ABOVE PICTURE AT ONCE.

1st, Name the paper in which you saw this offer. 2nd, State how much live stock you own and then we will mail the picture promptly. 3rd, Picture will not be mailed unless you give us this information and address.

INTERNATIONAL STOCK FOOD CO., MINNEAPOLIS, MINN., U.S.A.

AFTER EATING "INTERNATIONAL STOCK FOOD" EVERY DAY FOR FOUR YEARS DAN PATCH OPENS THIS SEASON AS FOLLOWS:

First Start, Galesburg, 1:57 1/2.

Third Start, Minnesota State Fair, 1:56 1/2.

Second Start, Dubuque, 1:58.

Fourth Start, Minnesota State Fair, 1:55.

DUROC JERSEY HOGS.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tintin 17261, Imp. Wonder 43561, A. L. Advance 43331, Olebalt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tintin No. 17261 for side, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address,

P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 88-3, RADCLIFFE, IA.

Ohio Chief Male Pigs For Sale

I HAVE three extra good Ohio Chief male Duroc Jersey pigs that I will price right, if taken at once. Also pigs by Adams Express, a full brother to Crimson Wonder. Male pigs by ten leading sires. I can suit you. Write me at once.

FRANK ALLDRITT,
FRIEND, NEBRASKA

CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100. U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 23793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7975, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 56574 by Jandelon 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 88492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from us good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH,

HAMBURG, IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

GRANT WHITE,

AFTON, IOWA.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 76 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

C. T. ROGERS, PETERSBURG, ILL.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

3 FEEDS FOR ONE CENT

My stallions, Dan Patch 1:55, Cresceus 2:02 1/4, Duroc 2:05 1/4, Arion 2:07 1/4, Roy Wilkes 2:06 1/4, Bentonwood 2:11 and my one hundred high-class brood mares at "International Stock Food" every day. Dan Patch has set an "International Stock Food" every day for over four years and during this time has broken fourteen World Records and his physical condition has been marvelous. It will pay you to use it for your Stallions, Brood Mares, Colts, Race Horses, Show Horses, Carriage or Coach Horses and Work Horses because it gives more Nerve Force, Endurance and Strength. "International Stock Food" is prepared from finely powdered medicinal roots, herbs, seeds and bark and is fed in tablespoonful amounts as an addition to the regular grain feed. It is equally good and very profitable to use for Horses, Colts, Fattening Cattle, Cows, Calves, Hogs, Pigs, Sheep or Lambs, because it purifies the blood, tones up and permanently strengthens the entire system. Keeps them healthy and greatly aids digestion and assimilation so that each animal obtains more nutrition from all grain eaten. In this way it saves grain and will make you a large extra profit. We have thousands of reliable testimonials on file in our office, and every pound of "International Stock Food" is sold, by over 125,000 dealers, on a "Spot Cash Guarantee" to refund your money if it ever fails. Constantly used by over two million stockmen throughout the world. If you desire any further information I will be pleased to have you write me.

M. W. SAVAGE, Prop. of International Stock Food Co., International Stock Food Farm.

DUROC JERSEY HOGS.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambleton (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, H. Van Patten, Sutton, Nebraska

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, - Portsmouth, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief 1 Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder, he by now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

ATHELRED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1906. "The best Tip Top Notcher pig I ever saw," it J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are one of some of our very best Duroc sows and it is about the best chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051. Fairview Col. 25803, one of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.

JAMES T. DOLLISON, SALT CITY, IOWA.

WELCH'S POPULAR PRICED DUROC JERSEYS I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address,

S. I. Welch, Cherokee, Ia.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S. W. Henshaw Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, - KENNARD, NEB.

PIONEER HERD DUROCS.

WE have several good boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.



THE ICE HOUSE.

The following communication has been received from a subscriber, Mr. Wm. Sorensen, of Howard county, Neb.:

Even though ice is not so important in these days of separators, no butter maker, be it on the farm or in the creamery, ought to be without a stock of ice so as to have complete control of temperature when churning. Nor can the value of ice to the farmer's wife and family be overestimated, and it is not a very great job for a few neighbors to join together and scoop out a pond if no river or lake is within reasonable distance. Even if such pond ice is not fit to use in cream directly, it will cool as well as the best. The cost of an ice house need not prevent anyone from having one.

I have seen ice preserved by stacking it on a two-foot layer of sawdust and covering it in the same manner. A small orifice was left in the center of the pile, the entrance being protected by two feet of straw packed between boards. There meat could be kept fresh for a week or more. Such an ice vault should not be opened more than two or three times a week, as otherwise the ice will melt too fast. This is not the best way, however, and houses may be built to suit each one's purse. In this, as in other matters, co-operation between three or four neighbors is the thing.

If the floor is absolutely tight and laid on a layer of sawdust, that is the best, but it will do very well to pile it on a thick layer of sawdust or even straw provided good drainage is secured (not necessarily direct drainage, but a layer of gravel, for instance). Both inner and outer walls should be made of matched material in order to get the best results. The inner wall may be dispensed with and the insulating done as the ice is piled up, but this will waste more material. Such a wall filled with dry sawdust or chaff will stop the air circulation even better than a whole lot of board and paper partitions and will, as a rule, be much cheaper in the country. A series of air spaces allows circulation in each and unless there are many of them the insulation will not be perfect, but they are cleaner and are not so apt to get damp and rusty as the solid sawdust or chaff which every few years must be taken out and dried.

A combination of the two systems might possibly be the best, say twelve or eighteen inches solid in the center and an inch air space on either side. The floor should slant toward the center so that the ice will lean that way and not in melting press on the walls. It is enough to cover the ice with a foot or so of the insulating material, but above this free circulation of the air should be allowed. If exposed to the sun it is a good thing to have a sort of tent roof above the regular roof so as to provide shade. The value of various insulating material may be ranked in the following order: Cotton, husks of barley, wheat or oats, leaves, chaff, husks of rice, wheat straw, sawdust and peat—all losing value if not dry. Chaff, leaves and husks should be used under the ice in the bottom, as when damp they easily ferment and develop heat.

If a refrigerator is desired, small double boxes may be constructed on the farm with from two to four inches thickness of felt or six inches of sawdust, and will do nicely, though refrigerators can now be bought at reasonable prices.

We heartily concur in what Mr. Sorensen has to say about the value of ice to every family. However, we doubt if under all circumstances it is practicable for neighbors to go in together on this proposition, by building a house large enough for three or four families. We are inclined to think that under such circumstances the refrigerator would too often run empty, while on the other hand if the ice is within a few feet or a few rods of the dwelling house, it only requires the matter of a few minutes for the men to put in a block before going to the field in the morning. One essential feature in the building of an

ice house is to see that no air enters through the foundation or through any part of the walls. Where such occurs the ice will very soon be perforated by air currents and when once these work their way through the supply will soon run short. The matter

of drainage is also important, though we have known one or two instances where a pit three or four feet deep held ice wonderfully well without drainage. Of course it is always desirable to place cinders or sawdust in a goodly quantity on the floor of the house.

Shall We Select the Best Looking Ears of Corn For Seed?

BY ALBERT N. HUME, ILLINOIS.

The question has arisen a number of times of late as to whether or not it is advisable to select ears of corn for seed that conform to any particular set of characteristics. Can we tell by looking at an ear of corn whether or not it will be a good seed ear? Someone has written words to the effect that the principle of selecting seed corn by the appearance of the ear is unmitigated nonsense. Granting that it may be partly nonsense, there still remains a question whether it is unmitigated.

I am certainly not writing for the purpose of arguing with anyone concerning the merits of seed selection by score-card points. In fact, we have evidence to show that careful breeding by the row method is the only means yet discovered for securing seed of the highest productive power. Lest I be understood as not in favor of the most careful breeding of corn, the following table is given. It illustrates the advantage of the most careful breeding, especially as it is affected by cross fertilization:

VARIETY TESTS AND EFFECT OF DETASSELING—ILLINOIS EXPERIMENT STATION—1905.

Name of Variety.	Yield Per Acre.
Golden Eagle	65 bushels
Riley's Favorite	67 bushels
Beatty's Yellow	64 bushels
Leaming	59 bushels
Reid's Yellow Dent	63 bushels
Reid's Yellow Dent	63 bushels
Reid's Yellow Dent	67 bushels
Reid's Yellow Dent	63 bushels

EXPERIMENT STATION LEAMING BRED FOUR YEARS.

High Protein detasseled	73 bushels
High Protein tasseled	67 bushels
Low Protein detasseled	73 bushels
Low Protein tasseled	63 bushels

Now the above data is the result of one year's work and must be considered as such. Disregarding the Leaming plot that grew from weak seed and

comparing the others, it is obvious that the highest yielding corn on any of the plots was the High Protein Detasseled Leaming. Why? Because it had four years of breeding, including the fact that it was carefully cross pollinated. So we certainly advocate the breeding of corn by the row method and the detasseling of alternate rows to secure greater vigor. We believe in using every means to secure greater yields in corn.

But this does not argue that we should not pick out the best-looking ears for seed, and that they be not carefully tested before planting. It does not mean that we should not have a score card, and use it to create good, healthful enthusiasm in our corn shows. At least if it does not mean this, someone will have to explain it to me further. There seems to be some apprehension that the use of the corn score card will do harm rather than good—simply because one cannot tell all about the breeding of an ear of corn by looking at it. But for one, I am in favor of the score card, because it has been and still is a means toward advancement.

It is difficult to prove with figures just how much score card selection has accomplished. Moreover, the opinion of anyone without statistical data to support it is of small value. The best we can say is that figures indicate that past methods of seed selection according to the score card have not been harmful—have indeed been good.

During five years from 1896 to 1900 the average yield of corn per acre in the United States was 24.8 bushels. The average yield from 1901 to 1905 was 26.9 bushels. We are at least raising more corn since we began to study the proposition than we did before. We seem as little likely to discontinue the corn score card now as we seemed like-

ly to discontinue the live stock score card some years ago. Neither one is infallible; both have a legitimate use.

The state of Illinois during the four years just passed has produced 36.8 bushels of corn per acre per year; the highest average yield for four years that has ever been produced in the state, and this practically without the use of any commercial plant food. The average for the earlier four years (1897 to 1900) was 33.8 bushels-per acre. From these figures it is evident that this state, which I mention because it is the one I am most conversant about, has increased in corn production per acre during the four years just passed. Further, this can hardly be ascribed to any increasing richness of the soil, for as in other states the soil of Illinois has been somewhat depleted.

Corn production is certainly greater than it otherwise would have been, due to better methods of seed selection, planting, and cultivating. The enthusiasm which engendered these better methods has been due to a very great extent to the use of the score card. For instance, the enthusiasm led men who had formerly gone to the crib for seed corn to select seed in the fall and store it with care. It led men to carefully select corn for seed, which was best according to their judgment instead of hurriedly running it through a corn sheller in the morning of the 10th day of May.

If one is to start a herd of animals of unknown pedigree, he will not find a few of the poorest-looking scrubs. Neither will one who begins to breed corn and has only ears of unknown pedigree be content with scrubs. The ears he selects will conform somewhat nearly to the score card. So the score card has had its mission. It has helped us along the way and will continue to do so.

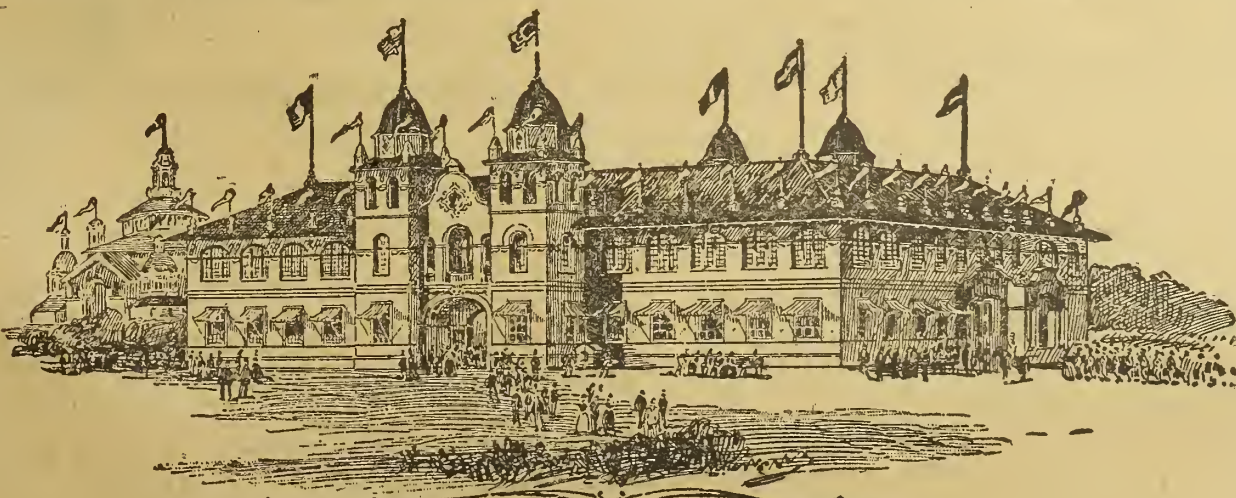
Having selected seed corn intelligently one may well conduct a breeding plot, providing the arrangement can be made. Such a procedure would be advised by everyone. When good ears come from the breeding plot, that are known to be the highest yielders, do not cast them aside in case they fail to come up entirely to score-card requirements. The score card must not interfere with the best corn.

Only those points should have place on the score card which have a basis in reason. If any of them are found to be incorrect they must be discarded. Thus only can we hope for improvement.

KILLING HOG LICE IN WINTER.

The following communication has been received from a subscriber, Mr. Thomas Thompson:

I have been somewhat interested in the discussion of the subject relating to killing lice in winter, and I note that you invite subscribers to give their experience along this line. The best plan that I have ever come across for killing lice on hogs in cold weather is to use lard. Last year I bought a hog and found after he was brought home that he was covered with lice. I warmed some lard and rubbed it around his neck and ears and down the backbone to the tail



The new coliseum at Bloomington, Ill., in which the combination sale of Percheron, French Draft, Shire and Clydesdale stallions, mares and fillies will be held on January 9th, 10th and 11th. See field notes.

and the lice all disappeared without any spraying or disinfection whatever.

This plan is very satisfactory where one only has a few hogs affected, but we have known instances where a hunch of fifty or 100 fattening hogs got in very bad shape, and yet it was not possible to deal with the individual hog. In such an instance one must resort to the practice of cleaning out their quarters and disinfecting them, though we would hesitate long before advising any man to spray or dip his hogs in cold weather.

A plan was suggested last winter by one of our subscribers that was said to be effective, and it was exceedingly simple. He tied some old gunny sacks around posts and kept them moistened with kerosene. The hogs would rub against these old sacks and consequently get fairly well daubed with kerosene and yet not enough to remove the hair. That plan, in connection with cleaning out their quarters and disinfecting them, soon got rid of lice on a big hunch.

THE AGRICULTURAL PRESS.

The agricultural press of the United States never held so high a position in the public estimation as it now occupies. This favorable attitude of the general public results in part from the superior service the farm press is rendering to the farmer, commanding his respect, confidence and appreciation; and in part from the success following that honorable relation of the farm paper to its clientele. That these mutually advantageous relations have produced a satisfactory condition in agricultural journalism, was clearly apparent at the annual meeting of the National Agricultural Press League at the Grand Pacific Hotel in Chicago last week. The attendance at the meeting was the largest in the history of the league; the membership had recorded a fine increase, and the enthusiasm evoked by the interchange of views and plans was of the heartiest and most contagious sort.

The election of officers for the coming year resulted as follows:

President, James M. Pierce, of Des Moines, Iowa.

Vice-President, M. W. Lawrence, of Cleveland, Ohio.

Secretary, John M. Stahl, of Chicago.

Treasurer, B. F. Billiter, of Huntington, Ind.

Director, A. C. Halliwell, Chicago, Ill.; J. H. Neff, Kansas City, Mo.; W. D. Hoard, Ft. Atkinson, Wis.; Norman J. Coleman, St. Louis; Wm. J. Thompson, New York City; H. L. Simmons, Springfield, Ohio.

Plans were matured for broadening and extending the work of the league in the editorial, advertising and circulation departments and to make the future sessions more helpful in these and other respects. Committees were appointed to carry forward the work so auspiciously begun at the meeting. The work of Mr. Wilmer Atkinson, of Philadelphia, in championing the rights of the agricultural press respecting postage rates was heartily commended. Suitable action was taken on the question of the distribution of common garden seeds by the department of agriculture, a more progressive policy being favored. The meeting closed with a banquet.

The Utility of Line Breeding.

To the Editor of The Homestead:

The value of understanding a good pedigree and of breeding along family lines so as to improve and keep in control a certain fixed type and characteristics of the herd is one of the most important and essential phases of the successful and intelligent breeding of a herd of pure-bred swine, and the new breeder should familiarize himself with it, for it is worthy of his attention and study, and much, if not all, of his success will depend on his knowledge of how to mate his animals to obtain the best results. The matter of selecting foundation stock is of supreme importance and from practical experience in the business for a number of years my advice would be to select the foundation stock from some established herd whose owner has a good reputation and where the animals had been bred along family lines until they had certain fixed qualities and would have the power to transmit these qualities and characteristics to their descendants.

These descendants will be sure of possessing in a marked degree certain permanent and fixed qualities that can be depended upon to do the certain thing for which they were created.

Most all of our successful breeders agree that the only true way to develop and perpetuate a certain fixed type is by breeding along family lines. In this way the infusion of new blood nec-

essary to counteract the effects of close in-breeding will be kept in control, so that the type will not be lost and spoil the results of years and perhaps the lifetime of systematic breeding. The fixed principle upon which all of the rules of breeding are centered is termed heredity. This is the principle which causes a resemblance, a similarity, and fixes in the individual the type and characteristics of its ancestors.

Man by selection has been able to work in unity with the principles of heredity until he has developed an animal that will produce more meat on a certain amount of feed in a shorter time, thus enabling the farmer and feeder to realize a larger amount of profit on the amount of feed consumed than with its ancestors, the old time, common hogs or scrubs.

While I do not hope to state any new truths—anything that those who are breeders do not understand, yet I hope that this may prove of benefit to the readers who are contemplating going into the business of breeding pure-bred swine. The new breeder oftentimes orders his pigs from some well-known breeder by letter, as follows: "Two good sows and a boar not akin." It is more than folly for a breeder to try and induce him to accept the sows and an excellent boar that has been bred along similar lines until he can be depended upon to produce uniform litters of the same type when he is mated with the two sows ordered. The result is that right at the start the new breeder introduces a too-violent outcross and invites the very elements that will destroy the result of years of practical and systematic breeding.

By mixing the blood of these animals he invites a conflict between contending forces and the type is destroyed, the model lost and heredity leads the animal back to the original scrub, or worse.

The breeder condemns the breed and tries another with similar results until it becomes fixed in his mind that the pure-bred hog is no more profitable than the scrub.

The value of inbreeding to the extent of fixing and perpetuating a type is settled in the minds of our leading breeders. Outcrossing is risky, but unless there is a constant infusion of new blood that has been held in control for one or two generations, the results of inbreeding will prove disastrous and lead the animal back to the scrub.

In this manner of introducing new blood into the herd it can best be secured by the occasional purchase of sows, thus enabling the breeder to grow and develop his own boar pigs for use in his herd.

There is more real credit in growing and developing one excellent sire than it is to purchase ten of the same kind. It clearly shows the index of the breeder's ability in caring for his hogs and intelligent breeding and selection. In all cases I would prefer to have a boar of my own breeding at the head of my herd.

The man who stands at the very front of the breeders of one of our leading breeds of swine has not purchased a boar for over twenty years. This man has given the world four of its most famous boars and his name is well known in all places where pure-bred swine are appreciated.

The application of line breeding with good care and liberal feeding has given the world most of its famous sires and dams.

It has given the Tom Corwins, Tecumseh, Perfections and Mischiefmakers to the Poland China breed of swine. The Longfellows, Lord Lees and Masterpieces to the Berkshire breed and so on, through all of the leading breeds of swine.

The value of a good pedigree and breeding for a definite purpose is well worth the most careful consideration of everyone who is thinking of investing in pure-bred stock. Wm. M. Kelly, Kansas.

Heating Water for Hogs.

To the Editor of The Homestead:

In reply to you very timely article asking if any of your readers could furnish information concerning an inexpensive, satisfactory and convenient means of watering the hogs in winter, I will say that there is one subscriber who has given this matter attention and solved the problem to his own satisfaction. I am pleased to explain how I succeeded along the lines you mentioned and in

what ways having warm water to drink mornings and nights benefited our hogs. After more or less complaint about running in and out of the house after warm water we resolved to invent some plan to eliminate the nuisance, please the women folks and make our own work easier, to say nothing of improving the condition of our herd of swine.

We found that having warm water also solved another problem that is of much importance to a breeder and also the grower of market hogs—that of keeping fall pigs growing during the winter. We noticed more favorable results from using warm water for drinking and mixing the cut alfalfa and mill feed among the growing pigs and the breeding herd than among the bunch we were fattening, but of course they were being fed a more fattening and heat-producing ration than the breeding herd and pigs. A young animal or a thin one is more susceptible to cold than a fat one, but everyone who has had experience among hogs realizes that nothing will put a hog's digestive system in good shape quicker than warm water, and much of the indigestion and piles among the hogs is due to drinking ice water and chilling the digestive organs.

While my plans could not be put in practice on every farm, it is practical on all farms that have a windmill or spring water that can be raised to the second story of the house for use in the storage tank above the water boiler that is heated by the kitchen range. We placed our pipes from the pipe that carried the hot water into the sink, down into the cellar and then through the cellar wall three feet under ground to the piggery, a distance of 460 feet, and then up into the feed room into a tank that held about 200 gallons and from that we piped it into their cement troughs. We mixed the water in the tank to insure it being of a uniform temperature for what stood in the pipe between the house and the piggery was cold, and when that was hot from the hot-water boiler reached the tank and was mixed it was all about 90 degrees temperature. In this way we could have the seventy gallons of hot water from the boiler and mix as much cold as we wanted to let run, but of course all that passed through the hot-water boiler was heated more or less and we could keep all we used at an even 90 degrees, if we were at all particular.

This plan was used in New York state before we moved part of our herd to Kansas, and while the entire cost of the outfit amounted to about \$110, it included the expense of piping the water into the house, the storage tank upstairs, the seventy-gallon, two-hundred-pound-pressure boiler and the hot-water front in the kitchen range, yet the main cost should not be charged to the hog end of the business, for every up-to-date farm house should have this arrangement for the house alone. Therefore, the only cost that could be charged to the hogs would be the necessary pipe to carry the water to the piggery, couplings, etc., and a shut-off under ground to keep the water at a sufficient depth to prevent it from freezing during zero weather. The total cost of the outfit complete from the kitchen sink to the troughs in the piggery, outside of our own labor, amounted to less than \$35.

I never considered this plan anything more than a practical necessity and I am giving my ideas hoping that they may help some fellow breeder. It is easy enough to plan a system of water works for the farm that will work all right during moderate weather, but unless great care is taken in putting them down below all danger of freezing there will be trouble when the extremely cold weather comes, and any man who has had experience in thawing out pipes in the winter with all of his stock waiting for water will not be apt to think lightly of my advice to look out for trouble in putting down your pipes. Water standing in an iron pipe will freeze unless every precaution is taken to guard against it.

It takes considerable thought and some practical experience to place a system of water works on a farm that will not be practically useless during a week or ten days of extremely cold weather. If any man wishes to please his wife and women folks, make his own work easier and keep his pigs growing and in better condition, he will do well to study these simple plans.

The loss of one fine sow by drinking cold water immediately after farrowing would pay all the expense of piping from the house to the piggery, and I am sure you can get a good many dollars'

Let Us Send You Our Book.
about good wheels and good wagons that will save you a lot of work and make you a lot of money—
ELECTRIC STEEL WHEELS
—and the—
ELECTRIC HANDY WAGON.
By every test, they are the best. More than one and a quarter millions sold. Spokes united to the hub. Can't work loose. A set of our wheels will make your old wagon new. Catalogue free.
ELECTRIC WHEEL CO., Box 43, Quincy, Ills.



ELECTRIC

worth of benefit by the growth and improvement in your herd. This plan will save a great deal in the fuel bill, for the same feed that is utilized in the sary for a herd of one hundred head of swine.
Wm. M. Kelly.

Cowley County, Kan.

Is Your Farm For Sale?

Is your farm for sale? Have you other land you would like to sell or exchange? Do you wish to hire help? Have you poultry, eggs, pets, machinery, implements or other articles for sale that other farmers need? If so, insert an advertisement in The Homestead's department of classified advertising. It will cost you only five cents a word for each insertion, no insertion being accepted for less than \$1.20, and cash always to accompany the order, as we keep no books on this kind of advertising. By special arrangement every classified advertisement in The Homestead is inserted without additional charges in The Farmer and Stockman, Kansas City, Mo., and The Wisconsin Farmer, Madison, Wis. These three papers have a combined circulation of over 165,000, covering the great, rich agricultural states of Iowa, Illinois, Missouri, Nebraska, Wisconsin, Minnesota, the Dakotas, Kansas and Oklahoma. Tell the farmers of these states what you want to buy, sell or exchange and you will almost certainly find a customer. Copy for your advertisement should be in our hands on or before Saturday of the preceding week. Address, The Homestead, Des Moines, Iowa.

We would like to call our readers' particular attention this week to the way the serial story by the Litchfield people analyzes the position their machine occupies at the present time, going thoroughly into the question of "Foundation" and "Quality." See page 5.

THE GALLOWAY WAGON BOX MANURE SPREADER.

We are reproducing here an illustration of the wagon box manure spreader of the William Galloway Company, which is destined from this time forth to cut a considerable figure in the manure spreader business. By reference to the large Galloway advertisement on page 9 it can be seen in the headlines how the new Galloway spreader is destined to affect the trade. There is to be a saving of just about one-half on the cost of the spreader at the prices now prevailing. The state of Iowa has been a good territory for manure spreaders for years. All the manufacturers have invaded it in force. The Galloway Company, located at Waterloo, Iowa, have been the first to take advantage of an excellent opportunity to greatly lessen the price and still, so they claim, not decrease the real value of the spreader. Every farmer has his own wagon gears. Why not use them to carry his spreader? The box with its gearings and attachments are the whole of the spreader. The gears are the same as the ordinary wagon. There is no



occasion for the farmer to buy duplicate gears. The point is well stated in a line in the advertisement, thus: "Why tie up \$65 in a spreader truck, useless eleven months in the year?" The new Galloway wagon box spreader is sold at \$59.50 with freight paid to destination. It is also sent out on thirty days' free trial, so that the purchasers may know that it is easily fitted to their wagon trucks, and that is really all that is claimed for it. The Galloway Company are not unknown to our readers. Many are now using the labor-saving new model riding harrow cart which was perfected by Mr. Galloway and has had such remarkable sale for the last few years. The guarantee of the Galloway Company on the new spreader is backed by a \$25,000 bond. If you are considering the purchase of a spreader it would be well to look up the Galloway advertisement and write for the booklet there mentioned, giving particulars. Address William Galloway Company, 109 Jefferson St., Waterloo, Iowa, and say you saw the advertisement in The Homestead.

Farm Furrows

Turned by a Practical Farmer.

They tell me that some of the business men in town are now dictating their letters into a phonograph; that this phonograph talks it back again into the ears of the typewriter and she puts it on paper. This they say will do away entirely with the science of stenography. Wonders will never cease. The next thing that will happen will be that some smart fellow will start up an agricultural paper and edit it with the "funnygraph."

I heard a clothing man the other day in town deploring the fact that we were having so much fine weather. He said he couldn't sell anything these days, but I was putting corn in the crib at the rate of about 200 bushels a day and wasn't growling at all. It all depends on the view-point. Any business man ought to be able to figure out that good weather now means good business later on. Of course it is man's prerogative to kick, and let him kick.

I think the old question, "Which is the most destructive, fire or water?" was settled years ago, because these days I never hear of it being debated. I suppose most of our readers who are getting toward life's western horizon, like myself, will remember the day when this important matter was being decided. If the little schoolhouse on the corner had done nothing more, it would be worthy a place in our affection, as it was always headquarters for important debates like these.

Leading land owners now protect the wild game on their domains. Signs on posts and trees are now commonly seen about the country. It seems like a small thing to the town hunters and boys who regularly make the rounds, but think of it in this way: Which would you prefer—to allow some careless hunter a few hours of sport or to shelter a covey of quails or flock of chickens and enjoy the pleasure and benefits which their presence affords throughout the year?

I don't have to vouch for everything being true that is passed along from the daily papers. I noticed recently in one of them that a woman became infatuated with a "hay box" as a cooking utensil. Hubby was prevailed upon to make one and the thing was given a trial. Later he was complaining to a friend about the whole proceedings. "Wasn't the pudding good that was cooked in the hay box?" said the friend. "Yes, the pudding was all right, but it spoiled the hay for the cows," was the reply.

I lost a very nice hog the other day as a result of a piece of fool business on the part of the hired man. He acknowledges the foolishness, but I am out the value of the pig. He tried to drive this pig through a gate and of course he (the pig) turned and went down the lane lickety-split, man after

More Thrift—More Profit.

WE guarantee that Standard Stock Food will put and keep every animal on your place in a vigorous, healthy, thrifty condition at less cost to you than will any other means you could possibly employ.

We sell Standard Stock Food to you on that square-deal guaranty.

The modern domestic animal kept on high feed needs a little help from day to day—not medicine or dope or physic, but something to give variety to the ration and to make it taste better.

The animal needs something of this kind, a condiment, a flavoring, a seasoning, just as you need salt and pepper, mustard and horse radish and various kinds of flavors and seasonings to help you digest your food.

Standard Stock Food makes the ration taste better so that the animal eats it with a greater relish.

The very smell of it makes the animal's "mouth water"—that is, it stimulates the flow of saliva and other fluids which perform the work of digestion so that the animal digests its feed more quickly, more easily and more thoroughly.

Hence it makes the feed you feed go farther because less of it passes through the animal undigested.

Its tonic properties quicken the circulation, aid assimilation and put the entire system in that prime condition which makes for finer finish and bigger profits.

We say Standard Stock Food does this better than any other stock food because it is made of purer, better ingredients, more scientifically compounded.



STANDARD STOCK FOOD
"IT MAKES STOCK THRIVE"

As to its quality, you don't even have to try it to be convinced. If your dealer will open packages of various stock foods and let you compare them, you will find that the Standard looks better, smells better, tastes better and is better than any of them. It is stronger, richer and more concentrated.

That's why you need feed so little

STANDARD STOCK FOOD CO.,

1516 HOWARD ST.

OMAHA, NEBRASKA.

of it and that's why it costs you less per animal per month than any other stock food made.

Do not be misled by a low price per pound. Examine the directions for feeding on various packages and you can see for yourself that a dollar's worth of Standard Stock Food will last longer and go farther than any other. It is the most economical stock food made.

Our Square-Deal, Money-Back Guaranty.

You buy Standard Stock Food on a money-back guarantee. If it does not do exactly what we say it will do, you get your money back. You know the editor of this paper would not print this advertisement if he did not know that we will do exactly what we agree to do.

Go to Your Dealer

and ask him to supply you; if he cannot, do not take a substitute but send to us direct. We will ship immediately and protect you with our square-deal, money-back guaranty.

Free to You.

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

him and by the time he brought hoggy back the porker was all in—died in less than a minute after he stopped running. Never run a fat pig.

The Furrows man is not an expert chemist, but he has made a little study of the subject. Such terms as carbohydrates, protein, etc., used to bother him, but now the difference is very clear. Protein, it seems, contains the element nitrogen, while carbohydrates do not contain this element. Nitrogen, no matter in what form it is found, is always expensive and costs practically fifteen cents a pound. That is why by-products of mills sell high—they are rich in nitrogen.

Had a new experience this year. Put out ten acres of pumpkins and corn and expected to gather several trainloads for a big bunch of hogs. I do not believe that one blossom in one hundred ever made a pumpkin and I am utterly unable to tell the reason. I only had ten or twelve wagonloads from the whole field—I think I should have had five or ten times as much as that. A neighbor of mine had a similar experience. I shall

save but little seed of that variety, as I do not believe the number of staminate and pistillate flowers are suitably balanced to bring forth a good crop.

I don't like the word "kid" as a term for children. Of course, like everybody else, I use the term, but it is more or less vulgar in my opinion. A twelve or fourteen-year-old boy that can husk out fifty or sixty bushels of corn a day is too good a boy to be called a "kid." He is a little man, and deserves a new rifle or a new overcoat or anything else that he likes after the corn is out.

I visited a friend recently whose farm adjoins an interurban right-of-way. Cars go by his place at the rate of about forty-five miles an hour, and they stop at every cross road to pick up passengers. Land has doubled in value during the last five years since that road was established, and the end is not yet. It costs a cent and a quarter a mile to ride on this electric road, and the cars seem to be about full all the time. I am told that the line is immensely profitable. In every way these electric lines seem to me to be a good thing.

The Furrows man expects to ask a good many questions during the next few months, and he would like them answered, the answers to appear in this paper. Take the problem of feeding hogs: If you have in mind making a bunch of hogs weigh 275 or 300 pounds by the time they are ten months old, does it pay to feed something besides corn? Of course mill feeds and oil meal and tankage cost money, but does it not pay to feed a little less corn and use some of these flesh-forming foods? Let us have a discussion of that subject in this paper.

I can think of no expenditure that will add so much to the comfort of living as the instalment of a furnace in a home. The interest on the investment of installing a furnace will not be more than \$5 or \$6 a year, though the comfort from its use will pay dividends up in the hundreds if it could be computed. Of course it takes a little more coal to run a furnace than it does to keep a house half heated with a stove or two. But why not be comfortable? In addition to the extra warmth, you have all the extra dirt in the furnace room and all the heavy work of keeping up the heat can

A Knox Big Grinder

Will Make \$6.00 a Day for You

THERE'S nothing like it for a neighborhood feed grinding proposition.

You know lots and lots of your neighbors grind their feed—rather they take it to the custom mill and have it ground.

If you have a fast grinding mill like the Big Knox you can get nearly all that trade that passes your place.

No trick at all to get it if you go after it, and can take care of it. They pay the town miller 3c to 5c a bushel. You might as well have that.

Mr. B. C. Bennett, Ashawa, Iowa, writes: "I can grind 50 bushels shelled corn per hour with my Knox Big Grinder. Made \$6.00 in 5 hours grinding for my neighbors."

You or anybody else can grind your 50 bushels an hour—easily.

Just figure a little. Suppose you charge the lowest price, 3c a bushel. That's \$1.50 an hour. Grind 4 hours, and you've made your \$6.00.

The neighbors will easily keep you busy that much of the time. And the four hours don't break into your day so very badly either.

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And then think what it means to always have the Big Knox ready for all your own grinding. Remember, it's a mill, not a toy. Weighs 800 pounds. No limit to the work it will do.

You can buy a Knox Big Grinder direct from us for \$23.25. Such a mill, bought of a local dealer, costs \$40.

Will it pay to own one? Don't you see you can make it pay and pay big?

10 Days Free Trial

You are welcome. See for yourself its strength, its light draft, simplicity, its cup oil bearings, why it can't wear out. Just one set of burrs has ground 10,000 bushels.

You ought to have it. Write for free catalog today.

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(Sold with or without elevator)
CRUSH ear corn (with or without shucks) and **GRIND** all kinds of small grain. Use **Conical Shape Grinders**. Different from all others.

LIGHTEST RUNNING.

Handy to Operate. 7 Sizes—
2 to 25 h. p. One size for wind-wheel use.

Also make Sweep Grinders;
both Geared and Plain.

E. N. P. Bowsher Co.
South Bend, Ind.

FEED MILLS

be done by the men. If you have stoves the women do most of the tussling with the fuel. It isn't too late to install one yet this year. If you have a place for it in your cellar a good man will put one in in about two days, and it is not a very big job to insert pipes through the walls.

Nothing is more common than to hear men say that the Poland Chinas are not so prolific as they formerly were. The department of agriculture at Washington has looked into this matter and finds that during the period from 1882 to 1886 the average size of the litters was 6.91, while from 1898 to 1902 the average size of the litter was 7.44. These figures are not based on guess-work, but are computed from the records of several thousand sows. The man who has it in for the Polands, however, will not put this item in his hat-band for reference.

I have met a large number of mean men in my lifetime, but there is one who stands out in my memory like a wart on a baby's nose. About twenty years ago I hired a man to husk corn at so much per bushel. When he came in at noon we would measure the load and then I would go off about my business. He would put it off and of course go to husking again. One of the kids got in to ride to the field with him one day and discovered that he didn't shovel off the whole load, but took to the field with him again several bushels of corn. I watched for him the next day, and sure enough he marched into the field with about ten bushels of corn. To say the least, the atmosphere around there was a little sultry for half an hour.

THE INTERNATIONAL EXPOSITION



Since its inception in 1900, the International Exposition of Chicago has been regarded as the crowning event of the year from the standpoint of those who are interested in live stock improvement. The years of its history have been fat years and each succeeding event seems to eclipse former records. The mammoth crop in the corn belt for 1906 naturally led to the belief that this year would sustain past records, if not go beyond them. The history made last week rounds out a notable record thus far for this exposition.

In spite of the fact that very disagreeable weather prevailed during the week, the attendance, especially from outside Chicago, was most gratifying, though the raising of the entrance fee from a quarter to half a dollar possibly cut down the number of Chicago people in attendance. Yet it must be acknowledged that there were enough there for the comfort of all, and not infrequently the attendance amounted to a jam. Never before were the exhibits placed to better advantage, considered from the standpoint of their educational effect. The free use of placards in stall and on animals in ring gave to the public an ideal opportunity to study the individuality of animals, and in this respect it means that the International is going forward as an educational event.

Barring the fact that the hog entries were less than in former years, the show this year was possibly more balanced than ever before. The sheep, cattle and horses were all exceedingly strong. On every hand you could hear it remarked that the quality of exhibits was never so high as was the case this year. Every man who had time to take his seat at the ringside and hold it for a day would vouch for the statement that the classes in practically every instance were large and that a larger number of animals than usual were superior in point of type and fitness for the show. True, that all classes were not superior to all classes at former expositions. There were those who claimed that in the steer classes there could be found no Shamrock, no Chal-

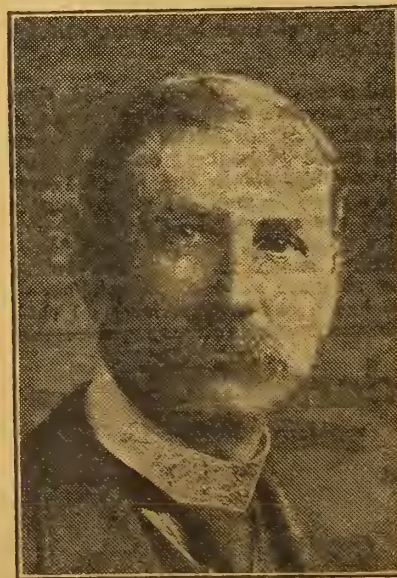
lenger, no Clear Lake Jute, and no Advance, and yet no one denies that the champion steer this year was, for his age and weight, one of the most difficult to improve on that has ever been led into an International ring. The noted foreign judge stated unhesitatingly that he was the best individual calf that he had ever looked over. This is a most glowing tribute from a very high source for the 1906 International. Speaking of the steer classes it must be acknowledged that more than one piece of new history was made. In addition to the fact that a calf won for the first time, the great Short-horn breed had a representative in the line-up for the grand championship prize. This should be encouraging, but there is need for more concerted action on the part of Short-horn breeders in improving the character of the steers shown at this great exposition. The general run of Short-horn steers this year were below par—scarcely comparable at all with the showing made by the white faces and the doddies. The reason is not hard to find, however, as the good ones of this breed are not unsexed as they are in the other breeds.

Rules relating to the veterinarians' examinations were possibly more strictly enforced this year than ever before, and naturally some feelings were ruffled. Dr. McNeil, who was official veterinarian this year, drew the line straight and hewed very closely to it, but in doing so he doubtless had the support of the great majority of those who believe that nothing but sound animals should be shown. In one instance all the animals in a class were sent to the barns without a ribbon, on the score of unsoundness. If this ruling is kept up it may to some extent cut down the number shown at future expositions, but it will certainly improve the quality. Individual states here and there are giving much attention to the examination of stallions for soundness that are used within its borders, and this being true, it would appear that the time has arrived when there should be strict rulings on this point at the great annual show held in Chicago. The province of Ontario alone employs sixteen men, who spend practically their whole time going about the province, their duty being to examine all stallions used for service and put out of business those that are unsound. When we find the people supporting a movement of this kind, it is most commendable to encourage the same thing in shows to the greatest possible extent, and the International is rightly taking the lead in a matter of this kind. No man should complain of the ruling if he has his horses disqualified for unsoundness, because this only leads to better things in the future.

We stated before that the entries of hogs this year were light—so light, indeed, that it would appear as though the day has arrived when the hog department must be cut out entirely or the breeding classes admitted. In the very nature of the case this department is hard to handle. Men, as a rule, will not bring their best breeding hogs to the Union Stock Yards and take them home again, as the danger of spreading disease is too great. On the other hand, it appears that good breeders do not see their way clear to unsex their good hogs and afterwards fit them for this show. It is claimed that a good barrow is often made from a very poor male, and that a barrow show, therefore, throws little light on the type to breed from. Some exceedingly strange

history was made last week in the barrow pens, when the grand championship prize for the best barrow in the show fell to a 600-pound lean hog—a Yorkshire. Against him there were three or four extra good ones between 200 and 300 pounds and also a Poland fat-back weighing about 435 pounds. Yet the committee of judges passed by these lighter types, as well as the fat-back, and placed the ribbon on the big barrow. One of the stock yards men who took part in the judging was asked if a car load like this champion would top the market the day the prize was awarded, and he admitted it would not. He was then asked if such a car load would ever top the market, and he said it would not. Even the Yorkshire men themselves admit that this is a very undesirable kind of hog, inasmuch as he was carried too long, and they propose in the future to cut the heavy hogs out of their classes. We have no criticism to pass on the committee of judges who placed the grand championship prize, but we ask our readers not to take their ratings too seriously.

The entertainment feature of the International, as furnished by the evening program, continues to improve and the program carried out every evening during the week exceeded in interest and in variety anything ever put on at the International. The showing of horses and cattle and the display, especially of the horses to halter, as well as those in heavy harness, made a spectacular feature that no man can quickly forget. Everything went off with a snap and a dash that completely eliminated any tediousness, and no theater



Arthur P. Turner, England, Judge of grade and cross-bred steers.

in Chicago gave greater value for the admission fee than did this great show. In this connection it must be acknowledged that the public is somewhat indebted to those firms in Chicago that have gone to the expense of finding the best geldings in the world, to bring them to this show. England, Scotland, Belgium, Canada and the United States were represented in the gelding classes, and it is not putting it too strongly to say that the showing made in these classes during the week could not be duplicated elsewhere on earth.

The experiment stations again made a great showing in the steer classes, and

though they failed to win the grand championship prize this year, they came within an ace of it, inasmuch as the Minnesota station furnished the reserve champion. The number of good ones shown by these institutions this year again brings up the old question as to the advisability of admitting them. Private individuals who went to the expense and to the trouble of fitting one or more steers took their medicine gracefully this year when defeated by the colleges, and yet it was not uncommon to hear men state that they were in it for the last time so long as these institutions were allowed to compete with private individuals. Of course this has been said before, and yet there is a good showing the following year; nevertheless the feeling is growing that the time has arrived when the colleges and stations should compete with one another and not with the private individual. Their showing was superb this year, and the International would greatly miss them if they dropped out; but it may be if they were out of the way of the private individual that there would be created greater inspiration in fitting exhibits for the steer classes of the great show.

The students' judging contest continues to hold its share of interest, though this event takes place before the judging of the regular classes begins. For the second time the boys from the province of Ontario carried away the trophy for general proficiency in the judging of cattle, horses, sheep and swine. Iowa was second in the general contest, Ohio third, Kansas fourth, Michigan fifth and Texas sixth. The trophy for the best judging in the horse department, done by students, was won by the Iowa institution, Texas being second, Ohio third, Ontario fourth, Michigan fifth and Kansas sixth. The contest this year, without doubt, passed off better than ever before, though even yet there is some room for improvement. Greater pains should be taken to see that the students of all institutions, together with the judges, are given exactly the same instructions, so that each boy and each institution shall have exactly the same chance. It is not inferred that there was any unfairness this year, but there were a few misunderstandings that might have seriously affected the results, if it did not. If this event is a good one, and we do not see why it is not, other institutions should take part in it, thereby making the contest hotter and adding greater glory to the winners, and of course, best of all, giving more boys the experience, which is the end of it all.

Generally speaking, the premium list that we shall give complete in the next few pages tells an accurate story of the relative merit of animals in all classes. There is always side talk about passing things around to satisfy men rather than to make merit in animals the supreme thing, but close observation on the part of a number of members of our staff leads us to the conclusion that in the main the judging was conscientiously done and the animals that won made their final record for 1906 last week, and that record must stand for all time. We have known the public to growl a good deal over decisions without having the opportunity of close inspection—a fact that in many instances makes the public "wrong" and the judges "right." There were a few withdrawals on account of the judges selected to do the work, and this is only a matter to regret. The requests of men who withdrew their animals were in the main reasonable, but that they were not granted is not equivalent to saying that those in charge failed to keep faith with the public. We repeat that the great majority of the awards made at the International were just, and the result of most of the judging was in an educational sense of great value to those who looked on.

The meeting of the International Association, held, as has been the custom, on Monday night, was not well attended, and because of this a motion was unanimously carried to hold the annual meeting in the future on Tuesday instead of Monday evening. The only other item of business transacted this year was the election of International directors. Those elected for one year were: Richard Gibson, E. H. Ingwersen, Robert Taylor, O. E. Bradfute, W. W. Cargill, W. S. Dunham, James W. Martin, A. J. Lovejoy; for two years, W. E. Skinner, F. W. Hard-

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ing, C. F. Curtiss, Tom Clark, Edw. Morris, John Clay, Mortimer Levering and W. A. Harris; and for three years, A. H. Sanders, John A. Spoor, A. G. Leonard, J. Ogden Armour, G. H. Davison, I. M. Forbes, J. S. Cooper and Robert S. Ogilvie.

This is the last International that will be held under the management of Mr. W. E. Skinner. As announced some time ago, Mr. Skinner is obliged to change his location on account of the health of certain members of his family, so that his work in Chicago comes to an end when the affairs of the 1906 International are wound up. Mr. Skinner has been an efficient general manager, and while he has been well supported by the Union Stock Yards and by the board of directors, yet to a large extent he himself has been instrumental in making the International the largest show of its kind on earth. Stockmen generally regret the necessity that has brought about Mr. Skinner's resignation. His duties in the future will fall to one who is eminently well fitted for discharging them. We refer to Mr. Bernard Heide, who has been chosen by the directors to succeed Mr. Skinner. Mr. Heide has been closely associated with the management of the International since its inception. He has a broad acquaintance with stockmen throughout the whole country, and he holds the affection and esteem of these individually and collectively. We ask for Mr. Heide the hearty co-operation that was secured by Mr. Skinner in carrying forward this great exposition.

CATTLE.

SHORT-HORNS.

The exhibit of the Short-horns made a show in itself. It was as a sequel to a story told in the fall circuit. Contests of the past few months were forgotten in the great friendly strife for honor. In some of the classes where a score of the finest kind of specimens awaited the inspection of the judge, it seemed to onlookers as if it were merely a case of a draw. The splendid success of the contest was in no way marred by any friction between exhibitors and judges. John Lewis, Lafayette, Ind.; Wiley Fall, of Iowa, and J. H. Miller, of Peru, Ind., applied themselves most assiduously to the task allotted them. The Short-horn association had liberally added to the list of prizes and as many as

ten moneys were awarded in some instances. In answer to the inquiry regarding the best class, one is compelled to say there was no best. The supreme excellence of nearly every class entered made such comparison beyond the judgment of most of the onlookers.

Exhibitors with herds are found in the following list: Adkins & Stevenson, Bement, Ill. (12 head); W. W. Brown, Amanda, N. D. (6 head); H. S. Bright, Versailles, Ky. (11 head); E. W. Bowen, Delphi, Ind. (5 head); C. E. Clarke, St. Cloud, Minn. (15 head); F. W. Cotton, Manilla, Ind. (10 head); Carpenter & Ross, Mausheld, Ohio (9 head); W. H. Dunwoody, Minneapolis, Minn. (16 head); W. C. Edwards & Co., Rockland, Ontario (8 head); I. M. Forbes & Son, Henry, Ill. (9 head); U. Z. Green, Indianapolis, Ill. (10 head); F. W. Harding, Waukesha, Wis. (21 head); C. Hurtz & Sons, Fremont, Ohio (9 head); Herr Bros. & Reynolds, Lodi, Wis. (7 head); D. R. Hanna, Rayenna, Ohio (11 head); F. O. Lowden, Oregon, Ill. (11 head); N. A. Lind, Rolle, Iowa (6 head); Purdy Bros., Harris, Mo. (12 head); Abram Renick, Winchester, Ky. (5 head); J. G. Robbins & Sons, Horace, Ind. (17 head); C. A. Saunders, Manilla, Iowa (5 head); D. B. Searle, St. Cloud, Minn. (7 head); E. R. Stangland, Marathon, Iowa (9 head); N. W. Wagner, Fremont, Ohio (9 head).

AGED BULLS.

First, Harding on Whitehall Marshall 209776.
Second, Robbins & Son on Scottish Prince 250444.

Third, Purdue Agricultural College on Lord Matchless 207763.

Fourth, Adkins & Stevenson on Invincible Hampton 206226.

Fifth, Hanna on Missie's Diamond 221080.

Sixth, Clarke on Bapton Favorite 231780.

There was a great improvement in the aged bull class over last year's lineup. Three great bulls for first occupied the close attention of the judges for some time, yet there were none who feared for Whitehall Marshall finding his usual place at the head. His freshness and faultless makeup and natural show-ring character, like his famous sire, make him an outstanding winner. Following him came Scottish Prince, a massive rugged roan, lacking some in finish and quality, but withal possessing a great strength of Short-horn character. As some saw it, third choice was made largely on a basis of a straight-lined, well-proportioned conformation. However, as an all round sire he deserved well the recognition. From here on the reasons for places were not so clear and many would have made changes. Bapton Favorite, a very popular bull this fall, deserved probably a higher place and he certainly would have looked well at second, being an excellent type of refined sire with lots of covering and an attractive individuality.

TWO-YEAR-OLDS.

First, Herr Bros. & Reynolds on Royal Sultan 223948.

Second, Forbes & Son on Victor Linwood.

Third, Cotton on Lucky Pride 2d 228570.

Fourth, Ardmore Stock Co. on Superbus 224710.

Fifth, Carpenter & Ross on Highlander 265092.

Sixth, Brown on Bapton Chief 227581.
The roans were again at the head and for sappy, rugged individuals they have few equals. Royal Sultan, a massive fellow, held his place quite easily and is a promising future champion. He afterwards gave Whitehall Marshall a fight for senior champion bull. Second choice of considerable less scale and of a more refined makeup was crowded in over a bull that was a match for him in every particular. A very smooth red filled fourth and had many supporters, as his quality, combined with scale the equal of any in the class, made him stand high in favor at the ringside.

SENIOR YEARLING BULLS.

First, Fletcher on Nonpareil Star 238402.

Second, Edwards & Co. on Royal Favorite 56149.

Third, Summers on Bud White 262802.

Fourth, Forbes & Son on Matchless Robin.

Fifth, Hanna on Diamond's Mariner 241073.

JUNIOR YEARLING BULLS.

First, Renick on Signet 248501.

Second, Purdy Bros. on Lord Champion 254700.

Third, Carpenter & Ross on Avondale 245144.

Fourth, Bowen on Merry Boy 247991.

Fifth, Robbins & Son on Grand Lad 269385.

Sixth, Tietjen on Straight Marshall 247519.

Seventh, Dunwoody on Woodhill Starlight 2d 241260.

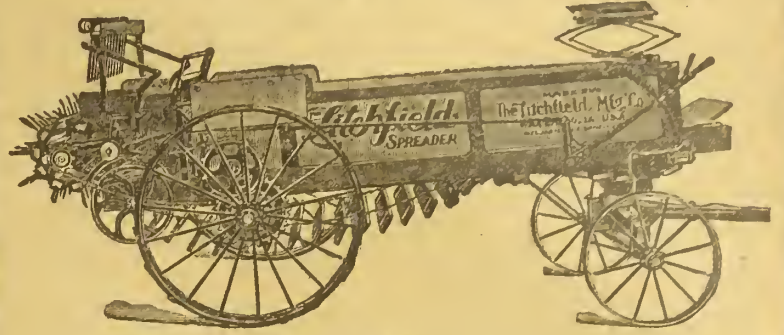
Ninth, Adkins & Stevenson on Lad's Champion 266723.

Tenth, Madden & Son on Gay's Lad 263159.

While seventeen entered the race for honors here the number was only an index of what was to follow in the coming classes.

Signet, the bull that received so much praise at the Royal, was easily first for his elegant style, rich mellow coat and smoothly-inlaid

THE QUESTION



WHY SUCH RAPID GROWTH.

THE QUESTION as to why such a rapid increase in the sales of the Litchfield Spreader, is constantly asked by our friends (competitors and customers alike)—they want to know how we do it, how we find so many new customers, and what our selling methods are. They want to know where we advertise and how, and who sells our goods.

Occasionally a man will ask what there is about the Litchfield Spreader that causes its rapid bid for popularity, but most people do not consider this. They think more about how many canvassers we have out or how many good agencies or what newspaper we advertise in, and don't get right down to the meat of the question and dig to find what there is in the machine itself that causes one customer to make us a great many more.

It is difficult for some people to understand why the Litchfield Spreader which five years ago was unknown to the public, with its entire career ahead of it and its reputation yet to be made—it is hard to make these people understand just how we have succeeded in putting this wonderful spreader at the head of the list and a leader in its line; with a sales record to its credit and hosts of enthusiastic owners fighting for it all over this country, in a manner not equaled by any other machine in existence.

In the beginning our endless conveyor (or apron) was criticised and it was a serious question among many as to its being entirely practical. Time has told the story and answered this question better than anything else could. When we began working towards fewer parts and pieces, we were referred to the old-time machines (some of them on the market for thirty years) and cautioned not to be too radical; our one lever spreader with half the parts and pieces found on most other machines proves that our position was right.

The reason for the wonderful growth and popularity of the Litchfield Spreader can be summed up in two words, "Its Foundation." We have not tried to build up a large spreader business without having as a foundation the best machine that modern experience and facilities can possibly produce. We can say that our large sales are a result of our not trying to sell, but trying to build. It is our belief that a machine well built is well sold, and the record of the Litchfield Spreader is the evidence that we are correct.

Continued next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

frame. For second, the honor fell on a rugged fellow, a mellow handling red of flesh and conformation not common in many rings. In third place was put a stylish youngster, carrying his head pleasingly, though in make-up some faulted his lines and middle which could be overlooked on account of his wide, full developed front and hind. Fourth found himself at a slight disadvantage for being higher above the tankard than his fellows, otherwise he made good his selection, which had many strong candidates.

SENIOR BULL CALF.

First, Forbes & Son on Linwood's Favorite.

Second, Harding on Anoka Sultan.

Third, Bowen on Bouncing Boy.

Fourth, Hanna on Diamond's Crown 258864.

Fifth, Purdy Bros. on Monarch's Viceroy 264469.

Sixth, Douglas & Son on Marigold Prince.

Seventh, Saunders on Consumer 268124.

Eighth, Bowers on Gay Emperor 267526.

Ninth, Clarke on Fair Knight 262490.

Tenth, Clarke on Choice Knight 253397.

JUNIOR BULL CALF.

First, Clarke on Knight Commander 263720.

Second, Robbins & Son on Clara's Choice 269384.

Third, Purdy Bros. on Monarch's Model 2d 264468.

Fourth, Cotton on Mister Lad 269140.

Fifth, Harding on Sultan Commander 263132.

Sixth, Renick on Pantheon 270338.

Seventh, Harding on Marshall's Star 263131.

Ninth, Madden & Son on Gay's Secret 266019.

Tenth, Adkins & Stevenson on Hampton's Monarch 266721.

AGED COW.

First, Clarke on Welcome of Meadow Lawn 9th.

Second, Robbins & Son on Lad's Emma.

Third, Wagner on Lady Marshall.

Fourth, Hanna on Ballachroggan Favorite.

Fifth, Green on Kirklevington Duchess of Maple Hill.

Sixth, Bowen on Victoria of Linwood 8th.

The crowd gathered dense on all sides of this ring, for it appeared at once as the magnificent line filed into the arena, that a royal contest was on. Good judges said it was the best ring of Short-horn cows gathered together for years, possibly the best unconditionally. Extreme fitting should not and did not receive encouragement in such a class and some few found themselves with excellent animals at a discount for excessive fatness. Fourteen were in the lineup. First was a cow of sweet elegance and show type, fitted by the prince of showmen, Leslie Smith. Second was much on the same order, while ruggedness and vigor were most striking points in third choice. Proportion and massiveness were lacking in fourth in comparison to those above, though she is a very sweet matron and handles as mellow as most of them. Fifth place went to a great, wide-spread, matronly female giving less of the finished appearance of those ahead.

TWO-YEAR-OLDS.

(18 in class.)

First, Harding on Anoka Broadhooks.

Second, Clarke on Duchess of Lancaster 13th.

Third, Robbins & Son on Lottie.

Fourth, Clarke on Dorothea 2d.

Fifth, Drummond on Queen Ideal.

Sixth, Carpenter & Ross on Zoe.

This was an exceptionally strong collection, even though it followed such an extraordinary aged one. It was not so difficult to pick the winner here, but after that they looked all about the same to the judges. While the first was younger by some months than her closest rivals, her unequalled show ring character and almost perfect conformation won at once the admiration of all. Larger heifers followed and of the kind of character and proportion that is hard to excel anywhere.

SENIOR YEARLING HEIFER.

(17 in class.)

First, Purdy Bros. on Viscountess of Fairview 6th.

Second, Robbins & Son on Slippers.

Third, Bright on Glen Brook Butterfly.

Fourth, Wagner on Lucy.

Fifth, Adkins & Stevenson on Amy 2d.

Sixth, Purdy Bros. on Fairview Orange Blossom 12th.

Seventh, Harding on Clara Belle.

Eighth, Lind on Lovely Belle.

Ninth, Brown on Phyletta.

Tenth, Clarke on Lady Mysie 2d.

The first heifer in this class was afterwards made the junior champion female Short-horn and she later gave Welcome of Meadow Lawn a warm fight for the championship prize on Short-horn females.

JUNIOR YEARLING.

(22 in class.)

First, Harding on Missie of Browndale.

Second, Clarke on Alice of Meadow Lawn.

Third, Dunwoody on Woodhill May Blossom 3d.

Fourth, Lind on Beaver Creek Arabella.

Fifth, Purdy Bros. on Fairview Orange Blossom 13th.

Sixth, Searle on Winsome Lassie.

Seventh, Harding on Fancy Lovell.

Eighth, Bright on Sarah McCubbing.

Ninth, Adkins & Stevenson on Lady Challenge.



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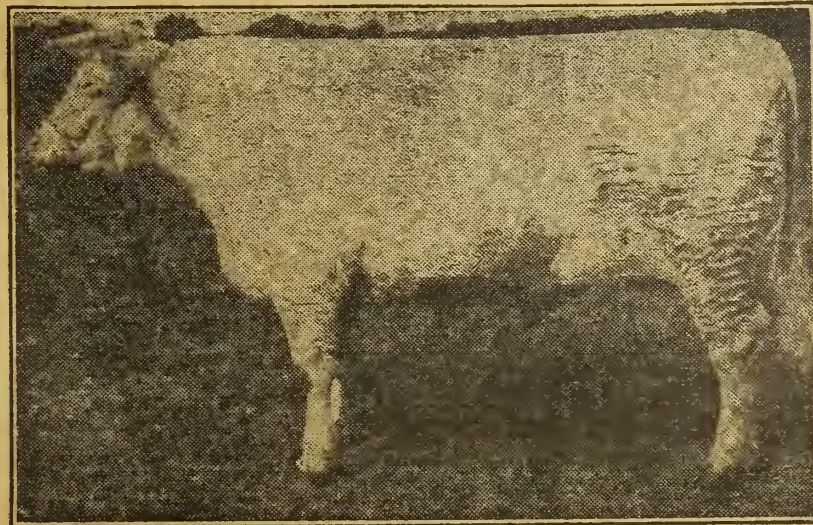
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Champion Two-year-old Steer, all breeds. Tim, shown by Kansas Agricultural College.

Tenth, Forbes & Son, on LaBelle 2d.

SENIOR HEIFER CALF.

(36 in class.)

- First, Searle on Merry Maid.
 Second, Lowden on Smississippi Lady 2d.
 Third, Harding on Anoka Gloster 2d.
 Fourth, Purdy Bros. on Monarch's Ruby.
 Fifth, Purdy Bros. on Viscountess of Fairview.
 Sixth, Harding on Claret.
 Seventh, Searle on Violet Pearle.
 Eighth, Clarke on Lady Dorothea 3d.
 Ninth, Robbins & Sons on Lady Craggs.
 Tenth, Bowen on Mayflower 8th.
 Eleventh, Harding on Broadhocks Sultana.
 Twelfth, Purdy Bros. on Lady Mary 4th.
 Thirteenth, Lowden on Smississippi Countess.
 Fourteenth, Lind on Victoria Countess.
 Fifteenth, Bright on Victor Missie's Victoria.

This was the sensational class of the Short-horn display, and out of the thirty-six that were led into the ring there were more than enough good ones to take the premiums, and the fifteen that fell heir to ribbons were a bunch that has seldom, if ever, been duplicated in this country. The first-prize heifer, Merry Maid, was right at the half ton mark and was a sensational heifer in every way. For thickness and scale you might expect such a heifer to be placed on shorter legs, and her character in head and neck would stand improving. The Smississippi heifer that stood next to her was lower to the ground and had more character about the head, but lacked a little in scale compared with her successful rival. The Harding heifer that stood third was exceedingly strong in the crops and was throughout a graceful, thick-fleshed individual. It was a stubborn class throughout to place, and the judges waded through it with much credit to themselves and reasonably good satisfaction to exhibitors.

JUNIOR HEIFER CALF.

(25 in class.)

- First, Dunwoody on Woodhill Duchess 2d.
 Second, Bowen on Purity.
 Third, Purdy Bros. on Fairview Orange Blossom.
 Fourth, Dunwoody on Woodhill May Blossom.
 Fifth, Robbins & Sons on Roan Bracelet.
 Sixth, Dunwoody on Lady Mary 6th.
 Seventh, Robbins & Son on Lavender Lass.
 Eighth, Carpenter & Ross on Sweet Duchess of Gloster.

Ninth, Saunders on Countess Cumberland.
 Tenth, Dunwoody on Juno of Woodhill 2d.
 Senior Champion Bull—Whitehall Marshall.
 In the choice of the best senior bull was enacted one of the outstanding events of the show. Here two sons of Whitehall Sultan fought as it were in combat royal. For one side there was much to gain; the other a great deal to lose. But the worthy junior, Royal Sultan, was compelled to be content with the honor of having engaged a veteran in a spirited contest, an honor, too, of no small significance.

Junior Champion Bull—Signet.
 Champion Cow—Welcome of Meadow Lawn.
 Champion Heifer—Viscountess of Fairview.
 Grand Champion Bull—Whitehall Marshall.
 Grand Champion Cow—Welcome of Meadow Lawn.

AGED HERD.

- First, Harding.
 Second, Clarke.
 Third, Robbins & Sons.
 Fourth, Hanna.
 Fifth, Brown.

YOUNG HERD

- First, Purdy Bros.
 Second, Clarke.
 Third, Robbins & Sons.
 Fourth, Dunwoody.
 Fifth, Harding.

CALF HERD.

- First, Purdy Bros.
 Second, Clarke.
 Third, Robbins & Sons.
 Fourth, Searle.
 Fifth, Lowden.

PRODUCE OF COW.

- First, Forbes on produce of Victor of Linwood 4th.
 Second, Clarke on Dorothea.
 Third, Purdy Bros. on Victoria of Giltspur 3d.
 Fourth, Dunwoody on produce of Imp. May Blossom 4th.
 Fifth, Robbins & Sons on produce of Imp. Emma 32d.

GET OF SIRE.

- First, Harding on get of Whitehall Sultan.
 Second, Purdy Bros. on Orange Monarch.
 Third, Forbes & Sons on get of Cock Robin.
 Fourth, Robbins & Sons on get of Lad for Me.
 Fifth, Clarke on get of March Knight.

The grand finale of the contest was enacted when four of the sons of Whitehall Sultan, four of the daughters of Orange Monarch and a group by Cock Robin, also one by Lad for Me were entered. Contemporary groups of excellent individuals completed the list of ten. It was a situation that requires the strongest of imaginations to picture. By the magnificence and strength of masculine character, the first group was placed; the second by the wonderful uniformity and feminine sweetness of character.

HEREFORDS.

The select of the white faces only, came to the greatest of American annual shows last week. Many went into winter quarters after the Royal at Kansas City. Numerically the display at the International barns was not a subject of unusual comment, though visitors and supporters in the ring found much to admire in the first-class quality of the animals brought out. Every lover of this rustling breed went away satisfied. Prizes were more liberal than last year and the work of placing the groups passed off successfully in the hands of N. H. Gentry, of Missouri. In all a dozen full herds gathered at the final contest of the year. Wisconsin and Indiana figured most prominently and the former state secured three of the championships. Perhaps for bloom and high fitting this breed was at the top, while the tidy compact forms in the young classes were the recipients of much praise and admiration from the crowd that surrounded each entry. In the senior heifer calves eighteen exceptionally fine ones lined up and to the majority of the crowd the task of finding the best quintet was a question of tedious solution. Competition was keen from start to finish, somewhat more in fact than the awards might indicate. Those with herds at the show are found in the attached list: S. L. Brock,

Macon, Mo. (13 head); Cargill & McMillan, LaCrosse, Wis. (22 head); Edmonds, Shade & Co., Kingsley, Iowa (6 head); W. S. Van Natta & Son, Fowler, Ind. (16 head); G. W. Harness, Galveston, Ind. (4 head); G. H. Hoxie, Thornton, Ill. (9 head); F. A. Nave, Attica, Ind. (15 head); J. C. Robinson & Son, Evansville, Wis. (7 head); Studebaker Stock Farm, Van Buren, Ind. (11 head); Sanford Bros., Eminence, Ky. (7 head); H. N. Thompson, Woodstock, Ill. (12 head); J. B. Wellcome, Waterloo, Mont. (10 head). The awards:

AGED BULLS.

- First, Cargill & McMillan on Princeps 4th 143394.
 Second, Wellcome, on Young March On 144768.
 Third, Harness on Keep On 26th 136177.
 Fourth, Thompson on Capricornus 109735.
 Fifth, Watson on Norwood 106907.
 Princeps has been the talk of the season and any place but first for this great Hereford sire could not be thought of. In some points he might have been equaled by second choice, a bull that has a wonderfully well-carried back. A bit of unevenness detracted from the low, solid-bodied bull in third, while the fourth choice stood a bit above his fellows and lacked that massiveness of his rivals.

TWO-YEAR-OLDS.

- First, Cargill & McMillan on Privateer 2d 182133.
 Second, Nave on Prime Star Grove 184760.
 Third, Nave on Royal Dale 192281.
 Fourth, Sanford Bros. on Beau Donald 71st 187358.
 Fifth, Van Natta & Son on Prime Lad 3d 197984.
 First choice maintained his usual position, and while his proportions are not the most pleasing, he is remarkably strong on top line and shows that rugged character of an impressive sire. Throughout this class scale was good and second choice went to a well-made fellow of better proportions, though less of show ring character in his makeup. Fourth fell to a Beau Donald bull, while one of Prime Lad get completed the quintet of excellence.

SENIOR YEARLINGS.

- First, Cargill & McMillan on Bonnie Brae 3d 203317.
 Second, Van Natta & Son on Prime Lad 9th 213963.
 Third, Hoxie on General Manager 2d 205604.
 Fourth, Nave on Beau Wash 208144.
 Fifth, Haven on Druld 3d 200479.

JUNIOR YEARLINGS.

- First, Van Natta & Son on Prime Lad 16th 213969.
 Second, Huxley on Merry Donald 213387.
 Third, Fluck on Paderewski 225263.
 Fourth, Cargill & McMillan on Donald 207195.
 Fifth, Wellcome on Red Knight 213368.

SENIOR BULL CALF.

- First, Cargill & McMillan on Fulfiller 3d 230508.
 Second, Hoxie on Peerless Perfection 10th 235454.
 Third, Van Natta & Son on Prime Lad 25th 234343.
 Fourth, same on Prime Lad 28th 234346.
 Fifth, Nave on Javan 230564.

JUNIOR BULL CALF.

- First, Van Natta & Son on Prime Lad 30th 234348.
 Second, Brock on Disparter 238025.
 Third, Brock on Dislodger 238024.
 Fourth, Nave on Harold 235794.
 Fifth, Schoonmaker on Nelson M. 240098.

AGED COW.

- First, Cargill & McMillan on Heliotrope 159451.
 Second, Nave on Nutbrown 9th 188681.
 Third, Cargill & McMillan on Twilight 167464.
 Fourth, Van Natta & Son on Rosalind 169015.
 Fifth, Thompson on Cherry Pie 8th 102356.
 Heliotrope has carried herself through the show circuit in remarkable shape for a cow of her flesh. In second place was a beautiful cow with all the qualities of a breeding matron, though more scale would have been acceptable. Twilight kept close to her mate, as always, and was a strong candidate for her place against Rosalind, rather a bit too light to satisfy the critics on weights.

TWO-YEAR-OLDS.

- First, Cargill & McMillan on Miss Donald 17th 184573.
 Second, Van Natta & Son on Princess 197988.
 Third, Nave on November Maid 176654.
 Fourth, Cargill & McMillan on Golden Lassie 182126.
 Fifth, Robinson & Son on Dewdrop 182727.
 Miss Donald set the pace with a type of the highest excellence, having that very compact, smooth form, close to the ground, with a width and depth that gives those surprising weights in this breed. Second possessed scale, but less finished, while third was very near her counterpart.

SENIOR YEARLING.

- First, Cargill & McMillan on Ethel 2d 203170.
 Second, same on Crocus 2d 203169.
 Third, Brock on Lady Ruth 217109.
 Fourth, Brock on Lady Ann 204805.
 Fifth, Nave on Juliet 207960.

JUNIOR YEARLINGS.

- First, Van Natta & Son on Prairie Queen 213961.
 Second, same on Suzette 2d 213976.
 Third, Brock on Lady Lucy 212289.
 Fourth, Nave on Jemima 207959.
 Fifth, Cargill & McMillan on Priscilla 3d 207198.

SENIOR HEIFER CALF.

- First, Van Natta & Son on Margaret 234336.
 Second, Brock on Lady Welmore 233131.
 Third, Cargill & McMillan on Miss Filler 2d 230514.
 Fourth, Brock on Disturber's Lassie 233124.
 Fifth, Cargill & McMillan on Miss Filler 4th 230516.

JUNIOR HEIFER CALF.

- First, Cargill & McMillan on Miss Filler 6th 239659.
 Second, same on Miss Filler 5th 230577.
 Third, Brock on Lady Belinda 238028.
 Fourth, Sanford Bros. on Lady Donald 242908.
 Fifth, Huxley on Alleen Donald 2d 239435.
 Champion Senior Bull—Princeps.
 Champion Junior Bull—Bonnie Brae.
 Champion Cow—Heliotrope.



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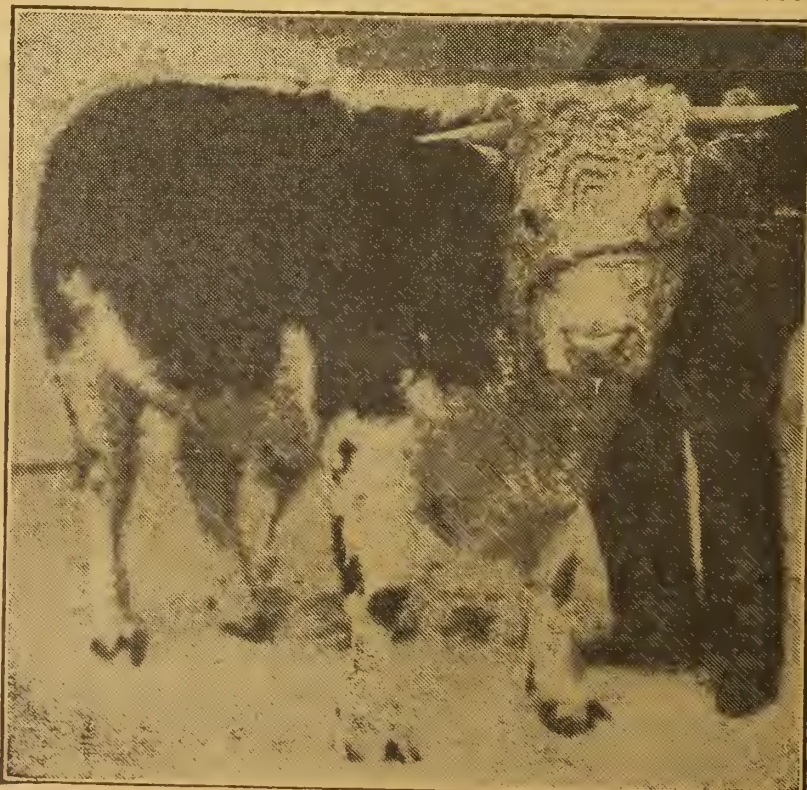
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The Grand Champion Steer, Peerless Wilton's 39th Defender, shown by F. A. Nave, Attica, Indiana.

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Champion Heifer—Prairie Queen.

AGED HERD.

First, Cargill & McMillan.
Second, Van Natta & Son.
Third, Nave.
Fourth, Cargill & McMillan.

YOUNG HERD.

First, Cargill & McMillan.
Second, Van Natta & Son.
Third, Brock.
Fourth, Hoxie.

CALF HERD.

First, Cargill & McMillan.
Second, Brock.
Third, Hoxie.
Fourth, Van Natta & Son.

PRODUCE OF COW.

First, Cargill & McMillan on produce of Tidy 4th.
Second, same on produce of Bell Donald 20th.

Third, Nave on produce of Pretorian.

Fourth, Brock on produce of St. Ann.

GET OF SIRE.

First, Cargill & McMillan on get of Princepts.
Second, Brock on get of Disturber.

Third, Van Natta & Son on get of Prime Lad.

Fourth, Nave on get of Gladys.

ABERDEEN-ANGUS.

Another Angus show has become history and the score of breeders of the doddies that met at the Chicago show last week in friendly contest know now that they were in one of the keenest contests of the year. Visitors were very favorably impressed with the exhibit, not so much from its magnitude as from the excellence displayed in the individuals. One hundred and thirty entries were made and nearly all reported on hand. Professor Rutherford, of Manitoba Agricultural College, worked carefully and found many stubborn problems to solve which he did in a very satisfactory manner. Val's Rosegay, the first choice in the aged bull class, found about the same situation to meet as at last year's contest. In place of the rival that crowded him hard at that time a new one appeared last week in Jim Delaney, standing third in 1905. These two have in fact been buffeting each other steadily for the last few months and even though the awards at Chicago are considered final for the year, each sire is undefeated in the minds of their admirers. P. J. Donohoe furnished the champion bull in Glenfold Thickset 2d. In the contest for grand championship he lost to Val's Rosegay. A. C. Binnie's young stock received a full share of attention and were found at the top of the lists generally, which again proves the worth of their noted sire, Heaster Lad of Emerson 2d. In the produce of cow a strong combination was brought out in Jim Delaney and Fitz Enterprise out of the cow, Corda 15630. The latter was owned at the time by H. M. Brown, of Ohio. Those who came with herds follow in alphabetical order: O. E. Battles, Maquoketa, Iowa (5 head); H. M. Brown, Hillsboro, Ohio (8 head); D. Bradfute & Son, Cedarville, Ohio (10 head); A. C. Binnie, Alta, Iowa (12 head); H. L. Cantine, Quimby, Iowa (6 head); P. J. Donohoe, Holbrook, Iowa (10 head); W. N. Foster, Stone Bluff, Ind. (10 head); H. J. Hess, Waterloo, Iowa (8 head); Geo. Kitchen, Jr., Gower, Mo. (8 head); J. B. Kurt, Bellevue, Iowa (4 head); W. J. Miller, Newton, Iowa (15 head); W. A. McHenry, Denison, Iowa (12 head); F. L. Sullivan, Atton, Iowa (5 head).

AGED BULL.

First, Sullivan on Val's Rosegay 63745.
Second, Binnie on Jim Delaney 62767.
Third, Herendun on Khartoum of Ballindalloch 96807.

Fourth, McHenry on Baden Lad 61883.

Fifth, Cantine on Edward R. 61744.

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Sixth, Miller on Black Prince of Estill 33626.

Seventh, Daughner on Blackset 54462

There were three strong numbers for first in this class. However, the contest soon settled on the two bulls which have been the common talk of the fall fairs among the admirers of this famous polled breed. For type and style Binnie's entry was the most in favor, while for extreme utility of conformation from a beef standpoint the bull brought out by Sullivan has seldom had an equal. He is wide from end to end and right near the ground, while he is much less striking in type and style than his adversary, he is none the less masculine and of strong bull character. An imported bull found third, and for scale he had all competitors worsted, but hardly suited the judges on type, lacking somewhat of that close-made, compactly-put-up conformation represented by first and second choice. Baden Lad was a strong candidate for his position and is a very splendid type of heavy-meated, massive farm, carry great rounds, but not so strong in his middle.

TWO-YEAR-OLDS.

First, Donohoe on Morning Star 2d 75716.

Second, Kitchen on Louis of Meadow Brook 72459.

Third, Miller on McDonald's Lad 66952.

Fourth, Hess on Birtley of Quietdale 71646.

Fifth, Battles on Brookside Fame 73640.

Sixth, Foster on Eraste 2d 78634.

This was another class of quality with the same number of entries, all of which are given, as in the former class. First choice was made quite easily as he represents an admirable type of low-set, well-balanced thick form. Second is not so pleasing in his lines and quality, which made it possible for third to crowd him, leaving the field open to fourth without competition from this source.

SENIOR YEARLINGS.

First, Kitchen on Melbert 2d 84196.

Second, Allaud on Newton King Dodo 81603.

Third, Foster on Echoito 83734.

Fourth, Kerr on Black Major K. 78131.

Fifth, Miller on Belshazzar 2d 83909.

Sixth, Melvin on Black Joe of Rubicon 86215.

JUNIOR YEARLINGS.

First, Donohoe on Glenfold Thickset 2d 88142.

Second, McHenry on Star of Denison 82426.

Third, Hess on Eglamour of Quietdale 82111.

Fourth, Brown on Wells Highlander 80963.

Fifth, Bradfute & Son on Alden of Meadow Brook 84615.

Sixth, Binnie on Elmar Lad 84122.

Seventh, Miller on King Donald 80599.

Eighth, Cantine on Borama 85747.

Glenfold Thickset put up the show in this class that won for him the junior championship. He has the essentials of a good bull well displayed in his fine character and blocky proportions. Many predicted this place for the champion at many fall fairs. Next him was a plainer fellow in style and conformation, though of good scale. Hess followed with a fairly good yearling, while fourth went to an Ohio bull very nearly a match for him.

SENIOR BULL CALF.

First, Sullivan on Beau Ito 84175.

Second, Brown on Fitz Enterprise 86293.

Third, Off on Quaint Fellow 94277.

Fourth, McHenry on Prince Pico 93306.

Fifth, Kurt on Golden Gleam 93256.

Sixth, Bradfute & Son on Leroy 3d of Meadow Brook 95635.

Ten entered this contest and the awarding talent soon found in Beau Ito a strong number for the top. He is by Prince Ito 50006 and has a very promising future. Next him stood a smooth youngster sold to the Minnesota Agricultural College. Next in order came Quaint Fellow and here he exchanged places with Beau Ito, the order in which the two ranked at Kansas City in October. Prince Pico held his place easily and some would have had him promoted, as his neat blocky-type is quite taking.

JUNIOR BULL CALF.

First, Withers on Dalgamo 94796.

Second, Binnie on Even Lad 95008.

Third, McLachlan & Johnson on Sweetheart's Pride 2d 95568.

Fourth, McHenry on Blackbird Barney 93324.

Fifth, Kitchen on Mayor of Oakland 94308.

Sixth, Battles on Black Gaylawn 91941.

AGED COW.

First, Binnie on Gussie of Kirkbridge 64008.

Second, Donohoe on Blackbird Favorite 2d 59234.

Third, Miller on Snowflake 2d of Kirkbridge 64016.

Fourth, McHenry on Glenfold Rose 63489.

Fifth, Hess on Cressida of Home View 66354.

Sixth, Kurt on Barbara of Woodlawn 2d 49584.

Seventh, Kitchen on Mina of Alta 3d 33539.

A type of graceful, full-made female with silken quality has yet to be found to equal the first named selection. Still a very close approach to her was to be seen in the second selection, though of more scale, but less of stylish appearance. Third pick, a half sister to the first choice and sired by Lotterer 63959, was two places above the one just above her at the Royal. Still further rearrangement placed Glenfold Rose a notch lower than at the same place, which tells the reader better than description the even excellence of the three after first choice.

TWO-YEAR-OLDS.

First, Donohoe on Eileen Lass 73102.

Second, Bradfute & Son on Winnie of Meadow Brook 72461.

Third, Binnie on Mina of Alta 5th 73111.

Fourth, Donohoe on Pride of Clover Leaf 73969.

Fifth, McHenry on Barbara McHenry 18th 71677.

Sixth, Bradfute & Son on Twill of Meadow Brook 724460.

Seventh, Hess on Pride of Fashion 68592.

Eighth, Battles on Marguerite D. 72307.

Eileen Lass, which later proved to be the champion female, is a wonderfully full made block of a cow. This is the first impression she gives one. Her character is not as sweet and refined as some others, but nothing serious enough to be faulted. The second place fell to a heifer older by eight months, and with more scale, though far from being as balanced. Third went to a very well developed heifer in Mina of Alta with lots of

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FOR SALE. Choice thoroughbred Plymouth Rock cockerels, \$1 each, 6 for \$5. Mrs. W. E. Roby, Truro, Iowa.

75 B. ROCK Pullets, extra large, 15, \$10. Mrs. C. H. Medberry, Wadena, Iowa.

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ROSE Comb Rhode Island Reds, bred from prize-winning strain. Great layers. Single birds, pairs and trios. A few yearling cocks. Bargains if taken soon. S. L. Weaver, Lake Park, Iowa.

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ROSE Comb Brown Leghorns exclusively. The best lot of cockerels ever raised at Pike Timber Stock Farm, for sale. T. A. Davenport, Belmond, Iowa.

SINGLE Comb Brown Leghorns. Cockerels \$1.00 each; two or more 75c. each; eggs in season, \$3.00 per hundred. Asa Anderson, New London, Iowa.

SCORED and unscored Single Comb Brown Leghorn cockerels. Mrs. Clyde Nelson, Birmingham, Iowa.

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WHITE Wyandottes, score to 96. 150 fine cockerels cheap. Mrs. S. E. Alley, Greenfield, Iowa.

WHITE Wyandottes, Light Brahmas and Pekin ducks. E. S. Dyas, Bellevue, Iowa.

BUFF Wyandotte Cockerels for sale. Hugh Sullivan, Prairie City, Iowa.

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FOR SALE—A fine lot of Partridge Cochins cockerels and pullets, Geo. Mitchell strain, \$1.00 and up. Mrs. C. O. Brewer, Route 4, Atlantic, Iowa.

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SCOTCH Collie females for sale, age five months, sired by imported Glencroft Guard out of working dam. Color sable with white markings, price \$5.00 to \$7.00. Address, Wm. F. Hoppe, Lena, Ill.

RATS. My Scottish Terriers will make them git. Fine pups for sale. S. W. Harr, Riverside, Iowa.

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quality and finish, while Donohoe captured fourth place with another good one.

SENIOR YEARLING HEIFER.

First, Binnie on Blackbird Lassie of Alta 83368.

Second, Binnie on Coquette Lass of Alta 83367.

Third, McHenry on Pride McHenry 45th 82421.

Fourth, Hess on Queen Lucia of Quietdale 82102.

Fifth, Sullivan on Fay Ito 80350.

Sixth, Donohoe on Black Martha 82877.

Seventh, McHenry on Abbess McHenry 6th 82418.

REAL ESTATE.

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560 ACRE RANCH, well improved, in Coffey county, no better in eastern Kansas, at a bargain if taken soon. For description and maps write Lane & Kent, Burlington, Kansas.

GOVERNMENT bonds no better than these farm bargains, being well improved and well located; \$40, \$16,000; 160, \$5,200; 80, \$2,100. Buckeye Agency, Winnsburg, Kan.

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100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstake, Creston Fair. Philip Stalcup, Lorimer, Iowa.

FOR SALE. 200 Black Langshan cockerels and pullets as fine as I ever raised. For prices write E. D. Keasey, R. R. 1, Wiota, Iowa.

TURKEYS.

CHOICE, large White Holland Turkeys for sale. Henry Harrington, Clearwater, Kan.

MISCELLANEOUS POULTRY.

HIGH Scored Poultry. Barred Rock cockerels, \$1.00 to \$1.50; Pekin ducks, \$3.00 trio; Toulouse geese, \$8.50 trio; Fox Terrier dogs, \$8.00 to \$10.00 each. Stamp for reply. J. O. Walton, Belle Plaine, Iowa.

WHITE, PARTRIDGE, Columbian Wyandottes Rouen ducks; won 1st, 2d cockerels, 1st, 2d pullets, White and Partridge at Harris Street Fair. Must sell by Jan. 1st. S. C. Weaver, Lake Park, Iowa.

TWENTY-FIVE Breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Rural Route No. 4, Mapleton, Minn.

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MAMMOTH Bronze turkeys; fifty from stock scoring 96 to 97. Two hundred choice Barred Plymouth Rock cockerels, \$1 each. J. C. Watts, Berwick, Iowa.

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WHITE Holland turkeys, White Wyandottes for sale. Write for prices. W. A. Marsh, Jr., Aledo, Ill.

MISCELLANEOUS.

SONG! LOOK! SONG! Oh, oh, why, latest song entitled, "Just Ont, You Know." It has beauty of thought, both words and music. It's conceded the most popular song ever out. Buy one for Christmas. Price, 50 cts; introduce, 25 cts. Success Music Co., Chicago, Ill. Keep for future reference.

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PRIDDY'S Patron's Milk Record presents misunderstandings when selling. Samples free. Show your creameryman. W. N. Priddy, Box B, Bloomer, Wis.

Binnie has a hard pair to beat in the two top ones and the two heifers have been out in many different places this fall. It was no reproach for third choice to be beaten here even if the decision at the Royal had put her above both, for the three had each many admirers in the ringside. Hess slipped up to fourth here with a very deserving female while fifth was secured by Sullivan with a heifer sired by Prince Ito.

JUNIOR YEARLINGS.

First, Donohoe on Brookside Pride 4th 93254.

Second, Sullivan on Eolau 90699.

Third, Foster on Brookhurst Erica 94952.

Fourth, Bradfute & Son on Myrtle 2d of Meadow Brook 8464.
Fifth, Kurt on Pinegrove Barbara 94233.
Sixth, Battles on Inverness Rose 2d 82919.

SENIOR HEIFER CALF.

First, Binnie on Enna Lassie 2d 95002.
Second, Binnie on Coquette Lass of Alta 2d 95003.
Third, Donohoe on Brookside Rose 2d 93255.
Fourth, Hess on Alicia of Quietdale 9th 94108.
Fifth, Brown on Just Favorite 86290.
Sixth, McHenry on Pride McHenry 53d 93305.

JUNIOR HEIFER CALF.

First, Binnie on Blackbird Lady 4th 95005.
Second, Binnie on Queen Lass of Alta 3d 95007.
Third, Miller on Snowflake's Queen 94354.
Fourth, Binnie on Proud Lass of Alta 95009.
Fifth, Brown on Her Majesty 2d 89149.
Sixth, Foster on Brookhurst Lilian 94957.
Champion Senior Bull—Vala's Rosegay.
Champion Junior Bull—Glenfoil Thickset 2d.
Champion Cow—Eileen Lass.
Champion Heifer—Blackbird Lassie.
Grand Champion Bull—Vala's Rosegay.
Grand Champion Cow—Eileen Lass.

AGED HERD.

First, Binnie.
Second, Donohoe.
Third, McHenry.
Fourth, Hess.
Fifth, Miller.

YOUNG HERD.

First, Donohoe.
Second, Binnie.
Third, McHenry.
Fourth, Hess.
Fifth, Miller.

CALF HERD.

First, Binnie.
Second, McHenry.
Third, Brown.
Fourth, Miller.
Fifth, Foster.

GET OF SIRE.

First, Binnie on get of Heather Lad of Emerson 2d.
Second, Donohoe on get of Black Wood-lawn.

Third, Foster on get of Kentucky Prince.
Fourth, Bradfute & Son on get of Lucy's Prince.
Fifth, McHenry on get of Bobbie Dobbs.

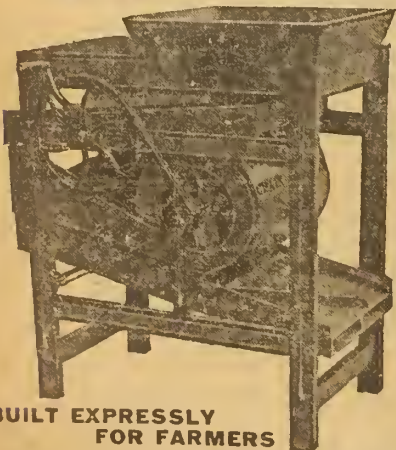
PRODUCE OF COW.

First, Binnie on produce of Corda 15630.
Second, McHenry on produce of Abbess McHenry 39th.
Third, Bradfute & Son on Winsome.
Fourth, McHenry on produce of Privet of Careston.
Fifth, Foster on produce of Erica of Heatherton.

GALLOWAYS.

While perhaps some of the best herds of this breed were not at the great show on the lake front last week, their places were well filled by others that have made this breed the talk of many show rings this fall. The two judges, Professor Dinsmore, of Ames, Iowa, and Judge Ewing, of Youngstown, Ohio, rendered careful decisions that were received quite favorably by onlookers and exhibitors. True, in some of the classes the difference in entries was hardly perceptible to many and some rearrangement of former decisions was inevitable. In the aged bulls Pat Ryan of Red Cloud was unquestionably the favorite and continued so until he received the highest honor of the show. While second in place has many claims for excellence, many of his strong points are overshadowed beside the noted veteran of many contests Bales & Son filled the next two places with bulls that will help to bring the breed to the front. Only one two-year-old ventured out, though his ribbon was won with credit, as he would have been a bull to be reckoned with in good company. The two-year-old cows supplied the senior champion a heavy, well-spread form of a female with not quite so much sweetness of character as was seen in some of her companions. A strong rivalry existed in the herd classes, especially the aged one where from the previous standings various ratings could be figured. Not a great mistake could have been made in placing the blue and red, although each

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Our answer will be a genuine surprise to you. Why? Well, there will be a whole package of surprises, but the biggest ones are these:

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As a matter of fact, the Chatham Fanning Mill is a continual source of surprise to every man who buys it, for it does so many more things than we mention in our advertising and does them so well.

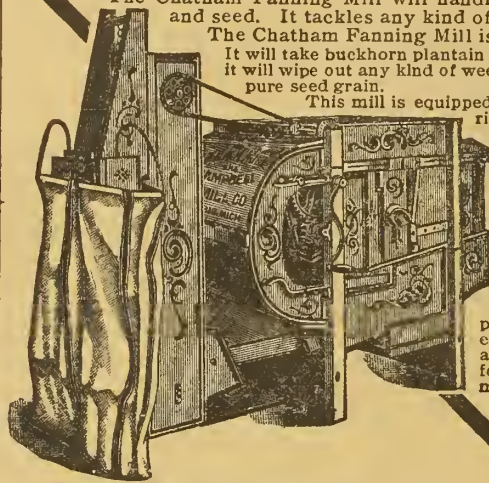
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All we ask is that you *try* the Chatham. Let it *prove itself*. Let it show you what it can do—how it can quickly put its own cost back in your pocket and make a profit for you. The Chatham Fanning Mill isn't a luxury. It's a necessity! You need it right on your farm and you need it NOW!

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herd had faithful adherents. Some would have preferred a stronger head for the winner before placing the blue there. However, the general comment was that the result was not far amiss. The exhibitors and number of animals shown follow in the attached list: C. E. Clarke, St. Cloud, Minn. (12 head); G. W. Lindsey, Red Cloud, Neb. (10 head); A. F. Craymer, Morris, Ill. (7 head); W. M. Brown, Carrollton, Mo. (12 head); J. E. Bales & Son, Stockport, Iowa (10 head); C. S. Hechtner, Princeton, Ill. (5 head); S. M. Croft & Sons, Bluff City, Kan. (10 head); C. C. Habecker, Danvers, Ill. (3 head).

AGED BULLS.

First, Lindsey on Pat Ryan of Red Cloud 20038.
Second, Bales on Chief 2d of Stepford 23513.
Third, Bales & Son on Scottish Samson 23542.
Fourth, same on Wild's McDougall 24673.

YEARLINGS.

First, Hechtner on Standard Favorite 26550.
Second, Bales & Son on Conrad 28254.
Third, Habecker on Mackenzie of Danvers 29196.
Fourth, Habecker on Master of Danvers 29197.
Fifth, Lindsey on Ned of Red Cloud 26253.
Sixth, Craymer on Protector of Rivers 27193.

UNDER ONE YEAR.

First, Clarke on Victor of Meadow-Lawn 28746.
Second, Craymer on Pilot of Rivers 29171.
Third, Lindsey on Alexander 28844.
Fourth, Bales & Son on Bonnie McDougall 28812.
Fifth, Brown & Son, on Forester 28936.
Sixth, Craymer on Grandee of Rivers 28774.

AGED COWS.

First, Lindsey on Favorite 16th of Lockin-kit 21205.
Second, Clarke on Nora of Durhamhill 21203.
Third, Bales & Son on Imp. Graceful 3d of Garliestown 19297.

Fourth, Brown & Son on Acushla 18386.
The type of cow in first is one that is making a name for the breed. She is just about as low and blocky, and fills the eye as well, as any female at the show, while her matronly character at once makes friends for her on all sides. Size was a deficient point in next selection, though strout lines and a symmetrical contour smoothly finished won the heart of the judges. A lively little baby curly coat at foot of third enlivened the dignity of the surroundings, while the mother made a good showing of her thick type carried low and with much attractiveness. Lack of pounds was no failing in fourth, for she had several hundred in her favor. How-

ever, her covering was not placed to the best advantage.

TWO-YEAR-OLDS.

First, Brown & Son on Myrtle of Avondale 24942.
Second, Clarke on Saucy of Meadow Lawn 24818.
Third, Lindsey on Lady Charlotte 24814.
Fourth, Bales & Son on Annie Davids 5th 26977.

SENIOR YEARLING.

First, Clarke on Cora of Meadow Lawn 26833.
Second, Hechtner on Druid's Lelia 26218.
Third, Brown & Son on Eglantine 26860.
Fourth, Craymer on Standard Pet 27190.
Fifth, Bales & Son on Princess McDougall 27120.

JUNIOR YEARLING.

First, Clarke on Sadie of Meadow Lawn 26834.
Second, Lindsey on Beauty of Meadow Lawn 26830.
Third, Bales & Son on Hawkeye Lady 27121.
Fourth, Craymer on Mischief of Rivers 27191.
Fifth, Hechtner on Druid's Laura 26219.
Sixth, Brown & Son on Dainty 3d 26871.

SENIOR HEIFER CALF.

First, Clarke on Lady Belle 4th 28740.
Second, Bales & Son on Annie Davids 6th 28180.
Third, Hechtner on Vinolia 3d of Maples 28855.
Fourth, Hoxie on Hoxie's Pride 39047.
Fifth, Brown & Son on Grace 3d of Wildwood.

JUNIOR HEIFER CALF.

First, Clarke on Lady Douglas 3d 28745.
Second, Bales & Son on Lady Graceful 28783.
Third, Clarke on Floss 2d 28741.
Fourth, Brown & Son on Dainty 4th 28929.
Fifth, Bales & Son on Princess Graceful 28781.
Sixth, Lindsey on Lady Elgin 28343.
Senior Champion Bull—Pat Ryan of Red Cloud.
Junior Champion Bull—Victor of Meadow Lawn.
Champion Cow—Myrtle of Avondale.
Champion Heifer—Cora of Meadow Lawn.

AGED HERD.

First, Brown & Son.
Second, Lindsey.
Third, Bales & Son.

YOUNG HERD.

First, Clarke.
Second, Hechtner.
Third, Bales & Son.
Fourth, Craymer.

GET OF SIRE.

First, Clarke on get of Worthy 3d.

Second, Bales & Son on McDougall 4th of Tarbreoch.

Third, Hechtner on Druid of Castlemilk.
Fourth, Brown & Son on Chief 2d of Stepford.

PRODUCE OF COW.

First, Clarke on produce of Saucy 3d of Kilquhanity 21209.
Second, Bales & Son on Annie Davids 2d.
Third, Brown & Son on Dalnty of Waver-tree.
Fourth, Craymer on Lula 6472.

RED POLLS.

For a breed of animals in which there is such a good chance for lack of uniformity, the display of this dual-purpose class was surprisingly good and indicated a growing popularity among a certain class of stockmen. Only once this season was a better showing made—that at Springfield. Professor Plumb, of Ohio, found a difficult task on hand in placing the awards. It is safe to say that in no breed on the fair circuit today can there be found such a variance in the findings of different judges. We are not placing blame on anyone. However, there should be an effort made in the future to avoid as much unpleasantness in the showing as possible. Everyone knows the difficulty there is encountered in describing an ideal form for the breed. This obstacle has led some to unreasonably assert that the dual-purpose idea is a myth. Let the Red Polled breeders gather their forces and disprove such a claim by fostering more harmony in future contests. Herds came from five states, though Ohio proved the winner of the most ribbons at the final rating. All the championships went to one breeder. Indications of the highest type of utility were marked in the cows that took ribbons. In the bulls it was a different matter and some individuals of the best breeding from this standpoint were not recognized. Hence the difficulty of making consistent decisions. Next year a dairy test has been suggested and it is hoped will materialize. It should prove a good innovation. Those who entered the contest are Adolph P. Arp, Eldridge, Iowa (17 head); George B. Buck & Co., Orion, Ill. (14 head); Borden Stock Farm, Tonti, Ill. (16 head); Herbert S. Garmon, Adeline, Ill. (11 head); F. H. Hawley, LeRor, Ohio (11 head); Frank Hartline, Strasburg, Ohio (8 head); Joseph Kestil, New Lenox, Ill. (10 head); J. Shimmer, Wausau, Wis. (12 head). The awards:

AGED BULLS.

First, Buck & Co. on King George 7279.
Second, Kestil on Monarch 11941.
Third, Buck & Co. on Money Maker 11944.
Fourth, Garmon on Bounce 11287.
Fifth, Hartline on Patriarch Jr. 12009.
Sixth, Arp on Nailer 7396.

First choice is a well-made, masculine fellow, near the ground and he fills the eye well. A somewhat plainer bull followed, though of desirable character. Third was very taking from a side view, but inspection from other positions proved less favorable to this bull. It was generally considered a class representative of the best in the breed.

TWO-YEAR-OLDS.

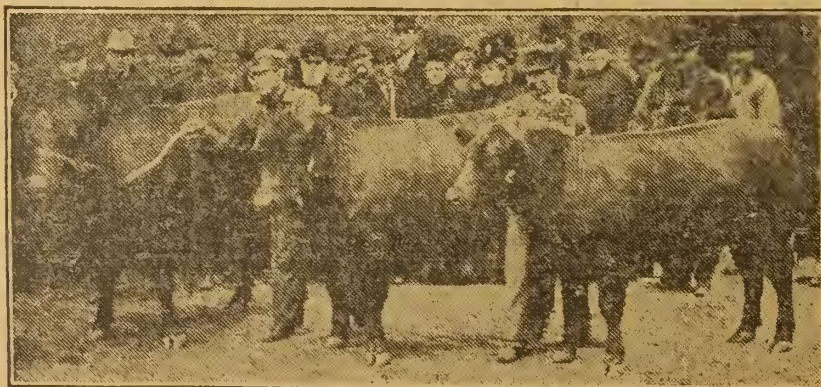
First, Hawley on Water Boy 12735.
Second, Borden Stock Farm on Nefod 12699.
Third, J. Shimmer on Dare 13485.

YEARLINGS.

First, Hawley on Dasher 13481.
Second, Kestil on Show Boy 15368.
Third, Kestil on Rube 15369.
Fourth, Hartline on January 14613.
Fifth, Buck & Co. on Linder 14166.

BULL CALF.

First, Kestil on Bruce 15625.
Second, Buck & Co. on Rambler 14607.
Third, Arp on Nailer Again 15337.
Fourth, Borden Stock Farm on Poplar 3d 14227.



Grand Champion Steer Herd, owned by Minnesota Agricultural College.

Fifth, Borden Stock Farm on Broken Tail 14677.

AGED COWS.

First, Hawley on Jessie 19812.
Second, Slimmer on Miss Brown 15442.
Third, Arp on Nanny 20180.
Fourth, Hartline on Celia 18033.
Fifth, Borden Stock Farm on Glemoir 3d 21261.

A long string of females made this a difficult and slow class to place. Large udders were not uncommon and their owners found a royal road to the top of the list. First choice was good in her width, but showed less of the smooth contour of those next her. Some good ones were overlooked along the line. A few of these were deficient in that important essential, constitutional vigor, which accounted for their not being placed.

TWO-YEAR-OLDS.

First, Kestil on Davy Belle 3d 22558.
Second, Borden Stock Farm on Aleda Lass 22528.
Third, Arp on Laura's Perfection 3d 24125.
Fourth, Hawley on Pert 4th 21826.
Fifth, Slimmer, on Duke's Parthenope 23777.

As usual, this class brought out some uniformly straight lined helpers. The first prize displayed these qualities well and was a very attractive heifer, though in those next her there were a trifle better indications for doing well at the pail.

Senior Champion Bull—Water Boy.
Junior Champion Bull—Dasher.
Senior Champion Cow—Jessie.
Junior Champion Heifer—Rosalind.

AGED HERD.

First, Hawley.
Second, Borden Stock Farm.
Third, Slimmer.
Fourth, Kestil.
Fifth, Arp.

YOUNG HERD.

First, Hawley.
Second, Borden Stock Farm.
Third, Buck & Co.
Fourth, Garmon.
Fifth, Slimmer.

YEARLINGS.

First, Hawley on Louisiana 24025.
Second, Borden Stock Farm on Ultrada 7th 24099.
Third, same on Marion Charlotte 24101.
Fourth, Garmon on Violet 24537.
Fifth, Borden Stock Farm on Juliette 3d.

HEIFER CALF.

First, Hawley on Rosalind 25805.
Second, Hawley on Pretty Lassie.
Third, Borden Stock Farm on Charlotte 2d 25913.

Fourth, same on Diantha 24477.
Fifth, same on Juliette 4th 25099.

PRODUCE OF COW.

First, Borden Stock Farm on produce of Charlotte 12109.
Second, Kestil on produce of Leola 18489.
Third, Borden Stock Farm.
Fourth, Arp on produce of Laura Paulina.
Fifth, Slimmer on produce of Parthenope F.

GET OF SIRE.

First, Borden Stock Farm on get of Pochto 12042.
Second, Hawley on get of Eclipse 9220.
Third, Kestil on get of Irwin 8253.
Fourth, Garmon on get of Bounce 11287.
Fifth, Slimmer on get of May Duke 8th.

FAT STEERS.

SHORT-HORNS.

The Short-horn show in the fat classes was a poor representation of the utility of this breed for beef purposes. However, a Short-horn stood in the line up for the grand championship steers prize, making him one of the best three on the ground. Competition was

only fair in any of the classes and the work of judging in the hands of the committee, J. H. Miller, Wiley Hall and John Lewis, passed without any features of note extraordinary. In the two-year-old class, Tim, of the Kansas Experiment Station, won first quite easily. In finish and depth of flesh and handling he was rather more medium than extreme. However, a good conformation made him a splendid all round animal and when he failed to be made champion of the breed, many were disappointed. In this race he was outstripped by Sleepy Lad, nine months younger but lacking only a few pounds his weight. The champion was a meaty fellow notably on ribs, but the evenness of his covering could have been considerably improved. Sixteen entries lined up in the yearling class and among the winners were some of the best in the breed. Second choice lacked 200 pounds the equal of the first, yet was of the same age. In the class under one year weights ran well and many crowded the thousand-pound mark. The two top ones were picked with no difficulty and between them there was some discussion for rank, as the second choice was a much larger steer. Money was distributed in the following order:

TWO-YEAR-OLDS.

First, Kansas Experiment Station on Tim.
Second, J. D. Douglas & Son on Juniper.
Third, Abram Renick on Ensign.
Fourth, J. R. Peak & Son, on Sunray.
Fifth, C. S. Barclay & Sons on My Choice.

YEARLINGS.

First, J. G. Robbins & Son on Sleepy Lad.
Second, University of Nebraska on Valet.
Third, Abram Renick on My Hope.
Fourth, Kansas Experiment Station on Captain Primrose.
Fifth, C. F. Rice on Sangamo.

UNDER ONE YEAR.

First, E. W. Bowen on Will Wild Eyes.
Second, J. G. Robbins & Son on Silver Cloud.
Third, Purdue University on Match Maker.
Fourth, Abram Renick on Amaranth.
Fifth, J. G. Robbins & Sons on Splasher.

CHAMPION STEER.

Sleepy Lad.

LOT OF THREE HEAD.

First, J. G. Robbins & Son.
Second, Kansas Experiment Station.
Third, Abram Renick.
Fourth, C. F. Rice.
Fifth, J. R. Peak & Son.

HEREFORDS.

The white faces were out in small numbers, but they were eyed from the start. It was generally thought that this breed would supply the grand champion, though from the two-year-olds rather than from the calf class, as was the case. The winning youngster, Peerless Wilton's 39th Defender, made good his name and his selection was accepted in good part by all exhibitors, although he is the first calf to win this great honor. In conformation the champion approaches the ideal very closely and there were good judges who looked him over and failed to fault him. At eleven months he shaves the half ton closely, and carries his flesh in the right place. He has two good ends and these are well joined, and though but a calf he was not vealy, but was beef. His owner, F. A. Nave, Attica, Ind., was the recipient of showers of congratulations and justly so. Another good steer was General Manager, first in the two-year-olds, shown by the Iowa Agricultural College. His frame is inlaid with sufficient flesh, though he is not a high-class handler, a point more or less characteristic of the Perfection breeding. Aside from being a bit too narrow behind he filled the eye well and made a good bid for the highest honors. He was bred and fitted by H. J. Fluck, Goodenow, Ill., but recently sold to Mr. Nave. W. S. Van Natta, Fowler,

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We positively guarantee the Galloway to handle any kind of manure.

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Write your name and address plainly on this Ad., cut it out and send it to me.



William Galloway,
Builder of the Only Wagon
Box Spreader called the
"Galloway."

SOLD direct from my factory to you.
Built on honor.
Not how cheap but how good, is my motto.

After I have made them as good as I can, then I make the price as low as I can.

A spreader for \$59.50.

A spreader that I personally guarantee to work as well or better than any other spreader on the market to-day.

My guarantee is the broadest possible—and backed up by a \$25,000 legal bond.

To show you my confidence I will send you one, you take it out in the field and use it, or abuse it if you want to, for 30 days, and if you don't find it worth more than the \$59.50 I ask for it, just take it back to the depot and ship it back to me. I will pay the freight both ways. You can try it for nothing—and at no risk.

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An important feature of the Galloway Spreader is its light draft. Two horses will haul it. Read what Mr. Miller says about it.

Ind.; Thos. Mortimer, Madison, Neb., and Thos. Clark, Beecher, Ill., placed the classes to the general satisfaction of all.

TWO-YEAR-OLDS.

First, Iowa State College on General Manager 176624.
Second, F. A. Nave on Ambassador 2d.
Third, Cargill & McMillan on Roundup 186699.
Fourth, Benj. & W. George on Georgetta 1st 184994.

YEARLINGS.

First, Minnesota Agricultural College on Disclosure 204800.
Second, Cargill & McMillan on Fair Lad 1st 208171.
Third, F. A. Nave on Parker 206085.
Fourth, F. A. Nave on Peerless Wilton 39th Protector.
Fifth, Purdue University on Zenoleum Prince.

UNDER ONE YEAR.

First, F. A. Nave on Peerless Wilton's 39th Defender.
Second, Cargill & McMillan on Fulfiller 6th.
Third, F. A. Nave on Creston's Boy.
Fourth, W. A. Van Natta & Son on Leonard.
Fourth, W. A. Van Natta & Son on Leonard.

LOT OF THREE.

First, F. A. Nave.

Second, Cargill & McMillan.

CHAMPION STEER.

Peerless Wilton's 39th Defender.

ABERDEEN-ANGUS.

The blacks were quite a prominent part of the fat classes, as they always are. While they came out in fair numbers and presented some very neat, well-finished models for the eye of the critics, there were also not a few that fell below the highly-creditable line. Louis Praelzer, of Chicago, made the awards and some could hardly accord with the ratings as given. However, the "hand" in many cases revealed to critics some of the mistakes of the eye. In the mature class nine came forth and produced a first in a steer from Minnesota, a large, growthy fellow none too high in quality, but covered with a good, even thickness of flesh over all. For second place there were many that favored either of



The Champion Steer and the judge who picked him.

two. Forest Mill Dot stood very poorly and seemed none too well fitted. The second class was very uneven in general characteristics and was not the best kind of an Angus display, though this class supplied the reserve champion steer shown by the Minnesota Agricultural College. Those under a year left a good impression, for three very splendid types fitted accordingly, kept interest centered around them for some time. Of the trio it was generally felt that Syberian 3d was the least appreciated. A very trim, tidy fellow was he, of an early-maturing sort and perhaps would have lacked some in weight with age to make the best impression. The awards follow:

TWO-YEAR-OLDS.

First, Minnesota Agricultural College on Black Jack 1342.
Second, Ohio Agricultural College on Forest Mill Dot.
Third, W. J. Miller on Dutch Lad.
Fourth, University of Nebraska on Ruby Zenoleum.
Fifth, Chas. J. Off on Exilio.

YEARLINGS.

First, Minnesota Agricultural College on Andy.
Second, M. J. & S. E. Lantz on Syberian 2d.
Third, W. J. Miller on South Oak Chance.
Fourth, Chas. J. Off on Proud Fellow.

UNDER ONE YEAR.

First, Kansas Experiment Station on Ideal.
Second, Minnesota Agricultural College on Blaylock 1414.
Third, M. P. & S. E. Lantz on Syberian 3d 1434.
Fourth, Chas. J. Off on Edison 1446.



One of the best daughters of the Iowa Agricultural College bull, Scotland's Crown, to be sold in the G. W. Harrison sale, at Washta, Iowa, December 18th.

Victoria Crown.

Dark roan; calved July 30, 1904. (Vol. 64.) Bred by F. E. Mattoon, Washta, Iowa.

Dams.

20th Linwood Victoria.
16th Linwood Victoria.
11th Linwood Victoria.
Victoria 53d.
Imp. Victoria 51st.
Victoria 47th.
Victoria 39th.

Sires.

Got by Scotland's Crown 149652. Wm. Duthie.
Galabad 103259. Col. Harris.
Golden Pirate 103411. Col. Harris.
Master of the Rolls 99463. A. Cruickshank.
Imp. Viscount 18507. A. Cruickshank.
Royal Duke of Gloster (29834) A. Cruickshank.
Lord Lansdowne (29128) A. Cruickshank.
Champion of England (17526) A. Cruickshank.

Breeders.

Fifth, Lew Kerr on Foster's Zenoleum 3d.
CHAMPION STEER.
Andy.

LOT OF THREE.

First, Minnesota Agricultural College.
Second, Chas. J. Orr.
Third, M. P. & S. E. Lantz.
Fourth, W. J. Miller.
Fifth, A. C. Binnie.

GALLOWAYS.

The curly coats upheld their end of the fat stock show in a very creditable manner. Entries were generally uniform in excellence and indicated that breeders had been more careful in the fitting of their charges than in some other cases. The best steer proved to be a two-year-old crowding the 1,600-pound mark and carrying a great deal of flesh well placed. Owing to the small classes the work of judging in the hands of Judge J. Calvin Ewing proved not a tedious task. The results stand viz.:

TWO-YEAR-OLDS.

First, Ohio State College on Roger of Brookside 23340.
Second, C. E. Clarke on Royal Chancellor 24283.
Third, Minnesota Agricultural College on Black Joe.
Fourth, C. S. Hechtner on Hechtner's 1st.
Fifth, J. E. Bales & Son on Billy King.

YEARLINGS.

First, W. M. Brown & Son on Jamie.
Second, A. F. Craymer on Strappy of Rivers.
Third, W. M. Brown & Son on Buster Brown.
Fourth, J. E. Bales & Son on Captain Zenoleum.

UNDER ONE YEAR.

First, J. E. Bales & Son on Bluster.
Second, C. E. Clarke on Revelation.
Third, C. S. Hechtner on Hechtner's 3d.

CHAMPION.

Roger of Brookside.

LOT OF THREE HEAD.

First, C. E. Clarke.
Second, J. E. Bales & Son.
Third, C. S. Hechtner.

RED POLLS.

Professor Plumb, of Ohio, passed on this breed and although there were but two exhibitors, the showing was interesting in that it was an object lesson on support of the claim for beef that the adherents of this breed make. F. B. Turnbull, Cedarville, Ohio, took the major part of the ribbons and furnished the champion, while Adolph P. Arp, Elridge, Iowa, was a close second in all places.

POLLED DURHAMS.

Prof. Thos. Shaw, of St. Anthony Park, Minn., made the awards, which were about equally divided between Fletcher S. Hines, W. Clarke, Oscar Hadley and Shaver & Deuker, the first named exhibitor giving the champion, Solidity's Knight.

GRADES AND CROSS-BREDS.

The entries in these classes are defined as a "grade," an animal having but a portion of pure blood or the get of a pure-bred bull from a native cow. A "cross-bred" means one whose sire and dam are of pure blood but of different breeds.

TWO-YEAR-OLDS.

First, Kansas Agricultural College on Kansas Laddie.
Second, North Dakota Agricultural College on Boh.
Third, G. H. Hoxie on Thorn Creek Exchange.
Fourth, W. J. Miller on Wild Tom.
Fifth, Iowa State College on Black Prince.

SENIOR YEARLING.

First, G. H. Hoxie on Peach.
Second, Ohio State College on Ohio Sultan.
Third, Minnesota Agricultural College on Prince Zenoleum.
Fourth, Dan W. Clark on Clunker.
Fifth, M. L. McCoy on Freehooter.

JUNIOR YEARLING.

First, Iowa Agricultural College on Black and White.
Second, Purdue Agricultural College on Spot.
Third, Kansas Agricultural College on Pride of Maples.
Fourth, Iowa Agricultural College on Tama Jim Jr.
Fifth, F. E. R. Albright on Little Britton.

SENIOR CALF.

First, D. Bradfute & Son on Bobbie of Meadow Brook.

Second, A. P. Grout on Emblem.
Third, A. P. Grout on Envoy.
Fourth, Cargill & McMillan on Bonnie.
Fifth, A. P. Grout on Eldred.

JUNIOR CALF.

First, Nebraska Agricultural College on Dictator.
Second, F. E. R. Albright on Fred Douglas.

Third, Iowa Agricultural College on Blue Rock.
Fourth, Purdue Agricultural College on Knighthood.
Fifth, G. H. Hoxie on Good Cross.

LOT OF THREE HEAD.

First, G. H. Hoxie.
Second, Iowa Agricultural College.
Third, W. J. Miller.
Fourth, Iowa Agricultural College.

CHAMPION.

Peach.

CLASSES OPEN TO ANY BREED, GRADE, OR CROSS.

THREE STEERS, GET OF SIRE.

First, H. J. Fluck.
Second, W. J. Miller.
Third, Lantz.

CHAMPION TWO-YEAR-OLD.

Tim.

CHAMPION YEARLING.

Andy.

CHAMPION UNDER YEAR.

Peerless Wilton's 39th Defender.

CHAMPION LOT OF THREE.

To Minnesota Agricultural College.

GRAND CHAMPION STEER CLASS.

The call for this class brought out the two-year-old Short-horn steer, Tim, shown by the Kansas Agricultural College; the yearling Angus, Andy, shown by the Minnesota Agricultural College, and the Hereford calf, Peerless Wilton's 39th Defender, bred and fitted by H. J. Fluck, of Goodenow, Ill., but shown by F. A. Nave, of Attica, Ind.—all purebreds. The judge, Arthur Philip Turner, of Herefordshire, England, found his ideal in his own breed—the white faces—but in picking the calf pleased the great bulk of on-lookers. The Kansas steer was thirty-four months old and weighed 1,800 pounds. For his weight he was a smooth one and brought the Short-horns nearer to the championship goal than this breed has ever landed at the International. The yearling steer, Andy, shown by the Minnesota Agricultural College, was a winning calf in the hands of Stanley Pierce in 1905 and he came back this year showing excellent fitting at the hands of Georgie Craig. He is an exceedingly trim steer, is well fleshed and his covering is even. The college is taking him home and he is the kind that will go on for another year. But the calf, Peerless Wilton's 39th Defender, was too many for the yearling



Short-horn Steer Herd, shown by Kansas Agricultural College.

and two-year-old. At eleven months this calf shaved the half ton mark closely, but without question was the kind you read about. He had scale enough for his age and a most satisfying covering for a youngster. The strange part of it was that he did not handle vealy, but was indeed "beef." A calf never won this great honor before, so that Judge Turner established a precedent; but, as we understand it, there is no reason why precedents cannot be established at the International as well as elsewhere. It was merely coincidental that the foreign judge should find a winner in his own breed, but his decision met with the approval of the great majority of ringsiders. This notable Hereford was sired by Peerless Wilton's 39th 90610, out of White Rose 61284.

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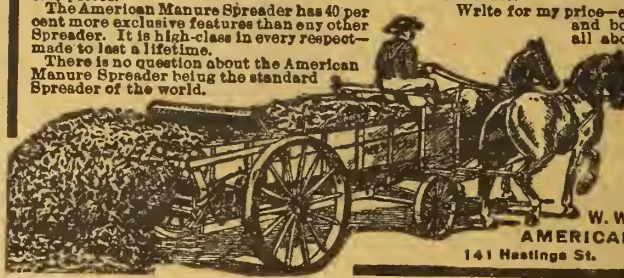
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steers and heifers, two years old and under three: First to Vance & Kelly, Laramie, Wyo. (Herefords).

Class 171—One year old and under two: First to Vance & Kelly (Herefords).

Class 172—Feeding calves, steers or heifers: First to F. W. Rimington, Douglas, Wyo. (Herefords).

Class 173—Carload of fifteen head, grain-fed steers or heifers, two years and under three: First to A. Weinberg, White Sulphur Springs, Mont. (Herefords).

Class 174—Two years old and under three: First to A. Weinberg (Herefords).

Class 203—One year old and under two: First to Vance & Kelly, Laramie, Wyo. (Herefords).

Class 204—Under one year old: First to J. E. Boog-Scott, Coleman, Texas (Herefords).

Class 205—Carload of fifteen head grain-fed steers or heifers three years old or over: First to Peter Hopley, Atlantic, Iowa (Herefords).

Class 206—Two years old and under three: First to Funk Bros., Bloomington, Ill. (Angus).

Class 207—One year old and under two: First to W. C. White, Carrollton, Mo. (Angus).

GRAND CHAMPION CARLOADS.

Class 208—Feeding steers or heifers: First to J. E. Boog-Scott, Coleman, Texas (Herefords).

Class 209—Grain-fed steers or heifers: First to Funk Bros., Bloomington, Ill.

GRAIN-FED CARLOAD SPECIALS.

Angus Special—Two years old and under three: First to Funk Bros., Bloomington, Ill.

Angus Special—One year old and under two: First to W. C. White, Carrollton, Mo.

Hereford Special—Three years old or over: First to Peter Hopley, Atlantic, Iowa.

Hereford Special—Two years old and under three: First to J. R. Smith, Lamont, Iowa.

Short-horn Special—Three years old or over: First to E. W. Hawkins, Marshall, Mo.

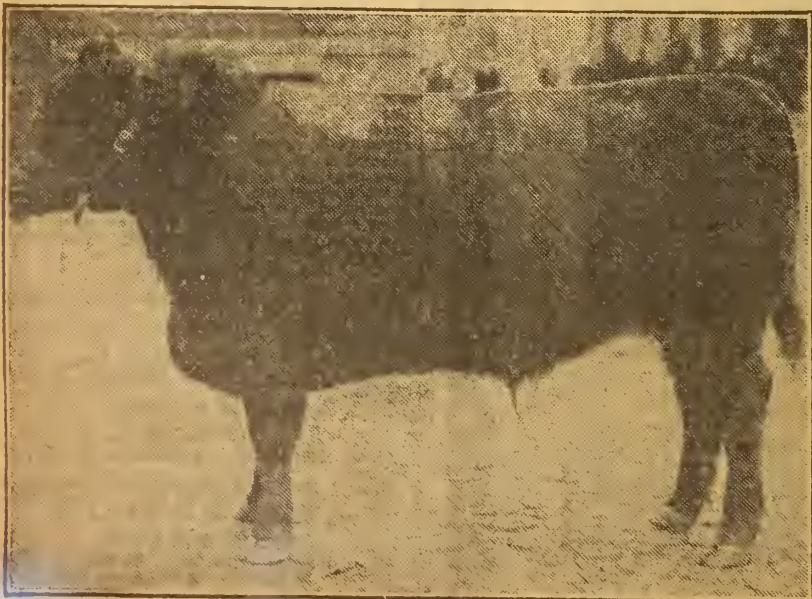
Short-horn Special—Two years old and under three: First to J. D. Waters, Dawson, Ill.

Galloway Special—First to M. V. Caball, Montgomery, Mo.

HORSES.

PERCHERONS.

The Percheron judging was arranged just like a good story, where the reader is kept in suspense all of the time until the end of the tale. Tuesday morning the exhibitors brought into the ring their aged stallions, according to custom, but for some reason they were ordered back and calls sent out for the aged mare class. This caused no little delay in the work, but brought out some good mares as starters. There was one peculiarity of the exhibit in these classes and that was the comparative absence of the grays and dapples. Only two mares, and but a few more stallions, were other than the glossy black. This most excellent breed continues to enjoy its great popularity among users of draft horses, as was proven by the numbers who witnessed the judging and by the denseness of the throng in the Percheron stables. That they must be popular is also attested by the large number of excellent entries shown. In the mare classes only a few were shown, but some great mares were brought out. It would benefit American breeders if more mares were exhibited at the various fairs and expositions. The champion mare is an American-bred animal and won over an imported mare. Some exceptionally strong stallion classes came before Judge C. F. Curtiss, of Ames, and gave him all the work he cared for. Especially in the aged and three-year-old classes were the entries of an unusually high class and Professor Curtiss did some very creditable work in these two rings. The more fortunate exhibitors were McLaughlin Bros. in the stallion classes and McMillan in the mare and home-bred classes. Lew Cochran showed a high-class stallion of his own breeding that compared very favorably with older imported animals. The foal classes deserve especial notice for the good quality of the little fellows shown: Exhibitors: Robert Burgess & Son, Wenona, Ill. (9 head); H. A. Briggs, Elkhorn, Wis. (10 head); Lew W. Cochran, Crawfordville, Ind. (6 head); J. Crouch & Son, Lafayette, Ind. (19 head); William Crownover, Hudson, Iowa (5 head); C. B. Dunbar, Darlington, Ind. (1 head); Dunham & Fletcher, Wayne, Ill. (21 head); Finch Bros., Verona and Joliet, Ill. (4 head); J. A. Gifford, Beloit, Kan. (1 head); Mag-



Reserve Champion Steer, Andy, owned by Minnesota Agricultural College.

nuson & Cutler, Lockport, Ill. (1 head); Lonzo McClain, Lima, Ohio. (8 head); McLaughlin Bros., Columbus, Ohio (21 head); H. G. McMillan, Cedar Rapids, Iowa (10 head); Niles & Hough, Crown Point, Ind. (7 head); Oltmanns Bros., Watsoka, Ill. (9 head); A. M. Storm & Son, New Lenox, Ill. (9 head); W. C. & W. B. Straight, Keosauqua, Iowa (1 head). The awards:

AGED MARES.

First, Dunham & Fletcher on Fosette (45225).
Second, Lonzo McClain on Rose (50734).
It was the winner here which attracted the attention, being a large, strongly-made mare, with lots of breediness of character and excellent limbs. Her feet are not all that could be expected, but are not at all bad.

THREE-YEAR-OLD MARES.

First, McMillan on Iolanthe (40925).
Second, Dunham & Fletcher on Britomart (40427).
Third, McMillan on Antoinette (40922).
Three good mares made up the three-year-old class. Iolanthe, by Calypso, bred on the farm of H. G. McMillan, had no trouble in carrying away the blue from Dunham & Fletcher's Britomart, a Picador colt, which is not so massive and lacks just a little in substance as compared with Iolanthe. Another good Calypso colt stood third.

TWO-YEAR-OLD MARES.

First and second, McMillan on Adrienne 45565 and Rosamond 45547, respectively. Here again old Calypso demonstrated his value as a sire, for these two fillies are good ones and would have stood well against strong competition.

YEARLING MARES.

First, Dunham & Fletcher on Pink Coral.
Second, McMillan on Lucia.
Pink Coral is a roan of exceptional character, and she also carries the requisite bone and feet, while Lucia is not quite so drafty.

AGED STALLIONS.

First, McLaughlin Bros. on Etrageant.
Second, Dunham & Fletcher on Pink.
Third, McLaughlin Bros. on Sam.
Fourth, Briggs on Sansonnet.
Fifth, Crouch & Son on Conde.
The competition among the aged Percheron stallions was the keenest sort. Only twelve entries came into the ring, but they were twelve good ones. The battle for first honors was close between McLaughlin's four-year-old Etrageant, winner all around the fall circuit, and the twice champion, Pink. Pink, in his six-year-old form, has lost none of his attractiveness and has matured into a wonderfully smooth and drafty stallion. Etrageant is a dark gray, almost black, has an abundance of that flashy, vigorous action one likes so well in the Percheron. Both are horses of great character. In action, Pink did not come up to his usual standard, both at walk and at the trot, while Etrageant made more than good. The McLaughlin horse also had a hit more home, especially below the knee. Pink had plenty of friends for first place, but Etrageant continued his unbeaten record and carried away the ribbon. McLaughlin Bros. came third with a black, not possessing so much substance or so strong acting as first and second. He is a stallion far above the common lot, but had two wonders about him. For fourth place Briggs had a dark gray, of good top, but not quite so good at the ground. Conde won fifth over a bunch of good ones, but was a little leggy to go higher.

THREE-YEAR-OLD STALLIONS.

First, Dunham & Fletcher on Cartilage (59302).
Second, McLaughlin Bros. on Valseur (58964).
Third, Dunham & Fletcher on Salvator (59293).
Fourth, Crouch & Son on Minet 44897.
Fifth, McLaughlin Bros. on Presbyterian (60934).

The three-year-olds formed a splendid class, there not being one out of the eighteen which entered the ring that could be termed really poor. This with the class of two-year-olds made up a hard afternoon's work. First money went to a big black, with as showy a top as one could desire, great character about the head, a nicely-sloping shoulder and action enough for any horse. The second here, Valseur, was first at Kansas City, but didn't have Cartilage to compete against. He went

above Salvator, another Oaklawn entry, being a trifle lower set and stronger muscled at hind quarters, but not quite so heavy in his middle. Minet took the spectator's eyes in his action, but failed to find such appreciation in the eye of the judge. Presbyterian, which went fifth, is of the growthy kind that do not finish up so soon as the type at the head of the class. Several stallions of high merit were forced to return to the stables without any awards.

TWO-YEAR-OLDS.

First, McLaughlin Bros. on Dragon 41341.
Second, Crouch & Son on Eglantior 41455.
Third, Crouch & Son on Capitaine 41449.
Fourth, Dunham & Fletcher on Marquis (61842).
Fifth, Dunham & Fletcher on Argentnell (62969).

This was also a good class, being, in point of numbers, in advance of the three-year-old stallions. As to general quality it was also very good throughout. The winner of first place is a good specimen of the refined Percheron, and yet has plenty of substance, is low set and has large hard feet. He was followed by a very good horse, Eglantior, an iron gray, of the sturdy, blocky kind, standing very squarely on his legs and with feet not quite so large as the winners. He is just a little small. Third place was assigned to another Crouch entry, which when sized up with the two on their side of him seemed a little under size. His exceptionally good feet, strongly-muscled limbs, with finely-balanced action and his being lower set gave him the place over a big growthy fellow, with lots of action, and strength standing out all over him. The fifth place was well filled by another big black, not quite so drafty as the one just above him, but a strong horse. There were several in this class, also, which were hard to keep one of the money.

YEARLING STALLIONS.

First, Cochran on MacDuff 41257.
Second, Burgess & Son on Roget 45996.
Third, McMillan on Lochinvar 45546.
Fourth, Gifford on Keota Pioneer 46117.
Fifth, Dunham & Fletcher on Pink Paragon 43929.

Ten promising youngsters lined up before the judge in the yearling stallion class. MacDuff, which has won at other fairs on the fall circuit, was here allotted his rightful place, for he possesses more frame, carries more finish and has a little more strength of build than Burgess' colt which went second. This one, Roget, is a great colt, too, and gives promise of developing into a superior horse. He is more drafty in type than the third one, Lochinvar, McMillan's entry. Fourth place went to a new man, on Keota Pioneer, a colt that lacked somewhat of the snap and vigor of Lochinvar, but withal is a deserving colt.

FOUR ANIMALS GET OF ONE SIRE.

First, McMillan on get of Calypso.
Second, McLaughlin Bros. on get of Avise.
Third, Dunham & Fletcher, sire not given.
Fourth, McLaughlin Bros. on get of Den-seur.

Fifth, McClain on get of Excelsior.
This was the most interesting collection of Percherons shown in any ring. McMillan's four mares by Calypso are a splendid lot. For uniformity of type they are almost unapproachable and Mr. McMillan is surely to be congratulated on the great sire at the head of his stud. They won over some good ones, however, for McLaughlin's had five stallions, the get of Avise, that showed excellent individuality, but are not quite the uniform lot that the mares are. The five that Dunham & Fletcher brought in are worthy of good notice, but do not give one the drafty impression that the first and second winners do. The last two entries, there were five in all, are not so uniform, but had some excellent individuals among their number.

TWO ANIMALS, ANY AGE, PRODUCE OF SAME DAM.

First, McLaughlin Bros. on produce of Reseda.
Second, Dunham & Fletcher on produce of Bellone.
Third, Burgess & Son on produce of Wenona Lillie.
Fourth, McMillan on produce of Eloise.
Fifth, McLaughlin Bros. on produce of Cou-drette.

As interesting a collection of horses were shown here as in the class just preceding. Eight pairs were shown, bringing out some of the very highest class animals of the

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breed. It was indeed a superlative pair which won first ribbon. Etrageant and Dragon, winners in class of aged stallions and later sweepstakes stallion, and Dragon, first prize two-year-old, are a most notable pair. Cartilage, first prize three-year-old stallion and another good one, were second, and in such competition second was indeed an honorable position to hold. They were out of Bellone 50739. Several other very good pairs were shown, but were compelled to bow to their superiors that day.

CHAMPION STALLION.

Etrageant had no trouble in maintaining his position to which he has been assigned so many times this fall, and needs no further comment.

CHAMPION MARE.

Gold Medal—McMillan on Iolanthe.
Reserve—Dunham & Fletcher on Pink Coral.

This prize brought out four good mares, all of championship caliber, but McMillan's wonderful three-year-old was a good winner over Pink Coral, Dunham & Fletcher's yearling, a Pink colt which gives unusual promise of a great future. Dunham & Fletcher's old mare, Fosette, is also a mare of exceptional merit, and helped make the judging difficult. The special classes were many and offered good rewards for those competing.

SPECIAL "A"—AMERICAN-BRED STALLION FOAL UNDER ONE YEAR.

First, McClain on Victor.
Second, same on Valiant.
Third, Magnuson & Cutler on Besique.
A wonderfully chunky little fellow, of splendid muscling and character for one of his age won first, over his mate, a black of good quality, but not quite so much substance. The third entry was only an ordinary colt.

SPECIAL "B"—AMERICAN-BRED MARE, UNDER ONE YEAR.

First, Storm & Co. on Mowica.
Second, Cochran on Mishap.
Third, McClain on Rosaline.
A little black of refinement and good bone won for Storm over Cochran's Mishap, another black, with more quality, but lacking the size.

SPECIAL "C"—BEST FIVE ANIMALS BRED BY EXHIBITOR.

First, McMillan.
Second, Dunham & Fletcher.

SPECIAL "D"—BEST AMERICAN-BRED STALLION.

First, Cochran on MacDuff.
Second, McMillan.
MacDuff is a credit to the American Percheron breeding fraternity and well deserves the honor of winning the gold medal for Mr. Cochran.

SPECIAL "E"—BEST AMERICAN-BRED MARE.

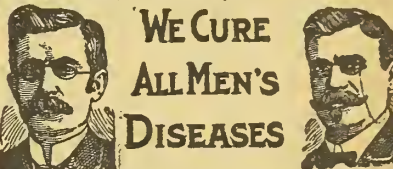
McMillan on Iolanthe.
If MacDuff is a credit to home breeding, Iolanthe is an honor, for she won championship as a mare, which MacDuff did not do as a stallion, although he had stronger competition.

CLYDESDALES.

Users of the draft horse throughout the country are coming more and more to recognize the breed from the braes of bonny Scotland, as a type eminently fitted for moving heavy loads. To the farmer in doubt as to the breed he wished to take up, the impression gained from watching the Clydes at Chicago was in every way an argument in favor of the feathered legs. Always possessing quality, a character which no other breed possesses so universally, nicely-rounded hodies and a walk which keeps on striding most

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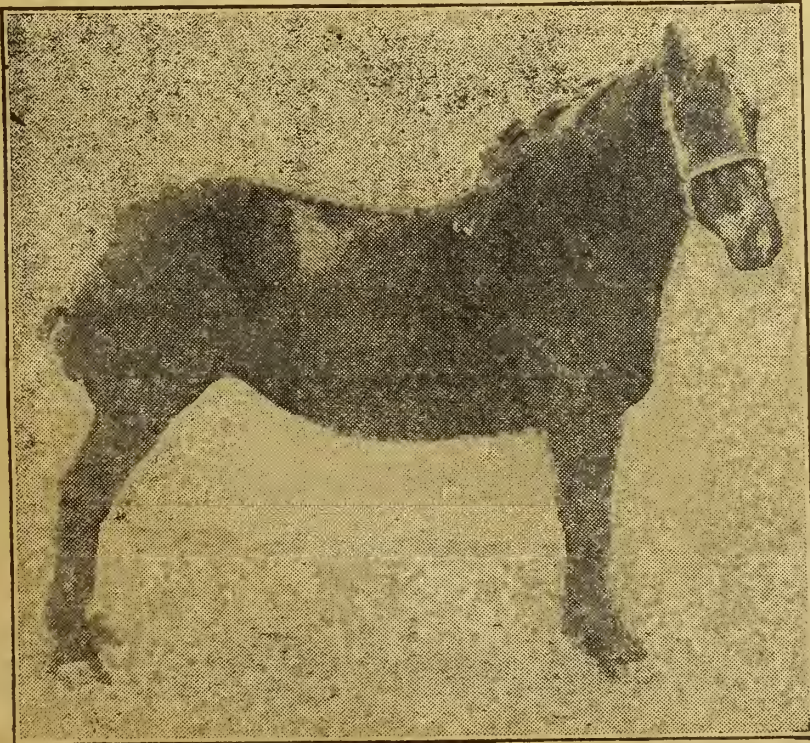


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manfully to follow, they gain friends almost everywhere. International visitors of a few years past remember what a wonderful six-horse team the Morris geldings made, and know that the geldings of the breed can be as good as the stallions in the show ring. This year's exhibit, in point of quality and numbers, was one of the bright spots of a most luminous horse exhibit. The best Canadian animals, together with the later importations from their native country, stood side by side with the best our country affords. The bulk of the awards went to our friends from across the line, but they went to winners. Graham Bros. won the lion's share of the premiums, but they had exceptionally good horses. The judges were from even more widely-separated districts than the exhibitors. Professors Marshall, from Texas; Humphreys, of Wisconsin, and Carlyle, of Colorado, journeyed far to make the awards. There were a few decisions which came as a surprise to on-lookers, and yet the placing of the rings was generally satisfactory. The Clyde exhibitors were Carpenter & Ross, Mansfield, Ohio (1 head); Ethelwold Farms, Mondovi, Wis. (7 head); Alex. Galbraith & Son, Janesville, Wis. (4 head); Graham Bros., Claremont, Ont. (12 head); Graham Renfrew Co., Ltd., Bedford Park, Ont. (7 head); Hodgkinson & Tisdale, Beaverton, Ont. (2 head); W. V. Hixson, Marengo, Iowa (3 head); Iowa State College, Ames, Iowa (2 head); William Moffatt & Bro., Paw Paw, Ill. (1 head); W. F. McCoy, Pleasant Plains, Ill. (5 head); McLay Bros., Janesville, Wis. (13 head); A. G. Soderberg, Osco, Ill. (8 head); Niles & McMillan, Hebron, Ind. (6 head). Awards: STALLION FOUR YEARS AND OVER. First, Graham Bros. on Right Forward. Second, Wm. Moffatt & Bro. on Urieside. Third, Graham-Renfrew Co., on Caliph.



Champion Percheron Mare, Iolanthe, owned by H. G. McMillan, Rock Rapids, Ia.

Fourth, McLay Bros., on Prince Punctual.
Fifth, Alexander Galbraith & Son on Bulwark.

This was one of the strong classes of the Clydesdale show. First choice fell to an exceedingly creditable draft specimen, and the award pleased all ringers. Right Forward carries the middle of a Belgian, with ends to match, and he has the underpinning of a typical Clydesdale. He goes straight and strong, and there were those who claimed him to be the best Clydesdale stallion ever shown at the International. Second choice was what you might call a heavy-topped horse, though he was not without a goodly supply of bone of good quality. He was a little loggy, but a gelding like him would be a very desirable type. Third choice fell to a more upstanding horse and one that might be improved in the middle. He appeared a little long in the back, but this was possibly due to lightness of dinner basket. He moved well and would be a horse to notice in any company. McLay's Prince Punctual might have stood higher without any criticism, and there were those who would have put him next to Right Forward. The Galbraith entry was also by no means a poor individual, though he also could be improved in the middle. This horse was at a slight disadvantage on account of being somewhat thin in flesh as compared with the entries above him.

THREE-YEAR-OLD STALLIONS.

First, Graham-Renfrew Co. on Evander (12573).
Second, Galbraith & Son on Baron Donne (12613).
Third, Graham Bros. on Celtic Pride (5412).
Fourth, Soderberg on Ethelbert 12025.
Fifth, McLay Bros. on Baron's Nisbet 12563.
It was this class that caused a little ring-side comment, regarding the placing of the Des Moines and Kansas City champion, fourth place being his lot instead of first. First place was hotly contested for by Evander and Baron Donne, the former winning the coveted blue ribbon on his more typical action and because he was a little better constructed at the ground. Baron Donne had his favorites among the laymen for first, having a bit more substance and plenty of character. Style was an important factor in placing Evander first. Celtic Pride is an excellent animal, better perhaps a little at hocks, but for good all round qualities, Ethelbert, it seemed to many, was more horse. He's a good one in any company and many thought Mr. Soderberg in hard luck that he did not get higher. Nine came before the judges in this class.

TWO-YEAR-OLD STALLIONS.

First, Graham-Renfrew Co. on Flash Baron (12978).
Second, same on Baron Hamlet (12827).
Third, Ethelwold Farms on Prince Winsome 12045.
Fourth, Graham Bros. on Colonial 6119.
Fifth, McLay Bros. on Collingwood 12553.
Out of a class of ten two Baron's Pride colts won first and second, showing much of the old Baron's quality and character. Flash Baron was a trifle more sloping at the shoulder, had a little advantage at the ground and showed a slight advantage in quality. Third, fourth and fifth places went to good animals of excellent Clydesdale character. One well-bred colt, McQueen's Crest, by the famous McQueen, was shown in this ring, but didn't carry quite enough good points with his breeding to get inside the money.

YEARLING STALLIONS.

First, Graham Bros. on Blacon Swagger (6121).
Second, Ethelwold Farms on Grand Triumph 12047.
Third, McLay Bros. on Golden Prince 12346.
Fourth, same on The Favorite Prince 12347.
Fifth, Ethelwold Farms on High Mark 12043.
A toppy class of five youngsters answered the call, first place being awarded to a bay of first-class quality and Clyde character.

AGED MARES.

First, Graham-Renfrew Co. on Lanark Queen.
Second, McLay Bros. on Lady Elegant 10422.
Third, McLay Bros. on Princess Goodwin 9849.
Fourth, Galbraith & Son on Flossie 12604.
Fifth, McLay Bros. on Princess Handsome 9758.

Just enough mares were in this class to take up the money and leave none out. Lanark Queen took first by virtue of her strong-

ly-coupled loin, her breediness of character and a typical Scotch action. She is just a little light in the middle. Lady Elegant out-acts Princess Goodwin, the Des Moines winner, but is not quite so massive. Flossie has plenty of quality and type, but is a little on the rany order, her advantage over Princess Handsome being at the ground.

THREE-YEAR-OLD MARES.

First, McLay Bros. on Lady Graceful 11118.
Second, Galbraith & Son on Strathendrich Jean 12605.
Third, Soderberg on Osco Sweetness.
Lady Graceful is a roan of excellent style and beautiful finish, better-made feet and a more typical build. The second prize was awarded a bay because of more bone, substance and action than the only other entry in the ring.

TWO-YEAR-OLD MARES.

First, Hodgkinson & Tisdale on Fifeshire Lass, Vol. 29.
Second, McLay Bros. on Mayoress 12582.
Third, same on Point Lace 11586.
Fourth, Soderberg on Osco Bloss 12056.
Fifth, McCoy on Katy May 11606.
Out of eight entries shown the bay, Fifeshire Lass, was considered more of the typical form and action, but the black that went second had lots of quality and more middle than Point Lace, the winner at Des Moines. The others were fairly good mares also, and by no means was this class a mediocre one.

YEARLING MARES.

First, Iowa Agricultural College on Peach Blossom 12155.
Second, Hodgkinson & Tisdale on Palmers-ton's Darling 123332.
Third, McLay Bros. on Patroness 12572.
Fourth, Niles & McMillan on Lady Wil-bray.
Fifth, Ethelwold Farms on Princess Winsome 12044.
The Iowa Agricultural College brought out the winner of the seven yearling fillies in a little peach, a light bay, of pretty type and character. Queen's Maid isn't quite so typical, yet has more of a body, especially deeper at flank.

BEST FOUR ANIMALS BY ONE SIRE.

First, Graham Bros.
Second, Ethelwold Farms.
Third, W. F. McCoy.

TWO ANIMALS PRODUCE SAME DAM.

First, McLay Bros.
Second, Soderberg.
Third, Ethelwold Farms.

McLay's pair were more typical in quality, action and form. Soderberg's pair were good ones and the mare that produced them must have been a good one.

Champion Stallion—Graham's Right Forward.
Champion Mare—Graham-Renfrew Co. won with Lanark Queen.

SPECIAL "A"—STALLION FOALS.

First, McLay Bros. on Royal Gordon.
Second, Soderberg on Osco Captor.
Third, Ethelwold Farms on Challenger.
The winner is a brown, fine in quality and more of a Clydesdale than the light bay which stood second. Third place went to a colt with rather crooked legs, but an attractive fellow.

SPECIAL "B"—FILLY FOALS.

First, McLay Bros. on Lady Like.
Second, Niles & Hough on Lady Robgill.
Third, Ethelwold Farms on Winsome Princess.
Fourth, McLay Bros. on Fair Helen.
Fifth, McCoy on Fair Helen.
A light-colored little female of promising character won first in this class of seven youngsters.

SPECIAL "F"—PAIR OF GELDINGS.

First, Morris & Co.
Second and third, Union Stock Yards Co.
Morris' pair was a fine example of draft geldings and won easily.

BELGIANS.

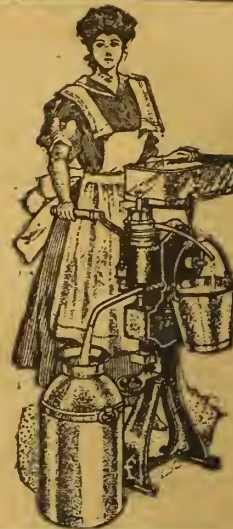
The Belgians at this year's International made an attractive showing, for the most part, at least. If the good promise given by the first two stallion classes had prevailed throughout the whole exhibit of this great breed, horses of other breeds would have been forced to look well to their laurels. To see such heavily-made fellows moving about with such apparent ease certainly sends a thrill to the heart of a lover of good horses. For massiveness, combined with strength and

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BOYLES COLLEGE, 1804 HARNEY ST., OMAHA, NEB.



quality of bone, the Belgians are surely near the top. The horse which perhaps attracted more attention than any other was Crouch & Son's newly-imported Perce 2276, a big dapple gray five-year-old of most sensational qualities. As hinted above, the mare classes did not attain the standard set by the stallions. Notwithstanding the good points of many of the horses, unsoundness would occasionally crop out and one entire ring of mares was thrown out by the judges for this defect. The Belgians were the first before the judges Monday morning and the work was completed long before night. The judges were Prof. Wayne Dinsmore, of Iowa, and Mr. W. E. Fritchard, of Illinois. Exhibitors: J. Crouch & Son, Lafayette, Ind.; Robt. Burgess & Son, Wenona, Ill.; H. A. Briggs, Elkhorn, Wis.; Finch Bros., Joliet & Verona, Ill.; McLaughlin Bros., Columbus, Ohio; Henry Lefebure, Fairfax, Iowa; Oltmanns Bros., Watseka, Ill.; H. & H. Wolf, Wabash, Ind. The awards:

AGED STALLIONS.

First, J. Crouch & Son on Perce 2276.
Second, H. A. Briggs on Monton de Feiny.
Third, Finch Bros. on Fraseur 2142.
Fourth, Crouch & Son on Mon Sanhalt 1582.
Fifth, Burgess & Son on Garibaldi de Bel Air 23864.

Sixteen head responded to the call of the superintendent in this class, and some very good ones, too. There were some culls, however, as might be expected in so large a number. A short leg of eight, however, brought out some extra good ones and it was only after careful deliberation that the above order was fixed. Those interested in horses were curious to see Crouch's newly-imported and widely-heralded Perce 2276. He is surely a splendid animal and took first place easily. A head of great character, a massive body, a wealth of muscling and strength of underpinning, all go to make him a great horse. For second place H. A. Briggs held a heavy strawberry roan, of low-down type, well muscled and a good mover. Finch Bros. came third with another strawberry roan, which seemed to be the prevailing color in the breed here, but it was fourth place which caused comment. Mon Sanhalt, Crouch's beautiful chestnut, champion at other shows, was forced to fourth place here, because of a slight lameness resulting from an accident in transportation. The fifth prize winner was not of the same type as his competitors, being a little long of body and somewhat up-standing.

THREE-YEAR-OLD STALLIONS.

First, Burgess & Son on Forten de Saint Jean 2072.
Second, Crouch & Sons on Charon 2379.
Third, Crouch & Sons on Thomas 2277.
Fourth, H. & H. Wolf on Jamin 1950.
Fifth, Briggs on Champagne de Berthen 1886.

There was less tendency toward unsoundness in the twelve head of three-year-olds than was noticed in the aged stallions. First prize went to a blocky fellow of the prevailing strawberry roan color, a stallion with snap and vigor in his action. Crouch & Sons' glossy brown came second. This horse showed more quality and a little better movement than the winner of the blue, but lacked the massive frame of his more fortunate rival from the Burgess stables. Crouch & Sons had the third prize also, on a heavy-framed fellow, with plenty of muscle, but a little small in his feet, and close in his traveling.

TWO-YEAR-OLDS.

First, Crouch & Sons on Nelson 2274.
Second, Lefebure on Major d'Ob.
Third, Crouch & Sons on Herman 2270.
Fourth, Finch Bros. on Ange Pilon 8561.
Fifth, Burgess & Son on Remi 2323.
Out of a class of twelve head, mostly of medium quality, Crouch & Sons took first on a home-bred colt of good quality, strong level action and sound feet of fine texture. Lefebure won second with a horse a trifle light in the body on sturdy, well-muscled legs. Herman was inclined to a heaviness of bone and lacked trimness in his makeup, also being just a little slow and uncertain in his action.

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YEARLING COLTS.

First, Finch Bros. on Madire.
Second, Lefebure on Bizar 1994.
Third, Lefebure on Hercules.
The Finch colt was easily the best of the three, being heavier with rather more finish than second and third.

MARE CLASSES.

The aged mares were all declared unsound and no ribbons were handed out.

THREE-YEAR-OLD MARES.

First, H. & H. Wolf on Pistille 272.
Second, H. & H. Wolf on Lionnette Roissia 270.
Third, Lefebure on Lisa de Hemp 254.
Fourth, Lefebure on Mynette 188.

Only four entries appeared in this ring and they were led by Pistille 272, a strawberry roan of good width, a roomy middle and good action. Second went to a rolf mare, not quite so heavily made as her mates, but good of movement, strong on her feet and clean of limb. Lefebure came third and fourth with a pair somewhat lighter made than either of the two which went first and second.

TWO-YEAR-OLD MARES.

First, Finch Bros. on Pratche de Aloam 277.
Second, Lefebure on Manizelle de Don 256.
Third, Lefebure on Josette 283.
Only three mares answered the judge's call for two-year-old mares. The first mare carries the usual color and was the superior in type of the other two.

YEARLING MARES.

First, Finch Bros. on Riger de Scailmont.
Second, Finch Bros. on Julia.
A couple of ordinary colts made up this ring, the first prize going to the one with the most scale and quality.

FOUR ANIMALS ANY AGE, GET OF ONE SIRE.

Lefebure won, being the only entry, on get of Ruban 1062.

TWO ANIMALS ANY AGE, PRODUCE OF SAME DAM.

First, Finch Bros.
Second, Lefebure.

CHAMPION STALLION ANY AGE.

Crouch & Sons on Perce 2276.

CHAMPION MARE ANY AGE.

H. & H. Wolf on Pistille 272.

SPECIALS.

"A"—FIVE STALLIONS PROPERTY OF ONE EXHIBITOR.

First, Crouch & Sons.
Reserve, Burgess & Son.

"B"—THREE MARES, PROPERTY OF ONE EXHIBITOR.

First, Lefebure.
Reserve, Finch Bros.

"C"—CHAMPION STALLION.

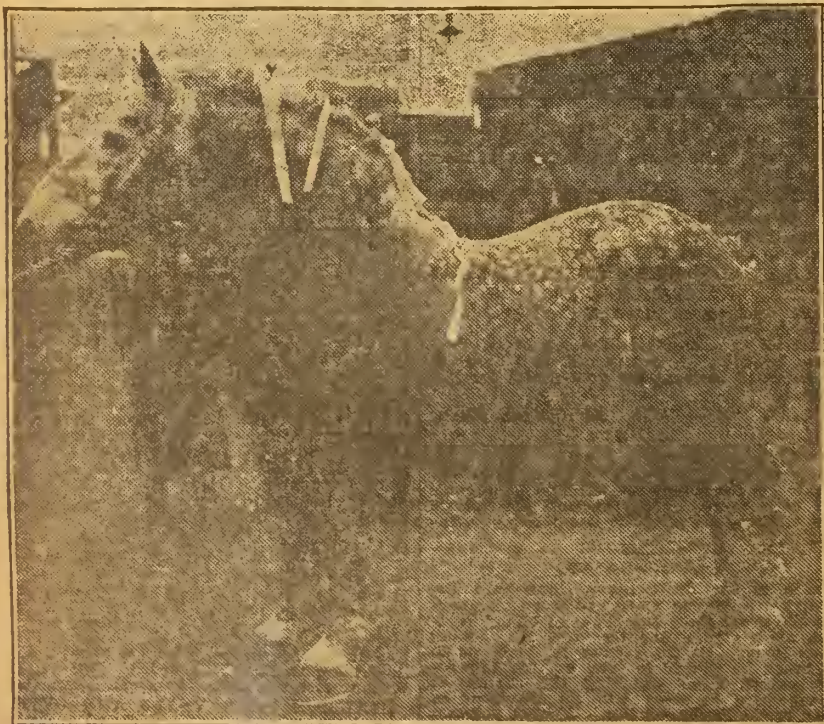
Crouch & Sons on Perce.

"D"—CHAMPION MARE.

H. & H. Wolf on Pistille 272.

GERMAN COACH.

Although two studs were entered for competition in the German Coach classes, as a matter of fact, only one, that of Crouch & Sons, of Lafayette, Ind., led out. Oltmanns Bros., of Watseka, Ill., were there with a good string, but withdrew from competition. The fact that only one exhibitor was competing lessened the general interest somewhat, but the crowds in the auditorium were more than delighted with the great showing made



Champion Belgian Stallion, Perce, owned by J. Crouch & Son, Lafayette, Ind.

by the Crouch firm. Old Hannibal has lost none of his charm as a high-class actor and was first all through the competition, in whatever class he was shown. His most assuredly fills the eye as a horse of substance, quality and action. An exceptionally good two-year-old stallion was brought out in Amadent 3719. This young horse has remarkably graceful action, both front and rear. The mare classes only served to show the superiority of that splendid three-year-old, Mute 390. She is perfectly mannered and almost as graceful and sensational an actor as Hannibal. Messrs. Crouch are to be congratulated on their splendid string of coaches, and it was unfortunate that competition was lacking in all the classes.

SHIRES.

This most excellent breed of English draft horses has been attracting more attention during the show season just past than any other breed of heavy horses shown on the entire circuit. It is certainly to be hoped that the prominence given them will make them approach somewhat the popularity and general usage to which they are accustomed in England. In an exhibition of horses not equaled elsewhere on the continent, the Shires made a showing which would compare most favorably with that of any breed when their comparative scarcity in the United States and Canada is considered. The animals shown at various places throughout the United States and Canada by His Majesty the King of England and the Baron Rothschild have been a drawing card wherever they have been shown. The French horse just at present is the most widely used drafter in our country, but the two British breeds are just coming into their own, if the showings at the various fairs and expositions are any criterion. The Shire lacks a bit of the snap and vigor, and it may be a little of the exceptional quality of the Scottish Clyde, but your Englishman thinks no other breed is so adapted to the draft requirements of the larger cities. He is a more closely-built animal, and heavier made than the Clyde, possessing a heavier feather, but many individuals of each breed would readily pass for the other. The best of recently-imported stock met the cream of home-bred animals in keen competition in every class. Awards were made by Alex. Galbraith, of Janesville, Ill., a large importer of Clydesdales, a man who, by much travel through the Shire district of England, has become familiar with them in their native land. The order of judging, as in the Clydesdales and the Percherons, was somewhat unique, beginning with the aged mares, following down the female classes, then starting on the yearling stallions and working up to aged stallions. The placing in some cases was a trifle difficult to understand from the standpoint of Shire type. The exhibitors were His Majesty King Edward VII., Sandringham, England (3 head); Lord Rothschild, Tring Pk. Herts., England (1 head); Roht, Burgess & Son, Wenona, Ill. (6 head); Lew W. Cochran, Crawfordville, Ind. (5 head); William Crowner, Hudson, Iowa (9 head); Finch Bros., Verona and Joliet, Ill. (25 head); F. M. Mountjoy, Atlanta, Ill. (2 head); L. N. & O. R. Sizer, Fisher, Ill. (6 head); A. G. Soderberg, Osco, Ill. (3 head); Trumans' Pioneer Stud Farm, Bushnell, Ill. (18 head); Taylor & Jones, Williamsville, Ill. (16 head). Awards:

AGED STALLIONS.

First, Burgess & Son on Premvictor (19947).
Second, Lord Rothschild on Girton Charmer (20515).
Third, Burgess & Son on Bank Nil Desperandum (21096).
Fourth, Finch Bros. on Stuntney Bounder 7296.
Fifth, Burgess & Son on Blaze of Worsley III. (21156).
Six stallions lined up for inspection in this

ring, bringing before the judge some powerful animals. Premvictor is a good horse with plenty of substance and goes finely at the walk. The second animal, entered by Lord Rothschild, was purchased by Mr. Burgess to add to his already excellent stud at Wenona. He is a little tall and rough, but has a powerful build, and strength stands out all around. The third horse, with the superfluous name, was picked by many as a winner, being a stallion of outstanding quality, very low set, with a wonderful square build. His action wasn't up to the level of his conformation, but was not by any means poor.

THREE-YEAR-OLD STALLIONS.

First, Burgess & Son on Bank Jack Tar (22961).
Second, Finch Bros. on Black Lad (23322).
The Burgess entry is a little on the tall order, with heavy legs and feet, and not very much feather, and stood above a glossy black with pretty feather and much more of the low-down, business-like colt. Finch Bros. had a good colt in the second prize winner and he might possibly have won first if he had shown the judge he could travel.

TWO-YEAR-OLD STALLIONS.

First, Burgess & Son on Lymm Jumbo II. (23900).
Second, Finch Bros. on Finch's Justice 8425.
Not a little criticism was called forth on the placing of this class, for the second colt had quality, finish and style not found in the first prize winner, but didn't show quite as heavy a middle. He was nearer the ground and had better pasterns. The big brown is, however, a useful sort and is the type to get good geldings.

YEARLING STALLIONS.

First, Burgess & Son on King's Drayman (23907).
Second, Finch Bros. on Finch's Kind 8427.
Third, Soderberg on Noble King 8478.
Fourth, Finch Bros. on Finch's Buster Brown 8322.
Four high-class yearlings constituted a class which compared well with any Shire class shown. A good little bay which had lots of quality and style to back him for first place won over Finch's Kind because of a little lack of style in his make up and his going. A drafty little fellow, black in color, with the finish so often associated with that color, stood third over Finch's Buster Brown which has held a higher position at other fairs.

No aged mares were shown.

THREE-YEAR-OLD MARES.

Only one entry, Mountjoy's Lady Wakefield, a dark bay with a great, strongly-coupled body and depth of muscling in hind quarters, was shown, and was awarded the blue ribbon.

TWO-YEAR-OLD MARES.

First, Soderberg on Osco Sylvia 8206.
Second, Finch Bros. on Ruddington Alberta (46842).
The smaller filly took first away from Finch's colt, because of straighter, stronger action and more spring of rib. A large, somewhat leggy bay with white feet, but strongly built, is Ruddington Alberta, an imported mare.

YEARLING FILLIES.

First, Cochran on Minnehaha 8423.
Second, King Edward VII. on Buscot Vain Maid, Vol. 28.
Third, Finch Bros. on Joliet's Clara 8164.
A very fine actor, with good solid feet, lots of quality and full in the middle, took first, as she has usually been doing this fall. Her nearest competitor was one of King Edward's exhibit, a bit long in the underline, a little rough in appearance and not so heavy on haunch as Minnehaha, but with feet as good as one could wish, and a steady mover.

FOUR ANIMALS GET OF ONE SIRE.

Finch Bros. on get of Dunsmore Justice.
TWO ANIMALS PRODUCE OF ONE DAM.
First, Finch Bros.
Second, Cochran.

CHAMPION STALLION.

Premvictor, owned by Robt. Burgess & Son. Reserve ribbon was awarded King's Drayman, the yearling winner from the same stables.

CHAMPION MARE.

Minnehaha, owned by Cochran, reserve going to Osco Sylvia from the Soderberg barns.
BEST THREE MARES OWNED BY EXHIBITOR.

Finch Bros. on Joliet's Clara, Pearl and Ruddington Alberta.

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135 Willow Street,

New Haven, Conn.



BEST IMPORTED STALLION.

Burgess & Son on Premvictor.

BEST IMPORTED MARE.

Finch Bros. on Ruddington Alberta.

BEST AMERICAN-BRED STALLION.

Finch Bros. won first.

BEST AMERICAN-BRED MARE.

Minnehaha won for Cochran.

FRENCH COACH HORSES.

The show of these great actors, coach, hackney, saddlers, whatever they chance to be, may always be depended upon to attract attention. The immense crowds which came Wednesday afternoon were treated to a wonderful exhibit. Competition was sufficiently keen to compel each horse to show his very best paces in order to do himself justice. The French Coach classes did not bring out any Hannibal, for there were none which combined as perfect breed type with extreme action so happily as does the coach king of America, but some would push him very, very hard on action, and others showed marvelous development of coach type. This breed reminds one not a little of some of our standard-bred trotters, but are not quite so rangy and show more attractive conformation. Many American lovers of the heavy harness horse are experimenting with this breed from sunny France, with a view of producing a high-class actor from native mares. From the number of exhibitors and the general high quality of the exhibit one may have sufficient reason to state that they are a deservedly popular breed in America. Their proud, intelligent carriage won many admirers among the spectators and round after round of applause was given several of the best when they were in action. Dunham & Fletcher, of Wayne, Ind., had twelve good entries; E. M. Barton, of Hinsdale, Ill., showed thirteen of no ordinary ones; McLaughlin Bros., of Columbus, Ohio, kept up their reputation as good horsemen with their exhibit of ten head. Judge Harry McNair, a horse commission man of Chicago, placed the awards to the satisfaction of all concerned. In the three-year-old class a beautiful black with a gracefully-flowing tail, stood out in this French Coach show. The long tail looked odd in a ring of docked switches, and he showed a different type from that recognized by the breeders of these horses, reminding one more than a little of the famous saddle stallion, Jack o' Diamonds. His action and beauty took the crowded galleries by storm, and no doubt many of the visitors were disappointed in seeing him go no higher than fourth place, but his type would not allow of it. Then, too, there were three very high-class stallions above him. The winner of the championship and first of the aged stallions is a proud black, possessing splendid action. The winners in the female classes are individuals of exceptional merit and in point of quality, if not of numbers, kept up their share of the exhibit. Awards:

AGED STALLION:

(6 entries.)

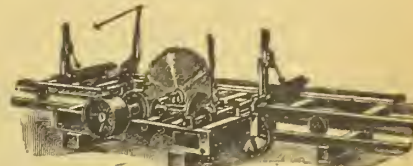
First, McLaughlin Bros. on Chandlerinagor 4140.

Second, Barton on Troarn 849.

Third, Barton on Guillard 2747

Fourth, McLaughlin Bros. on Crassvillee 4055.

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THREE-YEAR-OLD STALLION.

(9 entries.)

First, McLaughlin Bros. on Distingue 4124.

Second, McLaughlin Bros. on Demi Devil 4150.

Third, McLaughlin Bros. on Dictateur 4154.

Fourth, Barton on Trappy 3817.

TWO-YEAR-OLD STALLIONS.

(4 entries.)

First, McLaughlin Bros. on Ecageul 4133.

Second, Barton on Enchanter 3827.

Third, Barton on Marquette 3834.

MARE FOUR YEARS OR OVER.

(2 entries.)

First, Barton on Esmeralda 1360.

Second, Barton on Ismene 1964.

THREE-YEAR-OLD MARE.

Barton on Verdant 3824.

TWO-YEAR-OLD MARE.

First, Barton on Patty 3850.

Second, Barton on Innocense 3845.

Champion Stallion—McLaughlin Bros. on Chandlerinagor.

Champion Mare—Barton on Esmeralda.

FOUR ANIMALS GET OF ONE SIRE.

Barton on Vengeur.

TWO ANIMALS OUT OF ONE MARE.

Barton first and second.

CHAMPION GROUP OF FIVE FRENCH COACHES OWNED BY EXHIBITOR.
McLaughlin Bros.

HACKNEYS.

No classes shown at the International gave onlookers a better time than did the Hackneys. Unfortunately some of the entries were withdrawn on account of some disagreement over the personnel of the judging committee, this being the reason why the notable entries of the Truman's Pioneer Stud Farm do not appear in the premium list. Graham Bros., of Claremont, Ont., practically swept the boards, receiving as they did first in the four-year-old stallion class over as well as under fifteen and a quarter hands high, first in the three-year-old stallions and first in the two-year-olds. Messrs. Robert Burgess & Son, of Wenona, Ill., and Alexander Galbraith & Son, of Janesville, Wis., put up some good competition against Graham Bros. in the four-year-old stallion class and in the three-year-olds. Hackney history made last week at the International might have read differently had the Truman horses competed, because it has generally been conceded that this firm owns one of the greatest heavy-harness horses in their four-year-old stallion that has ever been brought to this country.

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One of the oldest and largest concerns in the world dealing in furs and hides, is probably that of Messrs. Andersch Bros., of Minneapolis, Minn. The illustration on this page shows their large warehouse and offices. No doubt many of our readers have little idea of the magnitude of this firm's business. Their operations extend all over the world. They buy direct from trappers and other original producers and sell only to actual manufacturers and are in a position to pay the highest market prices at all times. Therefore, when one is in a position to do

business direct with a firm like Andersch Bros. they should write for price list. This firm has issued a valuable book called "The Hunter's and Trapper's Guide," which tells all about furs and hides, how to handle and prepare them for market. It cost several thousand dollars to prepare the book, but it will be sent free to readers of this paper who write for it. It sums up the practical knowledge and experiences of the past 200 years or more of the American fur trader. Write them today for their hide and fur price list. Address Messrs. Andersch Bros., Dept. 19, Minneapolis, Minn.

while their famous Hackney mare has been a winner at the great horse shows. From the standpoint of the public the disagreement that caused the withdrawal of these horses was a matter to be keenly regretted.

DRAFT GELDINGS.

This exhibit is always a feature of the evening program at the International, and it is a show worth going far to see. The market horse is here seen in a state of perfection, strength, endurance and intelligence being seen here as is possible nowhere else in live stock showman in America. Morris' big Clydesdales surely warm the heart of the Clyde lover, while the Percheron man finds plenty of material to swell him out in the massive fellows shown by Swift and Pabst. Probably no man in America is more of an authority on draft gelding than the man who has officiated as judge of that class at several Internationals, viz., Prof. C. F. Curtiss, of Ames, Iowa. Not only is it worth spending time and money to see the horses themselves, but the magnificent equipments and the skilful handling of the teams by their drivers help to make the exhibit particularly strong. King Edward had a wonderful gelding on exhibition this year. The Clyde people were the only association offering special prizes for draft animals of their breed, and the famous Duncan, of Nelson Morris & Co.'s great six, was best in that class. Those who had entries were: King Edward VII. of England (2 head); Armour & Co., Chicago (12 head); Morris & Co., Chicago (8 head); Oltmanns Bros., Watseka, Ill. (1 head); Schwarzschild & Sulzberger, Chicago (10 head); Swift & Co., Chicago (12 head). Awards: Class 49—Single mare or gelding weighing over 1,750 pounds, to halter: First to Armour & Co., Union Stock Yards, Chicago.

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Class 50—Single mare or gelding weighing 1,500 to 1,750 pounds, to halter: First to Union Stock Yards and Transit Company, Chicago; second to McLay Bros., Janesville, Wis.; third to Morris & Co., Union Stock Yards, Chicago; fourth to Schwarzschild & Sulzberger, Union Stock Yards, Chicago; fifth to Schwarzschild & Sulzberger.

Class 51—Pair horses weighing 3,000 to 3,500 pounds to wagon: First to Union Stock Yards and Transit Company; second to Schwarzschild & Sulzberger; third to Union Stock Yards and Transit Company; fourth to Armour & Co., Union Stock Yards, Chicago.

Class 52—Pair horses weighing over 3,500 pounds, to wagon: First to Morris & Co.; second to Armour & Co.; third to Swift & Co., Union Stock Yards, Chicago; fourth to Schwarzschild & Sulzberger.

Class 53—Three horses, abreast to wagon: First to Armour & Co.; second to Morris & Co.; third to Swift & Co.; fourth to Schwarzschild & Sulzberger.

SHEPHERD PONIES.

The little beauties are always attractive, but always interest the youngsters, and it is safe to say that not a child saw the International that didn't spend all the time his parents would allow him in the barns where were kept the pigmy horses. For such an audience as is usually present at the evening programs, the Shetlands are not without their merits as drawing attraction. W. J. Sampson, of Youngstown, Ohio, officiated as judge and had plenty to do. Friday some of the ponies were out in the ring going through their tricks for the benefit of the public school for crippled children. It certainly did one's heart a world of good to see big Tom Bell leading the little brown pony around to kiss and shake hands with the happy little unfortunates. The exhibitors were: C. E. Bunn, Peoria, Ill. (7 head); G. H. Simpson, Chicago, Ill. (3 head); T. S. Simpson, Jr., Rogers Park, Ill. (4 head). Awards:

Class 87—Shetland pony, either sex, not exceeding forty-six inches, three years old or over, shown under saddle: First to Squirrel, owned by Theodore S. Simpson; second to Imp. Vordillaide 3d, owned by George H. Simpson; third to Dwarf Oak, owned by C. E. Bunn.

Class 88—Shetland pony, either sex, not exceeding forty-six inches, shown to appropriate vehicle: First to Grandee, owned by Charles E. Bunn; second to General Shafter, owned by Charles E. Bunn; third to Imp. Vordillaide 3d, owned by George H. Simpson.

SWINE.

The swine department of the International as a narrow proposition has apparently come to the jumping off place, as the numbers in most of the classes this year would make a humiliating exhibit at a county fair. This is not equivalent to saying that good stuff could not be found in nearly all the classes, because when such breeders as John Francis & Sons, of New Lenox, Ill., of Poland fame; the Iowa Agricultural College with its numerous breeds; also the Wisconsin and Ohio universities; Whitehall Farm, of Yellow Springs, Ohio, and E. H. Deal & Son, of Elwood, Ill., both well known in Duroc circles; and Thos. H. Canfield, Lake Park, Minn., and J. E. Brethour, of Ontario, the two most extensive breeders of Large Yorkshires on the continent—when men and firms like these turn out they generally bring something good with them. Then the Hampshires were out in numbers from the herds of W. H. Goodwine, of Potomac, Ill., and E. C. Stone, Armstrong, Ill. The numbers in but few classes were too small for keen competition, though there was a good contest between the two noted Yorkshire herds on the grounds. Both Messrs. Goodwine and Stone put up a good fight in the Hampshires and the state institutions were out with some good stuff.

In the lineup for the sweepstakes barrow any age or breed the Ohio University drove out a smooth 275-pound Berkshire; the Iowa Agricultural College a 435-pound Poland China and a 500-pound Duroc; Thomas H. Canfield a 600-pound Yorkshire, and Stone and Goodwine, respectively, a 300 and 250-pound Hampshire. A committee of five placed the awards and to the surprise of almost every onlooker it fell to the Canfield Yorkshire. This pig, from the standpoint of breed type and quality, was faultless, but it was generally believed that his weight would tell against him, taking him into the class of heavy bacon—never a market-topping type. The Poland shown by the Iowa institution stood inspection well, being of the smooth

hog-all-over type—an individual that will not be duplicated in many a day. In downing this kind Mr. Canfield brought great honor to his own renowned herd and fresh laurels to the breed. But the question still remains unanswered, "Where are we at?" when a 600-pound hog of any color, age or breed can win at the Union Stock Yards, Chicago, against a well-made 275-pound Berkshire or a well-high perfect Poland of 435 pounds. Will a car load win and will they top the market ever?

Turning to the champion pen of barrows we find the ribbon going to three April Berkshires just at 200 pounds each, belonging to the Iowa Agricultural College—winning against some 400-pound Polands shown by the same institution and a pen of Mr. Canfield's heavy bacon hogs.

AWARDS ON CARLOAD HOGS.

There were but nine carloads of swine entered at the International this year as compared with twelve last year. C. L. Hess, of Hopedale, Ill., won the grand championship prize with a carload of Poland Chinas. J. McMahon, of Lancaster, Wis., entered the only load in the class ranging in weight from 250 to 350 pounds. In the class under 250 pounds the load second to Mr. Hess, who won first, was owned by Horn Bros., of Valparaiso, Ind., with Chester Whites, while third in this class went to Wineberg & Co., of Rushville, Ill., on Berkshires. Horn Bros. also won first in the under 200 pound class with Berkshires, with A. Wineberg, of Augusta, Ill., second with grade Berkshires, and R. L. Bollman, of Coal Valley, Ill., third on Hampshires.

BREEDING SHEEP.

The most notable improvement over last year's exposition found in any of the departments was in this division. The sheep barns were taxed to the limit with numbers, while the quality ranked fully as high, if



Largest Hide and Fur House in Iowa.

The above illustration shows the large new building of C. L. Percival Co., 1102 Cherry St., Des Moines, Iowa, one of the largest and most reliable hide and fur houses in the West, having been in business since 1886. If interested, write the firm at the above address, and also see their advertisement on page 29.



THE OLD RELIABLE Anti-Friction Four Burr Mills.

Double the Capacity of other Mills. / TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 lbs. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill. Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

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Dead Shot Worm Killer Kills the Worms and Saves the Hogs.

One hundred seventy-five million dollars worth of hogs died last year from so-called hog cholera. Ninety per cent of all losses originated from hog worms, the certain fore-runner of constipation, fever and hog cholera. "Farmers," don't experiment with uncertainties, but send direct to us for our "DEAD SHOT WORM KILLER." Five cents per head is all it costs to rid your pigs of hog worms. Price, 3 lbs., \$1.50; 7 lbs., \$3.00; 10 lbs., \$4.00. Express charges prepaid to your nearest express office. Send today and you will get the remedy tomorrow. Address,

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not a little higher than at any previous International. In many of the classes the contest was keen between Canadian and American exhibitors, and in this respect the sheep show was really and truly an International affair. In the fat classes, especially, the Canadians were strong in all their exhibits, and western breeders did well to get a peep in occasionally. The following is a list of the awards in the breeding and fat classes:

SHROPSHIRE.

Class 1—Ram, two years or over: First to G. Howard Davison, Millbrook, N. Y.; second to John Campbell, Woodville, Ont.; third to J. G. Hammer, Brantford, Ont.

Class 2—Ram one year and under two: First to F. W. Harding, Waukesha, Wis.; second to G. Howard Davison; third to Lloyd-Jones Bros., Burford, Ont.

Class 3—Ram lamb under one year: First and third to G. Howard Davison; second to Henry L. Wardwell, Springfield Center, N. Y.

Class 4—Ewe one year and under two: First and third to John Campbell; second to Lloyd-Jones Bros.

Class 5—Ewe lamb under one year: First to Chandler Bros., Kellerton, Iowa; second to G. Howard Davison; third to Henry L. Wardwell.

Class 6—Flock consisting of one ram one year or over, two yearling ewes and two ewe lambs: First to G. Howard Davison; second to Lloyd-Jones Bros.; third to John Campbell.

Class 7—Four lambs of either sex, the get of one sire: First to W. S. Carpenter, Simcoe, Ont.; second to Henry L. Wardwell; third to John Campbell.

Class 8—Champion ram: Awarded to G. Howard Davison; highly commended, John Campbell, Woodville, Ont.

Class 9—Champion ewe: Awarded to G. Howard Davison.

Breeding Shropshire special for Wardwell prize: Awarded to Sam Bradburn.

SOUTHDOWNS.

Class 10—Ram two years or over: First to George McKerrrow & Sons, Pewaukee, Wis.

Class 11—Ram one year and under two: First to Telfer Bros., Paris, Ont.

Class 12—Ram lamb under one year: First to Telfer Bros.

Class 13—Ewe one year and under two: First to George McKerrrow & Sons.

Class 14—Ewe lamb under one year: First to Telfer Bros.

Class 15—Flock, consisting of one ram one year old, two yearling ewes and two lambs: First to Telfer Bros.

Class 16—Four lambs of either sex, the get of one sire: First to Telfer Bros.

Class 17—Champion ram: Awarded to Telfer Bros.

Class 18—Champion ewe: Awarded to George McKerrrow & Sons.

OXFORD DOWNS.

Class 19—Ram two years or over: First

(Continued on page 26.)

OUR DAIRY DEPARTMENT

ALL communication relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

THE FLAW IN OUR DAIRYING SYSTEM.

Professor McKay, of the Iowa Agricultural College, discusses the responsibility of dairy producers in this department this week, and we call special attention to what he has to say on the subject. Professor McKay indulges in a little plain talk when he says that American butter has been rapidly declining in quality during the last five or six years, and yet his prominence as a dairy expert must compel every reader to accept this statement as a plain, bald truth.

It is singularly unfortunate that a partial cause of this deterioration is the hand separator, because it has always been our opinion that the hand separator was solving some of the dairyman's most difficult problems. It enables him to utilize his skim milk while it is in ideal condition to feed, and it saves much labor for the womenfolk in the washing of utensils. If it is simply the matter of giving more attention in the future to the washing of the separator bowls, every man who owns a separator should take it to heart that it is his solemn duty, if he sends his cream to creameries, or even if he manufactures butter at home, to wash the separator every time it is used and scald it out thoroughly at least once a day.

It should be borne in mind by every dairyman that we cannot live down a bad reputation that it has required years in building, in a short time, and if American butter is now in ill repute in our best markets there should be unanimity of action on the part of every man from this time forth to change that reputation. We have the feeds in the corn belt; we have the dairy cows, and we believe that we have the necessary apparatus and creamery talent to make the best product in the world. We simply need to be less careless, because the passing of milk through a filthy separator bowl is downright carelessness. We hope that all our readers who are at all interested in dairying will take the time to carefully peruse what Professor McKay has to say.

Those Valuable Strippings.

To the Editor of The Homestead:

The amount of milk that some milkers leave in the udder as strippings would almost pay the cost of the milking. Even the ordinary milker who thinks himself quite careful leaves a considerable amount of the richest part of the milk undrawn.

The remedy is more complete milking. You may suspect now that we are about to recommend the plan of working the udder or manipulating it as some designate the process that scientists advocate. And while these careful students of

milk may often be a bit theoretical, they are commencing at the right end for improvement. It is a splendid idea to give the cows plenty of feed of the right kind, but the feed is wasted if only a part of the milk is secured.

Some form of working the udder is practical. It must be simple and quickly done. As soon as the udder has been reduced to where the milk can be drawn only by stripping the teats, grasp a quarter in one hand and gently squeeze the milk that remains, toward the teat, which is held in the other hand and compressed whenever it fills. Repeat this on each quarter and when done once, make another round if milk still comes. This insures a thorough piece of work. Not over half a minute, or a full one, is required at most. And the amount of milk, or rather cream, it should be called, for stripping commonly tests 10 per cent, will be a surprise. We are not guessing when we say that the cream pitcher could be filled twice a day on this rich after-milk in many a stable. Just figure it as dollars and cents. It is not a hard matter to draw half a cup of milk from a cow after most milkers. This amount twice a day makes a pound of milk which tests 10 per cent. On twelve cows the amount would be as many pounds, or over a pound of butter. Twenty cents is good pay for a half-hour's work spent in manipulating the udders. Besides this, the period of lactation is extended by the stimulation. True, the little savings seem trivial. There are many leaks in the dairy barn. This is one, and one that may be easily prevented. L. E. T.

Responsibility of Dairy Producers.

To the Editor of The Homestead:

When we look over the list of the world's surplus products we find that farmers are nearly all doing the same thing. They are putting their surplus products in the same granaries of the world, and those granaries, or markets, are setting the prices for all. Prices in London, Denmark, Australia and New York are practically the same, less the difference in freight and quality, unless some shortage occurs. Cheap transportation has brought all civilized countries into close competition, particularly is this true in dairying. Butter being a condensed product, it can be transported to the leading markets of the world at very little cost.

It is a deplorable fact that the American butter has been rapidly declining in quality during the last five or six years, or since the date of the introduction of the little farm separator. Today it has practically the poorest reputation of any butter that enters the foreign market. Instead of this, it should stand at the top of the list. This deterioration has become so pronounced that some of the state associations have passed resolutions asking for an amendment of the dairy laws, so that it would be a misdemeanor for anyone to skim milk with an unwashed separator and offer the cream for sale; also for anyone to keep a separator near a pig pen or other sources of contamination that would injure the quality of the milk or cream.

It is a sad fact, yet nevertheless true, that those patrons who get the least returns from their cows are the very ones that cause the most trouble to the creamery man. They are the patrons who do not read dairy literature, or if they read, they do not profit by its teachings. The fact that they are careless with their cows is convincing proof that they would not realize the importance of properly caring for the milk or cream, unless it were brought forcibly to their attention.

No one who has studied agricultural problems will contend that the little farm separator should be done away with. The intelligent farmer realizes the importance of having warm skim milk to feed his young stock.

Now, I believe it is as possible to make good butter under the hand separator system as under the whole milk system, providing the separators are washed and scalded every time they are used, and I would like to have placed over every separator in large letters, "wash and scald." Each lot of cream should be cooled before adding it to the previous lot. It should be unnecessary for me to say that cream should be kept in clean vessels. It would only be a small piece of work to take the parts of the hand separator, that come in direct contact with milk and cream, to the house and there thoroughly wash and scald them. If these precautions

MILK CANS ROB YOU

Look through a microscope at milk set to cream in pans or cans and you'll see how they rob you. You'll see the caseine—the cheese part—forming a spider web all through the milk. You'll see this web growing thicker and thicker until it forms solid curd. How can you expect all the cream to rise through that? It can't. This



caseine web catches a third to half the cream. You stand that loss just as long as you use pans or cans for they haven't enough skimming force to take out all the cream. But, just the minute you commence using Sharples Dairy Tubular Cream Separator, you stop that loss.

Sharples Dairy Tubular Cream Separators have 10,000 times more skimming force than pans or cans, and twice as much as any other separator. They get all the cream—get it quick—get it free from dirt and in the best condition for making Gilt Edge Butter. Caseine don't bother the Tubular. The Tubular is positively certain to greatly increase your dairy profits, so write at once for catalog I-121 and our valuable free book, "Business Dairying."

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Just because someone tells you that some other Separator is as good as the "IOWA" is no reason why you should believe it. Letting other people do your thinking is too expensive. You cannot afford such luxuries. Investigate for yourself. Use your brains for your own benefit—they were given you for that purpose. If you do this you will discover that there is just one machine which takes out all the cream, and that is the "IOWA." The dairyman is fully entitled to all the profit there is, even to the last cent. He gets it only by using an

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THE CREAM SEPARATOR THAT SUITS ALL.

The Dairy Queen is as near perfection as can be reached in cream separators. It fills every requirement, its low and large supply can, its simple and easy bowl to clean, its light running and close skimming is just what you have been wanting. It never gets out of order, it's always ready to skim, and leaves the cream in perfect condition.

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The Dairy Queen is sold on guarantee and free trial. We have all confidence and know it is right or we could not offer them this way. We only want a chance to prove this to you, that the Dairy Queen is the most convenient, easiest to operate and most durable separator on the market. Ask your dealer about it or send for free catalog.

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are taken, cream can be delivered twice a week during the winter, and three times a week during the summer and be in a sweet condition. When a maker receives such cream he can pasteurize it and by the use of a good starter have it entirely under his control. Old cream, especially when it has been kept at a high temperature, frequently comes to the factory contaminated with molds and yeasts which render it unfit for the making of first class butter. The mold and yeast flavors are quite characteristic of gathered cream butter. Particularly is this true where the cream is produced under the gravity method. This is one of the reasons why an expert butter judge can invariably detect, or classify, butter made from gathered cream. It has been thought by many that this peculiar flavor was the product of bacteria. Investigations conducted at Ames, indicate that molds and yeasts are mainly responsible for this stale, old flavor so commonly found in gathered cream butter. Pasteurization does not seem to remove, or eliminate, flavors of this kind. An ounce of prevention is better than a pound of curing remedies; therefore, low temperatures, frequent delivery, and sanitary methods in handling cream will prevent the flavors referred to.

The flavor of butter is largely a product of fermentation and the kind of flavor that develops will depend on the sanitary methods observed in caring for milk and cream.

The kind of germs that produce good flavors, thrive and grow under sanitary conditions, while those that cause undesirable flavors, thrive best under filthy conditions, and are known as the putrefactive species and cause ordinary decay.

Low temperatures are unfavorable for the development of bacteria of any kind. Consequently, we cool milk and cream to keep them sweet. Frequently, the flavor of farm butter is injured by the cream being kept near foods or vegetables having undesirable odors. These flavors can readily be detected by butter judges and are classified as food flavors. G. L. McKay.

Iowa Experiment Station.

THE YOUTH'S COMPANION CALENDAR FOR 1907.

The new Youth's Companion Calendar for 1907 is both useful and ornamental. The calendar proper is bold, clear type, and is given plenty of space. On its decorative side it is exceptionally beautiful. Each of the four panels presents a masterly reproduction of an original painting. On the first leaf will appear, "A Venetian Scene," by Thomas Moran; on the second, "A Group of Children," by Maud Humphrey; on the third, "A Study in Bird Life," by Giacomelli; on the fourth, "The Blacksmith Shop," by F. Luis Mora. Each is worth separate framing, and for this purpose the panels are loosely tied together, so that each may be exposed in turn, yet all preserved. The panels are twelve inches high by seven and three-quarters inches wide. The calendar is copy-righted and published by the Youth's Companion exclusively for those who send \$1.75 for The Companion for 1907.

THE NE PLUS ULTRA OF ALL PREPARATIONS.

Montezuma, N. Y., Nov. 23, 1905.
B. J. Kendall Co. Gentlemen:—I am a druggist and have sold Kendall's Spavin Cure for thirty years. It leads all competition. You have the ne plus ultra of all preparations. Yours,
Horatio Mack, Druggist.

HAVANA, CUBA.

On December 18th to 20th the Chicago Great Western Railway will sell round-trip tickets to Havana at one fare for the round trip, with limit to return of January 9th. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

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The simple cream separator which doubles profits and cuts dairywork in two. Absolutely the simplest, easiest running, easiest cleaned separator in the world. Just belch to a man. Its three-piece bowl gets the last drop of cream. Investigate our liberal selling plan. Send your name and address to us on a postal card and get our money saving catalogue No. 118 by return mail.

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Des Moines Capital

FOR THE YEAR 1907.

This is the Capital's Ninth Annual Bargain Day Offer (Good this Year from December 21st to 28th inclusive).

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TO secure the above offer, simply make your remittance on any day during the week of December 21st to 28th inclusive, the anniversary of Iowa's admission to the Union as a State. Money may be sent by check, draft or postal money order. The Capital is Iowa's greatest daily newspaper. Sample copies will be sent upon application. We urge our readers to take advantage of this wonderful newspaper offer. Address,

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**ARE YOU NOW
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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

TRESPASS OF CATTLE.

A Subscriber, Iowa City, Iowa.—(1) A's bull broke out of the field into the road and got among B's cows. Is A liable for damages? (2) A's bull was in A's pasture and was not tied, and B's cow broke into the pasture and got with calf by the bull. Is A liable for damages?

Answer.—(1) A is liable for damages because his bull, being upon the public highway, was at large, and that is made unlawful by statute in Iowa. (2) In this case A is not liable for damages. He is not required by law to keep his bull tied. B's cow was trespassing upon A's premises, and if she was injured in any way, B must bear the loss.

LOOKING FOR TROUBLE.

A Subscriber, Monticello, Iowa.—A rented a farm from B for cash rent, and put in a crop of corn on it. A and B lived together on the place. In June they had some trouble and A sold the crop to C for cash, paid the rent to B and moved from the place. (1) Can B prevent C from cutting the corn and hauling it from the place? (2) Can B prevent C from pasturing the stalks after the corn is gathered? (3) C desires to pull the ears of corn from the stalk without removing the husk from the ears. Can B compel him to husk the corn?

Answer.—(1) He cannot. C has just the same right to the crop that A had. (2) When A rented the farm for cash rent, there must have been some understanding between A and B as to the length of time that A was to use the land. Now whatever time that was, belongs by purchase to C, and he has the same right to use the land during such time, as A had. B has no rights against C which he did not have against A. The tenor of these questions indicates that B does not want to act justly with C. B has received his cash rent, and now he apparently wants the crop also, or

some of it, or at least wants to meddle with C's rights. (3) It is none of B's business how C gathers his own corn. He cannot compel C to husk the corn.

PUBLIC LANDS IN WASHINGTON.

Mr. J. M. Armagost, Osceola, Iowa.—(1) Are there any public lands open to homesteads in Washington? (2) If so, under what law can they be entered, and to whom can I write to get information on the subject?

Answer.—(2) There are two or three millions of acres of public lands in Washington subject to homestead entry. (2) The general homestead laws of the United States. There are seven United States land offices in Washington, viz., at North Yakima, Olympia, Seattle, Spokane, Vancouver, Walla Walla and Waterville. You might write to the register of the United States land office at any of these places for information.

EXEMPT PROPERTY—WISCONSIN.

A Subscriber, Grand Rapids, Wis.—I own a house and lot in a city, which I rent to a tenant. Can I hold his household furniture for the rent?

Answer.—By the laws of Wisconsin a debtor can claim exempt from execution, among other things, the following articles, viz.: Beds, bedsteads and bedding necessary for his family; all stoves and appendages and cooking utensils, and other household furniture and goods to the value of \$200. You cannot hold any of these things for the rent which your tenant owes you.

MARITAL TROUBLES.

A Kansas Subscriber.—This correspondent writes a pathetic letter about a wife whose husband owns a good farm of 160 acres and has ample means otherwise, but neglects his wife and children and subjects them to petty annoyances and little meannesses and deprives them of advantages which they ought to enjoy, and behaves in a disgraceful and disrespectful way towards them, generally using coarse and profane language in their presence. The wife wants to know if there is any law in Iowa by which she can obtain her share of the property without getting a divorce.

Answer.—The facts stated in the letter do not constitute grounds sufficient to obtain a divorce in Iowa, neither would they make a cause of action for an order or judgment affording the wife a separate maintenance—certainly she could not compel a division of her husband's property, in her favor, upon such a state of facts. If the parties live in Kansas, and the property is there, an

Iowa court would have no jurisdiction whatever. The letter does not state where the parties live, nor where the property is located. It is very indefinite and unsatisfactory.

OMITTED FROM THE LAW.

Subscribers' Wives, Wiota, Iowa.—A young woman school teacher had an illegitimate child this fall. She was a good teacher. She expects to teach school again just as soon as she is able to do so. She says if she cannot get a certificate where she is known, she will get one where she is not known. Under the circumstances we do not think she is morally qualified to teach our children. Please give us the law on the subject.

Answer.—There is no specific law on the subject. We suppose the law-makers of Iowa never dreamed that such a thing could happen. If the young woman obtains a certificate, and the school board of any district chooses to employ her to teach school, there is no law to prevent it. She evidently has one essential quality for most country district schools—plenty of nerve.

DRAINAGE LAW OF 1904.

A Subscriber, Hedrick, Iowa.—A and B own adjoining farms. A draw or swale starts in A's land and runs down through B's land to a natural watercourse. B has tile drained his land with tile large enough to carry off A's water, and A has offered to pay B a reasonable compensation for using so much larger tile, if B will allow him to turn his drainage water into it, but B refuses. A has an outlet under his circumstances. Has A a right to turn his drainage water on B's land?

Answer.—The drainage law passed in 1904 and now in force, seems to apply perfectly to this case. It is as follows: "Owners of land may drain the same in the general course of natural drainage, by constructing open or covered drains discharging the same into any natural water course, or into any natural depression whereby the water will be carried into some natural water course, and when such drainage is wholly upon the owner's land, he shall not be liable in damages therefor, to any person, persons or corporation."

DENTIST MUST HAVE LICENSE.

A Subscriber, Spring Creek, Mo.—(1) Has a dentist the right to extract and make teeth before he is able to get a diploma? (2) If not, what is the penalty?

Answer.—(1) The law in Missouri provides that it is unlawful for any person to practice dentistry or dental sur-

gery in any of its departments, without obtaining a certificate or license from the state board of dental examiners. This board is appointed by the governor, and will give a certificate or license to any person of good moral character, who holds a diploma from any reputable dental college, without an examination. If a person applies for license, and holds no diploma, he must pass an examination by the board. When a license is issued, the applicant is registered by the board, and must have his license recorded by the clerk of the county court in the county where he practices. (2) The penalty for practicing without a license, is a fine not less than \$50, nor more than \$200, or imprisonment in the county jail not less than twenty nor more than sixty days, or both such fine and imprisonment.

DAMAGE BY CATTLE.

A Subscriber, Earlham, Iowa.—A and B owned adjoining farms. A sold his farm to C, possession to be given in March. Then A sold the crop on the farm to D and moved away from the place. B then turned his cattle in his own field which adjoined the place C bought, knowing that the partition fence which A had kept up was not a lawful fence. (1) Had B a right to do this? (2) Who is liable for the damage done by B's cattle to D's crop?

Answer.—(1) B had a right to turn his cattle into his own field, if his part of the partition fence was a lawful fence. (2) If the cattle broke into D's crop through B's part of the partition fence, then B is liable for damages, but if they broke through the other part of the fence, it not being a lawful fence, then D must bear the loss occasioned by the trespass of B's cattle, because A sold to D the crop as it stood, with no promise or agreement to repair fences, so he is not liable to D for what happened to the crop after the sale, and B is not liable because the cattle did not break through his part of the fence, and he is not responsible for the other fellow's fence.

Beware of Imitators.

The Combination Oil Cure for Cancer and Tumor has its imitators. The Original Oil Cure may be had of the Originator—Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind. Free books upon request.

The Homestead and The Homemaker \$1.25 per year.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

TUMOR.

I have a four year old bay mare that foaled a mule colt last July and just about that time I noticed that there was something wrong with her left eye. The upper lid seemed drawn down and it has been getting worse ever since until now it is a great, hard lump on her lid over an inch long, extending downward and almost covering her eye. It does not seem to hurt her and she is all right otherwise. Have not done anything for it.

A tumor or cyst has formed, and an operation will be the only recourse. Have it attended to by a qualified surgeon.

RICKETY SOWS.

I have bought four sows, intending them for brood sows. I noticed two days after I bought them that one was stiff in the hind legs and walked hump-backed. Now one more is sick and walks stiff. Its stools are not digested, there being whole kernels of corn and oats passed, and they are sort of light colored. They do not seem to be sick. They seem to tremble in the hind legs and stomach. Have been feeding them on oil meal, oats, corn and milk ever since we had them. They are fine looking hogs, large and in good flesh.

The sows are weak in bone, muscle and constitution, partly as an inheritance from their parents and intensified by overfeeding on corn and too little exercise on grass. Each sow should have four ounces of epsom salts in slop and after that be made to live an outdoor life on the lightest of rations and with-

cut corn. Mix lime water freely in food and drink several times a week.

HEAVES.

I have a ten-year-old mare that has the heaves and is run down in flesh. She seems to eat quite heartily and is in heat about half the time. Please advise remedy.

The disease is incurable and mare, being unsound, should not be used for breeding purposes. She apparently has disease of womb or ovaries, and in that case would not conceive if bred. Distress may be somewhat relieved by giving half an ounce of Fowler's solution of arsenic night and morning, feeding oats and straw instead of hay, wetting all food with lime water and never working her soon after a meal.

LAMENESS.

I have a three-year-old mare that became lame in the left shoulder last June. I think she is lame in the point of the shoulder, for it is slightly enlarged on the front side, a little below where the collar comes. After she had been lame about a month I put a rowel in both the side and point of the shoulder, and she got all right, seemingly; but I have noticed lately that she is a little lame again. She became lame in the pasture, so I don't know how it was done. What can I do for her?

We are unable to say where the lameness is located, but if you are sure it is the shoulder, then it would be well to remove the hair and blister thoroughly with cerate of cantharides.

CAPPED KNEE.

I have a mare mule two years old which has a large knot or swelling on her left knee, about the size of a goose egg or larger. This enlargement is soft, but not sore, and does not hinder her in her movements. It has been there about three months and seems to increase in size. The mule has worn a yoke all spring and summer, which was inclined to hit her on the knees occasionally. I should like to know a remedy that would bring the knee down to its natural size.

Remove cause of bruising and after removing hair from knee rub in some iodine ointment daily until skin tends to become sore, at which stage stop treatment for a few days and simply apply a little lard until skin is again sound, when use of ointment can be continued if necessary.

WARTS.

I have a calf about ten months old that has warts all over its head and neck and a few on its body. Some of the warts on its neck are very large, hanging down in big bunches. These warts bleed when the calf scratches itself. It had the very best of care all last winter and is in good condition, but the warts are getting worse. What can I do for it?

The large warts may be removed by ligating their necks tightly with a fine string, but it is best to cut them off and lightly touch the bleeding bases with a red hot iron. Masses of small warts about the head and neck may be removed by rubbing with castor oil once daily. A mixture of one tablespoonful of common soda to a cupful of lard is said to be effective as a remover of warts. We have not tried it, but would like to hear how it "works."

URINARY DIFFICULTY.

I have a spring calf that is urinating more or less all the time. The hide where it urinates is wet all the time and is dropped down two or three inches. This morning it drew itself all up and seemed to be straining to draw water. Its water is clear. Sometimes there is something passes off with the water which looks like pus. It is in small lumps, light colored, and about half the size of a small pea. It has been in this condition for six weeks and is not weaned yet. It eats oats and corn. Has fallen off considerably in flesh. It is running on grass. If you can tell me what to do for it you will oblige a subscriber.

You do not state sex of calf, but we presume it is a male and in that case there may be a collection of sebaceous material in the sheath. Make an examination and if there is matter or a collection of gritty material, remove it by syringing and manipulation, or if absolutely necessary make an incision with a sharp knife. Give the calf a couple of drams of saw palmetto compound twice daily after a preliminary four-ounce dose of castor oil administered in milk.

DRY HOOFS.

I have been a reader of your paper for some time and am much pleased with it. I now have a case in which I should be very much pleased with your aid. I have a three-year-old gray mare that is lame and has clumsy use of her legs—mostly in front legs. Her hoofs do not grow. I had her shod a month ago but this did not help her any. Her hoofs are hard and dry; the frog is as hard as the hoof and is now commencing to crack. Have used her on road some. She is high lifted and runs down in flesh very easily; has been troubled with pimples breaking out over her body all summer. She has wind puffs which appear at times and disappear again. What can I do to prevent them? What can I do to fix her hoofs out all right?

Get her off board floor. Soak feet in cold water for an hour twice daily; continue for two weeks. At end of that time clip hair from hoofheads and blister with cerate of cantharides; repeat in a month. It should have been said that each time feet are taken from water,

grease should be smeared on hoofs to prevent drying out. She has indigestion, possibly associated with cutting of teeth. Lessen grain ration and increase exercise. Give her a few ears of old, hard corn to chew on daily, as they will help the tooth-cutting process. Allow free access to rock salt. Carrots fed carefully will benefit the skin.

HEAVES.

I have a mare twelve years old that has had the heaves since the first of June. Any information in regard to treatment will be appreciated.

The disease is incurable, but the distress may be relieved by giving half an ounce of Fowler's solution of arsenic night and morning, wetting all food with lime water, allowing double the usual rest time after meals, feeding oat straw in preference to hay, and grass as the only fodder in summer. The disease is caused by continued distention of digestive organs with coarse food and working animal while so distended. The tendency to the disease is hereditary so that affected animals should not be used for breeding purposes.

INDIGESTION.

I have a sorrel mare, four years old, that since last winter has had a habit of putting down her head and gulping up the gases which should rightly be expelled through the rectum. It seems she cannot always expel them except through the mouth. Sometimes she does not do this and then she becomes bloated and is sick, but recovers in a few hours. She is with foal at present. I wash her almost every day and feed her about five quarts of oats containing a little ground barley to half a bushel cut feed consisting of oats, straw and hay, three times a day; also hay, good timothy. Please tell me through the columns of your paper what the trouble is, the cause of it and the remedy.

See that she is worked or well exercised every day and that she has a roomy box stall in stable. Stop feeding barley and cutfeed and substitute oats and hay with a bran mash twice a week; but for a time she would be better without grain. Medicine should not be given, as she is in foal.

CARPITIS.

I have a black colt seven months old that got out on barbed wire about six or seven weeks ago. It was a small cut, on the inside of front leg two or three inches above knee. The colt was in pasture when I found the knee was quite badly swollen. Pus and a jelly-like substance came from the cut. I syringed out the wound twice daily with soap suds and a little carbolic acid and injected a little turpentine and corrosive sublimate several times. The wound healed, but the knee keeps badly swollen and is hard on outside of leg near back of joint. I also used caustic balsam, which did no good. For about a week I have kept cow manure poultices on the knee. Have tried to find pus by inserting a small trocar and attaching a hypodermic syringe. Could get nothing but a little blood. Sometimes I think the knee feels a little softer at lower part. Please advise me what to do.

The cutting and probing should not have been done and have aggravated the case, and that abomination—the cowdung poultice—should be left on the dung hill. Poultice with antiphlogistine for a week; then remove hair and blister thoroughly with cerate of cantharides, if enlargement persists.

LAMENESS.

Can you tell me what to do for my bay mare, six years old? About three weeks ago I pulled the shoes off front feet and drove her six miles and back the next day. She could hardly go. Her feet seemed to be sore. I got her shod again the third day after pulling shoes off and now when I take her out of the barn she walks as if she were stiff for a short time and then she goes all right. When she stands in barn and moves her legs there seems to be a cracking noise in her knees and hock joints. Can you tell me what that cracking is and what to do for it, as I have a four-year-old gray gelding that is beginning to get that way? Feed corn and good hay. Have dirt floor.

Cracking noise described often indicates rheumatism and this may be present if stable is damp and badly ventilated. Stable should be light, sunny, dry and clean. Give her two drams of salicylate of soda three times daily. Stop feeding corn and substitute bran mash, carrots and hay. If she flinches when you strike soles of feet with a hammer lightly just in front of points of frogs she is foundered, and after removing hair from coronets (hoof heads) cerate of cantharides should be rubbed in as a blister twice a month until she goes sound.

CORN STALK DISEASE.

We have for several years had sickness among our cattle after they run in the stalk field. Sometimes they get sick and stiff in their legs and cannot use their legs well. Some of them cannot get up any more and die after a few days. Some farmers think the gray corn causes the sickness if it is left in the field; others think the sickness comes from the corn stalks. Can you tell me what causes the it and how it can be prevented? What is the best remedy in the first stage of sickness?

As often explained here, the cause is in the stalks, which some seasons and in some fields are affected by a fungus (some say a germ) which causes stag-

The Iowa Gate

-FOR THE FARM-



By sliding this ring back the largest hogs may pass under

AND have the run of two lots. Or raise your gate to drive hogs in or out, then your larger stock cannot get out while you are busy. The IOWA gate works fine this way. Raising the Gate by the sliding ring is simple enough but very handy when your gate swings on uneven ground or when the outer end drags. Rolled Steel Tubing is used in the frame instead of iron or gas pipe. This makes a frame that will not bend and is guaranteed to stand any farm use.

IOWA gates will raise up for winter use—are not bothered by wind, rot, or fire. Are light and easy for women to handle but strong enough for any stock.

Cheaper Than Wooden Gates and will outlast a dozen. Write today for our circular.

IOWA GATE CO. Ninth Street
CEDAR FALLS, IOWA.

gers, delirium, paralysis and death. In some instances there is merely fatal impaction of the third stomach, or even of the paunch, together with brain trouble, due to the disturbance of the digestive organs. On general principles the cows should be kept out of corn stalk fields. The disease does not occur from feeding corn fodder, so that corn should be shocked and cut. Castor oil is the best remedy, if given in time. The dose should be from one to two pounds in milk. Follow with large drinks of warm flaxseed tea, in which mix stimulants and fluid extract of nuxvomica. See answer under head of "Staggers."

LAMENESS.

Will you kindly tell me what to do for a three-year-old sorrel gelding that is lame in his left hind leg? I broke him last spring and after corn plowing turned him out on pasture. He was all right up to this time, but went lame while in the pasture. After he had been lame for some time I noticed a small bunch on the inside of the left hind leg about half way between his ankle and hock joint. I did not do anything for him and the lameness disappeared after a while, but the bunch remained. About a month ago he began to go lame again and the bunch is getting larger. At the present time he is very lame and when standing in the stable rests only a little on this foot. A few days ago I tied a blister on the bunch, but do not know whether this is the right treatment or not. What treatment would you prescribe for this lameness? Do you think he can be cured?

The bone may have been injured from a kick and, in such case, the enlargement often opens, and fractured bone shell may be removed, after which the wound heals promptly. Under the circumstances we think you were right in blistering the part and would advise you to repeat the blister, but we are unable to say whether you have hit upon the true cause of lameness, and so cannot tell how long the trouble will persist. Better have the horse examined by an expert.

DISFIGURED WITH ECZEMA.

Brushed Scales from Face Like Powder—Under Physicians Grew Worse—Cuticura Works Wonders.

"I suffered with eczema six months. I had tried three doctors, but did not get any better. It was on my body and on my feet so thick that I could hardly put a pin on me without touching eczema. My face was covered, my eyebrows came out, and then it got in my eye. I then went to another doctor. He asked me what I was taking for it, and I told him Cuticura. He said that was a very good thing, but that he thought that my face would be marked for life. But Cuticura did its work, and my face is now just as clear as it ever was. I told all my friends about my remarkable cure. I feel so thankful I want everybody far and wide to know what Cuticura can do. It is a sure cure for eczema. Mrs. Emma V. Vite, 641 Cherrier Place, Camden, N. J., April 25, 1905."

Record number 67080: Case of poll evil of seven years' duration; pipes and diseased tissue been dissected out three different times; owner cured the horse with one bottle of Fleming's Fistula and Poll Evil Cure, and claims that the animal is now worth \$150. Write Fleming Bros., 210 Union Stock Yards, Chicago, for free copy of Fleming's Vest Pocket Veterinary Adviser.

Ring-Bone

There is no case so old or bad that we will not guarantee

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to remove the lameness and make the horse sound. Money refunded if it ever fails. Easy to use and one to three 45-minute applications cure. Works just as well on Sidebone and Bone Spavin. Before ordering or buying any kind of a remedy for any kind of a blemish, write for a free copy of

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Veterinary Adviser

Ninety-six pages of veterinary information, with special attention to the treatment of blemishes. Durable bound, indexed and illustrated. Make a right beginning by sending for this book.

FLEMING BROS., Chemists,
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THICK, SWOLLEN GLANDS.

that make a horse Wheeze, have Thick Wind, or Choke-down, can be removed with

ABSORBINE

or any Bunch or Swelling caused by strain or inflammation. No blister, no hair gone, and horse kept at work. \$2.00 per bottle, delivered. Book \$3.00 free.

ABSORBINE, J.R., for mankind, \$1.00, delivered. Cures Gout, Tumors, Varicose Veins, Hydrocele, Varicocele. Book free. Made only by W. P. Young, P. D. P., 40 Monmouth St., Springfield, Mass.

FISTULA, POLL EVIL,

and all blemishes on horses cured with

Hamer's Sure Cure.

Removes Lumps of all kinds on either cattle or horses. Cures Ringbone, Spavin, Sweeney, Thoroughpin, Wire Cuts, Carb, Warts, Splints, Collar Bolls, Saddle Sores, Sprains or Swellings, Distemper and Lump Jaw.

Guarantee—No Cure No Pay.

Sold by dealers. By mail or express \$1.00.

HAMER'S SURE CURE CO., VERMONT, ILLINOIS.

Your Wife or Daughter Can drive your most fractious horse if he wears a Beery Bit. Horse is under perfect control at all times. Can be used on gentlest colt or runaway kickers with equal satisfaction. 10 days free trial. Prof. J. A. Beery, Pleasant Hill, O.

DEATH TO HEAVES Guaranteed. NEWTON'S Heave, Cough, Distemper and Indigestion Cure. A veterinary specific for wind, throat and stomach troubles. Strong recommendations. \$1.00 per can, of dealers, or Exp. prepaid. The Newton Remedy Co., Toledo, Ohio.

A. S. ALEXANDER, V. S.

MADISON, WIS.,
Veterinary Editor The Homestead.
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

Echoes From a Kansas Farm

By Henry Hatch

Several want to know what has become of that "successful machine husker," the machine that will husk corn from the standing stalk. It seems to be hiding somewhere, until corn husking is over.

A good many here have fallen into the practice of putting their corn on the ground or in open cribs, then shelling about the holidays and putting in bins. Room is saved in this way. Where one aims to sell, this way is all right, but for feeding to hogs on the farm, we would rather have it left on the ear.

This seems to be growing into a hard pine world. About everything sold nowadays has hard pine about it somewhere, where once something more durable was used. It is said that some of the cheaper grades of buggies handled by a dealer not out of the state of Kansas has every other spoke made of hard pine. We are not prepared to say that this is wholly true, but we would not be surprised if it was. A few years ago we bought

DON'T BUY GASOLINE ENGINES

alcohol engine, superior to any one-cylinder engine; revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mfrs., Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.

some slat cribbing, the kind that comes in rolls, and every slat was of oak. Some bought the other day was nothing but hard pine.

It doesn't take a man long to find out why some renters are renters. Just look around the farm they are on a few minutes—that tells the whole story. Of course we refer to the man who has been renting for years, not the man who is just starting in. Nine cases in ten it is neglect, pure and simple, of the many small things that, combined, make a big showing at the end of the year.

Rubber boots have come back into use again, after a rest of several weeks. The writer of this lived for fourteen years on a sandy farm. In all that time we saw not to exceed five pairs of rubber boots. They were not needed. Here hardly a month passes when they are not absolutely necessary. In some ways a sandy soil is an advantage, and in others a great disadvantage.

Since it has become generally known that farm machinery will be from \$2 to \$8 higher in the spring, on each of the ordinary spring-needed tools, we have heard several farmers say they simply will not buy what they had expected to. They look upon the increase in price as an imposition. There are a lot of old tools that can still be made to do good work, and some almost new ones it would pay to lay aside.

The old canner and the thin heifer sell for so little money now that when a person gets rid of them he does not know, from the size of the bank account, whether he has sold some cattle or just a case of eggs. The hides are worth more than all the meat they are stretched over. The business of butchering this poor stuff, and peddling it out among the neighbors, is being overdone. The farmers are getting so they want a little something that is good to eat, as well as the merchants, bankers and lawyers in town.

Last week the snow was five inches deep. This week it is mud of that thickness that covers "the landscape o'er." We fancy if there was such a thing as a corn husking machine, it would stay at the end of the field as long as this mud lasts.

This is the weather that is hard on corn piled on the ground or in open

cribs. There is lots of it in this shape, too. It will be almost impossible to shell it for some time. Corn from the ground shells much harder than from a crib, anyway. It will take a good sheller to get all from the cobs, until drying weather comes again.

Nothing but hard pine is now used in the tongues of all ordinary farm machines. A neighbor bought a \$125 manure spreader, and found the tongue to be of hard pine, when it broke, a few weeks after coming from the dealer. It kept under cover, straight, solid, hard pine will last a long time, but where it is left outside, where most western farmers still leave their machinery, it soon goes. It will season-crack, water runs in the crack, then the end of that tongue's usefulness is soon reached.

Mild Home Treatment for Cancer—Time Tried and Successful is the Record of Cancerol.

Anyone who really wants to know if he can be cured can readily determine this by a little investigation. A valuable book, full of interesting information and containing records of unmistakable cures of cancer in most every situation on the body, sent free to those interested. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

GOOD TEXAS LAND.

Over a year ago the United States & Mexican Trust Co. purchased 25,600 acres of land in one body in Howard and Borden counties, Texas. These lands were selected by the company and are considered the finest body of unimproved farm lands in the Southwest. Those who are familiar with the purchase and know these lands will be glad to know that they are to be subdivided and sold off in small tracts. We are informed that every acre of this land will produce from three-fourths to one bale of cotton to the acre. The land is also good for wheat, oats, corn, kafir corn, milo maize, garden truck, etc. Fine water can be had anywhere at a depth of from ten to thirty feet. This one item alone is worth many dollars to the homeseeker. We call attention to the trust company's advertisement on page 19.

AN ORGAN FOR EVERY HOME.

Those contemplating the purchase of an organ, piano or sewing machine will find it no easy task to make a satisfactory selection. Among the many firms and dealers that handle this kind of goods there are always a few who offer a superior quality for the money. By the adoption of careful business methods and the latest ideas in the manufacture of these household adornments and even necessities, the Century Manufacturing Company, of East St. Louis, Ill., have developed a large trade. Their plan of selling is recognized as one of the most satisfactory and economical. Selling direct from the factory as they do eliminates an enormous expense in the line of illegitimate profits and slow returns. They offer all the advantages of this system to you in low prices and high quality. Every-

SOUTHERN IOWA NORMAL SCHOOL BLOOMFIELD, IOWA.



The Leading School of Southern Iowa. Students' Railroad Fare Paid as per Schedule. Students Enter any Time.

We teach Normal and Teachers, Scientific, Literary, Preparatory, Business, Shorthand, Typewriting, Pen Art, Music and Elocution Courses. The best Specialists are employed as Teachers. Positions secured for Qualified Students. \$39.50 pays for one quarter, twelve weeks. Bulletin free. Address

H. C. BROWN, President. BLOOMFIELD, IOWA

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 285 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

CLOVER

NEW CROP IOWA GROWN RECLEANED AND TESTED
Medium, Red Mammoth and Alsike Clover, also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large illustrated catalogs of all kinds of farm and garden seeds. Mention this paper.

IOWA SEED CO., Des Moines, Iowa

WANTED—MEN TO LEARN BARBER Trade. Few weeks completes. Many advantages only obtainable here. Positions waiting our diploma holders. Shops furnished new on easy payments. Wages Saturdays, tools given. Write nearest branch. Moler System of Barber Colleges, Chicago, Ill., Kansas City, Mo., or Omaha, Neb.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

FOR SALE.

30 IOWA AUTOMATIC gates, 15 1-2 feet wide, \$4.75 each, barb wire top, woven wire bottom. We also make Musgrave Wire Stretcher and Farm Scales.

MUSGRAVE FENCE CO., Des Moines, Iowa

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. run lambs. Wish to make room for new importation.

D. M. NORTON, Sanborn, Iowa.

20 REGISTERED Shropshire ewes, \$20 to \$35 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

Registered Shropshire Rams and Ewes OF the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

Telegraphy Taught thoroughly. Typewriting free. Write for catalog. Wichita Tel. College, 201 S. Main St.

thing they send out is fully warranted for a number of years. They sell on easy payments and give the purchaser a free trial



before buying. Write them for catalog, mentioning The Homestead. It will pay to investigate this proposition.

VERY LOW RATES TO NATIONAL WOOL GROWERS' ASSOCIATION, SALT LAKE CITY, UTAH.

Via the North-Western Line. Excursion tickets will be sold January 14th, 15th and 16th, with favorable return limits. Apply to agents Chicago & North-Western R'y.

Wouldn't You Like

to have us show you the wonderful opportunities existing in the South, and how you could improve your present condition?

THE "Seaboard Magazine"

Devoted to the agricultural and industrial development of the South, will point out the many advantages of a location in our mild climate, where life would be a greater pleasure as well as profit by reason of being able to carry on work throughout the entire year. Why battle against the elements? If you want a stock or grain farm, a fruit farm, truck farm, where lands are fertile and productive, in fact, anything, and want it in Virginia, the Carolinas, Georgia, Alabama or Florida, the magazine will assist you. Sent FREE on request, together with other handsomely illustrated literature descriptive of the South and its wonderful resources and progress.

Special low round-trip rates for homeseekers, prospectors and investors.

J. W. WHITE, General Industrial Agent, Portsmouth, Va.

Seaboard Air Line Railway, Dept. "S."



ONWARD 18TH 151572

Sixteen of the females in Mr. E. R. Morgan's Hereford Sale at Blue Rapids, Kan., on December 19th, are bred to the above bull. See advertisement on page 36.

LANDS AND HOMES FOR SALE

25,600 Acres TEXAS LAND

WE will sell as a whole, or in part from one section up, the forty sections of land controlled by us located in that portion of Texas being brought into prominence by the building of new railways. This land is not in the Panhandle, nor on the coast. If you are interested in getting the best, where every acre is a perfect one; where fine wholesome water can be obtained at from 10 to 30 feet, then write at once for full description, prices, terms, plats and state map of Texas free.

UNITED STATES & MEXICAN TRUST COMPANY,
Land Department,
101 Bryant Bldg. KANSAS CITY, MO.

OWN A FARM.

BUY it direct from the owners, the Duluth & Iron Range R. R. Co., and save speculators' profits. Titles perfect. Prices to suit all corners. Make small payment down and balance in 10 to 15 years' time at 6% per annum.

MEADOWLANDS

IN St. Louis County, Minn., is only 45 miles from Duluth and crossed by two railroads. Has a rich, clay loam soil, pure water, school, good neighbors, good roads. No stumps and no stones. Look this up before locating elsewhere. A fine dairy and diversified farming district. For map and full information, address,

LAND COMMISSIONER D. & I. R. R. CO.
525 Wolvin Bldg., Duluth, Minn.

DRENNON & CO., 522 Bryant Bldg., Kansas City, Mo. HAVE the following bargains in farm lands in Kansas, the best agricultural state in the Union.
200 acres, Labette Co., near shipping point, well improved, well watered. Price \$45 per acre.
Two 160-acre farms, well improved, well watered in Wilson Co., \$50 per acre.
100 acres and 80 acres same county, well improved, \$50 acres.
900 acres, same county, well improved, 200 acres cultivated, balance good pasture land, \$20 an acre. We have 6,000 acres wild land, southwest part of state, we can sell you at \$10 to \$15 per acre. We have 5,000 acres, partly improved, in central part of state, can sell it to you at \$25 to \$30 per acre. We also have wild lands in the Panhandle of Texas, can sell you at \$8 to \$10 per acre. If you will 'phone us, write us, or come and see us, we will make you money or place you in a good home and make you our friend.

CORN, STOCK

OR DAIRY FARM 360 acres, about 240 improved, in one of the best farming districts in Minnesota; fine large buildings and improvements. Best of corn, clover and small grains grown. Splendid soil and water, land equal to Illinois except in price, adjoins beautiful lake, 20 miles from St. Paul and Minneapolis. For immediate sale, \$50 per acre, small payment down and very easy terms. No commissions to be paid. No trades. Write the owner.

E. M. KIERON,
311 Nicollet Ave., Minneapolis, Minn.

A CHOICE 80-ACRE FARM FOR SALE.

I WILL sell my farm in southeast Clarke Co., Ia., near 3 railroad towns, for \$70 per acre. All good plow land, well improved. Easy terms. Write or come and see it. D. G. Porter, Rt. 1, Weldon, Ia.

FOR SALE OR EXCHANGE: 240-acre eastern Texas peach and pear orchard, 2 miles of good growing city of 18,000 population. Owner will sell on easy terms or exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

In Beautiful Artesian Valley, With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to Miller & James, Meade, Kansas.

TO EXCHANGE: TWO registered draft and one head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 148, Independence, Iowa.

FARMS FOR RENT. Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. Northern Iowa Land Co., Independence, Ia.

FOR SALE—A small farm, consisting of 48 acres, in Howard County, Iowa, well improved, near town, cheap if taken soon. Address, A. Haupt, Cresco, Iowa.

GOOD corn and wheat lands for sale. Send for list. C. W. Lindsay, Wilsonville, Nebraska.

THE MARKETS.

Chicago, Dec. 8.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Dec. 1.....	1,716	181	13,147	1,663
Mon., Dec. 3.....	36,305	1,816	33,289	30,839
Tues., Dec. 4.....	8,525	1,780	20,957	14,701
Wed., Dec. 5.....	23,250	1,905	34,617	20,965
Thurs., Dec. 6.....	7,327	1,667	27,415	10,658
Fri., Dec. 7.....	2,275	271	28,643	10,396
Sat., Dec. 8.....	1,000	100	18,500	2,000
Total this week.....	78,727	8,439	163,421	89,759
Previous week.....	75,512	5,005	131,579	85,500
Cor. week 1905.....	92,654	4,663	222,345	100,845
Cor. week 1904.....	81,420	4,631	236,109	73,444
Shipments—				
Sat., Dec. 1.....	585	57	2,710	116
Mon., Dec. 3.....	7,098	51	5,813	2,701
Tues., Dec. 4.....	5,360	130	4,964	3,098
Wed., Dec. 5.....	6,474	216	7,318	2,625
Thurs., Dec. 6.....	7,389	85	6,419	4,099
Fri., Dec. 7.....	7,674	328	4,958	1,973
Sat., Dec. 8.....	1,500	50	2,500	2,000
Total this week.....	35,495	866	30,972	16,496
Previous week.....	25,114	392	21,856	15,169
Cor. week 1905.....	34,417	681	46,208	16,177
Cor. week 1904.....	29,759	530	22,725	15,935

Falfurrias Artesian District in the Gulf Coast Country Southern Texas 117,000 Acres Richest Sandy Loam

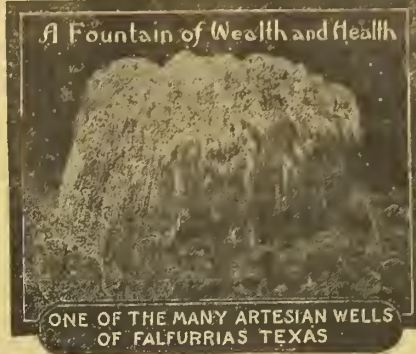
Farm, Fruit and Garden Land.

Land sells now \$15 to \$30 per acre. Terms one-third cash, balance in one and two years.

Sufficient rainfall for all crops, artesian wells for irrigation. The healthiest climate in the U. S. New railroad and model city of happy, prosperous people. Our farmers make from \$50 to \$300 crops per acre. Two or three crops same year on same land.

LET US SHOW YOU. Write Today for Free Literature and Latest Map of Texas.

FALFURRIAS IMMIGRATION CO., Inc.,
No. 3 West 10th St., Kansas City, Mo. INVESTORS AGENT AND COLONIZERS.
LARGE TRACTS FOR INVESTORS.



BUY YOUR LAND IN THE BIG BEND COUNTRY

OF EASTERN WASHINGTON, where you get not only the best of lands at low prices, but also get located in the finest climate, where crop failures are unknown; no bugs, flies or rust; freedom from electrical and destructive wind and hail storms; where fruits of all kinds do well. This is no experiment, as the country has been thoroughly tested. Special inducements to parties buying this fall. Railroad fare refunded to purchasers. Write for pamphlet to

THE BIG BEND LAND CO.,
Dept. I WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY OF NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
Capital and Surplus, \$250,000.00.
LARIMORE, NORTH DAKOTA.

A FARM BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES, 4 1/2 miles from Osage City, Kan.; 45 acres in cultivation, 40 acres hay land, 1 acre orchard, 2 acres timber, balance in pasture; this farm can be cultivated, balance is a little broken and has some stones, but is the very best of pasture; hay land is all smooth and would make a fine field. Soil is a black, sandy loam of the very best quality, no bad ground on place; 6 room house in good condition, barn for 8 horses, with loft; cow barn, cattle shed, buggy shed, corn crib, hen house; plenty of good water; nice grove around house; 1 1/2 miles to school. Fine location on main traveled road. This is one of the best all-round farms in Osage Co., Kan. No trades considered. One-half cash, balance on time. Price \$40 per acre. Send for our list of Osage Co., Kan., farms for sale.

Olander & Rapp, Osage City, Kan.

SPECIAL OFFER.

HERE IT IS—We have an 80-acre farm within nine miles of Des Moines, all under cultivation. Good house and outbuildings, old and young orchard, good fences, at \$85 per acre, if sold within fifteen days. Worth \$100.

GEO. C. HUNTER,
407 Iowa Loan & Trust Bldg.,
Des Moines, Iowa

IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY,
Laurens, Iowa

NOW TO CUBA!

WHY? BECAUSE now for the first time, the Turiguan Land Company is offering a portion of its plantation for sale, in small tracts, to suit the purchaser, and at extremely low prices. Turiguan Plantation is admitted by all to be the richest and best in all Cuba. Write at once, for fine descriptive booklet, prices and terms, cheap rates, etc. Correspondence solicited. Look into this, and you will buy.

TURIGUANO LAND CO.
Majestic Bldg., Chicago, Ill.

IOWA FARMS FOR SALE. Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

Texas Gulf Coast

1,000,000 ACRES of best land in best part of Texas, selected by an expert of ten years' Texas experience as land agent for principal railroad. Most fertile soil in world. Grow something every month in year. Fine climate. Will sell in tracts to suit to dealers or homeseekers. Close to railroads, schools, churches, rural mail delivery. \$5 to \$16 per acre. Easy terms. Write or call at once. Buy ticket to or via Houston. Don't cost any more, we pay expense from there. Live agents wanted.

PICKERT-HAMMOND LAND CO.,
Opposite Grand Central Station,
HOUSTON, TEXAS.

LET ME SELL YOUR FARM, HOME OR BUSINESS

No matter where located, for cash, in less than 90 days. I have hundreds of buyers and keep in touch with them through 1,500 agents. The man who will buy your place is on my list—do you want to meet him? Send description and price of your property quick. Address

412 Brace Bldg. A. EDGAR DAVIS, Lincoln, Neb.

740 ACRES, Chautauqua County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. BOX 151, INDEPENDENCE, IOWA

WANTED A BUYER—For my 160-acre farm in Neosho township, Allen Co., Kan. Write me, the owner, for price and description. C. F. Wirth, Rt. 4, Box 34, Carthage, Ill.

Canadian Government FREE FARMS



OVER 200,000 American farmers who have settled in Canada during the past few years, testify to the fact that Canada is beyond question the greatest farming land in the world.

Over Ninety Million Bushels of Wheat

from the harvest of 1906 means good money to the farmers of Western Canada, when the world has to be fed. Cattle Raising, Dairying and Mixed Farming are also profitable callings. Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low. For literature and information address the Superintendent of Immigration, Ottawa, Canada.

or the authorized Canadian Government Agent
W. V. Bennett, 501 N. Y. Life Bldg., Omaha, Neb.
E. T. Holmes, 215 Jackson St., St. Paul, Minn.

\$500 Cash or Time Buys a Farm In VIRGINIA



With cozy new 3-room cottage like cut, and 25 acres for poultry, fruit and vegetables. Only two miles from the live town of Waverly, on N. & W. Ry., midway between Norfolk and Richmond. Delightful climate, abundant water, unexcelled markets for produce. Splendid social advantages.

"Go South—Young Man!" Write today for Booklets, lists of bargains in farms, lowest excursion rates, etc.

P. H. LABAUME,
Agent & Land Agent,
Norfolk & Western Ry.,
Box 211 Roanoke, Va.



FOR SALE--AT A BARGAIN.

THE Crawford Ranch is one of the best stock farms in Eastern Kansas, located seven miles from Cottonwood Falls, county seat of Chase county, and in the best stock-raising section in the state, consisting of 1920 acres of rolling prairie and creek bottom land, all in one body, with two miles of creek, and never-failing springs in all the pastures; 60 acres of timber, 450 acres under cultivation, 60 acres of alfalfa, 50 acres English blue grass; 800 bearing apple trees, 16 miles of 4-wire fence, 3 miles of woven wire fence, 3 miles of stone fence, 4 good ranch houses, large barn 40x70 with "L" 18x24, and other outhouses, farming implements; corn, kafir corn and cane, four good wells, about 600 head of cattle, horses and hogs. I have carefully examined this property and find it one of the best, and can sell at a bargain. If you want a fine ranch, this is your opportunity. Address, CALVIN BREWER, P. O. Box 337, Topeka, Kan.

TEXAS LAND

ARE YOU INTERESTED?

WE have for sale lands in the Texas Panhandle, on the line of R. R. all the way from Oklahoma to New Mexico, from 1/2 section to 10,000 acres, at prices ranging from \$5 to \$20 per acre. Why go from 10 to 40 miles from R. R. to buy lands when you can buy it at the same price along the railroad—and frequently near large towns? Stop and give this question your attention, and write to us or call and see us. Correspondence solicited. Join our next excursion for Texas.

BOYER & PETERSON,
Texas Land Dealers,
408-410 Gumbel Bldg., Kansas City, Mo.

WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$80 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment. BOX 81, INDEPENDENCE, IOWA

A BARGAIN—244 acres 3 miles from Emporia; 200 acres bottom, 65 in cultivation, 45 meadow, 10 in alfalfa, balance timber and pasture; good feed lots; house of 9 rooms, cellar, fine water, 2 good barns, cribs, chicken house, hog house, windmill and tanks; 1/2 mile to school. Price \$75 per acre. Willis & Co., Emporia, Kan.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stock hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

Virginia Farms and Homes.

FREE CATALOG of Splendid Bargains. R. B. CHAFFIN & CO., Inc., Richmond, Va.

320 or 640 acres in Wilkin county, TO RENT: Minnesota; good, level land, excellent location. 240 or 268 acres, Dunn county, Wisconsin; good stock farm. For terms and descriptions write The Northern Iowa Land Co., Independence, Iowa.

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

COMPLEX HEN TROUBLES.

A correspondent writes:

Can you tell me what is the matter with my young chickens? The trouble seems to be in the head or neck. The head is drawn over the back and is nearly in constant motion. They seem to be unable to bring the head down, so they cannot eat or drink and soon die. It comes on them suddenly.

The above clear, concise description of symptoms is unusually good as far as it goes, but is not sufficient for a definite diagnosis. The age of the affected birds is not given, nor the kind of food or amount fed. The surroundings would also need to be taken into consideration. Unsanitary or crowded conditions are apt to make serious trouble.

There are four causes which produce symptoms something like those given by our friend. Chickens die in convulsions when suffering from some kinds of poisoning, bowel trouble, cholera and apoplexy. The trouble may also have come from eating decomposed or moldy food. Indigestion will sometimes bring about queer manifestations.

Irritant poisons are many. There is great carelessness along this line in many poultry yards. A paint pail, perhaps, is thrown into some fence corner, where rain water will run into it, and if found by the fowls, trouble is very apt to result. The same is true in regard to Paris green. Vessels which have contained this poison should never be left carelessly about. Even if seemingly quite empty, when filled by a chance shower, there is likely to be enough poison in it to work mischief. Chickens running in a potato patch recently sprayed with Paris green, have been seriously poisoned by the drops of moisture hanging from the leaves. It is scarcely possible to be too careful along these lines.

If bowel trouble or cholera are the cause of convulsive symptoms they are easily detected. Convulsions cannot occur unless the brain is affected, and those who have had experience with the diseases of children know that the digestive organism is closely connected with the nerves of the brain.

If these chickens were mature birds, we should say the symptoms pointed strongly toward apoplexy. This term refers to the condition resulting from a break in a blood vessel of the brain. This most frequently occurs in over-fat hens. In over-fat birds, the little muscles of the arteries suffer from fatty degeneration, and undue excitement, fright, such as comes from violent chasing by boys or dogs, causes them to give way, and the fowl dies. Long continued hot weather also brings on similar symptoms.

Since these chickens under consideration were apparently small and immature, it seems that the difficulty must have arisen either from poisoning or indigestion arising from overfeeding. Look the premises over for anything that may be poisonous. Rough on rats spread on bread must be kept carefully out of the way of the feathered family, as bread is especially attractive. Even some lice killers might work harm if taken internally.

It will be well to reduce the amount of food in this case, giving light, unstimulating diet, plenty of fresh water, and striving for good, sanitary conditions. With the data given, this is the best

ONLY \$12⁷⁵

230 Egg Incubator and We Pay the Freight.

It's the biggest incubator bargain ever offered
1st. Because so large an incubator has never been sold for so low a price.
2nd. Because so good an incubator has never been offered even at double the price. It's the famous

ROYAL (You Can't Get a Better At Any Price.)

Understand our proposition. We pay the freight anywhere East of the Rockies; we give you a fair and square trial; we give you a bank guarantee; and we promise you that the Royal, with ordinary attention will do perfect work. Don't confuse it with "cheap" incubators; it is strongly built; will last a lifetime, automatic control of heat; perfectly ventilated and hatches the eggs. Don't make the mistake of buying until you invest gate our special offer Handsome catalog of incubators, brooders, poultry supplies, eggs for hatching and fine poultry FREE. Practical Book, "Care of Chicks, Ducks and Turkey" 10c. standard 50c Poultry Paper one year 10c.

ROYAL INCUBATOR CO. Drawer 755 DES MOINES. IOWA.



advice it is possible to give in the case before us.

COLD VS. WARM HOUSES.

In the past four or five years opinion has been gradually drifting from warm houses to cold houses for the best results in the poultry yard. The Ontario Agricultural College has just issued a bulletin giving the results of an experiment along this line.

According to the results obtained by experiments carried on by that station it was found that good returns were obtained from different styles of houses. The tendency is towards cheaper houses and better ventilation. The hot-house style of housing poultry during winter has not been satisfactory, many of the houses being damp and the air in them being anything but pure. In such houses disease has been common and the results disappointing.

The manager of the poultry department of the Ontario Agricultural College says that every poultry house should be light; at least one-third of the south side should be glass, or otherwise open to the sun. The manager says: "During a number of years we have been trying different styles of houses. The first houses constructed some ten years ago were built very warm and tight, and were so arranged that they could be heated artificially. After a few years' trial the stoves were removed and later the double windows. Gradually we began to open the doors and windows daily, and not closing them in the fall of the year until the water would freeze in the drinking tin. The fresh air treatment gave us healthier and more vigorous birds, and as far as I can tell from the records, equally as many eggs, which were better eggs for incubation purposes. We tried a colony house, constructed of single-ply boards, the cracks of which were battened. This house gave fairly good results as regards egg production and hatchable eggs."

Some of the results of the experiment are noted in the bulletin as follows: The warm house gave the poorest results each year. The cold house gave better results during the months of January and February, but did not do as well in March, which was thought to be due to the fact that more hens were broody.

Houses built of matched stuff and lined with paper with a dead air space between the outer and inner walls were moist on the inside. To do away with this difficulty a load of straw was placed in the loft. It was placed on boards put six or eight inches apart. The straw absorbed the moisture and kept the house dry. A curtain has been found useful in zero weather in keeping the combs from freezing.

EARLY MATURITY INDICATIVE OF GOOD LAYING.

A bulletin recently issued by the Maine Experiment station shows excellent reasons for the generally approved method of selecting pullets for layers, not only the pullets that hatch earliest, but also those that are earliest to mature, in the record of some chickens that were selected two years ago. The value of early maturity as a guide in selecting laying stock is indicated by the following statement: "Two years ago last August and September, twenty-nine pullets were selected on the range that were laying in the brooder houses, or about commencing to do so, as shown by

Why So Sure?

It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser.

The Successful

is the nearest of all the out and out automatic machines, both Incubator and Brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls, Incubator and Poultry Catalog FREE. Booklet "Proper Care and Feeding Small Chicks, Ducks & Turkeys," 10c. 50c poultry paper 1 year, 10c. Des Moines Incubator Co. Dep. 50, Des Moines, Ia.

A Free Book About

Incubators

We issue the best book ever written on incubators—written by a man who has spent 25 years in perfecting them—by the man who made the Racine. It tells facts that you must know to get the right incubator. Don't buy without reading it, for the book is free. We Pay the Freight.

Racine Hatcher Co., Box 135, Racine, Wis. Warehouses: Buffalo, Detroit, Kansas City, St. Paul.



Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STAHL, Quincy, Ill.



FOR SALE: Live deer, all ages, white swans, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.



THE FAMOUS OLD TRUSTY

40, 60 or 90 days to prove claims for my famous incubator. Two years guarantee. Send for catalog and get acquainted. Book free, advice too. M. M. JOHNSON, The Incubator Man, Clay Center, Neb.

IT CURES ROUP

AND other poultry diseases. Cholera, canker, inflammation of the throat, frosted combs, chicken pox and gapes. That is what Morris' Antiseptic Amalgamation will do. This great poultry remedy is guaranteed. Wanted, one person in each community to try it. Also agents. Write Jos. Morris & Son, Mfgs., Montezuma, Ia.

DOGS.

I HAVE some extra fine Fox Terriers, nicely broken, also young stock, both sexes, all guaranteed to make extra good rat dogs. Also our broken Collie bitch for \$15 or will exchange for S. C. White Leghorn hens or pullets.

C. H. DRAKE, Stockport, Iowa

THOROUGHBRED fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

RATS! MY Scottish terriers will make them git. Very fine pups from recorded parents for sale. S. W. Harr, Riverside, Iowa.

their red combs, and their prating and following the care taker about the premises, talking about the things they were going to do in real hen language, which is easily understood and not to be mistaken by anyone who knows chickens. These young birds were carried into the laying house, banded and given a regular treatment for laying hens. Records were kept for each hen for 365 days from that time on when each should lay her first egg.

Four birds died during the year and

Let Me Quote You a Price on a CHATHAM Before You Buy an Incubator

It will take one penny for a postal, and a minute of your

time, to write for Special Prices on 1907 Chatham Incubators and Brooders. No matter what kind of a machine you have in mind—no matter where you intended buying, or when—TODAY you should send me a postal and get my catalog and prices.

My book will tell you how good Incubators are made—will tell you what you ought to know about poultry business—will tell you about brooders—will post you on the best way to make money out of poultry—and my prices on Chatham Incubators and Brooders will show you how to start in the poultry business for a small amount of money.

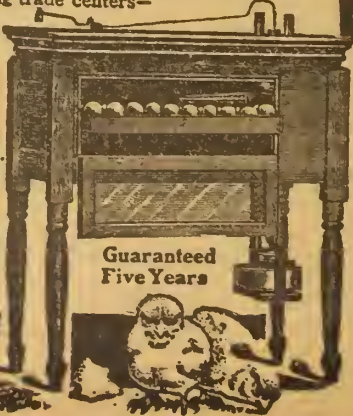
Chatham Incubators Sold on 84 Days FREE Trial

freight prepaid—guaranteed 5 years. That's the story of the celebrated Chatham Incubator. We sell them on trial, pay the freight, and guarantee them for 5 years. With proper care, they last a lifetime. I am going after the incubator business of the country this season, and I intend to get it on great, big value in the machine and a very low price. Chatham Incubators are the best possible to make. They are tested, and known to produce the largest percentage of strong, healthy chickens. We have two immense factories—one in Canada and one in the United States—and run our own experimental station where a battery of Chatham machines are in operation every day in the year, under the care of expert poultry men.

If you are, get ready to buy a machine now, put it off for a day or two, until you can get my prices and catalog—then decide on what to buy. We have warehouses in all the leading trade centers—where Chatham Incubators and Brooders are kept in stock—insuring prompt delivery. Depend on this: With the immense amount of money—\$500,000—that we have invested in the incubator manufacturing business, we are sure to give our customers every improvement worth having in the Chatham Incubator. We can afford it, because that is what brings us the largest business in the world. That is all I can say in an advertisement. I invite you to write for my prices and book. Address me personally.

MANSON CAMPBELL

President Manson Campbell Co., Ltd. 241 Wesson Avenue, DETROIT, MICH. If you live west of the Mississippi River, address me Box 241, Topeka, Kan.



the twenty-five remaining averaged 180 eggs each. Two of the four that died had done good work, one having laid 148 eggs up to July 30th and the other 150 up to April 7th. Eight of the twenty-nine birds laid over two hundred eggs each. The only poor layers in the lot were two of those that died.

The average production of all the pullets kept in the regular work last year was 144 eggs per bird. The average of 180 made by this lot, and the small number of poor yielders in it, show the advantages of selecting the early layers for breeding purposes. Those selected were of the most forward pullets.

To the farmers and poultrymen who do not use trap nests this plan of selecting the breeding females has much to recommend it. The method is simple. There is no secret about it. It is just common sense. Such birds bred to males purchased from some reliable breeder who practices trap nest selection of his breeding stock ought to improve the egg-yielding capacities of the flock."

A COLONY HOUSE.

There are many kinds of colony houses. The one that is most common,



where the colony system is pursued, will be seen in the illustration. The colony

house should be built so as to keep the chicks dry and comfortable. The size will depend on the number of chicks to be cared for, but it is very important that there is not too much crowding. Colony houses that are only used for summer should be placed up off the ground so the air can circulate underneath, which prevents dampness. These houses will be found most excellent for rearing large broods where brooders are not used.

POINTERS.

—Mr. P. H. Thiel, of Renwick, Iowa, is offering Rhode Island Reds and high-scoring Single Comb Brown Leghorn chickens for sale in his advertisement on this page. Write him for prices.

—Eighty White Holland turkeys, choice, large-boned birds, are offered for sale by Mrs. T. H. Schuknecht, of Tripoli, Iowa, in her advertisement appearing on this page of The Homestead.

—Mr. J. P. Eskildsen, of Laurel, Iowa, can supply Homestead readers with Single Comb Brown Leghorn cockerels, Mammoth Bronze turkeys and Barred Plymouth Rocks. His advertisement appears on this page.

—Mr. Henry White, of Tripoli, Ill., has some choice Single Comb White Leghorn cockerels which he is offering for sale in his advertisement on this page. He will have eggs for sale after February 1st.

—Fine, large Black Langshan cockerels are offered for sale by Mrs. Joseph Yustin, of Prescott, Iowa, in her advertisement which appears on this page. They have plenty of bone and beautiful plumage. See advertisement.

—Mr. George F. Blake, of Maquoketa, Iowa, can furnish Homestead readers with Single Comb Brown Leghorn, Single Comb White Leghorn and Silver Laced Wyandotte cockerels at prices named in his advertisement appearing on this page of The Homestead.

—Messrs. Henry Schlatter & Sons, of Lawler, Iowa, have Mammoth Bronze turkeys for sale as announced in their advertisement on this page of The Homestead. They also have Barred Plymouth Rocks, large-sized birds, good in shape and color. First orders get first choice.

—Mr. W. R. Warwick, of Montezuma, Iowa, breeder of Barred Plymouth Rock chickens, is offering cockerels for sale in his advertisement on this page. He writes: "The cockerels are from prize winners and are the best I have ever raised. At the Deep River show, November 20th to 22d, I took two firsts, two seconds, one third and two specials. At the Montezuma show, November 4th to 7th, I took two firsts, three seconds and two specials. I have some extra fine cockerels for sale."

—Mrs. L. M. Estes, of Audubon, Iowa, in sending in change for her advertisement, which appears on this page, writes: "I have just a few scored cockerels and have seventy-five unscored ones that I will sell for \$1.25 each where one is taken, two or more at \$1 each. I have one dozen June hatched pullets unscored, at \$1 each. Out of 140 pullets scored, I had eighty-six score from 95 to 96½ points. I have one cockerel scoring 96. He is fine, I assure you. These birds are of stock scoring from 94 to 95."

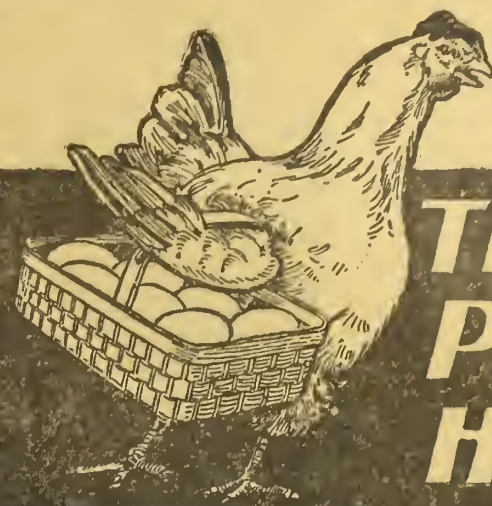
—Mrs. S. E. Newell, proprietor of the Maple Grove Poultry Farm, of Audubon, Iowa, is offering Black and White Langshans, Light Brahmas and Mammoth Bronze turkeys, for sale on this page. Mrs. Newell in furnishing copy writes: "The judge who scored my poultry lately said, 'Your birds are better than ever this season.' They are large, well marked, strong and vigorous, and scored as high as 97 points. I have been raising Black Langshans, Light Brahmas and Mammoth Bronze turkeys for twelve years and can furnish either farm or show birds at reasonable prices."

—The Madison County Poultry Breeders' Association will hold their first annual show at Winterset, Iowa, December 27, 28, 29, 1906, with Mr. U. J. Shanklin as judge. These fanciers are very enthusiastic over this coming show, as their premium list is larger and more valuable than is usually found outside of a state show and the entries promise to be large. Cash and specials are hung up on every variety and large sweepstakes prizes are offered. It will be worth while to exhibit at this show. Premium list on request. For information write Mr. Robt. S. Cooper, secretary, Winterset, Iowa.

—Mr. S. M. Compton, of Newton, Iowa, whose advertisement will be found on this page of The Homestead, is offering White Plymouth Rock chickens and White Holland turkeys and Pekin ducks for sale. Mr. Compton writes: "This is the eighth year we have used The Homestead to sell our surplus stock and we have a fine lot to offer this season. We won first on White Rock hens, second on cocks and first on Pekin ducks in strong competition at the Jasper County Fair this last fall. The cockerels we used last season scored as high as 94½, ducks as high as 97 and old White Holland tom at 96. We will offer White Rock pullets at \$9 per dozen until January 1st." Those of our readers wanting stock of this kind write Mr. Compton, as he will do his best to please his customers.

—Mr. G. W. Stout, breeder of Barred Plymouth Rocks, of Rose Hill, Iowa, writes: "I have about 125 Barred Plymouth Rock cockerels and pullets for sale. I have never been defeated on my Barred Plymouth Rocks in my seventeen years' breeding. I have been in the show ring for seventeen winters, to say nothing about the fall fairs. I have shown at Davenport, Cedar Rapids, Waterloo, Des Moines, Humeson, Ottumwa, Oskaloosa, besides a number of other places, including Lincoln, Neb. My Barred Plymouth Rocks are better than ever. It has cost me lots of money to get my stock where it is today. A man pays \$20 for thirty eggs; he surely has good stock, and \$30 for three birds. That is what it cost me to get good stock, which is none too good for me." See Mr. Stout's advertisement on this page.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for 25 years. The T. C. Prouty Co. Ltd., Albion, Mich.



is the one which contributes 150 eggs or more in a year, toward the family grocery bill. The sure way to have such hens, eggs in abundance, and a lot of ready cash, is to give a little of

DR. HESS POULTRY PAN-A-CE-A

with the morning feed every day in the year. Dr. Hess Poultry Pan-a-ce-a is a tonic, the sole purpose and action of which, is to assist nature in the performance of necessary functions. It aids digestion, prevents disease, and sends the proper proportion of each food element to the organ most in need. It also contains germicides which destroy bacteria, the usual cause of poultry disease. Poultry Pan-a-ce-a is the prescription of Dr. Hess (M. D., D.V.S.), and is a guaranteed egg-producer. Endorsed by leading poultry associations in United States and Canada. Sold on a written guarantee, and costs but a penny a day for 30 fowls.

1 1-2 lbs. 25c, mail or express 40c.
6 lbs. 60c.
12 lbs. \$1.25
25 lb. mail \$2.50

Except in Canada
and extreme
West and South.

Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK, Ashland, Ohio.
Instant Louse Killer Kills Lice.

POULTRY.

BARRED ROCK COCKERELS

We are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains. Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and bine barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Red Fished White Rocks. We have them and are going to sell them at bargains. Please notice change in address.

C. C. Drake & Son, LaHarpe, Ill.

B. P. ROCKS EXCLUSIVELY

My young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are like everything else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence.

G. W. STOUT, Rose Hill, Iowa

30 CHOICE

Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

Address, JNO. C. MILLER, Harlan, Iowa

WHITE LEGHORNS.

I HAVE for sale 100 White Leghorn cockerels. These are extra fine birds and are of my special "Bred-to-lay strain." Price on all sold before Jan. 1st, \$1.50 each. After Jan. 1st, \$2.50.

J. H. PIEPER, Leigh, Neb.

BARRED P. ROCKS.

EXTRA large, evenly barred, nice yellow legs and beak. Bradley and Latham strains. Prices reasonable. Satisfaction guaranteed.

J. L. BARBER, Harlan, Iowa

SILVER LACED WYANDOTTES.

COCKERELS for sale, \$1.00 each. The best I ever grew. Buff turkeys.

Wayside Farm, Mt. Vernon, Iowa

CHOICE SINGLE COMB WHITE LEGHORN cockerels, good stock, \$1.00 each if sold before February 1st. Eggs in season fifteen for \$1.00. Address, Henry White, Tripoli, Illinois.

UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

SILVER Wyandottes exclusively: large, vigorous birds from high-scoring stock. Reduced rates for 30 days. We need room. S. K. Young, Greenville, Ia.

S. C. and females from popular strains. Prices reasonable, if taken soon. Nettie Crane, Blencoe, Ia.

MAPLE Grove Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. C. Newell, R. 6, Audubon, Ia.

BUFF ORPINGTONS and Buff Rock cockerels. Large, even colored birds. \$1.00 to \$1.50 this month. Mrs. G. R. Fuller, Rolfe, Iowa.

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

POULTRY.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties, quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

FRANK FOY, BOX D, DES MOINES, IOWA.

FOR SALE.

HOUDAN cockerels, Toulouse geese, Rouen ducks and Belgian hares. Prize winners. Write me describing what you want and get prices. Satisfaction guaranteed.

C. N. GERARD, BRADFORD, ILLINOIS.

B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, Palo, Iowa

WHITE HOLLAND TURKEYS.

10 FINE two-year-old toms, \$5.00 each. No White Wyandotte stock for sale.

FOREST HOME POULTRY FARM, Audubon, Iowa

200 BARRED P. ROCK cockerels of large bone, fine style and well barred, at \$1.00 to \$2.00 each, from prize-winning stock; also Mammoth Bronze turkeys from Iowa State Show winners. S. V. Latham, Montezuma, Iowa.

MAJESTIC BRONZE TURKEYS:

MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.

ROSE COMB BROWN LEGHORN. Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

80 WHITE HOLLAND TURKEYS.

CHOICE, large-boned stock. Toms, \$5.00, hens \$3.00, \$10.00 per mated trios. Mrs. T. H. Schuknecht, Tripoli, Iowa.

OTTOMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

FOR SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. J. O. Wolcott, Gilmore City, Iowa.

BLACK LANGSHANS, the result of nine years' careful and exclusive breeding. \$1.00 each in lots of three or more. H. M. McKeen, Sac City, Ia.

FANCY White Holland Turkeys, Partridge Cochins in hens; farm range; \$15 per doz. Write for prices on show birds. Mrs. Floyd Collins, Viola, Ia.

BLACK LANGSHAN cockerels for sale. Fine, large birds, plenty of bone, beautiful plumage, \$1 ea. if taken soon. Mrs. Joseph Yustin, Prescott, Ia.

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

50 B. P. R. Cockerels for sale. Large bone, fine markings. \$1.00 each. Egg in season. Cyrus H. Whitford, Iowa Falls, Iowa.

Succeed with a Successful

Simple, self operating machines, sure of results. Take the least care and can be depended on for big hatches under all conditions.

INCUBATORS AND BROODERS

with records, not experiments. Many thousand long-time users, all satisfied. Send to

Des Moines Incubator Co.,

Dept. 60, Des Moines, Iowa.

Incubator and Poultry Catalog FREE. Booklet, "Proper Care and Feeding Small Chicks," 10c. 50c poultry paper one year, 10c.

POULTRY.

White Holland Turkeys

A L-O breeder of Duroc Jersey swine. The home of Ben Davis. Bred sow sale, Feb. 28, 1907.

J. S. TEALE, R. R. NO. 4, LAMONI, IA.

75 BARRED P. ROCK COCKERELS.

LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellabarger & Todd, \$2.50 to \$5.00 each.

W. R. WARWICK, Montezuma, Iowa

RHODE ISLAND REDS.

Also High Scoring S. C. B. Leghorns.

Write for prices.

P. H. THIEL, Renwick, Humboldt Co., Iowa

WHITE ROCKS—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. Bulus H. Flanagan, Pleasantville, Iowa.

S. C. B. LEGHORN cockerels and pullets for sale at reasonable prices; also M. B. turkeys and B. P. Rocks. J. P. Eskildsen, Lawler, Ia.

WHITE Langshan c'h's 75c., and pullets \$8.00 per doz. until Jan. 1st. White H. turkey hens \$2.50 each. Mrs. Will Hayden, R. 1, Meadow Grove, Neb.

WHITE Wyandottes, both sexes. Scored and unscored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

WHITE Plymouth Rocks, White Holland turkeys and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa

S. C. BROWN LEGHORN, S. C. White Leghorn, S. C. and Silver Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

PARTRIDGE COCHINS exclusively. Both sexes for sale. None better. Mrs. C. E. Wonderly, Benedict, Neb.

FINE, LARGE MAMMOTH BRONZE TURKEYS and Rouen Ducks. J. H. Howarth, Moulton, Iowa.

FOR SALE—Pure bred White Wyandotte Cockerels, \$1.00 each. Mrs. C. Rogers, Exira, Iowa, R. R. 4, box 38.

ADVERTISING NOTES.

Mr. C. F. Wirth, of Carthage, Ill., desires to sell his 160-acre farm, located in Neosha township, Allen county, Kansas. Write him for prices and description. His advertisement appears on page 19.

The St. Louis Fur Company, of St. Louis, Mo., ask Homestead readers to send them their 'coon, mink, 'possum and other furs, hides, roots, etc. They charge no commission, stand the express charges on shipments of furs amounting to \$10 or more. Write them for tags, price list, etc. The advertisement appears on page 29 of this issue.

A good, desirable farm of moderate size within easy reach of Des Moines, at any place near a reasonable price is a very hard thing to find. Mr. Geo. C. Hunter, 407 Iowa Loan & Trust Bldg., Des Moines, Iowa, has one such farm advertised on page 19 of this issue of The Homestead. Eighty-five dollars per acre is what he asks for it, while it is worth \$100.

We wish to call the attention of our readers to the advertisement of Dr. J. M. Auld, of Chicago, Ill., that appears on page 14 of this issue. The doctor has been very successful in curing the diseases mentioned in the advertisement to which we refer, and he gives in his advertisement the address of a few of the patients which he has cured in this state.

Ten million acres of what is considered the most fertile soil in the world, located on the Texas gulf coast, are offered for sale by the Pickert-Hammond Land Company, of Houston, Texas, in an advertisement which appears on page 19 of this issue of The Homestead. This land is close to railroad, school, churches, rural mail delivery, and will be sold on easy terms. Write or call on the company at once.

Mr. D. G. Porter, of Weldon, Iowa, has an eighty-acre farm for sale. It is a choice one and he offers it at the low price of \$70 per acre. This farm is located in the southeast part of Clarke county, Iowa, and is near three railroad towns. It has good improvements and will be disposed of on easy terms. Write Mr. Porter or go and see the farm if wishing to purchase something choice. His advertisement appears on page 19 of this issue.

A fine Florida farm of forty acres in the delightful Indian river region, adapted for all sub-tropical fruits, such as oranges, pineapples and bananas, as well as vegetables, and already having six acres in pineapples, two in oranges and grape fruit and two in garden, also four-room house, is offered for sale in our classified department by Mr. Stewart Ankeney, of 1942 Arlington Ave., Des Moines, Iowa. Mr. Ankeney is thoroughly reliable and this farm, offered for \$6,000, is a bargain for someone.

There is offered for sale on page 19 of this issue of The Homestead by Messrs. Willis & Co., of Emporia, Kan., a 240-acre farm which they say is a bargain at the price asked for it. This farm is located three miles from Emporia. Two hundred acres of it is bottom land, sixty-five of which is under cultivation, forty-five in meadow, ten in alfalfa, the balance timber and pasture. There is a good nine-room house, cellar, with fine water and two good barns. See advertisement for further particulars and write Messrs. Willis & Co.

Eastern farmers who are farming under the disadvantage of crowded country, severe climate changes, will find in eastern Washington not only lands the growing quality of which is unequalled, but where no such thing as crop failures, wind storms, severe winters and late springs are known. No scorching summers in eastern Washington—no experiment on your part in coming to Washington. If you are farming under difficulties—trying hard to improve an unproductive farm—if you are looking for all the things that go to make successful farming—write to the Big Bend Land Company, Dept. 1, Wilbur, Wash.

An advertisement which will be of especial interest to farmer readers of The Homestead will be found on page 8 of this issue. We refer to the Hawkeye Grain Grader and Cleaner, manufactured by the Parson Hawkeye Manufacturing Company, of Newton, Iowa. This grader and cleaner is made especially for farmers. It is both a grain grader and a fanning mill with large capacity and does the best of work. It separates wheat or oats in two grades and cleans them at the same time. It cleans and grades seed corn. It will clean and grade seed wheat; it will separate oats from wheat; it will separate timothy from clover; in short, it will do any work required of a fanning mill, and grade seed grain besides. If your dealer does not handle this grader and cleaner, write the Parsons Hawkeye Manufacturing Company, of Newton, Iowa, for their illustrated circular and prices.

THE TWENTIETH CENTURY FARMER.

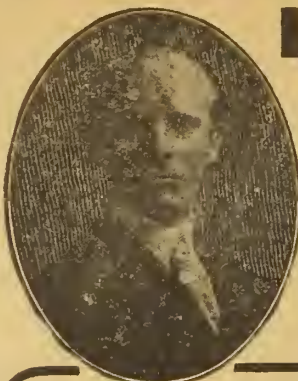
We desire to direct the attention of Homestead readers to the advertisement on page 11 of this issue of The Twentieth Century Farmer, of 1726 Farnam St., Omaha, Neb. This publication is making a special one-half rate combination offer for different publications and those of our readers who want to get their next year's supply of reading at one-half price should look up the advertisement before sending in their subscriptions for the different papers. The Twentieth Century Farmer is making three different propositions, all of them including The Twentieth Century Farmer and other publications at very low prices.

FARMING IN A MILD CLIMATE.

A card addressed to J. W. White, general industrial agent, Portsmouth, Va., will bring to any of our readers "The Seaboard Magazine." This magazine is devoted to the agricultural and industrial development of the South. Its pages are alive with matter relating to agriculture where conditions make life agreeable the year round. Every man

CUT ICE

With the Dorsch Double Row Ice Plow. We guarantee it will cut more than 20 man sawing by hand. Cakes are cut uniform, of any size and thickness. One man and a horse will cut more ice in a day than the ordinary farmer and dairy men can use. You can cut for others and make the price of our plow in two days use. Ask for catalogue and introductory prices. JOHN DORSCH & SONS 216 WELLS ST., MILWAUKEE, WIS



H. C. GUMBEL,
The Man Who Stands Back of
the "Knodig" Pitless Scale

Let Me Send You a "Knodig"

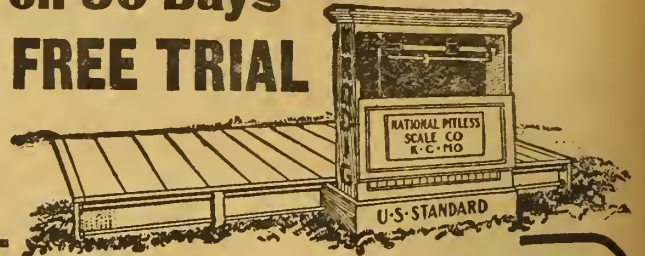
Pitless Scale on 30 Days'

FREE TRIAL

No Money Down

No Notes to Sign

Nothing to Pay



My Scale—the Knodig Pitless—is used by the
U. S. Government, Which Proves its Quality.

You can't afford to buy one of those inaccurate, poorly constructed Pitless Scales, which will do poor work and last only a year or two, nor a high priced, old style Pit Scale which makes big repair bills and cannot be moved about on your place.

What you need is a KNODIG PITLESS, which costs you a little more at the start than the "cheap" scales sold by the mail-order houses, but is the best investment in the long run because it lasts a lifetime.

The "KNODIG" costs from \$30 to \$50 less than a Pit Scale, and is as good as any scale made at any price. It is the only scale backed by an unlimited iron-clad 10-year guarantee. I make the "KNODIG." I know just how good it is, and I can afford to stand back of it.

You positively can't afford to buy a scale until you have seen my big illustrated catalog showing the brand new models A and B "KNODIG" PITLESS with Protected Bearings. Ready for instant use when you want them.

No ice or snow to cut away from the bearings in winter—no dirt or dust to clean out in milder weather. Nothing to interfere at any time with the absolutely accurate and sensitive weighing feature of the "KNODIG" PROTECTED BEARINGS.

Fully covered by patents. Sold only direct from factory at lowest factory prices. Costs about half the price of a Pit Scale and has no expensive pit with rotting timbers, rusting parts and big repair bills.

Can be moved anywhere on your land, wherever the work happens to be. It is personal property. Should

H. C. Gumbel, Genl. Mgr. National Pitless Scale Company,
2011 Wyandotte Street, Kansas City, Missouri.

you sell your farm, the "KNODIG," unlike the Pit Scale, does not go with the land. Absolutely accurate, because tested according to U. S. Standard of weights. The U. S. Government has selected the "KNODIG" for use in the Kansas City Post Office.

My plan saves you all the middlemen's profits. Deal direct with me. No Agents, Salesmen, Jobbers or Dealers stand between you and my factory.

Why should you pay from \$30 to \$50 more for the empty privilege of buying through an agent or dealer? Does it make the scale you buy any better? Does it add one single penny to its value? Then why not save the middleman's profits and keep them in your own pocket?

I am willing to PROVE that the "KNODIG" Pitless is the scale you need. I will send a set to you, or to any responsible Farmer, Stockman, Elevator Man, or Grain Dealer, on a month's free trial.

You have nothing to pay until you're satisfied, no deposit, no notes to sign, nothing to do but give the "KNODIG" a fair, honest trial at MY risk. If it doesn't please you, send it back, and I will pay freight BOTH ways. And I will also pay the expense of setting the "KNODIG" upon your premises.

Write to me personally for the new Knodig Pitless Scale Catalog. It contains over 40 fine half-tone pictures that will interest you, and is chock full of practical scale wisdom from cover to cover. The book is Free. You will want to see it. Write for it today, to

Cut out
and mail this
Coupon to-day.

H. C. GUMBEL,
General Manager,

National Pitless Scale Co.,
2011 Wyandotte Street,
Kansas City, Mo.

Please send me your big, free
Knodig Scale Book by first mail.

Name.....

Address.....

who is in any way dissatisfied with his present conditions or who would like to take to fruit, truck or grain farming in an equitable climate, such as is found in Virginia, the Carolinas, Georgia, Alabama or Florida, should write for a free copy of this magazine. Special low rates are now being made for homeseekers, prospectors and investors. The advertisement of General Industrial Agent White is found on page 18 of this issue. The thing to do is to make application for the magazine and there read the facts yourself. Mention The Homestead when you write.

CAUSTIC BALSAM BEATS THEM ALL.

Mr. H. A. Hewitt, of Siloam Springs, Ark., writes under date of Dec. 8, 1904: "The Lawrence Williams Co., Cleveland, O.—I have used Gombault's Caustic Balsam for years with the best results. It is the best remedy I ever used by a great deal. There is no comparison between it and other remedies. There is no ailment of the leg or foot that I am afraid of. Gombault's Caustic Balsam will cure them all. I can cure ring-bone, spavin, curb, splint or any of these diseases with it. It is a sure cure." Read the advertisement on page 26 of this issue.

SOUTHEASTERN KANSAS FARMS.

Among the announcements in the Lands and Homes department in this issue is that of Messrs. Drennon & Co., Bryant Bldg., Kansas City, Mo. This firm offers for sale several splendid southeastern Kansas farms at prices that are extremely cheap, considering the quality of land offered. There is no more prosperous class of farmers anywhere than in this locality, and the reason for this is the fact that the land produces the crops. Messrs. Drennon & Co. are a very reliable concern, having done business in Kansas City for years and will give any buyer a square deal on any of these properties. Write them for full particulars.

HIGHLAND PARK COLLEGE.

The readers of this paper have undoubtedly noticed the large illustrated advertisement that has been running in it of Highland Park College, Des Moines, Iowa. This institution is, indeed, one of the great schools of the West, and any of our patrons that wish to send their children away to a first-class school will make no mistake if they choose Highland Park College. It will be noticed that Highland Park has not only the regular college courses, but that it has some special courses in engineering, pharmacy, business, shorthand, typewriting, oratory, music and penmanship, and in normal work, that are more complete than can be found in almost any of the larger institutions of the country. The attendance at this school has always been large and the work is universally regarded the best. A special winter term opens January 2d.

TRAINING FOR SUCCESS.

Young men who are looking for permanent employment, where pay is certain and where there is an opportunity for advancement, should read the advertisement of the Wichita Telegraph College which appears on page 18 in this paper. This school prepares students for the railway and commercial telegraph service. It is not a new school, but one that has proven that it can successfully train young men for the telegraph service and is placing its graduates in positions, who complete the course, or refund their money. A course of training at this school should be looked upon as an investment rather than an expense. It opens the door for advancement

and any ambitious young man or young woman should think twice before dismissing such an opportunity. This is a changing world; no place, from the highest to the lowest, is filled permanently, and those elected to do the world's work are those who are willing and are prepared. Young man, begin today and do something looking toward advancement and that something may be simply writing for further particulars regarding the Wichita Telegraph College, located at Wichita, Kan.

TELEPHONE LIGHTNING INSURANCE.

"Telephone Lightning Insurance Policy" is one of the latest features of protection for the user of rural party line service. Such a policy is offered by the Chicago Telephone Supply Company, of 149 Beardsley Ave., Elkhart, Ind. The lightning insurance policy guarantees the users of the instruments against all damage by lightning. Another feature of this company's protection is its guarantee bond which guarantees that the instrument shall be free from all defects of material or workmanship. This bond is worthy of special consideration, in view of the high standing of the company which backs it. The Chicago Telephone Supply Company have long made a specialty of telephones for rural service. They are now offering a series of books, handsomely illustrated, one on "Telephone Lines: How to Build Them," another on "How Telephones are Made," and another on "Magnet Telephone." Each or all of these books may be obtained free by dropping a postal card to the company at their offices in Elkhart, Ind. The books are well worth having—far superior to ordinary booklets, as they clearly explain, by the aid of pictures, the construction of telephones and telephone lines in such a way that a man who never gave any attention to a telephone can understand the working of the instrument. Readers will do well to take advantage of this free offer as early as possible.

BIGGER CORN YIELD.

The question of seed corn, its care and the sorting of it properly, is one that is most prominently before the farmers of the middle West at present. It is conceded that a larger corn yield depends upon the quality of seed corn and the sorting of it in some way so as to make a uniform stand. The corn planter is a great boon to the increase in corn crops, but even this is not perfection unless the corn is sorted properly before being placed in the planter. Many times kernels of corn are either too thick or too thin to fit into the cells of the planter. Where this is the case, of course there is an irregular dropping of the corn, resulting in only two, and in some cases one, stalk of corn where there should be three. Many machines have been invented for accomplishing this sorting of the corn, but they have not been entirely satisfactory. The machine reaching most nearly the stage of perfection when viewed from the standpoint of both simplicity of construction and thoroughness of work, is manufactured by the Monarch Self Feeder Company, of Cedar Falls, Iowa. This firm are making a machine that will sort the corn into five grades, and has been tested by such eminent corn experts as Mr. L. C. Brown, of LaGrange, and others, to sort corn to such a point of perfection that an edge-drop planter will drop it 99 per cent perfect. When you stop to think what a difference a percentage like this will make in a single row, then consider the field acre by acre, you will be greatly surprised. When you convert this increase of corn into

cash, the nominal price asked for this "More-corn" sorter seems but a trifle. A representative of The Homestead has visited the home of the "Morecorn" sorter and tested the machine carefully and found that it would do all and more than is claimed for it. It is simple in construction so that any child can operate it. Write the Monarch Self Feeder Company for particulars and price, addressing them at Main street, Cedar Falls, Iowa. Please mention The Homestead when writing.

POOR MAN'S OPPORTUNITIES IN THE FALFURRIAS COUNTRY.

Below we give the experience of Mr. Peel, who is a resident of the Falfurrias district of the gulf coast country of south Texas. There is unquestionably the finest opportunities for poor men in this district of anywhere in the United States. The example given below is nothing at all unusual. The man who is willing to work in this country cannot fail to make a success because the business men of Falfurrias do everything in their power to see that he does succeed. The following was written on July 10, 1906, at Falfurrias, by Mr. R. W. Peel, to the editor of the local paper: "I was the first one to move to the Copita Prairie, going there December 15, 1905, with household goods and building material. Being a man of small means I had to build my own house and do my own fencing. It being late in the season I had to employ labor for grubbing, for which I paid \$3 for the grubbing of fifty acres. My land was ready for planting March 10th. I planted the following crops: Fifty acres in cotton, three acres in garden truck and feed crops. The cotton seed cost me \$30, which is all the money I spent on the crop, as my son and I have done the cultivation ourselves. This has been an abnormal spring over the entire state of Texas, the season being unusually dry. In spite of this I can now be absolutely sure of a half bale to the acre, and under favorable conditions I expect to make three-fourths of a bale. One-half bale to the acre, at ten cents, is \$25, and three-fourths of a bale would mean \$37.50 an acre. The soil conditions here explain why I have been able to make such a good crop under such unfavorable conditions. Being a sandy loam it holds the moisture remarkably well. During my farming experience in Grayson, Bee, Goliad, Victoria and Uvalde counties (in some instances on as rich, black soil as there is anywhere in Texas) I have never found a soil that holds the moisture so well as this. In the second place, this soil being so rich, the growth of the plant was very rapid from the start. Another important fact about this soil is the ease and cheapness with which it can be cultivated. The sod land that I broke in March now looks like the soil of an old garden." This was Mr. Peel's first year in the coast country, and he had very little money to begin with. Out of the first crop he made sufficient to put him on a cash basis. Since the above letter was written Mr. Peel has realized all his hopes, in regard to crops, etc. He has since built a substantial farm house, paid off all his indebtedness for land and living expenses of his family and has several hundred dollars deposited in the Falfurrias State Bank. This certainly ought to be sufficient evidence to the northern farmers that the gulf coast country is a poor man's country. For further information write the Falfurrias Immigration Company, Kansas City. Read their advertisement on page 19 of this paper.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

Among my happiest memories of Europe are those of Christmas in Germany where Christmas is the great festival of the year. However poor a German family may be, and sometimes this poverty is pathetic, it always has a Christmas tree. A few pfenig (a pfenig is a fourth of one cent) will buy a tiny tree, the decorations for which are carefully treasured from year to year, a few more will purchase a wax taper or two, and so keen is the German's joy in this symbol of Christmas time that though there may be little in the larder there will be a tree in the window on Christmas Eve.

A fortnight before Christmas, in Berlin last year, the platz, or open squares which dot the city, took on the appearance of little forests of evergreen. Load after load of trees, great and small, were deposited, dressed, fitted upon wooden bases, and then fastened by ropes to form avenues. Up and down these avenues, day after day, men and women passed in steady streams examining and bargaining, buying trees, large or small, according to the size of their families or their pocket books. It mattered not how rich or how poor one was, one could be satisfied.

While father and mother were looking after the tree the children might be seen eagerly scanning the windows of the shops which border the platz. These windows glittered even by day light. They were festooned with tinsel and crowded with the paraphernalia which makes the German Christmas tree a dazzling, scintillating, shimmering glory to childish eyes. Every year manufacturers bring out some novelty in the way of Christmas tree decoration, and while the old trimmings are always preserved, in the homes of the well-to-do some additional decoration is usually purchased each year.

Flower shops which are always attractive in Berlin were irresistibly so at Christmas time. Not only are flowers used much more generally and lavishly in Germany than with us, but growing things of all kinds are utilized for decorative purposes. Sprays of autumn leaves, acorn bearing boughs, the hips of haws and wild roses, and the crimson berries of various shrubs and vines, all are sold to florists, who make of them a background for tulips and crocuses in tissue paper covered pots and for cut flowers in baskets and jars. There are flower shops on every block and flower women at every corner all the time, but in December the very pavements were bordered by flower vendors and their wares were so reasonable it was not necessary to resist the temptation to buy. We had so many gifts of flowers on Christmas day that our rooms looked like a conservatory—great bunches of violets and lillies of the valley, clusters of roses

and branches of a gay yellow shrub filled every stem and vase and bowl available, while tables were crowded with pots of blooming bulbs of various kinds.

Early in December the little shops, of which there are an extraordinary number in Berlin, begin preparations for Christmas. The conditori shops display cakes of all kinds from different parts of the empire. Unlike Americans the Germans have no special Christmas cake. Each of at least half a dozen cities have their own cakes, cakes so good that their fame has gone abroad throughout the land. Many of these cakes come under the general description of "Honikuchen," that is, they are sweetened with honey. Many of them are flat, rolled out, in thick oblongs or squares, which are ornamented with designs of almonds, fruit peel or figures in relief made of marzipan. Just what marzipan is I was not able to find out. It seems to be a sort of sweet dough or fondant which lends itself in a surprising manner to modeling and coloring. Passing a shop window you are not imposed upon by a drove of little pigs with their herder all in costume, or a basket of miniature turkeys all skewered and ready for the oven, but you are very likely to be deceived by a heap of oranges half hidden among their leaves, a luscious-looking cluster of transparent grapes, a platter of lamb chops nestling in a bed of parsley or a string of nice, fresh-looking sausages. They are all made from marzipan, and while they are shams, they are greatly relished by persons who have learned to eat the wonderful paste.

Attractive as are the cake and candy shops, the stores which handle small wares, toys, books and cards are even more so. So much is made of the Christmas festival in Germany, toys, etc., are manufactured so cheaply (more's the pity) that dealers lay in a large stock and dress their windows so alluringly that one of the delights of the season is to stroll about, studying shop windows and the crowds which hover about them.

We celebrate Christmas day; the German also says "Froliche Weihnachten" (Merry Christmas) and celebrates not only the 25th of December, but at least one day, and sometimes two days following, but it is "Heilige Nacht" (Christmas Eve) which is the climax—the heart of all the festival for him. On that night the German family assembles and the tree is lighted. Next day there may be guests, but that night is sacred to the family; together it exchanges good wishes and gifts and standing about the shining tree, sings of the Christ Child whose birth the festival celebrates.

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

That man may last, but never lives,
Who much receives, but nothing gives,
Whom none can love, whom none can thank—
Creation's blot, creation's blank.

—Thomas Gibbons.

We starve each other for love's caress;
We take, but we do not give.
It seems so easy some soul to bless,
But we dole the love out grudgingly, less and less.

Thill 'tis bitter and hard to live.

—Selected.

Loving words will cost but little,
Journeying up the hill of life;
But they make the weak and weary
Stronger, braver for the strife.
Do you count them only trifles?
What to earth are sun and rain?
Never was a kind word wasted,
Never was one said in vain.

CHRISTMAS.

Where is the star in the East? We find many symbols and decorations displayed at Christmas time, the holly and mistletoe, the bells, the tree and, above all, Santa Claus, but what has become of the star? Do I mistake or are we saying less and less to the children of the first Christmas day and the Babe in the manger? Is it strange that the little boy in Sunday school, when he was asked who was born on Christmas day, replied, Santa Claus? It seems to me that we are missing a blessed opportunity with the children if we do not make them think of the merry day as the birthday of the Christ child, of the presents as memorials of his gifts. The Santa Claus question may be thus easily settled; they can appreciate him as a pleasant fiction if they keep the reality of the Babe to whom the wise men came. So, amid our wreaths and holly, let us this year hang the star.—Good Housekeeping.

HOLIDAY DAINTIES.

Rich German Waffles—Take two cups of sifted flour, one-half pound of butter heated to a cream, one pint of sweet milk, ten eggs, the yolks and whites well beaten separately; one teaspoonful of salt, two tablespoonfuls of brewer's yeast. Make the batter rather thick. Butter the waffle irons with sweet butter. Bake and serve hot with maple sirup, cream and sugar or powdered sugar and cinnamon.

Raspberry Biscuits—Take one-half pound of sifted flour, three-fourths pound of pulverized sugar and one-half pound of sweet almonds skinned and crushed in a mortar.



Mayer

HONORBILT

SHOES FOR MEN

The highest degree of style, fit and workmanship are embodied in these splendid shoes. There are none that equal them in appearance and wearing quality at the price. They are

BUILT ON HONOR

That's what the name means. That's what a trial will prove. By all means wear "Honorbilt" shoes. Demand them of your dealer—INSIST. Sold everywhere. If you cannot get them write to us.

We also make the "Western Lady," and the "Martha Washington" comfort shoes and a full line of men's, women's and children's shoes. Our trademark is stamped on every sole.

F. Mayer Boot & Shoe Co.,
Milwaukee, Wis.







The Rue Washer Washes.

THE Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 60 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$8 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.

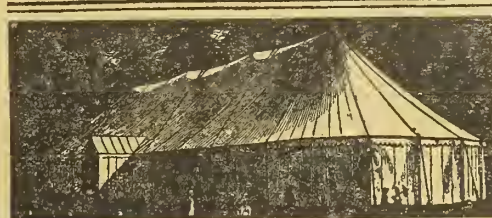


HIDES



10 to 50% more Spot Cash for HIDES and RAW FURS by shipping to us than by selling at home. Fair dealings. Prompt cash returns. Best prices for **HIDES, PELTS, RAW FURS, WOOL, ETC.** Write for Price List, Market Report, shipping tags and how to obtain our Hunters' & Trappers' Guide. We are the most responsible Hide and Fur House in the N. W. Endorsed by 100 leading agricultural papers.

ANDERSON BROS., Department 19. **MINNEAPOLIS, MINN.**



TENTS TO RENT

FOR STOCK SALES, ETC.
MANUFACTURERS of all canvas goods, also Slickerine, a waterproof dressing for all canvas goods.

Peoria Tent & Awning Co.,
Peoria, Illinois.

"Saved 20 Times Its Cost"



"I am writing this," says E.C. Parmelee, Highland, N.J., "by the light of one of your Angle Lamps. In fact, I would not think of using any other light. They are THE lamps. Why, I have saved at least 20 times their cost in oil, kerosene, chimneys and 'cuss words'!"

THE Angle Lamp

is not a mere improvement on the old style lamp, but an entirely new principle of oil lighting which has made kerosene (or coal oil) the most satisfactory of all lighting methods. Safer and more reliable than gasoline or acetylene, yet as convenient to operate as gas or electricity.

The Angle Lamp is lighted and extinguished like gas. May be turned high or without odor. No smoke, no danger. Filled while lighted and without moving. Requires filling but once or twice a week. It floods a room with its beautiful, soft, mellow light that has no equal. **WRITE FOR OUR CATALOGUE "33" and our proposition for a**

30 DAYS FREE TRIAL

Write for our Catalog "33" listing 33 varieties of the Angle Lamp from \$1.80 up, now—before you forget it—before you turn this leaf—for it gives you the benefit of our ten years experience with all lighting methods.

THE ANGLE MFG. CO., 78-80 Murray St., N. Y.

Beat the yolks of six eggs and the whites of four, flavor with some grated lemon rind, and work the whole together into a smooth and stiff paste. Roll the half very thin and cover it with a layer of raspberry jam. Put the balance of the paste on the top; place the whole on a baking sheet in a moderate oven until done. Remove, cover the top with a flavored icing, and cut up into strips about three inches long and one inch wide; then put back in the oven for a few minutes to stiffen the icing. Serve cold. The same recipe holds good with strawberry jam or fine pineapple jam.

For icing or glazing the top of cakes before decorating, dissolve one cupful of granulated sugar in one-fourth cupful of hot water; flavor with essence of vanilla or some orange juice and cook until it threads. Then pour it slowly over the whipped white of an egg, heating the mixture all the time until cool. Spread it evenly on the top of the cake, and when dry, form any fancy design with the candied fruits.

Small Cakes and Decorated Cup Cakes—Use some very light cake paste flavored with vanilla and grated nutmeg. Bake in gem pans, the shape of little cups, well greased around with butter. When done, invert them and cover them with icing. Place on top of each one candied cherry, two pieces of angelica, cut in diamond shape, to imitate the leaves, and a thin strip of angelica to imitate the stem. For variety, the cakes may be decorated with candied violets or candied rose leaves.

Fondant for Candies—Add one cupful of hot water to two cupfuls of granulated, or one pound of loaf sugar, and one-third of a teaspoonful of cream of tartar; place over slow fire and stir until sugar is dissolved; remove spoon, put over quick fire and boil—without stirring or moving dish until a little dropped into ice water makes a soft ball when rolled between the thumb and finger; remove from fire instantly, set in cool, dry place and leave undisturbed until the finger can be held in it comfortably. With a wooden spoon stir until it becomes a thick, creamy mass, and when this becomes difficult, knead with the hands until soft and

smooth. If fondant grains after being stirred, put more water in it; dissolve and cook as before, being very careful not to jar the vessel after sugar is dissolved. Flavor, add nuts, fruits, coloring matter, shape and lay upon oiled paper to dry before packing.

I was passing a "sweet shop" in New York where some beautiful red candy apples on a long stick stem caught my attention. Investigation proved them to be deliciously ripe apples, rather small, stuck on a stick like the lollypops that give the street gamin so much lasting comfort. These apples were then treated to a bath of hot candy colored a brilliant red. The result was a delicious, crispy sweet candy with lusciousness of the natural fruit. It was a happy and surprising combination and exceedingly cheap.

Almonds should always be blanched before using. Shell, then cover with cold water and let them come just to the boiling point, when the skins can be easily slipped off by pressing them between the thumb and forefinger. Throw them in cold water for a few moments to preserve their whiteness. Brown or scorch by putting them into the oven on clean paper spread in a baking pan. Stir them often, to brown evenly.

AMONG OURSELVES.

Never since I assumed the editorship of this Home has there been so great an interest in the young people, either for them or by them, as this fall and winter. I need hardly say that I am highly pleased over the present order of things, that I sincerely trust that this new interest will grow and strengthen. Its doing so rests largely with the young people themselves. If they want the subjects which more nearly concern them to receive attention they must speak out—that is, write to me suggesting topics for discussion or asking questions

which will provoke it. If they do, they may be sure of a hearing. A few weeks ago I told a painful story "With The Editor," impelled thereto by a number of sad letters received latterly. Since then we have heard from several of the friends along the line suggested by the editorial. It or they are responsible for the coming of Mrs. Clare Alexander, who wishes to speak to our girls:

Girls, do not always trust to appearances. Fine feathers do not make fine birds, you know. A young man may be very polite, dress nice, and you will feel honored if he asks you to ride, or to go to places of entertainment with him. But supposing he does not really care for you. He will keep this up until he has won your confidence and trust. Then some evening when you are out with him he will make a proposition which will cause any true and virtuous girl to blush with shame. You then find out he is a wolf in sheep's clothing. Do not under any circumstances allow any liberties. Of course men are not all like this, by any means, but I had just such an experience when a girl about sixteen, which, by the way, is too young for a girl to go in company. He was a young man whom my parents respected and had been my schoolmate. I thank God I had the good sense to repulse his advances, and today am the wife of an honorable man instead of what I might have been.

It will be noticed that Mrs. Alexander agrees with "Bachelor," who addressed us last week in thinking that much evil comes from allowing very young girls to keep company with young men. It is earnestly hoped that if any mother or any young girl in this Home Department is in need of this warning that it will not have been given in vain. It is not pleasant to speak of these things, friends, and as enough has been said to rouse careless parents, to warn innocent girls, and to appeal to the best in young men let us consider the subject closed for the present.

Generally speaking "With the Editor" is something apart from the discussions here. Among Ourselves, but occasionally the things presented there so appeal to our readers that they feel moved to express themselves with regard to them. This happens to be one of the times as will be learned when Mistress Floy takes the floor:

In the issue of November 22d the letter quoted With the Editor brings vivid recollections of by-gone days. The young man I was engaged to would rave if I would talk to or be where any gentlemen were—neighbors or former schoolmates were not to be noticed, only the time of day passed. If we were invited out to spend the evening or a party he would be mad and pout and act ugly and be short with everyone who would speak to him if I would not sit and talk to him the entire evening. It makes one feel miserable and ashamed. When I would leave the city for a few days' visit he would take the opportunity of taking other girls for drives and home from church, and then brag about it. Perhaps if the young man searched himself and cast out all the flaws in himself, that he can see in the girl, and all forms of jealousy—the real foundation of all his trouble—he would see things in quite a different light and be far happier than he ever dreamed one could be. I have been married five years (but not to my jealous friend) and have two bright babies and a true, kind, loving husband without the least spark of jealousy.

By this time the forehanded have their Christmas gifts all planned, if not all prepared. Unfortunately we are not all forehanded. Some of us are still waiting for inspiration, for hints, for experiences from those who are wiser or cleverer than we. These will welcome the advent of Lora Leonard, and Matilda Mohr, and Mrs. F. J. Edwards:

First let me mention books—they are ap-

preciated by nearly everyone. They are not necessarily expensive. I purchase my books by mail at a great saving. Books in white cloth bindings decorated in dainty colors, make beautiful gifts and cost only twenty-six cents postpaid. Many are issued at a smaller price that are just as good, though not so pretty. Give the musician a music cabinet, at a dollar or two, or music, which can be bought for ten cents a copy. A good music roll costs about fifty cents. Lamps, rugs, table linen, silverware and dishes are appreciated by the proud housekeeper. The Perry pictures, at one, two and five cents, make fine gifts, especially if mounted on mat-board, under glass, and bound with passe-partout paper binding. Anyone can "passe-partout" who follows the directions which come with the binding. The cost of pictures, 6x8 inches, will not exceed ten cents; the larger pictures are proportionately more expensive. Those popular yard pictures can be had for ten cents. Booklets and calendars are as cheap as five cents, and the calendars are of use to everyone.

Perhaps there are others far from town who have friends to remember at Christmas time and have some natural resources, too. For friends whom I simply care to remember I tie two prairie chicken or quail wings together with a bright ribbon on which is fastened my calling card with a little rhyme something like this:

"On wings of love to you I fly,
Accept this simple token;
May Bountiful your wants supply,
And love remain unbroken."
For a gentleman friend I have the scalp and ears of a jack rabbit and with them I send a card like this:
"May your joys be as long as these ears,
Your sorrows as light as the down."
To a jolly uncle I send one of the large feet of said rabbit for "good luck," and say this:

"Here's 'Good Luck' to you always,
May health be yours still many days."
A friend in Michigan sent me a roll of birch bark and I have made many things from it. Pin cushions made by pasting birch on thin pasteboard cut as large round as your ink bottle, with sheet baton scented and placed between, then buttonholed long and short stitch together with coarse fancy silk thread and a narrow ribbon bow attached for a hanger are pretty. Write some simple rhyme with ink on the bark and stick in a few pins. Another trifle can be made by pasting the bark on the pasteboard from the back of a tablet—always press dry when you paste the bark on by placing under something heavy—and paint some daisies, or red clover, or brown-eyed Susans at the bottom and write a quotation from Hiawatha's Sailing at the top. This would also be a nice background for a calendar. For your reading friend make a book mark. From your stationer get a large sheet of paper about the weight of a calling card, cut out carefully in small designs stars, diamonds, hearts, palettes, etc., about two inches in diameter, and on each side of each write a quotation from some noted author, giving author's name. Now take a piece of the paper about a half inch wide and four inches long, and write on it: "This is to be placed between the back and the binding," and with a leather punch cut a hole in this piece and on each of the other pieces to be fastened to it—no more than three for one mark—and fasten all together with narrow bright baby ribbon. When the long strip is in place the other marks can be placed at will where they are desired. Never make a bulky present to anyone unless you know they are permanently located and really want it. Remember that a simple token tastefully wrapped in fancy paper and tied with narrow ribbon will show more love and respect than something more costly, bunglingly given. If one has money, a piece of jewelry, a silver thimble to a woman, a field glass for papa or big brother, or a fancy spur and rosettes for little brother's pony would be nice.—Matilda Mohr.

Not quite two weeks and a half till Christmas, and I expect you are all just as busy as I am. Would some of you like to peep into my Christmas box this afternoon? I perhaps will not be able to give you any hints that will be of any use this Christmas tide, but then useful articles are always acceptable and I always try to choose something that will be of use to the recipient. Being a great lover of fancy work I love to make a number of my presents. It not only enhances the value of the gift in that it shows the loving thought the giver bestows along with the gift, but it is easier on the purse and I am one of those fortunate (?) ones who are not burdened with many shekels. First here is a sofa pillow cover



Hey! Santa, where's that
STEVENS
Don't disappoint the boy at Christmas-time—buy him a rifle or shotgun and teach him how to use it properly. Tempt him to a fresh-air life. Let him feel the wholesome influence of the finest sport in the world. Train his eye and steady his hand before a target or make his blood run faster in the hunt for game.

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"Stevens-Maynard, Jr." \$3 "Little Krag" - - - \$5
"Favorite No. 17" - - \$6

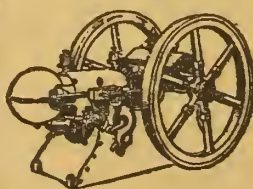
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KANSAS CITY HAY PRESS CO., 126 Mill St., Kansas City, Mo.

made from a fancy handkerchief, the handkerchief being cut in fourths and joined through the center with lace heading, blue baby ribbon is run in the heading to match the color in the handkerchief, it being a flowered handkerchief. The back and ruffle are made of Indian linen, ruffle edged with narrow lace; cost of the whole, twenty cents, as the linen was some I already had on hand, but the pillow is dainty enough for any drawing room. This is a lap pad crocheted of the softest white Shetland flax in shell stitch lined with pink outing flannel, edged with a row of shells edged with pink silks. Between the lining and the outside is placed a piece of table oilcloth; one end is left open, or rather just basted together, so the oilcloth can be slipped out when it needs washing. Fifteen by twenty inches makes a nice size. This will delight the heart of the mother with a lap or put in the bottom of the cab and prevent the pillow or dress from being soiled. Cost of pad, thirty cents. These are slumber slippers. I did not make these, as I found that I could buy them cheaper and better than I could make them, but to those friends who suffer with cold feet at night they are truly a boon and so cheap—two pair for twenty-five cents. I would like to tell you where I got them, but that would savor of free advertising, but will just say they are advertised in a number of the leading household papers. For one who loves to do fancy work this apron will make an acceptable gift. It is made like the little round aprons worn so much, but a pocket as large as the whole apron extending over half way from the bottom up is added. The outer edge of the apron and edge of pocket are edged with a lace with a heading in the center. Blue baby ribbon is run in the heading and a band of inch wide blue ribbon with a bow and loops at side completes this dainty affair. One and one-fourth yards of Indian linen was used to make it, together with three yards lace, three yards baby ribbon, one yard wide ribbon; cost of whole, thirty-five cents. When one is called from some dainty fancy work in a hurry it is easy to drop the work in the pocket and lay aside the apron, and it keeps the work clean. This

other apron is made from the same pattern, but without the pocket; is finished with a ruffle edged with narrow lace; cost about twenty-five cents and will be useful to the mother whose numerous little brood keeps her hands so occupied that she has no time for fancy work, much as she admires dainty things. Handkerchiefs? Yes. No Christmas box would be complete without an assortment of handkerchiefs, both dainty and useful. One has a heading of lace joining a ruffle of footing to the linen center. The footing is edged with fine tatting. This one has a border of drawn work and a tatting edge. Two more have lace and heading for an edge. The cost of all was not over fifteen cents, as much of the material was scraps on hand. These doilies are for the busy housekeeper who has no time to fashion dainty things. This one embroidered in a bold design will always be a reminder of the "Yule tide." This little round one with a wide border of tatting will last, almost, "for aye," and this little square one has a border of drawn work and a narrow tatting edge. These protection collars, while they may not protect from either dirt or cold, will help make an otherwise plain waist look quite dressy. One is made of tatting, one of honiton lace and another of cream colored silk Battenburg. These and the doilies cost simply nothing only time and patience, as the scraps of lace were some left at some other time, and is so little one can hardly compute the cost. A hanging pocket having a center pocket and eight small pockets around it is useful to hang near the sewing table or sewing machine. This one is made from cretonne lined with pink cambric. Cut four circles fourteen inches in diameter, two of cretonne and two of cambric, sew them together so the cambric shall be as a lining for each one. Now cut a small circle of cardboard about three inches in diameter. Place this exactly in the center of the two larger circles, placing the pink sides of the machine stitch close around the small circle, divide the outer part of the larger circles into eight equal parts and stitch from the center circle to the outside. To each little pocket of the topmost circle sew small brass

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Laundry soap is made to take dirt out of clothes. It is coarse and harsh. For shaving you need a soap made just for shaving, mild, healing and softening. The only real shaving soap is Williams' Shaving Soap. It makes shaving a luxury.

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Dept. A, Glastonbury, Conn.



rings. Through each two rings put pink baby ribbon and fasten all the ends together with a bow to hang it up by. It will fall into shape as one large pocket and eight small ones, and will be very useful to put thread, thimbles, etc., in. This costs less than ten cents. By using nice material it can be made so it will cost more, but be no more useful. And these are Christmas stockings. Christmas would not be Christmas to the little folks without the hanging of the stockings, and these Santa will be sure to see. They are made of outing flannel, pink on one side, white on the other. The pink side has the bottom of the foot white and a white cap at the top, while the white side has pink. They are feather stitched with pink and white silks and trimmed with bows of pink baby ribbon with ribbons to hang it up by at the top. There should be little bells on the bottom. Altogether they are a very elaborate stocking and sure to delight the little ones when on Christmas eve the time for the hanging of the stockings comes. If one is going to send them away be sure to send them so the children will have them for Christmas eve. The cost of these are about five cents each.—No Name.

Dressmaking and Millinery—No. 547.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] Just now when everybody's thoughts are turning to Christmas things I think we will have to follow the fashion and let our column for this week at least become a veritable "toyland." For this purpose I have selected three designs that illustrate things that may be made at home, ready to be placed among the Christmas gifts, or patterns for these may be ordered and put among these things so that the recipient may use them in making for herself, according to the time that may be at the disposal of the busy mother who has at heart and upon her hands the planning and providing for the pleasure of the family.

No. 5508 pictures a kimono such as should be in every up-to-date doll's wardrobe, and by studying the illustration you will see that the pattern provides for making this garment



[5508 Doll's Long or Short Kimono, 18, 22 and 26 Inches in Length.]

in either of the two lengths, as it is marked for short length, although cut in full length. There are so many scraps of pretty materials in almost any piece of rag, and these may be used in making such doll garments. Pieces of lawns, flowered or plain, in white or in some of the dainty colors, work up nicely, giving practice in fashioning such things to the wee fingers, that will serve them to good purpose later on when larger wardrobes are to be looked after. Help from the older ones in selecting and combining materials and colors will aid in cultivating taste and judgment. The kimono is made with yoke, fronts and back, and the full portions may be shirred and arranged to cover the yoke foundation, or to make the matter simpler the top may be cut off on the shirring lines, and be simply gathered and joined to the plain yoke. If the latter mode is adopted a fancy yoke of lace or other material may be used, or banding of some sort may be used about the edge of the yoke as we often use in making kimono for ourselves. The banding used about the neck and fronts of the garment, as well as on the sleeves, is usually of plain material matching the color seen in the flower of the garment fabric when such is used, or it may be of white on a colored garment, or of a color on a white

garment. In fact the "mama" must help the "girlie" plan for all this as she would for herself. Now you will note that No. 5508 is cut in sizes for dolls that measure 18, 22 and 26 inches in height. Be sure to give the size of the doll when ordering the pattern.

A toy that is finding much favor among the Christmas preparations is the "Teddy



[5519 "Teddy" Bear, 12, 16 and 20 Inches High.]

Bear" that is so simple and yet so real that it is worth while trying one. The pattern is No. 5519, and consists of a body portion, to which the legs, arms and head are attached, all being stuffed with cotton batting. Materials for making the little animal are found in plush of the long silky nap kind, or the "bear skin" cloaking is preferable. White is a favorite, but brown or black will bear more usage without showing soil, and therefore to be recommended for hard usage. Instructions for making are on the pattern envelope, and they are very sim-

ple. Patterns are cut in sizes for bears 12, 16 and 20 inches high. Give the size wanted when ordering.

Brum, or as he is called "Teddy Bear," looks just too cute when dressed in a costume that has been invented for his special adornment, and the pattern for this suit is No. 5531 shown herewith. It consists of a blouse shirt and overalls, these being cut in sizes for the bear in either of the sizes in which the pattern for him is cut. The overalls look most like the real thing when fashioned of materials in the colors in which



[5531 Blouse Shirt and Overalls for "Teddy" Bear, 12, 16 and 20 Inches Long.]

such garments are usually made, although a lighter weight cloth may be used. The shirt may be of white or any other color liked, or at hand. Pattern No. 5531 is cut in sizes for bears that measure 12, 16 and 20 inches in height. Give size desired when ordering the pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair. —Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson XI. Matt. XXVIII, 1-15, December 16, 1906.

Jesus Risen From the Dead.

When the facile pen of Charles Dickens dropped from his hand in the midst of the writing of his "Mystery of Edwin Drood," a sensation of regret was felt by his admirers that he had left a story half told. Had the evangelists laid down their pens before narrating the resurrection, it would not have been a passing sensation of regret, but the universal human heart would have been torn asunder between faith and doubt. There is so much upon the sacred page to indicate Divinity, but the glorious seal to it would be lacking. The unfinished Mystery of Jesus Christ would have plunged each succeeding generation of readers into grief and despair. The lament of the disciples on the way to Emmaus would have been the world's refrain: "We thought it had been He who should have redeemed us. But how can an unrisen Savior save?"

With joy and confidence we turn then to the fourfold narrative of the resurrection. No unfinished mystery is here. That last event essential to the symmetry of the Divine Person is told with incontestable truth. Each evangelist, from his own point of view, narrates the sublime event independently of the rest. What one lacks, the others supply. Each gives some minor touch caught upon the sensitive plate of his own individuality. So from the four pencils groweth the ever-living picture of the soul—the rising Christ! From the four Gospels the circumstantial evidences of the resurrection of Jesus may be gleaned and arranged as follows:

I. Reality of Jesus' Death. Insured by (1) Discipline of Roman soldiers. (2) Malice of enemies. (3) Centurion's report. Hence the reappearance of Jesus not the result of recovery from swoon.

II. Jesus' Tomb Empty on Third Day. Fact admitted by friend and foe. Mistake impossible; one body only in tomb.

(1) Body not taken by enemies. No object in removing it, or could have refuted story of resurrection by reproducing body. (2) Body not taken by friends. Proved by their transparent ingenuousness. (3) Body could not have been taken by anyone. (a) Because of discipline of Roman soldiers. (b) Because of position of grave cloths. Q. E. D.—Christ arose of His own will and power. No event of human history is more completely verified, more incontestably authenticated, than the resurrection of Jesus from the tomb of Joseph of Arimathea, in the garden near to Calvary. If that circumstance, as related by the evangelists, can be impeached, then any page of history can be impeached by the same methods.

In this circumstantial narrative—full

of incidents that at first glance seem trivial, but soon appear each in its proper place—an irrefragable link in the mightiest chain of evidence ever forged, it is as if one hears the Master's voice to His doubting disciples in each generation: "Reach hither thy finger, and behold My hands; and reach hither thy hand, and thrust it into My side, and be not faithless, but believing."

Analysis and Key.

1. If Christ had not risen, seal to His Divinity would be lacking. His story would have been unfinished. Universal human heart torn between faith and doubt. 2. Christ is Risen! Twofold narrative. 3. The irrefragable chain of evidence. 4. The last event essential to the symmetry of the Divine person historically verified.

The Teacher's Lantern.

The absolute ingenuousness of the apostolic company is manifest in the women's errand. They were no party to the opening of the tomb or removal of the body. What they had in their hands was striking and material testimony of their unfeigned openness. They came to minister to the dead, to complete embalment. Their perplexity and grief at finding the tomb apparently rifled completes the evidence of their candor and truth.

The evidence of the ingenuousness of the apostles themselves is equally strong. The women's report seemed idle talk. They are not inclined to receive it; rather the contrary. In the Iliad of woes attendant upon the crucifixion they had forgotten Jesus' assurance that He would rise the third day. If remembered, a spiritual significance was attached to it. Here was no hasty and credulous acceptance of an agreeable hypothesis. It required repeated assurances, under the greatest possible variety of conditions, to establish the fact of the resurrection in the apostles' minds.

The testimony of such witnesses, given under conditions like these, and of record in form, the authenticity and genuineness, which is unimpeachable, has had overwhelming weight in each generation, and as widely as published.

The resurrection of Jesus is the confessed corner-stone of the Christian system. If He be not risen, it is built upon a lie; faith is vain; apostles are false witnesses; spiritual resurrection of the soul from the deadness of sin is an illusion; the resurrection of the body a mockery, those who died in the false hope are annihilated.

"But!"—thank God for that strong and inspired adversative of the master logician!—"He is risen!" The fact re-

mains! That, too, after two millenniums of criticism.

On the diamond pivot of that blessed conjunction "but" the whole case swings the other way. Preaching is the power of God; faith is effectual; apostles are true witnesses; the spiritual resurrection of the soul from sin is assured. Christ is the first sheaf of the universal resurrection harvest.

There was nothing preternatural in the personal appearance of Jesus in the forty days after His resurrection. His countenance was not like lightning nor His raiment white as snow. He was mistaken for a gardener, and later as a common traveler. There was a sweet "humanness" in His words as well. He uttered Mary's name with a familiar accent. He called the disciples "My brethren." He appointed free-and-easy Galilee as the place of rendezvous. Even the salutation "All hail!" which in our version seems so majestic, is really just the common and happy greeting of friends.

Faith in the resurrection of Jesus is inseparable from the Scriptures. Cut off from them it withers as the branch severed from the vine. No amount of watering serves to keep it alive. Neglect of the Bible, indifference to it, or contempt of it, is the fruitful cause of unbelief.

We still need the double opening of the Scriptures to our understanding, and of our understanding to the Scriptures; to find the event corresponded to the prediction, as the tenon to the mortise, "Thus it is written" that Christ should rise.

Only the resurrection adequately accounts for Christianity. It has been said that it is more rational to believe the system founded upon a miracle than upon a lie. Farrar affirms, a conscious falsehood could never have had the power to convince the disbelief and regenerate the morality of the world.

Dogmatism and categorical statements concerning the nature of the resurrection body of Jesus, and of believers in general, had better be avoided. Exact description, minute definition, are unnecessary, dangerous, and entangling. Paul affirms in general terms that the resurrection body shall be incorruptible, glorious, powerful, spiritual. That suffices.

A TOOL CABINET FOR THE HOME.

The reason ordinary home tools become nicked and battered sooner than shop tools of equal quality is because they are not properly kept.

The best tools will be ruined in a short time if they are thrown in with others. Each tool should have a place of its own so that it will not come in contact with another.

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The cabinet itself is made of natural oak, beautifully finished and polished, and the tools are the very best that are made.

The Keen Kutter Tool Cabinet is the only one made which contains a set of trade-marked and guaranteed tools, the only one that can be bought without risk. If anything goes wrong with any tool, it will either be replaced or money refunded.

Keen Kutter Tool Cabinets and Tool Boxes come in different sizes and contain various assortments of tools, ranging in price from \$7.50 to \$100.00.

These Cabinets contain in different numbers and varieties, Saws, Brace, Bits, Chisels, Drills, Gimlets, Brad Awls, Scratch Awls, Planes, Hammers, Hatchet, Files, Pliers, Drawing-knife, Screwdrivers, Wrenches, Nail-set, Reamer, Rules, Squares, Tape, Measure, Level, and many accessories, such as Vise, Clamps, Gilstone, etc.

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THE INTERNATIONAL EXPOSITION.

(Continued from page 14.)

and second to George McKerrrow & Sons, Pewaukee, Wis.

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Class 27—Champion ewe: Awarded to Geo. McKerrrow & Sons.

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Class 30—Ram lambs under one year: First to Renk Bros.; second to George Cavan, London, England.

Class 31—Ewe one year and under two: First and second to Telfer Bros.

Class 32—Ewe lambs under one year: First to Telfer Bros.; second to Renk Bros.

Class 33—Flock, consisting of one ram one year or over, two yearling ewes and two ewe lambs: First to Telfer Bros.; second to Renk Bros.

Class 34—Four lambs of either sex, the get of one sire: First to Telfer Bros.; second to Freeborn Bros.

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Class 36—Champion ewe: Awarded to Freeborn Bros.

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Class 39—Ram lamb under one year: First to John Kivlin; second to John R. Nash, Tip-ton, Ind.

Class 40—Ewe one year and under two: First and second to John Kivlin, Brooklyn, Wis.

Class 41—Ewe lamb under one year: First to John R. Nash; second to R. H. Harding, Thorndale, Wis.

Class 42—Flock, to consist of one ram one year or over, two yearling ewes and two ewe lambs: First to John Kivlin; second to R. H. Harding.

Class 43—Four lambs of either sex, the get of one sire: First to R. H. Harding; second to John R. Nash.

Class 44—Champion ram: Awarded to John Kivlin.

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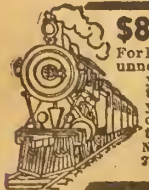
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Class 49—Ewe one year and under two: Awarded to G. W. Parnell.

Class 50—Ewe lamb under one year: First to G. W. Parnell.

Class 51—Flock consisting of one ram one year or over, two yearling ewes and two ewe lambs: First to G. W. Parnell.

Class 52—Four lambs of either sex, the get of one sire: First to G. W. Parnell.

Class 53—Champion ram: Awarded to John Kivlin.

Class 54—Champion ewe: Awarded to G. W. Parnell.

COTSWOLDS.

Class 55—Ram two years or over: First to F. W. Harding, Waukesha, Wis.; second and third to E. F. Park, Burgessville, Ont.

Class 56—Ram one year and under two: First to F. W. Harding; second to J. C. Ross, Jarvis, Ont.; third to Lewis Bros., Camp Point, Ill.

Class 57—Ram lambs under one year: First to Lewis Bros.; second and third to J. C. Ross.

Class 58—Ewe one year and under two: First and second to J. C. Ross; third to Lewis Bros.

Class 59—Ewe lamb under one year: First to F. W. Harding; second and third to J. C. Ross.

Class 60—Flock, consisting of one ram one year or over, two yearling ewes and two ewe lambs: First to J. C. Ross; second to F. W. Harding; third to E. F. Park.

LINCOLNS.

Class 61—Ram two years or over: First to J. H. Patrick, Ilderton, Ont.

Class 62—Ram one year and under two: First to J. T. Gibson, Denfield, Ont.; second to J. H. Patrick.

Class 63—Ram lamb under one year: First to J. T. Gibson.

Class 64—Ewe one year and under two: First to J. T. Gibson.

Class 65—Flock, consisting of one ram one year or over, two yearling ewes and two ewe lambs: First to J. T. Gibson.

Class 66—Four lambs of either sex, the get of one ram: First to J. H. Patrick.

Class 67—Champion ram: Awarded to J. H. Patrick.

Class 68—Champion ewe: Awarded to J. T. Gibson.

Breeding Special Lincoln A—Best exhibit of rams any age: Awarded to J. H. Patrick.

Breeding Special Lincoln B—Best exhibit of ewes any age: Awarded to J. H. Patrick.

LEICESTERS.

Class 73—Ram two years or over: First to Hastings Bros., Crosshill, Ont.

Class 74—Ram one year and under two: First to Hastings Bros.

Class 75—Ram lamb under one year: First to Hastings Bros.

Class 76—Ewe one year and under two: First to Hastings Bros.

Class 77—Ewe lamb under one year: First to Hastings Bros.

Class 78—Flock, consisting of one ram one year or over, two yearling ewes and two ewe lambs: First to Hastings Bros.

Class 79—Four lambs of either sex, the get of one ram: First to Hastings Bros.

Class 80—Champion ram: Awarded to Hastings Bros.

Class 81—Champion ewe: Awarded to Hastings Bros.

FAT SHEEP.

SHROPSHIRE.

Wether One Year and Under Two—First to R. J. Stone; second to University of Wisconsin; third to John Kivlin, Brooklyn, Wis.

Wether Lamb—First and third to John Campbell, Woodville, Ont.; second to University of Wisconsin.

Pen of Five Wether Lambs—First to John Campbell; second to University of Wisconsin; third to Lloyd-Jones Bros., Burford, Ont.

SOUTHDOWNS.

Wether One Year and Under Two—First and third to Sir George Drummond, Beaconsfield, Que.; second to Telfer Bros., Paris, Ont.

Wether Lamb—First and second to Sir George Drummond; third to Telfer Bros.

Pen of Five Wether Lambs—First to Sir George Drummond; second to University of Wisconsin.

Champion Wether—Awarded to Sir George Drummond.

OXFORD DOWNS.

Wether One Year and Under Two—First to Iowa State College; second to W. E. Wright, Glanworth, Ont.; third to R. J. Stone, Stonington, Ill.

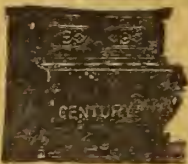
Wether Lamb—First to J. W. Lee & Sons.

PIANOS, ORGANS AND SEWING MACHINES ON FREE TRIAL!!!

ELEGANT CENTURY UPRIGHT PIANO, \$125. Warranted 25 years; sent on free trial!
ELEGANT PARLOR ORGANS, \$25 UP. Warranted 25 years; sent on free trial.
ELEGANT CENTURY SEWING MACHINES, BALL-BEARING, \$13. Warranted 25 years; sent on free trial. CASH OR EASY MONTHLY PAYMENTS.



We trust honest people located in all parts of the world.



Direct from factory to homes at factory prices.



WRITE FOR FREE CATALOGUE.

CENTURY MFG CO. DEPT 702

East St. Louis, Ill.

A SWEET CHESTNUT TREE



To get this valuable "Blizzard Belt" Chestnut quickly introduced and at same time gain new friends, we offer to send a Hardy Sweet Chestnut tree 1 year old, entirely Free to a limited number of property owners not already our customers. Mailing expense sets which send or not as you please. A postal will bring the tree. Our Catalog containing 64 colored plates of our "Blizzard Belt" Fruits, Ornaments, Evergreens, etc., and a mine of valuable information for fruit-growers is free. Write today. The Gardner Nursery Company, Box 708, Osage, Iowa.

Simcoe, Ont.; second and third to R. J. Stone.

Pen of Five Wethers—First and second to R. J. Stone.

Champion Wether—Awarded to R. J. Stone.

HAMPSHIRE.

Wether One Year and Under Two—First and second to Telfer Bros., Paris, Ont.; third to University of Wisconsin.

Wether Lamb—First, second and third to George Cavan, London, England.

Pen of Five Wether Lambs—First to George Cavan; second to Freeborn Bros., Denfield, Ont.

Champion Wether—Awarded to George Cavan.

DORSETS.

Wether One Year and Under Two—First to J. B. Henderson, Burgettstown, Pa.; second to R. H. Harding, Thorndale, Ont.; third to Hastings Bros., Crosshill, Ont.

Wether Lamb—First and second to R. H. Harding; third to Hastings Bros.

Pen of Five Wether Lambs—First to R. H. Harding.

Champion Wether—Awarded to J. B. Henderson.

CHEVIOTS.

Wether One Year and Under Two—First, University of Wisconsin.

Wether Lamb—First to G. W. Parnell, Wingate, Ont.; second and third to University of Wisconsin.

Pen of Five Wether Lambs—First to University of Wisconsin; second to G. W. Parnell.

Champion Wether—Awarded to University of Wisconsin.

LINCOLNS.

Wether One Year and Under Two—First to L. Parkinson, Eramosa, Ont.; second to J. T. Gibson, Denfield, Ont.; third to J. H. Patrick, Ilderton, Ont.

Wether Lamb—First and second to J. T. Gibson; third to L. Parkinson.

Pen of Five Wether Lambs—First to J. T. Gibson; second to J. H. Patrick; third to L. Parkinson.

Champion Wether—J. T. Gibson.

COTSWOLDS.

Wether One Year and Under Two—First to J. C. Ross, Jarvis, Ont.

Wether Lamb—First, second and third to J. C. Ross.

Champion Wether—Awarded to J. C. Ross.

MEDIUM WOOL OR DOWN TYPES.

Class 127—Wether one year and under two: First and third to John Campbell, Woodville, Ont.; second, fourth and fifth to University of Wisconsin, Madison, Wis.

Class 128—Wether lamb: First to John Campbell; second to University of Wisconsin; third to R. J. Stone, Stonington, Ill.

Class 129—Pen of five wethers one year old



Jewell Seeds and Trees

Have been planted since 1868. Always reliable. Most complete line of hardy stock in the U. S. Five catalogs. The Jewell Nurseries, Box 16, Lake City, Minn.

WANTED--A BRIGHT MAN with high

experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Ten Co., Box X, Winona, Minnesota.

SALESMEN WANTED to introduce Burbank's wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

CLOVER

Send samples of Clover, Buckwheat and other field seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.

and under two: First to University of Wisconsin; second to R. J. Stone.

Class 130—Pen of five wether lambs: First to R. J. Stone; second to University of Wisconsin; third to John Campbell.

Class 131—Champion wether: Awarded to John Campbell.

LONG WOOL TYPES.

Class 132—Wether one year and under two: First and second to J. T. Gibson, Denfield, Ont.; third to Hastings Bros., Crosshill, Ont.

Class 133—Wether lamb: First to J. T. Gibson, Denfield, Ont.; second and third to Hastings Bros., Crosshill, Ont.

Class 134—Pen of five wethers one year and under two: First to J. H. Patrick, Ilderton, Ont.; second to J. T. Gibson; third to Hastings Bros.

Class 135—Pen of five wether lambs: First to J. T. Gibson; second to Hastings Bros.; third to J. H. Patrick.

Class 136—Champion wether: Awarded to J. T. Gibson.

Class 137—Grand champion wether under two years: Awarded to George Drummond, Beaconsfield, Que.

Class 138—Reserve to grand champion: Awarded to J. T. Gibson, Denfield, Ont.

SHROPSHIRE.

Shropshire Special A—Wether one year and under two: First to J. Campbell, Woodville, Ont.; second to University of Wisconsin, Madison, Wis.

Shropshire Special B—Wether lamb: First to J. Campbell, Woodville, Ont.; second to University of Wisconsin, Madison, Wis.

Shropshire Special C—First to John Campbell; second to R. J. Stone, Stonington, Ill.; third to University of Wisconsin; fourth to Lloyd-Jones Bros., Burford, Ont.

Shropshire Special D—Champion wether in above classes: Awarded to John Campbell.

CARLOAD LOTS.

NATIVE SHEEP.

(Bred east of 98 degrees longitude.) Class 142—Carload (not less than fifty head) of wethers one year and under two: First to G. B. Conley, Marshall, Mich.

Class 143—Carload (not less than fifty head) of lambs: First to G. B. Conley.

RANGE SHEEP.

(Bred and dropped west of 98 degrees longitude.) Class 144—Carload (not less than fifty head) of wethers two years or over: First to A. J. Knollin, Rochelle, Ill.

Class 145—Carload (not less than fifty head) of wethers one year and under two: First to Knollin & Stone, Stonington, Ill.

CHAMPION CARLOAD OF SHEEP.

Class 147—Champion carload of sheep: Awarded to George Conley, Marshall, Mich.

THE KNOLLIN SHEEP COMMISSION COMPANY SPECIALS.

For best carload of native lambs: Awarded to Knollin & Stone, Stonington, Ill.

For best carload of western lambs: Awarded to Knollin & Stone.

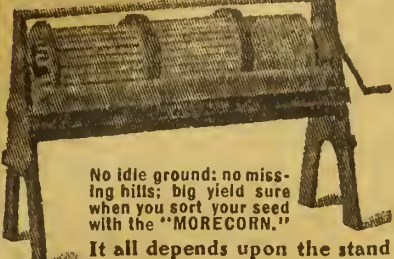
Champion carload of lambs of show: Awarded to Knollin & Stone.



Unloading the first car of watermelons shipped in the United States, season 1906. Raised on one acre of ground; sold at \$400. Sent from Fairfurlas, Texas, to El Paso, May 25th.

MORE CORN MONEY

INCREASE YOUR CORN PROFIT
By Planting Sorted Corn.



No idle ground; no missing hills; big yield sure when you sort your seed with the "MORECORN."

It all depends upon the stand

The use of this machine will make you more money next season than any machine on your farm.

All you have to do is to make sure of a perfect stand—get a uniform number of kernels in every hill. We manufacture the ONLY machine that will sort your seed corn so evenly that your planter must drop a given number of kernels every time. The "Morecorn" is a rotary motion. No flat sieves in it; no choking; nothing to be adjusted by you. It is ready to operate the minute you receive it. A child can operate it. The "Morecorn" does the work. Thousands of corn growers have sorted seed corn so perfectly that an edge drop planter dropped 99% perfect three kernels at each drop. Get your corn fields planted like that next year and you will get the biggest crop of corn you ever raised. You can do it if you sort your seed corn with the "Morecorn" Sorter.

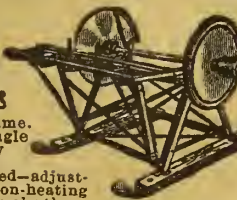
Farmers who used the "Morecorn" this year have the biggest crop of corn they ever raised. You can get the biggest crop you ever raised by using the "Morecorn" next year. No planter ever has or ever will be made that can drop an even number of kernels at a drop without the kernels being uniform in size. You cannot get uniform kernels without sorting your corn.

All the corn growers are now ordering the "Morecorn." We are shipping daily. Don't wait till spring. Get your order to us now.

THE MONARCH SELF-FEEDER CO.,
95 MAIN ST., CEDAR FALLS, IOWA

You never saw a
saw which saws
like this saw saws

and lasts so long a time.
Frame of heavy angle
steel, 4 by 4 by 1/2
braced—absolutely
no shake. Patented—adjust-
able, dust-proof, non-heating
oil boxes, etc. We make these



Appleton Wood Saws

in 6 styles—strong, simple, safe and successful—and we make a 4-wheel, mounting for wood saws and gasoline engines which is unequalled for convenience and durability. Saw your own wood and save time, coal and money—then saw your neighbors' wood and make \$5 to \$15 a day. We make the celebrated

HERO FRICTION FEED DRAG SAW
nothing like it—no other so good. Also feed grinders, shellers, fodder cutters, huskers, manure spreaders, farm trucks, windmills, etc., all guaranteed full Appleton Quality. Catalog free for the asking. Ask for it now.

APPLETON MANUFACTURING CO.
39 Fargo Street Batavia, Ill., U. S. A.

BIG FARM PAPER A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$20,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people, its circulation reaching every state in the Union. Address with stamp Valley Farmer, 675 Jackson street, Topeka, Kan.

THE POWERS

Well Boring Machine

Bores 100 ft. in 10 hrs. Goes easily through frozen ground. A team of horses pulls it from place to place, and also furnishes power to operate. One man runs the machine alone, the auger drops through center of platform. 18 years use have proven this the lightest draft, the fastest and most economical to operate of any machine sold. Easy terms. Write for catalog.

LISLE MFG. CO.
Box 26, Clarinda, Ia.

AGENTS For Mend-a-Rip

Wanted

Greatly improved. Better than ever. Does all kinds of light and heavy stitching. Saves its cost many times a year. A perfect Hand Sewing Machine and Riveter combined. Notice the Automatic Spacer which makes neat, even stitching. To show it means a sale. Agents make \$3 to \$15 a day. One agent made \$20 first day and writes to hurry machines to him. Write for special price. J. B. Foote Foundry Co. Dep. 433 Fredericktown, O (The Great Agents Supply House)

Earn \$150 per Month.

RELIABLE man with a rig and \$100 can start a clean, legitimate business for himself selling our well advertised Tonic Stock Food at \$3.50 per 100 lbs. (about one-third other brands.) Every sale makes a regular customer. We want only one man in a neighborhood, so write at once before territory is taken by someone else. Learn of our reliability by inclosing stamped envelope to First National Bank, Elgin, Ill.

TONIC STOCK FOOD CO., Box 4, ELGIN, ILL.

The Week in Kansas.

To the Editor of The Homestead:

Since Thanksgiving the weather has given us more to be thankful for than that day of feasting. It has been a return to the old Kansas brand of sunshiney days, moonlight nights and drying, southwest winds. This is again Kansas, and we're glad to be here.

All day Thanksgiving the rain came tumbling down. It kept many from assembling in the usual family reunions of that day, but, all the worse, it kept the belated corn huskers out of the fields. Until today, there has been little done in the corn fields since a week ago. A few tried it yesterday, but the mud was still too deep to pull out much of a load. Today, with the southwest wind blowing all night, it is some better, and about all with corn yet to husk are in the fields husking it. All we ask now is a continuance of this weather for a few days, when the work of the season will be well along. Another storm soon might mean an all-winter's job of a little left to do.

On account of the roads, there has been little hauling done, yet the usual number hurried out with their four horses and cut the grades into ruts, close by the towns. It does beat all how some seem determined to haul over roads when the best of grades are cut into ruts, making it disagreeable traveling for days after the road not abused is smooth and fine. There ought to be a law compelling people to keep off the roads with anything more than a thousand-pound load while the grades are in shape to be cut into ruts.

Grain prices continue about the same at the shipping points, but some of the heavier cattle feeders have been compelled to spring the price a little, mostly because of the difficulty of getting enough during the bad weather to keep their stock up to the full feed. Stock, too, has been doing poorly during the rainy, nasty weather of the past two weeks. We fail to realize what dry yards and weather means to us, until there comes a time when everything is mud or water-soaked.

This evening everything bids fair to remain fair for some days. There is scarcely a cloud in sight, with warm, spring-like breeze blowing from the southwest. However, how soon all will be changed cannot be told at this season of the year. It is the season when the weather cannot be depended upon one day ahead. We can, though, enjoy the fine weather that does come, without worrying about the storm that may not come. Henry Hatch.

FROST-PROOF GASOLINE ENGINES.
At last an engine that will not freeze up in cold weather. It is something of a marvel where all the thousands of gasoline engines are going that are being manufactured. It is but a short time since gasoline engines were practically unknown. Now, there are scores of manufacturers at work, and the entire output is being sold. This proves conclusively that there was an urgent need for a convenient, safe and reliable small power, and particularly such a one as would be suited to farmers' needs. The mention of powers for farm use naturally calls to mind the excellent line of gasoline engines that is being manufactured by the Fuller & Johnson Manufacturing Co., of Madison, Wis. For half a century these people have been manufacturers of high-grade farm implements. Their line is well known to our readers. Five years ago they began the manufacture of a gasoline engine. They went at it with the determination that their engine, like the celebrated Fuller & Johnson implements, should have no superior. The result is the famous "Frost-Proof" engines for farm use with which every farmer and user of

Monarch of Shadeland 10th 207387.

Calved Oct. 23, 1903. Bred by W. N. Rogers, McCook, Neb.

SIRE.	{	Anxlety Monarch 63204	Julyman	{	Anxiety 3d 4466.....	Anxiety 2238
			30279.....	{	Tiny 4467	
			Pansy	{	Jessie 3d 10908.....	Sir Richard 2d 970a
			{	Compact 4303.....	Jessie 2668	
						Dainty 6th 15573.....	Centennial 1099
			{	Anxiety Monarch 41216...	{	Rose 2d 352
						Bright Lady 16th 10026.	Samson 15568
			{	Lady Wilton	{	Dainty 5th 15574
						28th 30759....
{	Anxiety Maid 53548	{	Gaylass 9905			
			Sir Bartle Frere 6419..	Merry Monarch 5794		
Monarch of Sh'd 3d 106787	{	Earl Grove 4th 30716	3d 2490.....	{	Bright Lady 8776	
			Beauty	{	Lord Wilton 4057	
						7035.....	Tiny 4467
			{	The Grove	{	Horace 2d 4353
						3d 2490.....	Duchess 7480
			{	Blossom 2493.....	{	Frugality 2497
						Spartan 3978.....	Lady 2498
			{	Beatrice 7036.....	{	Sir Thomas 20
						Garfield	Blossom 2499
			{	Quickset 6853.....	{	Silver Boy 3980
Plum 7016.....	Eglantine 2253					
Grove Mald 1st 53556	{	Erica 31st 36660	7015.....	{	Bachelor 8	
			Perfection	{	Kathleen 6924	
						7th 13361.....	Regulus 3849
			{	Romeo 6420.....	{	Spot 3339
						Perfection 2750.....	Challenge 1561
			{	Plum 7017	{	Plum 7017
						Lord Wilton 4057
			{	Rosaline 5741	{	Leominster 2644

This splendidly-bred Anxiety 4th-The Grove 3d bull is now offered for sale by Mr. J. G. Von Seggern, of Wisner, Neb. Lovers of a good Hereford pedigree will find what they are looking for in Monarch of Shadeland 10th. Write Mr. Von Seggern at once about him.

Rubber Roofing

SOLD DIRECT TO THE FARMER.

A PERFECT ROOFING requiring no COATING. Suitable for steep or flat surfaces. Will stand any climate. Is WATERPROOF. Put up in rolls containing 100 square feet. Packed in center of roll are directions for laying and sufficient nails, caps and cement to lay 100 square feet complete. 1-ply, weighs about thirty-six pounds, per square, \$1.50. Every roll guaranteed. Send for samples. Cash with order. If not satisfactory, it can be returned or money will be refunded. Reference, Citizens Bank.

FARMERS SUPPLY COMPANY, - - WEST BRANCH, IOWA.

small powers should be familiar. The matter of an engine's being frost proof is all important. Many a farmer and other out-door user of power in cold weather has found this out to his sorrow. Originally Messrs. Fuller & Johnson cooled their engines by use of a mineral oil instead of water. This gives a perfect guarantee against freezing, is economical and convenient. But the engine is expensive to build and heavy to move about. Later, they added their open jacket, water-cooled, frost-proof cylinder, which has now become the approved type



practically everywhere. It is absolutely secure from frost in zero weather, is light and costs but little if any more to build than the ordinary cooling systems which give so much annoyance. We are showing herewith an illustration of this firm's portable engine. It is mounted on best steel trucks, equipped with nicely-finished seat box containing tools, battery, etc., and the open jacket. Prospective buyers will find this frost-proof engine the ideal type for portable work because there is no heavy water tank to be hauled about, no pipes to freeze and none to drain to prevent freezing. We do not think we make too much of these matters of cooling and of frost-proof engines. They are all important. But they are only two of the many excellent features of Messrs. Fuller & Johnson's engines. For the whole truth in convincing form, any one interested should write direct to the manufacturers for catalog.

Tornado Insurance.

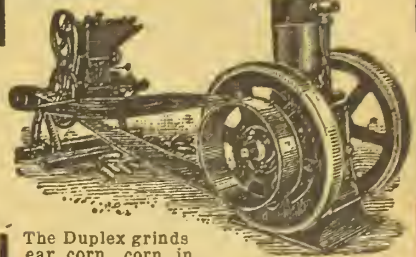
This is a good time of year to think about your insurance and see that your policies are all right, and not have to look after it during the busy season. The farmers' mutuals will take care of your fire and lightning insurance, but a county is too small a territory in which to carry tornado insurance; therefore, the Iowa Mutual Tornado Insurance Association was organized to co-operate with the county mutuals and has proven a wonderful success.

We called our readers' attention to this association in an article two weeks ago. The same agents who write for the farmers' mutuals write for this association. Now is a good time to attend to it. You cannot afford to be without either fire or tornado insurance for the small amount it costs you in a co-operative association.

In this issue on page 5 the Litchfield Manufacturing Company discuss the question of the rapid popularity of their machine, giving the reasons why this condition exists, and this article is certainly worth reading.

THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.
DEPT. B, IOWA CITY, IOWA.

FOURTEEN FOR ONE FOR X-MAS!

To introduce in American homes our splendid pictures of the scenery in the Rockies—the snow-clad peaks under the blue skies of Colorado, we make a most extraordinary offer for this X-Mas.

We will send, postpaid, on receipt of only one dollar, six large, fine pictures—ready for framing, of the most beautiful scenery in the states, and as a premium a splendid, guaranteed fountain-pen, the like of which you cannot buy anywhere else for less than \$2.50. This is \$4.00 worth for one.

But this is not all. To the first 100 customers, who mention our ads, we will further give FREE a splendid stickpin set with a pure gold nugget, right out from the treasure chests of the Rockies, with a gold value of \$10. Thus you can get \$14 for one.

Our pictures should be in every home, our pens in every pocket and if you order promptly, you will own that splendid stickpin of pure gold.

Old and young will think it the greatest X-Mas present of the year. Address,

ROCKY MOUNTAIN VIEWS CO.,

Mail Order Dept.

1018 18th St. DENVER, COL.

NAMES OF FARMERS WANTED.

THE Farm Magazine Co. wants names of farmers likely to be interested in their big, handsomely illustrated farm paper. For five names they will allow our readers 40 cents. The subscription price is 50 cents. Send five names and addresses of farmers and 10 cents, silver or stamps. The publishers will enter you as a subscriber fully paid for one year. They will also mail you free "The Horse and Cattle Doctor." This valuable book tells how to cure quickly all diseases of farm animals. Address,

FARM MAGAZINE COMPANY,
Box H, Omaha, Neb.

FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,

Blandinsville, Illinois

"MYSTERIES OF MEXICO."

A STORY of the Lost Bullion Spanish Mine, formerly worked by the Spaniards with slave labor. This interesting booklet contains much valuable information for the investors; also tells the story of the conquest of Mexico, and romances of lost mines. Beautifully illustrated and bound in handsome crash cover. Free. Write today. C. L. Blackman & Co., 821 Temple Court, Denver, Colo.

Spectacles Free.

AGENTS \$50. WANTED Per WEEK
To sell the Dr. Haux famous "Perfect Vision" spectacles—finest on earth. State present occupation. Dr. Haux Spectacle Co., Dept. 100 St. Louis. If you need Spectacles for your own use write for free Home Eye Tester and full particulars how to obtain a handsome Gold Pair absolutely free.

EAR TAGS ONE CENT EACH.

Brass or aluminum. Specify which you desire.

J. A. MUSSILLON & BRO., Illinois. Springfield.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mt. Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, W. H. Hudson, Lohrville, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 17, John Hammer, Greenwood, Neb.
 Jan. 18, C. E. Olsen, Colon, Neb.
 Jan. 18, E. M. Castle & Son, Joy, Ill.
 Jan. 19, August Voigt, Portsmouth, Iowa.
 Jan. 19, Jacob Wernsman, Cedar Bluffs, Neb.
 Jan. 21, J. E. Rowe, Stockham, Neb.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, G. W. Post, York, Neb.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, Frank Laird & Son, York, Neb.
 Jan. 23, J. W. Reynolds & Son, Defiance, Ia.
 Jan. 23, A. A. Smith, Sciota, Ill.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 23, Peek & Putman, Tecumseh, Neb.
 Jan. 23, Aug. Sonnenland, Harlan, Iowa.
 Jan. 24, C. McCarthy, Henderson, Neb.
 Jan. 24, Stansell & Natern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Okeyedon, Iowa.
 Jan. 24, Paul Groupe, Tecumseh, Neb.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.
 Jan. 29, Grant Chapin, Green, Kan.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, S. R. Quick & Son, Gosport, Ind.
 Jan. 30, J. O. Hunt, Maryville, Kan.
 Jan. 30, J. C. Danner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, Combination Sale, Martinsville, Ind.
 Jan. 31, C. E. Pratt, Frankfort, Kan.
 Jan. 31, R. J. Harding, Carsou, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Feb. 1, Clarence Beavers, Holmes, Kan.
 Feb. 1, W. A. Raukin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 2, John Fultz, Marysville, Kan.
 Feb. 2, Roy West, Boudurant, Iowa.
 Feb. 3, Manley & Co., Lyons, Neb.
 Feb. 3, Sundburg & Olson, Madrid, Iowa.
 Feb. 3, Henry Weber, Friend, Neb.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 6, J. H. Husman, Exeter, Neb.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 9, Arch Brown, Waterloo, Neb.
 Feb. 11, J. Stroh, Dewitt, Neb.
 Feb. 11, S. P. Fred, Ames, Iowa.
 Feb. 11, J. A. Teter, Remington, Ind.
 Feb. 11, Geo. Schwab, Clay Center, Neb.
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.
 Feb. 12, John M. Morrison & Sons, College View, Neb.
 Feb. 12, H. Riggins and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, W. P. Alsins, Boone, Iowa.
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.
 Feb. 13, Ira Jackson, Tipppecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, C. B. Marts, Polk City, Iowa.
 Feb. 13, Bill East & Son, Clay Center, Neb.
 Feb. 14, A. W. H. Orr, Lrimor, Iowa.
 Feb. 14, Gilbert Van Patten, Sutton, Neb.
 Feb. 14, B. W. Hale, Ladoga, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Geo. Briggs & Son, Clay Center, Neb.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Marvin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, A. W. Harris & Son, Morganfield, Ky.
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.
 Feb. 16, B. F. Roberts, Hebron, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Chariton, Iowa.
 Feb. 19, Unltt & Davis, Seward, Neb.
 Feb. 19, J. H. Habenicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, S. P. Briggs, Seward, Neb.
 Feb. 21, E. J. Brown, Osceola, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.
 Feb. 22, O. E. McKiey, Osceola, Neb.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Wm. Sanstead, Holdrege, Neb.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, M. A. Scliers & Son, Huntley, Neb.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 26, W. D. Pittman, Lake City, Iowa.
 Feb. 27, S. J. Tillman, Ragan, Neb.
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.
 Feb. 28, Geo. Karchner, Wilcox, Neb.

GRAND CHAMPION DUCRO CIRCUIT.

Jan. 31, H. B. Griffiths, Bowen, Ill.
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.
 Feb. 2, Thomas & Hogsett, Golden, Ill.
 Feb. 3, Fagan, Browning, Hess & McCabe, Hersman, Ill.
 Feb. 6, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, T. W. Stoner & Son, Henry, Ill.

THE ONLY WAY DUCRO CIRCUIT.

Feb. 13, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Mar. 1, Frank M. Erschen, Odell, Ill.
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

CHESTER WHITE HOGS.

Jan. 18, J. L. Barber, Harlan, Iowa.
 O. I. C. HOGS.
 Feb. 6, 7, O. L. Kerr Est., Independence, Mo.
 Dec. 19, B. R. Burt, Coggon, Iowa.

BERKSHIRES.

Dec. 19, Weber & Apperson, Tecumseh, Neb.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Jan. 14, W. J. McLean, Rock Valley, Iowa.
 Dec. 12, Combination sale at Holdrege, Neb.
 Dec. 12, C. McGavock, Springfield, Ill., Mgr.
 Dec. 12, J. W. Hanna & A. Robertson, Garrison, Iowa.
 Dec. 12, David City, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 13, T. A. Baldwin, Emmetsburg, Iowa.
 Dec. 14, Dr. Cbas. L. Marston, Mason City, Iowa.
 Dec. 15, Holdrege, Neb., W. C. McGavock, Springfield, Ill., Mgr.
 Dec. 18, G. W. Harrison, Washta, Iowa.
 Dec. 18, A. H. Brett, Mason City, Iowa.
 Dec. 18, Joint Breeders' Sale, Marysville, Kan., F. P. Healy, Mgr.
 Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Dec. 19, C. A. Saunders, Manilla, Iowa.
 Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Dec. 20, D. J. Cronin, O'Neill, Neb., sale at Spencer, Neb.
 Jan. 16, Geo. Bonewell & Jas. Duffus, Grinnell, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Jan. 29, F. A. Edwards, Webster City, Iowa.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Feb. 7, A. B. Garrison, Beattie, Kan.
 Feb. 20, J. M. & J. C. Robinson, Towanda, Kan.
 Mar. 12, C. R. Steele, Ireton, Iowa.
 March 14, A. Carrier & Son, Newton, Iowa.
 March 18, W. H. McLaughlin, Shelby, Iowa.
 Mar. 20, James Stack, Harvard, Neb.
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.
 May 28, Walter Teel, Rushville, Ill.

ABERDEEN ANGUS.

Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

HEREFORDS.

Dec. 19, E. R. Morgan, Blue Rapids, Kan.
 Dec. 19, J. G. Von Seggern, Wisner, Neb.
 Jan. 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 Jan. 15, Holt Bros., Laurel, Neb.
 Feb. 1, F. W. Hann, et al., Harlan, Iowa.
 Feb. 14, Peter Mow, Orange City, Iowa.
 Feb. 21, J. M. & J. C. Robinson, Towanda, Kan.
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 June 18, Hood & Baker, Dunlap, Iowa.

SHORT-HORNS AND DUCRO JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

PERCHERONS.

Dec. 19, J. R. Mills & Son, Perry, Iowa.
 Jan. 25, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, M. S. J. C. Robinson, Towanda, Kan.

REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.

JACKS AND JENNETS.

Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

PERCHERONS AND CLYDESDALES.

Dec. 18, A. H. Brett, Mason City, Iowa.

THOROUGH-BRED HOGS AND CATTLE.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

POLAND CHINAS.

Jan. 8, E. H. Andrews, Kearney, Neb.
 Jan. 12, H. C. Dawson & Sons, Eudicott, Neb.
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.
 Jan. 29, Geo. Regennitter, Bennett, Iowa.
 Jan. 31, W. F. Garrett & Sons and Jno. H. Harvey & Son, Maryville, Mo.
 Feb. 2, Bert Fry, Plainfield, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, A. B. Garrison, Beattie, Kan.
 Feb. 6, E. M. Jenkins & Son, Byron, Neb.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 8, T. J. Charles, Republic, Kan.
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, H. H. Hess & Son, Surprise, Neb.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 12, Reubel Bros., Rockwell City, Iowa.
 Feb. 13, E. D. Keasey, Wlota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dau, Burt, Iowa, at Algona, Ia.
 Feb. 15, Peter Mow, Orange City, Iowa.
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.
 Feb. 19, C. F. Hood, Battle Creek, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, H. C. Neal, York, Neb.
 Feb. 20, A. C. Lauham, Battle Creek, Iowa.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin, Neb.
 Feb. 20, C. W. Phillips, New Sharon, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Cbas. Cook, Danbury, Iowa.
 Feb. 22, J. M. & J. C. Robinson, Towanda, Kan.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.
 SHORT-HORNS AND ABERDEEN ANGUS.
 Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

Dates Claimed for Live Stock Sales.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

FIELD NOTES.

Mr. Grant White, of Afton, Iowa, has a few good Duroc hogs for sale.

If you want a Crimson Wonder boar write Mr. H. L. Cantine, of Quimby, Iowa.

Mr. Aug. Sonnenland, of Harlan, Iowa, offers some good Tip Top Notcher hogs for sale.

Mr. Harry Sexsmith, of Greenfield, Iowa, is offering a few Ohio Chief hogs for sale.

Messrs. Manley & Co., of Lyons, Neb., are offering a few well-bred Orion hogs for sale.

Mr. John Weighton, of Audubon, Iowa, is offering a few herd heading Duroc hogs for sale.

Junior Jim and Arion hogs are offered for sale by Mr. R. C. Poston, of Corydon, Iowa.

A few good Duroc Jersey hogs are offered for sale by Mr. J. E. Wehr, of Portsmouth, Iowa.

Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, offer forty head of young Hereford bulls for sale.

If you want Duroc Jersey hogs sired by old Dandelion, write to Mr. W. A. Peterson, of Lyons, Neb.

The old reliable Smith Brown, of Waterloo, Neb., offers a few very top Duroc Jersey hogs for sale.

Forty Duroc hogs at the popular prices are offered for sale by Mr. Albert Bell, of Lake City, Iowa.

Mr. Gus A. Pederson, of Okeyedon, Iowa, is offering a cracking good bunch of Duroc Jersey hogs for sale.

Eight fall hogs sired by the great Lord Roberts, are offered for sale by Mr. A. T. Sundell, of Paton, Iowa.

A few Duroc hogs sired by Proud Advance and old Orion are offered for sale by Mr. F. E. Garrett, of Lohrville, Iowa.

If you want a Duroc Jersey boar sired by the \$5,000 boar, Junior Jim, then write Mr. Austin Renshaw, of Blair, Neb.

Mr. M. A. McWilliams, of Wall Lake, Iowa, writes that he has a few choice Duroc Jersey hogs that he can ship at any time.

If you want a few choice Duroc hogs you can get them at a very reasonable price by writing Mr. Delmar McCann, of Kennard, Neb.

Read the advertisement on page 37 of Messrs. Rood Bros., of Lake Park, Iowa, if you want Duroc Jersey hogs or sows and gilts.

Mr. Z. T. Kinsell, of Mt. Ayr, Iowa, is offering some splendid young Hereford hogs for sale, also a few choice Duroc Jersey hogs.

Short-horn cattle and Duroc Jersey hogs is what Mr. Jas. T. Dollison, of Sac City, Iowa, is offering for sale in Homestead columns.

Mr. F. A. Edwards, of Webster City, Iowa, claims January 29th as a date to sell a good lot of Short-horn cattle, in which are several imported cows.

One of the best daughters of Imp. Scotland's Crown, the Ames Agricultural hull, will be sold in the G. W. Harrison sale at Washta, Iowa, December 18th.

Messrs. Wm. Ray & Son, of Defiance, Iowa, is offering a good bunch of Poland China hogs at from \$20 to \$30. You can get one of these if you go after one at once.

For the next thirty days Mr. Harmon Gruver, of Brewster, Minn., is making a great cut in Duroc hogs. It will pay you to write him if you have not bought your boar.

If in need of White Holland turkeys or Duroc Jersey swine read the advertisement of Mr. J. S. Teale, of Lamoni, Iowa, that appears on page 21 of this issue of The Homestead.

Mr. W. J. Wendt, of Marcus, Iowa, breeder of Duroc Jersey swine, writes that his herd is in good, healthy condition and that he has a few good hogs left. His bred sow sale will take place in February.

Mr. George W. Medlock, of Benson, Neb., the proprietor of the Hillside herd of Duroc Jersey swine, makes the announcement on page 37 of this issue of The Homestead that he has spring hogs and gilts for sale.

Messrs. Norrish & Bevington, of Kingsley, Iowa, can sell you a Duroc Jersey boar that is fit to head any herd and at a price that any breeder can afford. Write them at once before all the good ones are gone.

Messrs. Stow & Gingrich, of Hamburg, Iowa, have a few good hogs left that are fit to head herds. They own one of the best Duroc Jersey herds in the state and they can please you if you go and see them or send them an order.

A few choice Duroc hogs, excellently bred and good individuals, are offered for sale by Mr. A. W. Lamb, of Monroe, Neb. These are sired by the great boar, Glenwood Critic, a son of the noted Glendale Critic, and considered his best son. Write Mr. Lamb about these at once.

Mr. S. J. Butts, proprietor of the Midland herd of Duroc Jersey swine, of Mason City, Iowa, in remitting for advertising, writes: "I have a few hogs left sired by a son of Top Notcher Again. They are big, growthy fellows, weighing from 200 to 225 pounds. I also have a few gilts. I am breeding and selling them at \$20 each for a short time to close out."

Mr. J. H. Barker, of Mazon, Ill., breeder of Poland China hogs, starts an advertisement in this issue of The Homestead on page 31. Mr. Barker has an unusually good herd, both in point of breeding and individuality. He is now offering for sale some good fall yearling and spring gilts sired by such noted hogs as Keep On 2d, Contractor, Come On, Monnier's Perfection and others of equal note bred to a Chief Perfection 2d boar out of a Keep On dam. Mr. Barker will be pleased to furnish prices and de-

scriptions to all who write as per the advertisement on page 31 of this issue.

Mr. E. Fugler, of Creston, Iowa, is offering Shire and Percerbon stallions and mares for sale in his advertisement on page 39 of this issue.

Messrs. E. M. Castle & Son, of Joy, Ill., the well-known breeders of Duroc Jersey swine, have found it necessary to change the date of their brood sow sale from January 25th to January 18th. Readers of The Homestead should make note of this change and plan to be present sale day if in search of good brood sows. If you are not on Messrs. Castle's mailing list write at once for copy of catalog, kindly mentioning The Homestead.

Messrs. Obandler Bros., of Kellerton, Iowa, the well-known Shropshire sheep breeders and importers, won first on their ewe lamb in a class of thirty-three at the International last week. This is the same ewe that they won first on at all the leading state fairs this fall. They now have a very choice lot of imported and home-bred Shropshire rams and ewes for sale and they certainly are good ones. Write them for prices or go and see them.

Mr. E. B. Conkling, of Medapolis, Iowa, writes as follows: "In The Homestead of November 15th you give me credit for topping the sale of Messrs. E. M. Castle & Son, of Joy, Ill., on the males, but fail to give me credit for topping the female portion of the sale. I topped the female portion of the sale, securing a daughter of Oom Paul and Tip Top Notcher at \$51, instead of \$31 as per your report." We regret very much having made this mistake and take pleasure in calling the attention of our readers to the correction.

What has been pronounced one of the best Thickset Poland China hogs in the West, and now offered for sale by Messrs. Ruchel Bros., of Rockwell City, Iowa, is their herd boar, Iowa Chief, sired by Ed Klever's Thickset and out of Lady Hart, an Ideal Perfection sow. These gentlemen announce that they are all sold out of hogs, but they are now offering five Short-horn bulls, old enough for service, at very reasonable prices. Their brood sow sale is to take place February 12th. Send to them for catalog after February 1st. The advertisement appears on page 37 of this issue.

We start the advertisement this week of Mr. F. H. Jackson, live stock auctioneer, of Rutland, Ill. Before readers of The Homestead make arrangements for their public sales they should write Mr. Jackson in regard to his prices. He has recently sold \$48,000 worth of property in three days. He has called sales in Illinois, Iowa and South Dakota, and has always given satisfaction. He has been selling home-bred fancy stock for seventeen years. Mr. Jackson comes well recommended to The Homestead and we trust that our readers will hear him in mind when making arrangements for their public sales.

Mr. W. N. Booth, of Danbury, Iowa, breeder of Poland China swine, in a recent letter writes: "My hogs are doing well. I have fifteen good, strong, vigorous hogs of spring farrow yet for sale and will make bargain prices on them to quick purchasers in order to close out. My sow sale will be February 20th and I expect to put up a splendid offering. The hogs I have left are by Uneeda Thickset, Keep On Jr. and Stand Up 3d. These are three outstanding good sires and are out of good sows and from good litters. They are very strong, healthful and vigorous and will prove profitable to the purchaser." See Mr. Booth's advertisement on page 36.

Mr. H. S. Allen, breeder of Duroc Jersey swine, of Russell, Iowa, in remitting for advertising already done, writes as follows in regard to his Durocs: "I am entirely sold out of hogs, having enjoyed a very good boar trade, due principally to my advertisement in The Homestead. We are getting lots of inquiries for bred gilts. Please say to the boys that we will offer no gilts until our brood sow sale, February 4th. At this time we have twenty-eight sows and gilts mated to the grand champion, Crinon Wonder Again, and ten to the old hog, Top Notcher Again. We will put forty head in our sale, about thirty of which will be bred to Crinon Wonder Again."

Mr. Samuel Locke, of Selma, Van Buren county, Iowa, has twenty-five pedigreed Poland China pigs of both sexes which he is offering for sale and on which he will quote reasonable prices. He writes: "Mr. Theo. Fellows, of Keosauqua, Iowa, came in person recently and bought five gilts and a boar to start a herd from. I have never had a dissatisfied customer. I have shipped Poland Chinas to three states besides Iowa and have shipped turkeys to ten different states. I have been a regular breeder for ten years." If Homestead readers are looking for good Poland Chinas or Mammoth Bronze turkeys we would advise them to write Mr. Locke for prices and description of stock.

Mr. M. M. Elmendorf, breeder of Duroc Jersey swine, of Lacona, Iowa, writes: "I have had splendid success in selling Duroc Jerseys this fall. I have sold over seventy head during and since the Iowa State Fair. The Homestead has brought me more than its share of buyers. I find that The Homestead reaches the proper men to do business with. My mail order trade has been very strong. I have Duke of Ohio 29529 yet and he is for sale, and I will sell George Hur 40851, as I can spare him now. I also have two spring male pigs left, one a grandson of Crinon Wonder I Am 34687, and four spring gilts that will be bred this month, for sale." See his advertisement which appears on page 37 of this issue.

To those of our readers who are looking for some good Berkshires or Short-horns, the advertisement of Mr. C. S. Buckley, of Holstein, Iowa, will be particularly interesting. Mr. Buckley is at the present time offering for sale one extra choice boar pig, farrowed April 15th, weighing 200 pounds. He is sired by Conquest 2d 75301, dam Dolly Varden 77202, a daughter of Pretty Face 63103, the first prize aged sow at the Interstate fair in 1906. He also has five choice June hogs that will weigh from 150 to 175 pounds that was sired by Benjafield Faithful, an imported herd boar. All of the early spring gilts he cares to spare have been sold. He has a few good open June gilts yet for sale. In Short-horn cattle, he has one yearling Scotch bull sired by Gondolier 131273, and out of a Victoria dam. Write him, telephone or go

and see his stock. His advertisement appears on page 35 of this issue.

Mr. Chas. Sobotka, of Calinsville, Mo., offers big growthy Duroc Jersey boars ready for service.

Messrs. Wheatley & Ward, of King City, Mo., can furnish Angus bulls that have for their sires such bulls as Maplehurst Proteros, Hae Lad 2d and Gardner's Pearl Rosegay, three bulls of much individual merit and bulls that sire stock that carry a great amount of the high-priced meat. These bulls are being priced right and bull buyers will do well to investigate.

Messrs. O'Brien Bros., of Waukon, Iowa, have some big-boned Poland Chinas sired by a boar with a ten and one-half inch bone, out of mature sows, they are offering for sale in an advertisement that appears on page 31 of this issue. They state that these pigs are an extra good lot and will be priced right. They also have one yearling that is hard to beat. He is a big-boned, showy hog, and good enough to head a good herd.

Mr. B. M. Boyer, breeder of Chester White swine, of Farmington, Iowa, in remitting for advertising, writes: "My hogs are going like hot cakes on a cold day. I shipped eight head this week and received orders for seven more in today's mail. I have some choice ones left of both sexes and can fill orders promptly. I am booking orders for bred gilts. I can breed them any time desired and keep them until I can guarantee them safe in pig. I sell at farmers' prices. I will breed them to as good a boar as there is in the state. I can furnish them not akin or breed them to boars not akin. I will pay the express charges, or ship c. o. d. on approval." See Mr. Boyer's advertisement which appears on page 35.

Mr. Fred Ebendorf, of Strawberry Point, Iowa, breeder of Poland China swine, writes: "I have the best boars I have ever had for sale. They are by Hustle On, Correct I Know Jr. and L's Tecumseh 2d, and other good ones. I have one good fat boar that will go at a bargain. The boars that I am offering for sale in my advertisement weigh from 200 to 240 pounds. They are not stuffed and have had lots of range. I recently sold a pig to Mr. James McKittrick, of Zwingle, Iowa, who, after receiving the pig, wrote: 'I received letter and pedigree the same evening I got home with the pig. He arrived safe and sound. The pig suits me all right and I am well pleased with him. Thank you for your good judgment.' See Mr. Ebendorf's advertisement on page 36.

Mr. W. W. Wheeler, of Harlan, Iowa, writing under date of December 6th, says: "My Duroc Jerseys are coming fine. You don't know how I hate to say it, but I shall sell every Duroc Jersey I own on January 16th. My Durocs have done well for me, but one man can't do everything. I will have a great offering; three full sisters to Crimson Wonder; one litter sister to Crimson Wonder, Lady Wonder; one daughter of Duroc Challenger, one daughter of Orton, one daughter of Onward, three daughters of Majestic; thirty-four gilts sired by Carmine Wonder, a half brother to Crimson Wonder; Scarlet Wonder sired by Pericles 4499 and out of a full sister to Crimson Wonder and Belle's Perfect King, a son of Nebraska Belle, bred to grandsons of Ohio Chief and Improver 2d."

Mr. T. A. Stevenson, proprietor of the Grand View Stock Farm, Shannon City, Iowa, breeds Chester White hogs, Aberdeen Angus cattle and English Shire horses. He offers at this time some fine specimens in the way of Chesters, sired by one of the greatest sons of the twice champion, Prescott Boy 14239. In Aberdeen Angus bulls and heifers he is offering calves and yearlings, sons and daughters of the two great breeding bulls, Blackbird's Eclipse 33879 (a Blackbird son of old Moon Eclipse) and Elidure 73161, a Blackbird-topped Erica. He writes: "From this time on until January 1, 1907, I will cut the price in two to make room for the coming crop of calves. Now is the time to buy. I can sell a bull now much cheaper than I can next spring. You can buy a bull calf or yearling and keep it much cheaper than I can—in fact, you would hardly miss what he would eat. If you can use a good bull, write me for prices. I guarantee everything to be as represented. In Shire stallions I have two fine ones, a three-year-old coming four next May, and an aged stallion, a prize winner, one of the best horses of the breed individually and in his blood lines a great horse and a great breeder. Write for prices on anything in my line. Please mention The Homestead, the greatest advertising medium in the West, chock full of good things. Its columns are clean, wholesome and to the point. It is as full of meat as an egg." See advertisement on page 35.

Col. C. A. Ewing, of Lathrop, Mo., is one of the men behind the Missouri Auction School, of Trenton, Mo.; second term opens January 1, 1907. Colonel Ewing has served

sales have passed to his credit. Colonel Ewing instructs in general farm sales.

THE AMERICAN AUCTION SCHOOL OPENS NEXT MONDAY.

The American Auction School, at Chillicothe, Mo., opens next Monday, December 17th. Col. Harry W. Graham, its president, writes that prospects are bright for this term; that he thinks students will find the December term one that they cannot afford to miss. Students from all parts of the country are enrolling and preparing to take advantage of the special rate for this term. If you contemplate taking the course got ready and be on hand the opening day.

CHOICE DUROC JERSEY BOARS.

Those of our readers who want a good Duroc Jersey boar should write Mr. Grant Summers, of Malvern, Iowa. He has a few choice boars sired by Crimson Wonder Again, the Iowa State Fair sweepstakes boar, and out of a daughter of Top Notcher Again. Mr. Summers is pricing these low, considering their breeding, and the man who wants a herd head should go after them at once. He also has a splendid litter sired by Lottie's Top Notcher out of a granddaughter of the sweepstakes World's Fair boar, Tip Top Notcher. We urge those of our readers who want boars to write Mr. Summers about these at once. He is pricing them within the reach of anyone who wants a good Duroc Jersey boar.

A WHOLE HERD OF RED POLLED CATTLE FOR SALE CHEAP.

In order to change his business plans, Mr. W. D. McTavish, of Coggon, Iowa, will price his entire herd of Red Polled cattle, or any portion of them, to prospective purchasers at prices that will make them move. There is a great bargain in this bunch of cattle at the present time at the price asked. This famous dual-purpose breed created great interest at the International live stock show at Chicago last week; more interest centered around the contest when the Red Polls were being judged than has been before witnessed in many years. Mr. McTavish has the same sort and the same lines of blood as the prize winners of Chicago. Write him at Coggon, Iowa, for particulars and prices.

PETER HOPLEY & SON'S STALLIONS.

Readers of this paper should read the advertisement of Messrs. Peter Hopley & Son, of Lewis, Iowa, on page 39 of this issue. This is one of the pioneer importing firms and no institution can boast of having a better lot of Belgian, Percheron, Shire, Suffolk and German coach stallions than will be found in their barns. They now have on hand and for sale about twenty head of choice Suffolk fillies and they are as good as we have ever seen. When a buyer buys of this firm they buy right, because the price is always right. The elder Mr. Hopley is one of the best judges in this country and he always selects his own horses. Inasmuch as they do both their buying and selling, their customers get the benefit. If you want a Belgian or a Suffolk there is no better place in America to buy and the same can also be said of their Percherons and Shires. Write them at once or go and see their horses. Please mention this paper when writing.

THE LAST CALL FOR THE MILLS & SON PERCHERON SALE.

Those of our readers who want Percheron and French Draft stallions and mares should not fail to attend the closing out sale of Messrs. J. R. Mills & Son, of Perry, Iowa, on December 19th. Included in this sale will be some splendid stallions and some grand good mares. The latter will range in age from yearlings up, and ten of them will be safe in foal to their prize-winning stallion, Narcisse. There will be a few well-matched teams of mares in this sale, and those who are thinking of buying mares will find them here. There will be eight head of stallions in this offering and we can say to our readers that they will not be disappointed in these horses. Some of the best young stallions we have seen this year will be sold in this sale. They also sell two head of registered Short-horn cows and two head of bulls. They will also sell a bunch of good registered Aberdeen Angus bulls, eighteen head of grade steers, yearlings and two-year-olds and twenty grade cows and heifers. The horse end of it, however, is the important part of the sale, and anyone that wants Percheron or French Draft stallions or mares will find them in this sale. Write for catalog at once and don't forget to be present on that occasion.

DISPERSION SALE OF HEREFORD CATTLE.

On December 28th will occur the dispersion sale of thirty-five registered Hereford cattle, six miles southeast of Muscatine, Iowa, across the river in Illinois. These cattle are the property of Mr. Martin Liebeg, of Muscatine. There will be eighteen bred cows, six with calves at foot, eleven yearling heifers and six bulls, including the herd bull, Sir Jack 14404. This bull was sired by Wild Jack 94697 and out of Lucy Love 2d 31232. Wild Jack is an intensely inbred Anxiety bull, and all the females in the sale of sufficient age are bred to him, and a portion of the younger things are by him. Five of the heifers in this sale are sired by Patrol 71765. He also is an intensely-bred bull in Anxiety lines. Mr. Liebeg is making this dispersion sale in the afternoon of December 28th. During the forenoon he will sell eighteen splendid high-grade yearling steers and thirty high-grade cows and heifers. The popular auctioneer of eastern Iowa, Col. Griff Johnson, will conduct this sale. Mr. S. L. Johnson, of the German-American Savings Bank of Muscatine, Iowa, will clerk this sale. There is perhaps no two men in eastern Iowa that have had more experience in this line than the two Mr. Johnsons. This will be a splendid opportunity for farmers of northeast Missouri, western Illinois and eastern Iowa to secure some well-bred Hereford cattle and good individuals of the practical, useful kind. All parties attending this sale should go to Muscatine, Iowa, as this is the only railroad point near the place at which the sale will be held. Muscatine can be reached over the Chicago, Milwaukee & St. Paul, the Muscatine & Wilton branch of the Rock Island, also the Muscatine & Western branch of the Rock Island, and the main line of the Rock Island from Chicago to Kansas City. Also the Muscatine north and south which connects Muscatine with the Iowa Central railway system. Free convey-

ance from Muscatine to the farm and back on sale day.

CHOICE DUROC JERSEY BOARS.

If any of our readers want a good boar they should read the Duroc Jersey advertisement of Mr. Jno. Weighton, of Audubon, Iowa, which appears on page 37. He offers a son of the noted sow, S. E. Model, that cost him \$1,075 at the Ebelson sale last winter. He is a son of the noted boar, Proud Advance, and he should head some good herd. Mr. Weighton also has others by Proud Advance, the sire of the first-prize gilt and the second-prize litter at the Iowa State Fair this fall. Just write him for his prices, or go and see him if you possibly can. He can certainly suit you, both in price and in quality of boars offered for sale.

A CARLOAD OF SHORT-HORNS FOR SALE.

Last week we called attention to the sale of a carload of Short-horn cattle at Humphrey, Neb., on Tuesday, December 18th, the property of Mr. F. E. Terrell, of Montezuma, Iowa. It is our understanding that this is the first public sale of pure-bred cattle ever held at that place, and this sale should not be missed. Mr. Terrell in writing in regard to the offering says: "One of the best in the cow stuff is the young cow, Ophelia. She is sired by the grand old breeding bull, Prince Victor 170394, and her dam is Lady Challenger, of the Daisy family, by Challenger 118377, she by Lady 3d by Baron Victor 90443. Individually she is a grand, good, level-backed, deep-bodied cow, of good scale and her breeding is all one could ask for in a good pedigree. There are some good yearlings in the cow line besides the fancy young cow, Keep Sake 3d, also by Prince Victor. This cow is a Rosemary and you will find few of her equal passing through the sale ring this fall. The bulls run from nine to eighteen months old and are a sappy lot of good, thick-fleshed fellows, probably one of the best of them being Gold Finder, a fifteen-months-old bull. He has a Bright Eyes mother and is sired by Prince Victor. He is a prize winner and deserves to go to the head of some good herd. He is bred on dam's side the same as the bull that stood at the head of Mr. A. W. Lamb's herd at Monroe, Neb., as long as he could use him. There are other prize winners in this sale, but space will not permit mention of all the good things we have to offer." See advertisement on page 34.

BERKSHIRE BOARS FOR SALE.

Only a few more of those heavy-boned, long-bodied, deep-sided, short, dish-faced Berkshire boars are left at \$25 each. This is the good and encouraging words from Mr. W. D. McTavish, of Coggon, Iowa. Mr. McTavish started in the season with some fifty or sixty head of this character, depending on his advertisement in this paper to sell them out. It has done the good work down to the limited number above referred to. We have seen these pigs within the past six weeks, but meeting Mr. McTavish at Chicago at the International last week he informs one of our representatives that they have grown out amazingly since our last visit, and now are better than many of the pigs that were shipped out earlier in the season. There is probably no better pork bog on earth than the large English Berkshire, when bred in right lines, with sufficient bone, length and great arched backs. These are the only kind that find a welcome at the Chapel Hill breeding farm. Mr. J. R. Elliott, of Woodward, Iowa, has purchased Mr. McTavish's old herd boar at a long price. We refer to Royal Premier 67448. This boar goes to head Mr. Elliott's famous herd of Berkshires. Mr. McTavish will continue to sell these boars above referred to at \$25 each while they last, and will also take this price for the sisters to these boars as open gilts, but when bred, the price is \$35 each. These pigs are all rich in the blood of the world's champions. Write for prices and particulars to Mr. W. D. McTavish, Coggon, Iowa.

MORE CONCERNING C. S. BARCLAY'S DISPERSION SALE OF SHORT-HORN CATTLE.

Since concluding our last notice relative to the dispersion sale of the Orchard Farm herd of Short-horn cattle, owned by Mr. C. S. Barclay, of West Liberty, Iowa, we have received a catalog of the sale, which reveals such a rich line of Scotch breeding that we cannot refrain from impressing upon the minds of all our readers that this will be a good sale to attend. As has been before stated, Mr. Barclay has borne the burden of the fight in the heat of the day for the past thirty-five years in the Short-horn warfare against the scrub cattle of the country, and now, that the time has come when he lays down his chosen life work, which this virtually means in the dispersion of the fifty-five head of Orchard Farm Short-horns, it will be a grand opportunity for breeders from all over the land to strengthen their herds in some good Scotch blood. Mr. Barclay has been an enthusiast in breeding good cattle and in using good bulls. There may have been times when Mr. Barclay allowed his zeal for the good of the breed to carry him beyond the skirmish line to near the danger point. However this may be, he has been the loser thereby, and the good results of his expensive ventures can be secured on December 18th, when this beautiful herd of Short-horns, the last that Mr. Barclay has on earth of the breed, will be dispersed. Concerning the good Scotch bulls that Mr. Barclay sells, in addition to Imp. Favorite, previously mentioned at some length, we would now call attention to Orange Champion 3d, a red bull calved Sept. 30, 1905, sired by Iowa Champion and out of Orange Blossom B. 18th, and she by Secret Bampton. This is a straight Scotch Orange Blossom with no out crosses, and is a bull sufficiently well bred to head any herd in America, or in the world, so far as that is concerned. Individually this is a splendid prospect for a herd head. Some may take issue as to the comparative worth of this bull and his stable companion, Mysie's Champion. The last named bull was sired by Iowa Champion, but belongs to Cruickshank's famous Mysie family, tracing to Imp. Mysie 36th by Scotland's Pride, and she out of Mysie 33d by Champion of England. Be this as it may, they are both grand good bulls of the same age and color and worthy to find homes where good bulls are needed. Lot 48 is another red bull calved April 19, 1905, called English Champion 2d. He is also by Iowa Champion and traces to Imp. English Lady by Heir of Englishman. They are sometimes

Lamp-chimneys with my name on them live to a ripe old age unless an unusual accident happens to them. They never break from heat.

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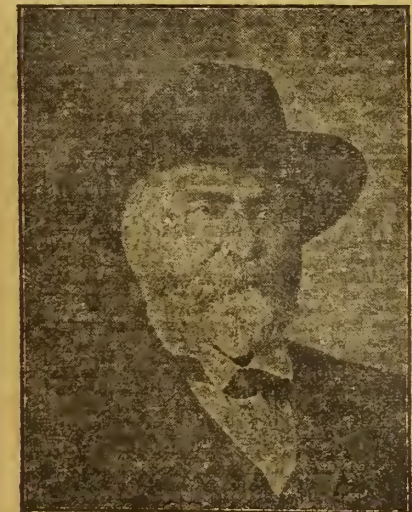
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called Roan Ladies, and have furnished some very high-priced cattle as well as numerous prize winners. The yearling heifers of last year, shown by Messrs. J. & W. B. Watt, of Ontario, at the International show in Chicago, were of this family. We regret to see this old Orchard Farm herd scattered to the four winds, as it were, as it represents more than one-third of a century of time diligently devoted to its upbuilding by Mr. C. S. Barclay, who has been one of the most enthusiastic, energetic breeders of Short-horns in America, and was for a time one of the directors in the American Short-horn Breeders' Association; also prominently identified with Iowa's Improved Fine Stock Association, for many years, and a member of the board of regents of the Iowa Agricultural College at a time when his counsel and judgment aided and assisted Professor Curtiss in getting appropriations for the betterment of the beef cattle at Ames, which has redounded to the credit of the state many times since. The catalogs of this dispersion sale will be



as president of the International Auctioneers' Association, president of the Missouri Auctioneers' Association and 2,500 successful

mailed free to all readers of this paper who apply to Mr. C. S. Barclay, West Liberty, Iowa.

THE MAPLE LEAF DUROC JERSEYS.

Mr. S. R. Murphy, of Savannah, Mo., proprietor of the Maple Leaf herd of Duroc Jerseys, reports sale of three boars from the great young sow, Savannah Belle. Savannah Belle was bought last winter at the R. J. Harding bred sow sale for \$750. She was bred to the great Ohio Chief and raised five pigs, four boars and one sow. Mr. Murphy reserved one boar for service in the Maple Leaf herd and now reports the sale of the other three. One goes to Messrs. Maupin & Applegate, of Shelby, Mo., at \$300. One to Mr. J. Coy Roach, of Girard, Ill., at \$300, and one to Mr. A. E. Poush, of Chariton, Iowa, at \$250. The gilt of this litter is now at Mr. H. S. Allen's to be bred to Crimson Wonder Again, the champion Duroc Jersey boar at the Iowa State Fair this year. She will go in Mr. Murphy's bred sow sale February 23, 1907. Here will be an opportunity for Duroc Jersey breeders to get the blood of several of the greatest families of the Duroc Jersey concentrated in one animal. The gentlemen who bought the boars in this litter should have heard boars of great merit, as they are backed up for generations by sires and dams that have no superiors, either as show hogs or breeding hogs. Mr. Murphy further states that he will select forty of his best sows and gilts for the bred sow sale. They are being bred to such boars as Ohio Chief Again, the son of Savannah Belle that he reserved; Crimson Wonder I Am, Buddy K. 4th, Perfection Chief and to Gold Cloud, all boars of great reputation throughout the corn belt. Mr. Murphy is known as one of those men who never does things by halves and when sale day rolls around Duroc Jersey breeders who are out for bred sows and gilts will do well to be on hand.

SAUNDERS' ANNIVERSARY SALE.

The anniversary sale of Mr. C. A. Saunders, at Manilla, Iowa, on December 19th, commemorative of his ten years as a breeder of Short-horn cattle, promises to be one of the most important sales of the year. The preparations and plans for this sale were formulated in the mind of Mr. Saunders several years ago, and every animal that is to be sold, every detail in the arrangement of the sale, both as to the number of cattle, the printing of the catalog, the advertising, the hiring of the auctioneers, and the many other necessary preliminaries, were worked out and thoroughly gone over long before the sale was announced. In many respects the sale is out of the ordinary. The cattle are a grand lot, there being thirty head of straight Scotch of the very best and most popular families. Besides these, however, will be found a most excellent lot of Scotch-topped cattle, and when it is remembered that there will be seventy-one head in the sale it will be understood that there will be enough for everybody. The farmer and the ranchman can attend the Saunders sale, feeling that he can get just what he wants, and at prices that he can afford to pay. The breeder of high-class Short-horns can look to the Scotch cattle for what he wants, and he will find them there in goodly numbers, both imported and home bred. Every arrangement has been made to take care of the visitors. Col. F. M. Woods has evolved a new speech for the occasion and every lover of oratory should come out to hear him. Geo. P. Bellows and Carey M. Jones will furnish the music and a grand program will be furnished for those present. The converts are expected from the several states adjoining and we believe those who come out will conclude that it is the accepted time to begin a new herd or add a few choice ones to the one already started.

Send for that 100-page catalog and you will be able to see the light.

HEALY'S MARYSVILLE SALE.

One of the best combination sales of Short-horn cattle that will be held in Kansas this year will be disposed of at Marysville, Kan., on December 18th. The veteran breeder and manager, Mr. F. P. Healy, of Bedford, Iowa, will have charge of the sale and he has succeeded in collecting some of the best cattle that he has ever had the opportunity of offering the people of that state. There will be a liberal number of Scotch cattle in the sale and there will be a number of unusually good Scotch bulls in the offering. Mr. Healy himself contributes ten head, and eight of these are straight Scotch, some of which are as good as has ever come from his well-known herd. One of the best bulls that he will sell is Gloster's Baron 2d 262635, a March calf, sired by the noted bull, Baron Pride, out of a daughter of Scottish King. He is a strictly pure Cruickshank bull and a Royal-bred Duchess of Gloster at that, and he is good enough to head any herd in the West. Count Gloster 262633 is a yearling Duchess of Gloster, bred along identical lines and a good young bull. He also puts in three good young Secret bulls, all sired by the pure Scotch bull, Royal Cherub. These are good bulls and should be eagerly sought after by Kansas breeders. He also sells Scottish Rose, a six-year-old daughter of Scottish King, out of a daughter of Imp. Ducal Crown, then comes the great show and breeding bull, Imp. Cupbearer. She is a splendid milker and has always raised a red calf every year since she was two years old. Mr. Healy sells Birdie Gloster 2d, a two-year-old Duchess of Gloster heifer, and a very choice individual. Mr. D. G. Sutherland, of Clarinda, Iowa, is consigning some of his choicest cattle to this sale. Mr. Sutherland laid the foundation for one of the best Short-horn herds in southern Iowa, but is now leaving for the state of Washington, and therefore must close out.

THE LAST CALL FOR THE G. W. HARRISON SALE.

On Tuesday, December 18th, Mr. G. W. Harrison, of Washta, Iowa, will make a public sale of sixty-six head of Short-horn cattle. This is Mr. Harrison's second annual sale and he is putting in some choice cattle, good enough that our very best breeders can well afford to attend. When looking over Mr. Harrison's cattle a field representative was impressed with the class of big, broad-backed cows that will be offered and the uniform lot of heifers that will be in the sale. The cows in this herd have been exceptionally heavy milkers and it never was necessary to keep nurse cows in order to raise a calf in this herd. The greater part of the young things offered for sale will be sired by the noted Scotch bulls, Scottish Knight and Victoria's Valentine, and another bull used with much success in the herd is Prince of Wales, and many of the best things in the sale will be sired by the latter bull. Many of the cows will have calf at foot and others will be safe in calf to Scottish Knight and Young Scottish Knight. About ten of these will have calf at foot. As a special attraction to breeders to attend his sale he has concluded to put in the great young heifer, Victoria Crown, a daughter of the noted Scotland's Crown, that formerly headed the Ames Agricultural College herd and was considered one of the best bulls in the United States. Her dam is a daughter of the Cruickshank bull, Gallahad, that has been such an important factor in the improvement of our present day Short-horns. She is one of the very best bred Cruickshank Victoria heifers ever offered in the state of Iowa and the breeder who gets her is going to get a heifer that will make a great foundation for his future herd. She is bred to and is well along in calf to Scottish Knight, a son of Imp. Northern Light, and a bull that has sired some of our very best Scotch cattle. He also puts in some Canadian-bred cows and these will all be in calf to Scottish Knight. The heifers that he sells in this sale are a very uniform lot, of the blocky and well-developed type. All of these that are old enough will be bred. There will be twenty of these yearling heifers in the sale. Most of these will have four and five Scotch tops on them and they are good enough to go anywhere. There will be five good young bulls in the sale and also a carload of good young range bulls. Among these young bulls will be two Orange Blossoms, one a son of Scottish Knight, the other a son of the \$1,000 bull, Robin Adair, that formerly headed the E. C. Sage herd at Denison, Iowa. Some of these are bred along the very best Scotch lines and are right for the farmer and breeder. The ranchman is looked after in this sale and there will be a carload of young bulls that will be offered in the bunch, and they are good ones. In fact some of these are as good as he has, but they must be sold, and he decided to offer them in carload lot. Mr. Harrison is selling some good cattle and they certainly are the money-making



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THOUSANDS IN USE. BURNS ANY KIND OF FUEL. Having BOVEE'S Improved Hot Blast Ventilating System and Return Circulating Radiator, which gives perfectly pure air and save One-Third of the Fuel. Any handy man can properly install one of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first-class. We can save you 40 per cent on the cost of your heating plant, our price being but little more than good stoves. Send for catalog. We have the largest and best line of furnaces in use, including our celebrated WATERLOO Furnace, complete for \$43. Manufactured and Sold by the BOVEE GRINDER & FURNACE WORKS, WATERLOO, IOWA.

sorts. There will not be a cow in the sale that is not a regular breeder and all right, so buyers will know just what they are getting when they buy in this sale. Kindly write Mr. Harrison for catalog and mention The Homestead when doing so.

BREEDERS' SALE OF 200 HORSES.

As announced heretofore, the sale of breeders' horses to take place at Bloomington, Ill., on January 9th, 10th and 11th, is an event of no little importance to the horse breeding fraternity. Mr. C. W. Hurt, the manager of this sale, of Arrowsmith, Ill., writes as follows in regard to the prospects of the sale: "The breeders' sales at Bloomington, Ill., are becoming more and more the largest sales of registered draft and road horses ever held in the United States. We have now over 200 head, sixty-six of them being Percheron stallions, sixty-eight Percheron mares, twenty Shire stallions and mares, thirty head of trotter and coach horses and thirty grade draft mares and stallions. In this bunch there is a number of imported animals. Among the consignors are Messrs. D. Augustin, selling the fine large black stallion, Absalom, first prize winner and reserve champion at St. Louis, and second prize at Illinois State Fair this year. He is also selling eleven head of the very best of his stud; Wm. Crownover, with eighteen head, three stallions and fifteen mares, ten Percherons and eight Shires, ranging in age from two to six years, that weigh from 1,600 to 2,000 pounds, right in their prime and as good a bunch as ever went into a ring; A. J. Dodson, with twenty head of Percherons, including his Illinois State Fair winners. Most of his bunch are mares of the very best color and breed. A. M. Storm & Son, with a good consignment of Percherons from the very best families; John C. Baker, with a good consignment of Percherons from Hercules, that have both size and bone; Messrs. Hurt & Reid, with their entire bunch of partnership horses, including the entire bunch of breeding stallions, and Percheron and Shire mares, that weigh from 1,700 to 2,000 pounds, a number of them bred in fashion and black in color; Downs Bros., with eight head of Percherons, most of them being mares of the right color and size; Bloomington Horse Commission Company, with good Shires and grade draft; Wm. Ritter, selling his entire bunch of Percheron mares; Frank McClure, with Clydesdales; Barron & Raboin, with eight Percherons that ought to suit anyone; L. M. Moots, with imported Percheron and coach stallions; Ed Hodgson, with a good all round bunch of Percherons that will please the public; M. G. Murray, with Percherons, mostly mares; S. H. Johnson, Shire and coach stallions; F. G. Brunton, with his trotters, some bred in the purple and with fast marks; Miller Bros., with grade mares; Frank Skaggs, with grade stallions and mares, and a number of other consignors, with a lot of good horses of the very best kinds and breeds. We are selling in one of the nicest large cities of the United States and have the best of hotel accommodations, all within three blocks of

the coliseum, where the sale will be held. It will be heated and will seat 3,000 people comfortably. There are the very best of railroad accommodations for a sale of this kind. You can come to this sale and be just as comfortable as at home, no matter how the weather may be." See advertisement on page 40.

JOHN LISTER'S SIXTH ANNUAL SALE OF SHORT-HORNS.

This will be the last opportunity to direct attention to the sixth annual sale of Short-horn cattle, to take place from Pleasant Ridge Farm, owned by Mr. John Lister, of Conrad, Iowa. It has been Mr. Lister's custom for the past six years to sell a goodly number of cattle, the natural increase of the herd and a few of the best Scotch females, imported and home bred, thrown in to sweeten the offering. This, however, is the first sale in which Mr. Lister has been able to offer a strictly first-class lot of cattle from start to finish. Fully half of the present offering are Scotch cattle, and certainly the eight Scotch bulls listed are by odds the best yet offered from this breeding establishment. In addition to the young Scotch bulls above referred to is the separate great attraction of his aged herd bull, Double Victor. This bull is eight years old and was sired by Victor Lad, a bull bred by Mr. C. B. Dustin. Double Victor's dam was Victoria of Linwood 3d and traces directly to Imp. Victoria 73d, while Victor Lad, his sire, is but a few removes from Imp. Victoria 51st; hence it will be seen that Double Victor gains his name of Double Victor by virtue of being out of a Cruickshank Victoria cow and sired by a Cruickshank Victoria bull. Rare breeding is this and breeding seldom offered at auction. Above all is the evidence on every side that Double Victor is one of the great stock bulls of the present day. His calves are uniformly good, without regard to sex, as is evidenced by the top females, as well as the top bulls in the present offering, all being sired by Double Victor. We question the advisability of Mr. Lister parting with this bull and ventured this remark to him while inspecting the cattle to be sold. However, he feels that with the reduction of the herd, by virtue of this sale, that his other herd bull, Fearless Victor, will answer the purpose as all the herd bull necessary at Pleasant Ridge. Among the younger bulls is Victor Archer, a December yearling sired by Double Victor. His dam is an imported cow, Bell of the Archers. This bull is a fac-simile of his sire, which is about all that is necessary to be said. Another splendid young bull, belonging to the celebrated Dorothy family, is Dora's Victor. This is a January yearling. This family of Dorothys have been regarded among lovers of Scotch cattle as one of the best Cruickshank families of more recent years. In the hands of Messrs. L. Broadsky, N. A. Lind and H. F. Brown they have furnished prize winners and breeding matrons almost without number. It is one of the families that breeds on whenever good bulls have been used upon them. The other bull being retained in the herd and to which a goodly number of the females are bred, particularly all of the females sired by Double Victor, is the bull, Fearless Victor. He belongs to the Cruickshank Victoria family also, tracing to Imp. Victoria 51st, but his sire, by the Duthie-bred bull, Fearless Archer. He was by the great Scottish Archer and out of the Cruickshank Flora cow, Flora 91st, a daughter of William of Orange. Certainly no better breeding from a Scotch standpoint can be found between the lids of the American Short-horn herd books. As to the female contingent, the sale opens with catalog No. 1, Victoria 2d. This is a red cow four years old, sired by Collynie Victor, and also out of a line of Victorias, tracing to Imp. Victoria 51st. Her sire, Collynie Victor, was by Collynie Archer, he out of Victoria Princess by Color Guard. Collynie Archer was bred by Mr. Wm. Duthie and imported and owned by Mr. John Dryden, of Ontario. He was got by Scottish Archer and out of the Marr Missle cow, Missle 135th, by William of Orange, out of Missle 73d by Prince Charlie, she out of Missle 54th by Cherub 4th, a bull that will be found in the pedigrees of some of the very best Scotch cattle ever coming through a Scotch foundation. The great family of Seraphinas all descended from a cow sired by Cherub 4th. This splendid cow, Victoria 2d, is one of the richest bred in America. Lot 2 is a splendid Orange Blossom, six years old, and Lot 3 is a beautifully-bred Dorothy by Royal Baron and he by Imp. Baron Cruickshank. Her dam, Do Not Marr, was by the Dustin-bred bull, Victor Baron. She traces directly to Imp. Dorothy by Shut-

\$8.75 NEW STEEL RANGE

\$8.75 buys this BIG, HANDSOME, NEW 1907 MODEL, FULL SIZE, SIX-HOLE SQUARE STEEL RANGE. (With reservoir and closet, as illustrated, a trifle extra.) For full description of this wonderful steel range bargain, write for our FREE Stove Catalogue.

In our own, the largest stove foundry in the world, in Newark, Ohio, we make every variety of the highest grade stoves and ranges, and sell them direct to the user at about one-half the lowest prices asked by others. Every stove covered by our binding guarantee, guaranteed to reach you safely, free from break or damage, guarantee the freight charges to be very small, every stove offered on thirty days' free trial, and we agree to always furnish any repairs in the years to come. We can fill your order for any size or style stove the day we get it, so you will have your stove in just a few days after you order it. PRICES HAVE JUST NOW BEEN GREATLY REDUCED, as shown by our latest FREE Stove Catalogue. Our Acme Triumph, Acme Renown and Acme Regal Steel Ranges have been greatly reduced in price; marvelously low prices on our entire line of stoves, including Oak heating stoves, beautiful base burners—about one-half regular retail prices. We have new stove offers that will please and surprise you. Write us a letter or a postal card and simply say, "Send me your Free Stove Catalogue," mention this paper, and by return mail you will receive postpaid, our very latest Special Stove Book, with large pictures and complete descriptions of our entire line of stoves, all the wonderful low prices, the greatest stove offer you ever received. Our FREE Profit Sharing Plan is also explained. Don't buy a stove at home or elsewhere until you get this new Stove Catalogue and all our new offers. Write today. Address, SEARS, ROEBUCK & CO., CHICAGO.



THE HOWE SCALE CO., OF ILL.

50-52 LAKE STREET, CHICAGO, ILL.



The opening of C. A. Wright's Duroc Jersey sale held at his home near Rosendale, Mo., on October 18th. Mr. Wright is best known as the stock feeder man. As a Duroc Jersey breeder he is rapidly forging to the front and Wright's Durocs will in a year or two be as popular as are his stock feeders.

blecock, a bull bred by Mr. Amos Cruickshank. Much has been said in recent years in the live stock press about Mr. Cruickshank's famous Dora or Mary Ann by Silvery tribe of Short-horns. The Dorothys are simply another name for this same family. This beautiful cow will sell with heifer calf at foot by Fearless Victor. Lot 4 is Orange Flora. This is a five-year-old Scotch Flora cow that sells with a heifer calf at foot also by Fearless Victor. All but two bulls in this cow's pedigree were bred by Mr. Amos Cruickshank. Thus it will be seen that there is no richer-bred Cruickshank Flora living, and the two top bulls, Orange Duke 3d and Prince Victoria, are bulls bred from sires and dams that descended from Amos Cruickshank's herd; so to the man that is tenacious of a Cruickshank pedigree we can say that this cow possesses an absolutely straight Cruickshank pedigree as literally as it is possible to find anywhere in the world at the present day. Lot 5 of the catalog furnishes a good specimen of the famous Duchess of Gloster family, choicely bred and will sell with heifer calf at foot. Lot 6 is Silver Queen 3d, sired by Hampton Marshall, a worthy son of Imp. Merry Hampton, while her dam is Imp. Silver Queen by Coral King. Lot 7 is a choicely-bred Orange Blossom heifer, Scotch, and sells with a heifer calf at foot. Lot 8 is a five-year-old cow, red in color and belongs to the famous Scotch family of Matchless, tracing to Imp. Matchless 15th by Champion of England. This grand, good cow will sell with bull calf at foot. Lot 9 is a Cruickshank Athene and Lot 10 is a Gardenia or Gladiolus. This is one of the best pedigrees in the herd book and one of the richest in Cruickshank breeding. Lot 12 is Mina Victoria 2d, a nicely-bred Campbell Mina, being sired by Fearless Victor and out of Imp. Mina Auguston 5th by Maximus. A half sister to Mr. F. O. Loudon's \$7,500 white bull, Cumberland's Last, will be offered for sale in Lot 14, Cumberland Belle. This cow was sired by old Cumberland and bred by Mr. C. A. Saunders, of Manilla, Iowa. Mr. Lister is endeavoring in this offering to place before the Short-horn breeders of America a class of cattle that will attract their attention so that they will feel justified in coming some distance to attend his sale and purchase cattle that will not only show well from a pedigree standpoint, but that are good, practical individuals as well. The catalogs are ready to mail and will be furnished on application to all Homestead readers by addressing Hon. John Lister, Conrad, Grundy county, Iowa.

THE LAST CALL FOR SAUNDERS' ANNI-VERSARY SHORT-HORN SALE.

The tenth anniversary sale of Mr. Chas. A. Saunders will be held at his famous Greeley Stock Farm, near Manilla, Iowa, on December 19th, and a choicer lot of cattle has never come from this farm than he will sell on that occasion. Seventy-one head, and thirty straight Scotch, are listed in the catalog, and a better lot has not been offered at public sale this year. His 100-page catalog is now ready for distribution and it is a beauty. It is one of the finest of the season and is well illustrated and every Short-horn breeder ought to have it. We desire to say to readers of The Homestead that Mr. Saunders has left nothing undone to make this the greatest sale of his life. The Scotch cattle that he will sell in this sale are among the very best he has in his herd, and it is with regret that he parts with many of them. There will be several imported cows in the sale, and the famous old Gladiolus will also be sold. When this cow goes one of the closest ties that has connected Mr. Saunders and the Short-horn business will be severed, but he says that he is selling the good ones and there is none better than old Gladiolus. She is the dam of his present bull, King Champion, and he is proving a good bull in the Greeley herd. Bred to the Cumberland and Merry Marshall females, he is producing some of the choicest things in the herd. Many of the females in the sale will be bred to him or will have calf at foot, and several will have calf at foot by Cumberland's Last, the reserve champion at the International in 1905. There will be a most useful lot of Scotch-topped cattle in the sale, both for the farmer and the ranchman. There will be a lot of good bulls in the sale, the best of which is Lord Charmer 2d. He is a straight Scotch, sired by King Champion and out of a daughter of Lord Banff. He is one of the best-bred young Scotch bulls that will

be sold this fall, and the man that wants a herd bull should go after him. He will also have a lot of Scotch-topped bulls to offer, mostly sired by King Champion, Cumberland and Merry Marshall. The Saunders sale should be one of the greatest of the year, and every breeder should have his catalog. It will be sent for the asking, providing you mention The Homestead.

BREEDERS' COMBINATION HORSE SALE.

Every reader of this paper should plan to be present at the third annual breeders' combination horse sale, which will be held in the coliseum, at Bloomington, Ill., on January 9th, 10th and 11th. On Wednesday and Thursday, January 9th and 10th, 140 head of registered Percheron, French Draft, Shire and Clydesdale horses, stallions, mares and fillies will be sold at auction. The coliseum is well heated and ample accommodations are made to insure every opportunity for those present to secure good stock at their own prices. Bloomington has unexcelled shipping facilities, and hotel accommodations for all who attend. Catalogs can be had by addressing Mr. C. W. Hurt, of Arrowsmith, Ill., as per the advertisement on page 40 of this issue. An illustration of the coliseum appears on page 18 of this issue and is one of the most commodious selling places in the country. The following well-known breeders have consigned stock to this sale: Messrs. Wm. Crownover, Hudson, Iowa, Percherons and Shires; A. J. Dodson, Normal, Ill., Percherons; A. M. Storm & Son, New Lenox, Ill., Percherons; John C. Baker, Manhattan, Ill., Percherons; D. Augustin, Carlock, Ill., Percherons; Hurt & Reid, Arrowsmith, Ill., Percherons, Shires and trotters; Wm. Ritter, Arrowsmith, Ill., Percherons and French Draft; Walter Allen, Dunlap, Ill., Percherons; W. F. McTaggart, Pana, Ill., Percherons and trotters; Bloomington Horse Commission Co., Percherons and Saires; Wm. Westmoreland, Arrowsmith, Ill., Percherons; Frank McClure, Gibson City, Ill., Clydesdales and jacks; O. M. Weishir, Heyworth, Ill., grade draft; H. J. Green, Weston, Ill., roadsters; Baker Percheron Horse Company, Leland, Ill., Percherons; Tisley Bros., Lockport, Ill., Percherons; M. G. Murray, Holder, Ill., Percherons; Joe H. Roth, Eureka, Ill., Clydesdales; Jacob Shad, Hudson, Ill., Percherons; F. A. Metz, Eureka, Ill., Percherons; W. M. Curtis, Arrowsmith, Ill., Morgans; W. M. Lovett, Arrowsmith, Ill., trotters; Walter Severs, Ashland, Ill., Percherons; F. E. Clicker, Hedrick, Iowa, trotters; Kerr & Allen, Oconee, Ill., Percherons; John H. Weaver, Loda, Ill., Percherons; S. H. Johnson, Miner, Ill., Shires and coach; F. G. Brunton, Bloomington, Ill., trotters; Lillie Railsback, Mackinaw, Ill., Percherons; Down Bros., Clifton, Ill., Percherons; W. H. Ryburn, Industry, Ill., Percherons; Elvin & Campbell, Bloomington, Ill., Shires and French Draft; Barron & Raboin, Ashkum, Ill., Percherons; J. F. Baker, Kankakee, Ill., trotters; Clarence Wilson, Minier, Ill., Percherons; Ed Hodgson, El Paso, Ill., Percherons; Geo. D. Enyard, Onward, Ind., Percherons; Miller Bros., Ancona, Ill., Percherons; Frank Skaggs, Danvers, Ill., Percherons; Fred R. Bally, Bonfield, Ill., Percherons; Ed Moots, Normal, Ill., Percherons; R. L. Dunlap, Danvers, Ill., Percherons. Plan to be present at this important sale and secure catalogs at once. Mention this paper when writing.

THE AUDUBON SHORT-HORN BREEDERS' SALE.

On December 20th, at Audubon, Iowa (the day following the C. A. Saunders sale) will occur the combination sale of the Audubon county Short-horn breeders, and they are selling a grand lot of good cattle in their first annual sale. The consignments are from the herds of Messrs. J. A. Harris & Son, of Atlantic, Iowa; J. C. Hardman & Son, of Brayton, Iowa; H. P. Bonneson, of Audubon, Iowa; W. D. Pratt, of Anita, Iowa, and J. T. Jenkins, of Brayton, Iowa. In this sale will be the strongest lot of young Scotch bulls that will be found in any single sale this season. We say this advisedly, and the breeders who will attend the sale will find what we say to be true. Mr. Hardman is selling his Scotch herd bull, Improver, and he is a most excellent breeder. He will sell Roan Victor 2d, one of Improver's sons, out of a daughter of old Canute, and he is one of the choicest, mellowest and most promising young bulls of the year. He is a Cruickshank Victoria and it will certainly pay the man who wants a herd bull to go after this fellow. Mr. Pratt sells two royally-bred Victoria bulls, both sired by Victoria Prince 2d, the bull that sired the calf that sold for \$500 at Anita last fall. One of these is out of Imp. Crabstone Shepherdess, is red in color and is fit to go to the head of any herd. The other is out of the Scotch bull, Count Amaranth, and is also fit to go to the head of some good herd. Messrs. Harris & Son sell a two-year-old Queen of Beauty bull and he will easily make a 2,500-pound animal when matured. They also sell a young bull calf and a choice lot of cows in this sale. Their cows are noted for their great scale and are splendid milkers. Many of them will have calf at foot by their Queen of Beauty bull, Sultan of Sulu, and the rest of them will be in calf to him. One of the best cows in the offering is Mayflower of Pine Grove. She is a five-year-old, a daughter of Imp. Scottish Minstrel and was bred by Messrs. W. C. Edwards & Co., of Rockland, Ontario. Her dam is a daughter of Royal Gloster and her granddam is Imp. Mayflower by Statesman. Besides being a well-bred cow she is a good individual and she is well along in calf to the Scotch bull, Improver. Golden Gem is another good six-year-old cow consigned by Messrs. Hardman & Son. She is practically a Bates cow, a good regular breeder and a good milker. They have had her two years and she has dropped them three calves—two bulls and one heifer. Mr. H. P. Bonneson is one of the largest contributors to the sale and his are mostly females. One of his best is an eight-year-old cow called Gossan, bred by Messrs. Randolph Bros., of Indianola, Iowa. She is a daughter of the Scotch bull, Goldstick Prince, and is a large red cow. She is a regular breeder and Mr. Bonneson is retaining four of her heifers in his herd. She sells with a red heifer calf at foot by Cumberland 2d. Her four-year-old daughter, Lady Whitset, will also be in this sale. She is a daughter of Imp. Fairhaven and she is developing into a grand individual. Mr. Bonneson sells twenty head and he says they are all regular breeders and good milkers. To quote his own language he says: "I am not selling a cow or heifer that is not strictly all right, but I have to reduce my herd. Many of my cows will have calf at foot and

DISPERSION SALE OF HEREFORDS

ON DECEMBER 28, 1906

AT THE JOE HAMPTON FARM, SIX MILES SOUTHEAST OF MUSCATINE, IOWA.

I will sell at one o'clock, 35 Registered Hereford cattle. 18 cows bred, 6 with calves at foot; 11 yearling heifers and 6 bulls, including my herd bull, Sir Jack 144604, an intensely line-bred Anxiety bull. This stock all descends from Adams Earl, W. S. Van Natta and John Sparks' Purchaser. In the forenoon I will sell 18 yearling steers and 30 cows and heifers, high grades. Parties from distance will be met at Muscatine with free conveyance. Stock loaded F. O. B., Muscatine. Sale is in Illinois.

MARTIN LIEBIG, Owner

S. L. JOHNSON, CLERK.

COL. GRIFF JOHNSON, AUCTIONEER.

The Great Wenona Stud

PRIZES WON

at the three great shows of 1906, demonstrating to the public the superior quality of our stud:

Champion Percheron Stallion at the Kansas State Fair; Champion Belgian Stallion at the Kansas State Fair; Champion Shire Stallion at the Illinois State Fair; Champion Shire Stallion at the American Royal, Kansas City, Mo.; Champion American-bred Percheron Stallion at the American Royal; 1st—Best five Percheron Stallions, Kansas State Fair; 1st—Best five Belgian Stallions, Kansas State Fair; 1st—Best five Shire Stallions, Illinois State Fair; 2d—Best five Belgian Stallions, Illinois State Fair; 1st—Best five Shire Stallions, American Royal, Kansas City; 2d—Best five Belgian Stallions, American Royal, Kansas City; 2d—Best five Percheron Stallions, American Royal, Kansas City. We also purchased at the American Royal the great show Shire Stallion PREM VICTOR, of King Edward VII, of England, having been shown through Canada and the United States.

NOTICE: Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper assisting in placing the stallion, who usually is one of your own neighbors (the most influential man of the neighborhood), and the great expense of placing the stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the stallion to the buyers from \$2,500 to \$4,000. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know we can save you at least 50 per cent. If it is necessary to arrange a company in your neighborhood in order to get a stallion, form your own company and come to the barn and be convinced that you can save from \$1,000 to \$1,500. We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEYS. Come to the barns and deal with Bob Burgess, who has been in the business over thirty-two years, longer than any other man in the stallion trade.

GOOD AMERICAN-BRED STALLIONS, \$800 TO \$1,000. FIRST-CLASS IMPORTED STALLIONS, \$1,200 TO \$1,600. CHOICE STALLIONS A LITTLE HIGHER.

Get your guarantees and insurance direct from headquarters. We guarantee to make every deal satisfactory to you. Visit our barns, see our exhibits at the different state fairs and see the class of horses we are selling for the money. The reason that we ask the above of you is that we are the oldest importers, the largest importers, and we have the quality of stock that will suit the people; are perfectly good for our guarantee and will sell you more good horse quality for less money than anyone. Come to the barns and get the most reasonable terms that can be offered.

ROBERT BURGESS & SON, Wenona, Ill., Wichita, Kan.

9 CORDS IN 10 HOURS



BY ONE MAN, with the FOLDING SAWING MACHINE. It cuts down trees. Folds like a pocket knife. Saws any kind of timber on any kind of ground. One man can saw more timber with it than 2 men in any other way, and do it easier. Send for FREE illustrated catalog, showing latest IMPROVEMENTS and testimonials from thousands. First order secured agency. Address FOLDING SAWING MACHINE CO., 168-164 E. Harrison Street, Chicago, Illinois.

TOO LATE TO CLASSIFY.

POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

HOMESTEAD HERD OF POLAND CHINAS.

GOOD, strong fall yearling and spring gilts by such noted sires as Keep On 2d, Contractor, Come On, Monnier's Perf. and others. Can breed them to a Chief Perf. 2d boar out of a Keep On dam. Write for prices and description. J. H. BAICKER, Mazon, Ill.

F. H. JACKSON, Rutland, Ill. LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

40 CHOICE HEREFORD BULLS

RANGING in age from twelve months to two years. All sired by prize-winning bull.

EDMONDS, SHADE & CO., Kingsley, Iowa

are bred again." That veteran breeder, Mr. Jno. T. Jenkins, sells a good Mysie and a good Duchess of Gloster bull in this sale, also a couple of good cows. This sale offers one of the best opportunities of the year to

buy Short-horn cattle and the man who wants a good Scotch bull will have a splendid opportunity to buy in this sale. Write Mr. J. C. Hardman, manager, Brayton, Iowa, for catalog and please mention The Homestead.

FIRST ANNUAL SALE OF THE AUDUBON CO. SHORT-HORN BREEDERS ASSO.

To be held at the Fair Grounds at Audubon, Ia., Thursday, December 20, 1906. Imported, Straight Scotch and Scotch Topped Cattle

Drafts from the well known herds of J. A. Harris & Son, Atlantic, Ia.; H. P. Bonneson, Audubon, Ia.; J. C. Hardman & Son, Brayton, Ia.; W. D. Pratt, Anita, Ia.; J. T. Jenkins, Brayton, Ia.

50 HEAD IN SALE—11 Bulls—9 Straight Scotch Bulls

REST COWS AND HEIFERS, SOME OF WHICH ARE PURE SCOTCH. THE SCOTCH TRIBES ARE REPRESENTED BY THE FOLLOWING FAMILIES: MISS RAMSDEN, QUEEN OF BEAUTY, VICTORIA, MYISIE, DUCHESS OF GLOSTER,

Lot 10. Elva Orange.
Red; calved April 5, 1894; bred by Bailey and Cadoux, Anita, Iowa.
Dams. Sires.
Got by 16th Duke of Orange 102823. C. C. Platter Breeders.
Lord Acomb 46457. Geo. Allen & Son
Goldie 2d. Duke of Goodness 26149. John Bond
Goldie Goodness. Young Englishman 25228. W. S. Marr
Imp. Goldie 18th. Prince Mysie 25353.
Lot 6. Red; calved April 15, 1905; bred by J. T. Jenkins.
Dams. Sires.
Got by Wilderberg Prince 183214. Albert Harrah Breeders.
Canute 106716. Col. Harris
Iowa Mysie 2d. Saxon Knight 110108. Col. Harris
Mysie Riverside. Cromwell 111415. R. & S. Nicholson
Mysie Cromwell 3d. Cromwell 111415. R. & S. Nicholson
Mysie Cromwell. Imp. Goldstick 86748. A. Cruickshank
Mysie 47th. Imp. Earl of Aberdeen 45992. A. Cruickshank
Mysie 45th. Crown P. of Athelstane 2d 16385. D. Christie
Mysie 43d. Scotland's Pride (25100). A. Cruickshank
Imp. Mysie 36th. Improver 192264.
Lot 1. Dark roan; calved April 9, 1902; bred by Geo. M. Woody, Collins, Iowa;
Dams. Sires.
owned by J. C. Hardman & Son. Breeders.
Got by Golden Drop Victor 149537. Wm. Duthie
Imp. Countess of Aberdeen. Centaur 151724. A. Leslie

MARR GOLDIE,
DAINTY DAME,
PETUNIA AND
MAYFLOWER.

A FEW
SAMPLES
OF
PEDIGREES



Lot 4. Roan Victor 2d 265482.
Roan; calved March 17, 1906; bred by J. C. Hardman.
Dams. Sires.
Got by Improver 192264. Geo. M. Woody Breeders.
Canute 106716. Col. Harris
Riverside Victoria Queen. Saxon Knight 110108. Col. Harris
Victoria Princess 2d. Prince President 77023. A. Cruickshank
Glen Victoria 5th. Thistle Top 83876. A. Cruickshank
9th Linwood Victoria. Viscount 18507. A. Cruickshank
Victoria 52d. Royal Duke of Gloster (29834). Cruickshank
Imp. Victoria 51st. Craibstone Chief 255554.
Lot 3. Red; calved Feb. 13, 1905; bred by W. D. Pratt, Anita, Iowa.
Dams. Sires.
Got by Victoria Prince 3d 172512. A. Harrah Breeders.
Imp. Craibstone Shepherdess. Craibstone 135226. A. C. Pirie
Lot 2. Rockford Boy 265449.
Red; calved May 22, 1904; bred by J. A. Harris & Son.
Dams. Sires.
Got by Linwood 127768. Col. Harriis Breeders.
Queen of Beauty 8th. Double Lavender 115031. T. W. Harvey
Queen of Beauty 7th. Red Emperor 83071. E. Cruickshank
Queen of Beauty 3d. Royal Barmpton 31461. A. Cruickshank
Queen of Beauty 2d. Imp. Stanley (32594). A. Cruickshank
Imp. Queen of Beauty. Senator (27411). A. Cruickshank

DEC. 19, C. A. SAUNDERS SHORT-HORN SALE, MANILLA, IA.
DEC. 21, COMBINATION SHORT-HORN SALE, MANNING, IA.

Col. Geo. P. Bellows,
Auctioneer.

Write for Catalog to J. C. Hardman, Mgr., Brayton, Ia. Please mention Iowa Homestead.

Last Call for the Twenty-Sixth Sale of Short-horns from Orchard Farm Herd.

Orchard Farm and C. S. Barclay are names that must be associated together always; they are synonymous. It is sad to think that the twenty-sixth annual sale from Mr. Barclay's celebrated Orchard Farm herd will be a dispersion sale of the last Short-horns in his possession. To think of such a man who has spent his life in the business retiring entirely brings a thought of sadness. The world has never had a more enthusiastic advocate of Short-horn cattle than Mr. C. S. Barclay. In season and out he has preached the gospel of Short-hornism wherever he went; in fact, it has been his pet theme for nearly forty years. Many a good herd of Short-horns throughout the middle West owe their existence to the foundation stock secured at Orchard Farm. One of the best herds in the entire West today, that of Mr. H. D. Parsons, of Newton, Iowa, was founded on stock purchased from Mr. Barclay many years ago. What is true of Mr. Parsons' herd is equally true of many others. Mr. Barclay has been in the breeding business as well as in the show yards for very many years, and now comes the dispersion of the remnant of his life's work. The principal part of these cattle were bred at Orchard Farm, hence with two or three exceptions, all are young. More than half the offering is of Scotch or Cruickshank breeding, and these from representative families that have been in Mr. Barclay's possession from fifteen to twenty-five years. They are of the Scotch families that he found the most profitable and that bred truest to type. In fact it is the right sort of blood on which to build a herd. There are twelve splendid bulls listed in the sale from fifteen to twenty-four months of age. They are nearly all red and some are exceedingly rich in Scotch blood lines. This sale will be held on the pavilion at the fair ground where all can be made comfortable on sale day. Cols. F. M. Woods, Carey M. Jones and R. W. Barclay will do the selling. They will have fifty-five head to dispense, some fifteen or twenty of which have calves at foot. The calves are practically all by Iowa Champion or Imp. Favorite. There will be twenty-six Scotch lots in the offering and twenty-nine cows of breeding age. The remaining sixteen yearling heifers are mostly open heifers, not being old enough to breed. One of the best Scotch bulls to be sold this year is the beautiful roan bull at the head of the herd, Imp. Favorite. There are four other yearling Scotch bulls, all reds, and sired by Iowa Champion, that to our minds are the best lot of Scotch bulls that Mr. Barclay has ever offered. The bull offering is not as large as on some former occasions, but in quality and individual merit they are par excellence. Inasmuch as the cattle must be sold without any reserve whatever, it certainly will afford buyers a splendid opportunity on December 18th to buy a class of Short-horns that they could not otherwise procure of Mr. Barclay at all. He certainly is entitled at this dispersion sale to a large gathering of breeders from all sections of the country, as it is in all probability the last opportunity that the breeders will have to reciprocate for the many kind turns Mr. Barclay has done at hundreds of Short-horn sales throughout the middle West during the past quarter of a century. Mr. Barclay is entitled to a good attendance and a successful farewell sale. While it is true that some of his business ventures have not been highly successful, yet the Short-horn fraternity in general owes a debt of gratitude to Mr. C. S. Barclay that it can now repay by attending this sale December 18th and rendering a little assistance here and there that will be much appreciated. The Homestead believes that this will be a good place to secure bargains. Write Mr. C. S. Barclay, at West Liberty, Iowa, for catalog, mentioning The Homestead. See advertisement on page 38.

Last Call for A. H. Brett's Sale of Short-horn Cattle, at Mason City, Iowa.

On December 18th, Mr. A. H. Brett, of Mason City, Iowa, will sell fifty head of Short-horn cattle, including a very large supply of Scotch blood. Fully one-third of the offering will be Scotch. Lot 1 of the sale catalog is the beautiful imported cow, Likely, a roan, calved June 28, 1899. This cow was sired by Remus, hence is a half sister to the \$12,000 bull, Imp. Choice Goods, owned by the late G. M. Casey, of Tebo

Lawn. She belongs to the celebrated Cruickshank Luster family. Remus, the sire of Likely and Choice Goods, was bred by Mr. A. Fortescue, of Scotland, and was sired by Star of Morning, also the sire of Pride of Morning, the Highland Society's breed champion at Aberdeen. Also Buttermilk, first prize two-year-old at the same show. Butterscotch, Asterisk and Star of Dawn were all exported to South America. Two calves of this noted cow have already been sold for \$460 and Mr. Brett has three left. She has been safe in calf since March 10th to Prince Victor. Following this noted cow is a nice list of cows, such as Mysie of Ploverdale 5th, belonging to the famous Cruickshank Mysie family. She has been safe in calf since August 12th. Lot 3 is Secepta Lady, a daughter of Nonpareil Prince 2d. She belongs to the Cruickshank family of Secrets, coming through Imp. Sorrell, a daughter of Roan Gauntlet. This cow was bred August 12th to Lord Champion. Lot 4 is a choicely-bred Butterfly by Barmpton Prince. She was one of the group of five heifers that sold in the memorable C. C. Bigler sale, where these five heifers brought an average of more than \$2,000 each. This cow sells with a beautiful cow calf at foot by Hampton's Marshall, a son of Imp. Merry Hampton. Lot 5 is Rose of Ethel. She belongs to the famous Campbell Rosebud family. The imported cow to which she traces was Imp. Rose of Aberdeen 3d. This cow has a nice bull calf at foot dropped September 23d, by Baron Secret. Lot 6 is Miss Buckingham, a daughter of Lord Gloster, and belongs to one of Mr. Cruickshank's most valuable tribes, the Miss Buckingham family. Lot 7 is an Orange Bud 2d, a choicely-bred Orange Blossom, which are always in favor. This beautiful Scotch cow was sired by Victorious. She dropped a beautiful red cow calf April 23d by Golden King and was re-bred May 25th to Gloster Baron. Lot 8 is Gloster of Aberdeen, a dark red heifer not quite three years old. She was sired by Imp. McNaughton and traces to Imp. Vain Maid, she out of Vanity by the Cruickshank bull, Earl Granville. Lot 10 is Mary Jane 2d, sired by Imp. Golden Crest. This is a choice Scotch cow of Campbell's Isabella tribe. She was bred April 13th to Prince Victor. A choicely-bred two-year-old heifer will be found in Lot 11. She was sired by Imp. Fancy's Pride and out of Imp. Likely, the first cow mentioned. She will be just two years old at sale day. In addition to the sale of these choice Scotch cattle and Scotch-topped ones will be some splendid Clydesdale and Percheron brood mares, including two or three stallions. The catalog of this splendid array of blooded live stock can be had by addressing Mr. A. H. Brett, Room 11, Zeller Block, Mason City, Iowa, mentioning The Homestead. See this page for advertisement.

Last Call for James Burke's Dispersion Sale of Short-horns.

As has doubtless been seen in previous issues of The Homestead, the venerable James Burke, Sr., of Stanwood, Iowa, will disperse his entire herd of Short-horn cattle on December 20th at his farm near Stanwood, Iowa. As has been previously stated, Mr. Burke is a very elderly gentleman, who has labored for more than fifty years preaching and practicing advanced methods of farming and stock growing, until he feels that by these methods he has acquired a competency sufficient that he and his life companion may spend the afternoon of life without the farm cares with which they have burdened themselves for the past half century. In a very pleasant visit with Mr. Burke and his son recently, a Homestead representative learned of their methods of rearing good Short-horns, and it soon developed that they have the broad-gage, common-sense idea, that has been publicly advocated by such liberal-minded men as Senator W. A. Harris, the late Martin Flynn, E. B. Mitchell, J. G. Robbins & Son and the late T. S. Moberly, that good Short-horns must be bred without adhering strictly to family lines. In other words, the blending of good Scotch and Bates blood together must be recognized as just as valuable, if not in many cases more so, as cattle bred in either of the so-called straight lines, recognizing that all are Short-horns, and where they have been in good hands, that one Short-horn pedigree ought to be just as good as another, individual merit being the aim, for the very good reason that the final end of all cattle is the block. Such wise buyers as those who purchase cattle for Swift & Co.,

PUBLIC SALE SCOTCH & SCOTCH TOPPED

Short-horn CATTLE

REGISTERED CLYDESDALE AND PERCHERON MARES AT

MASON CITY, IOWA, DECEMBER 18TH

On the above date at the feed barns in Mason City, Iowa, I will offer for sale 48 head of Scotch and Scotch-topped Short-horn cattle, including imported cows, 16 head of the offering being Scotch. Forty-six females and two bulls. I will also sell at the same time and place six registered Clydesdale mares in foal to an imported stallion; four Percheron mares in foal to an imported stallion; one Percheron and one Clydesdale stud colt. Of the Scotch cattle, the following families are represented: Imported Likely, Mysie, Secret, Butterfly, Rose of Aberdeen, Airy Buckingham, Orange Blossom, Vain Maids, Crocus or Isabella, etc. Of Scotch-topped families, Rose of Sharon, Desdamonas, Arabella, Rosebud, Josephine and Pearllette. Send for catalog at once to

A. H. BRETT, MASON CITY, IA.

COL. AL P. MASON, AUCTIONEER.

Mention Homestead when writing for Catalog.

Armour & Co., or any other of the great packers, never ask the question, "Is this a straight Scotch, or a straight Bates, or is it bred crosswise or otherwise?" Individual merit properly developed are the only essentials requisite with these wise buyers when paying the top of the market. Mr. Burke recognized long ago the all-wise practice of having good milk cows in order to secure good breeding cows, and the result is that the major portion of the herd are heavy milkers. Yet, when dried off from milk, they show a quick adaptability to take on thick flesh from the native Iowa blue grass. As evidence that this is pre-eminently a breeding herd, there will be something like fifteen or twenty calves that sell at foot with their dams as one lot. In this offering are nearly thirty females of breeding age, all bred to Baron Taylor or Diamond King. The good judgment of Mr. Burke in securing these two good thick bulls has been amply demonstrated by their get. Few hulls can show better calves than these fellows, and as it is a dispersion sale both will be included in the sale. They are low, thick, Scotch-looking hulls and have a preponderance of Scotch blood in their veins. Nevertheless they are both on a young Mary foundation. This

sale will furnish an opportunity for the farmers of Iowa and Illinois who do not feel that they can afford to pay extravagant prices for Short-horns, to buy common-sense, practical, business, prolific Short-horns at their own prices. The sale is a positive one, from the fact that Mr. Burke has rented the farm and bought property in town and is preparing to move. Hence these cattle must be sold without any reservation whatever. It is only at such dispersion sales as this that the public has an opportunity to buy the worthy matrons of the herd whose very superior breeding qualities are only known to the owner. During the owner's stay in the business this class of cattle is never offered, they being retained because of their well-known superior breeding qualities. But in a time like this where everything must be sold, the public then has a chance to get behind the scenes, as it were, and secure what has hitherto been prohibited from them. There will be five nice red yearling bulls included in this sale, in addition to the two herd bulls previously mentioned. Homestead readers who are contemplating the purchase of some practical business Short-horns will do well to write Mr. Jas. Burke, Stanwood, Iowa, for a catalog at once.

SECOND ANNUAL SALE OF SCOTCH AND SCOTCH TOPPED SHORTHORNS

From the Grand Meadow Brook Herd of
G. W. HARRISON, WASHTA, IOWA.

TUESDAY, DEC. 18, 1906

55 Head Offered For Sale 55

Thirty cows, twenty yearling heifers and five bulls, also a car load of range bulls that will be sold in one lot. The great show heifer, **Victoria Crown**, a daughter of noted bull, Imp. Scotland's Crown, will be one of the great attractions of the sale. The cows are a lot of large table-backed, thick-fleshed kind and are grand, good milkers, with five and six Scotch-tops. Note these pedigrees:

Herd bull, for reference—many of the cows bred to him are the sire of young bulls and heifers in sale.

SCOTTISH KNIGHT 136371.

Got by Imp. Northern Light.....A. Cruickshank

Bessie GirlImp. Craven Knight.....A. Cruickshank
Imp. Bessie Lass.....Banner Bearer.....Wm. Duthie
Red BessGladstoneS. Campbell

VICTORIA CROWN.

Got by Imp. Scotland's Crown.....Wm. Duthie

20th Linwood Victoria.....GalahadW. A. Harris
16th Linwood Victoria.....Golden PirateW. A. Harris
11th Linwood Victoria.....Master of the Rolls.....A. Cruickshank
Victoria 53dViscountA. Cruickshank
Imp. Victoria 51st.....Royal Duke of Gloster...A. Cruickshank

For catalog of the entire offering, address

G. W. HARRISON, WASHTA, IOWA.

Col. Geo. P. Bellows, Auctioneer.

Please mention HOMESTEAD when writing.

LIVE STOCK AUCTIONEERS.

MISSOURI AUCTION SCHOOL TRENTON, MISSOURI.

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The only auction school in the world where students are given actual practice selling in bona fide sales. This school's first term had double the enrolment of any other school's first term. All branches of auctioneering, oratory and live stock judging taught by instructors of from five to thirty years' experience. We only require one-half of tuition down on entering school, the other half to be paid after you have made it out of the business. What could be more fair? Write for our large, 40-page illustrated catalog, which gives testimonials from our students in all parts of the United States.

W. B. CARPENTER, PRESIDENT.
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First President of International Auctioneers' Association. Twice President of Missouri Auctioneers' Association.

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Is the original school, and has had five times as many students as all other auction schools in the world combined. The instructors are practical auctioneers of national reputation. Their reputations have been made by a careful study of the auction work and by conducting all classes of sales throughout the United States and Canada. A special instructor is employed in each department. Students conduct sales every day. The school does not advertise to instruct students in work we do not understand ourselves. When spending your time and money to secure an education the school should be considered, not the price. The eighth term opens December 10, 1906, and following this term the school will practically be open all the year round, with the possible exception of a short summer vacation, and there will be classes opening at short intervals, enabling those who desire to attend to enter at almost any time, the tuition remaining the same, and each class will be given a six weeks' course, with an opportunity to graduate in four weeks if proficient. Write for free catalog, list of graduates, and other information, mentioning this paper, and come when you are ready.

Jones National School of Auctioneering and Oratory, Phone West 1228, 231 Ashland Boulevard, CHICAGO, ILLINOIS.

J. P. SPEARMAN, PAPILLION, NEB. LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

A LIFETIME IN THE CATTLE BUSINESS.

A GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

Col. Judd McGowan CLINTON, ILLINOIS.

TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

A. V. LOCK, REMINGTON, INDIANA.
Live Stock Artist.
Work satisfactory. Prices reasonable.

When writing to advertisers please mention this paper.

FRED REPERT, DECATUR, IND.

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Am selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



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LIVE stock auctioneer. Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

CAREY M. JONES, Live Stock Auctioneer

231 Ashland Blvd., - Chicago, Ill.

ANNUAL SALE OF Short-horn Cattle AT Conrad, Ia., Thurs. Dec. 20, 1906

45 Head of the Best Short-horns Ever Offered.

There will be twelve bulls in the offering, eight of which are Scotch, and decidedly the best lot that I have ever put on the market. Of the Scotch females represented in my offering are two Victorias, two Orange Blossoms, one Dorothy, one Duchess of Gloster and one out of Imp. Bell of the Archers, one Nonpareil, etc. There are fifteen Scotch females in the sale and fifteen calves sell with their dams. In other words there is at this time sixty head of cattle in sight that sell as forty-five catalog lots. I am very fortunate in having at the head of my herd two most excellent herd bulls, and both of the same Cruickshank family, the Victorias. I refer to Double Victor, the eight-year-old red bull that is included in the sale, and to Fearless Victor, the other herd bull that I paid \$1,450 for. Perhaps the top of the sale in the females is the beautiful roan heifer, Pleasant Ridge Athene. She is a thick, massy heifer, wonderfully good in the crops and chine, and is possessed of a very smooth, broad, thick-fleshed back. She was sired by Double Victor and is now bred to Fearless Victor. This is a heifer that would command attention wherever shown. She has a fitting stable companion in Pleasant Ridge Gladness, also a daughter of Double Victor. This is a thick, tidy, red heifer that is attractive throughout, and one of the kind that ought to stay in the breeding herd.

THE HERD IS IN CHARGE OF MR. GEO. PIERCE.

The sale will be held on the Lister farm four miles from Conrad and applications for catalog should be made to

JOHN LISTER, CONRAD, IA.

LIVE STOCK AUCTIONEERS.

AMERICAN AUCTION SCHOOL HARRY W. GRAHAM, President, (Live Stock Auctioneer.) CHILLICOTHE, MISSOURI.

Next Term Opens December 17, 1906.

Special Rate for December Term.

All branches Auctioneering taught, also Voice Culture, Auction Law and Live Stock Judging by Special Instructors. Our graduates now in many states. "Col. J. H. Webb, of Spalding, Neb., who graduated in the July term of this school, writes under date of Oct. 3d that he has 53 sales listed to date and is getting all the work he can do. Col. W. C. Curphey, of Abilene, Kan., is another July graduate who is being booked on some of the best pure-bred sales of that state." For catalog address,

L. E. GRAHAM, Sec., - Chillicothe, Mo

C. C. KEIL, LADORA, IA., LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

HEREFORD CATTLE.

250 RECORDED HEREFORDS At Half Their Value.

25 YEARLING heifers, 20 two-year-old heifers, bred; 75 young cows in calf, 50 bulls and 15 young cows with calves at foot. Awful cheap.

One carload of bulls at Morgan, Wyoming. GOOD ONES, CHEAP.

W. W. WHEELER, Box H, - Harlan, Iowa

BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

When writing to advertisers please mention this paper.

HEREFORD CATTLE.

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesoid and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL, Mt. Ayr, Ia.

RIVERSIDE HEREFORDS.

4 REGISTERED BULLS from 13 to 18 months old, sired by Hesoid 29. Write me. V. C. Atwell, Little Sioux, Iowa.

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Leux, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chosen bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1203.

SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

Red Polled Bulls For Sale

Wm. K. Ferguson, Algona, Iowa

SAUNDERS' ANNIVERSARY SALE

AT THE GREELEY STOCK FARM, MANILLA, IA., WEDNESDAY, DEC. 19TH
..... 71 HEAD---30 SCOTCH---16 BULLS
 THE BEST OFFERING OF SHORT-HORN CATTLE IN ALL RESPECTS WE HAVE EVER LISTED FOR SALE.

WE PRODUCED

CUMBERLAND'S LAST, junior champion at International, 1905.
 CUMBERLAND'S CHUNK, 1st prize champion Short-horn, steer International.
 INDEPENDENCE LADY, five times junior champion.
 CUMBERLAND'S BANNER BEARER, 2d prize bull at International.
 CUMBERLAND'S CHUNK 2D, 2d prize yearling steer at International.
 FARMER'S FRIEND, 2d prize Short-horn steer at International.
 COUNTESS CUMBERLAND, three times 1st prize winner.
 See A CUMBERLAND, 1st son of Cumberland's Last, and a call of unusual promise. See KING MARENCO, the greatest of them all. ALL SINCE 1900.

OUR HERD BULLS

CUMBERLAND 118578, by King James, dam Imported Cloverflower.
 KING CHAMPION 191878, by Champion, dam Gladiolus.
 MERRY MARSHALL, by Imp. Merry Hampton, dam Charmer 11th.
 CUMBERLAND'S LAST, by Cumberland, dam Imported Lady Douglas.
 KING MARENCO, by King Champion, dam Imported Lady Marengo.

Send for our 100 page illustrated catalog, the best ever. Address,

C. A. SAUNDERS, MANILLA, IOWA

Please mention Iowa Homestead when writing for catalog.

Dec. 20, Audubon Co. Short-horn Breeders' sale at Audubon, Ia.

COLS. WOODS, BELLWS AND JONES, AUCTIONEERS.

Dec. 21, Combination Short-horn sale, Manning, Ia., Jos Wilson, Mgr

RED POLLED CATTLE.

50 Head of Red Polled Cattle 50 FOR SALE.

I WILL sell my entire herd of 50 registered Red Polled cattle, or any part thereof. These cattle have a large per cent of imported blood and include some Imp. cows. Twenty head are now giving milk while the remainder is as follows: 4 three-year-olds, 6 two-year-olds, 13 yearlings and 10 calves. It is practically a female offering aside from the herd bull Forester 13255. Address for particulars, W. D. McTAVISH, Coggon, Linn Co., Ia.

POLLED DURHAM CATTLE.

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER,
 Kalona and Wellman, Iowa.

Double Standard Polled Durhams.

HAVING rented my farm, I will sell my small herd of nine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right.

W. E. LOUGHARY, Packwood, Iowa.

F. A. MURRAY, MAZON, ILL.

Breeds POLLED DURHAMS.
 STOCK that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

ABERDEEN ANGUS CATTLE.

Allendale Doddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, I will pay you to investigate. When writing mention The Homestead.

R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus, 175 head in herd—Herd bulls, Maplehurst Proterous 47351, Male Lad 2d and Gardner's Pearl Roseguy 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

ABERDEEN ANGUS & POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

Pleasant Hill Angus

SPECIAL prices for 30 days on 10 bulls, 20 cows and 5 heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 2475, a prize-winner and sire of prize winners.

J. NISSEN,
 Meservey, Cerro Gordo Co., Iowa

A CAR LOAD OF

SHORT-HORNS

FOR SALE

On Tuesday, Dec. 18, '06, at Humphrey, Neb.

I will sell a car load of choice, young Short-horn cows, heifers and bulls. There will be a choice lot of young bulls, some old enough for immediate service, and will include some prize winners at the New Sharon (Iowa) District fair. These cattle will be sold off of pasture, but will be in good thrifty condition.

F. E. TERRELL - - - Montezuma, Iowa.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19068, Lowlander 21880 and Newton Hero 48150, 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

HIGH CLASS ANGUS BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABERLOUR, 41201, BELL'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to
 O. D. WRAY, Bloomfield, Iowa

10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

John E. Griffith,
 WASHINGTON, IOWA.
 (Mention Homestead.)

7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duchess, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, Kirkman, Iowa

SHORT-HORN CATTLE.

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boss Defender 95447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 63621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.
 Jas. E. Stephenson, Alburnett, Iowa
 Otter Creek Stock Farm.

JONES CO. HERD OF Herd {Sittytown Sort 173649
 SHORT-HORN CATTLE Bulls {Wampun of Way-
 side 243046
 WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

SPRING CREEK HERD OF SHORT- HORNS AND POLAND CHINAS.

VERY choice fall gilts and mules, a few spring pigs. Would sell my Scotch herd bull Archer 200327 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.
 C. F. Robe, Jessup, Iowa.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY SUGGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

G. H. George, Monticello, Ia., breeder of Scotch horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

SHORT-HORN CATTLE.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd leaders of the best of Scotch families by the imported Princess Royal bull, Prince Oederic 136399. Also a few choice Scotch heifers. Address,

I. BARR & SON,
 Davenport, Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN,
 COLO, IOWA

BLUFFVIEW SHORT-HORNS

A FINE BRAWNED BUD BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, Newton, Iowa

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale. John Lefebure, Fairfax, Ia.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charmer. Also 12 young bulls from 6 to 20 mo. old by Imp. Kinellar Stamp.
 A. J. GRAVES & SON, Ames, Iowa

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149583 and out of Imp. Augusta Bruce, a grand good bull, a herd leader. Write me quick.
 J. D. McDERMOTT, WIOTA, IOWA.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

SHORT-HORN CATTLE.

W. A. FORSYTHE
GREENWOOD, MO.

Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

9 Short-horn
BULLS FOR SALE

At Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMONT, IA.

Bargains in

Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208998. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

HUGHESDALE

REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER,
KEANSBURG, - ILL.CRUICKSHANK
BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.WALNUT HILL HERD
REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov-at-Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135256.

M. D. YARD, CRAWFORDSVILLE, IA.

When writing please mention this paper.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Roy, an Avalanche. A choice herd header. Smooth, blue quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

CHRISTMAS GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable Xmas present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make Xmas presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead, NEW SHARON, IOWA.

MILKING SHORT-HORNS.

WE have a number of yearling bulls for sale. We milk all cows and hand raise all calves. All animals guaranteed breeders and pedigrees furnished. BLACKMER & NELSON, Albert Lea, Minn. Farm one mile from town.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

JERSEY CATTLE.

JERSEY
CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

CHESTER WHITE HOGS.



Spring Pigs All Sold

WE have now to offer 60 choice fall pigs and are going to sell them cheap. If you want something choice we have it here in these fall pigs. Write for large catalog and prices to James Fisher, Eastman, Crawford Co., Wis.

Modeler 13235 and W. F.'s Model 12101
AT HEAD OF

MODEL HERD

CHESTER WHITES.

to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am looking orders to be bred and shipped when wanted. Also a few choice White Fly, Rock chis. W. F. Hemmerling, Dike, Grundy Co., Ia.

MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Napoleon, Illinois

PIONEER HERD OF CHESTER WHITES.

100 CHOICE March and April pigs. Heavy-boned, strong backs. Good head and ears, and straight on feet. From three extra good boars. Dams mostly from the great boar Pioneer. I am selling quality—not fat. I ship on approval. Farm adjoining town.

A. A. HUMMER,

KESWICK, IOWA.



Lawshe's Prize Winning Chester Whites.

100 HEAD. I have a splendid lot of fall and spring boars sired by my noted prize winning boars Monarch Jr. 13101 and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs, 1st and 2nd prize at Inter-State Fair, St. Louis, City, and 1st in yearling and reserve in champion class at the World's Fair, St. Louis. Open and bred sows in season. Write me. Geo. H. Lawshe, R. R. 3, Harlan, Iowa.

The Wildwood Herd Chester White Hogs

THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

W. W. VAUGHN, - MARION, IOWA.



BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

Bluff Road Herd Chester Whites

FALL boars all sold, but I still have a few spring boars for sale, also an extra good lot of gilts ready to ship. Write for description and prices. Farm two miles east of town.

D. H. LEWIS, R. F. D. 6, - GENESEO, ILL.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the lot of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the lot of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

Pleasant Grove Herd Chester Whites.

15 FINE boars for sale, and some choice gilts, bred or open. Also one good aged sow bred to farrow in March. Prices reasonable.

J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa.

Irving Herd Chester Whites.

40 HEAD April farrow. Large growthy pigs. Either sex for sale. Prices right.

F. L. MARSH, - IRVING, IOWA.

Chester Whites.

Farmers' Prices.

I HAVE 20 well bred April boars and about 50 bred sows and gilts for sale at farmers' prices. S. J. Philson, Harlan, Iowa.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 455, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

CHOICE Chester White Boars, sired by Hobson 11989, and Ring Leader 12225. Prices, \$15.00 to \$25.00. Write me your wants. Jas. C. Webber, Prop. West View Poultry & Stock Farm, Montezuma, Ia.

OHO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebush, Sciota, Ill.

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

CHESTER WHITE HOGS FOR SALE

YEARLING and April males, S. L. Wyandotte chickens and 200 head of recorded and grade Angora goats. Correspondence solicited.

R. P. DOWNING, - Albia, Iowa

25 Large, Growthy Chester White Boars

FOR SALE—Of March and April farrow; will weigh from 200 to 250 lbs. Have had the run of clover pasture all summer. Have been bred right, fed right and will be priced right. Write me before you buy. F. A. Trumbauer, Patterson, Iowa.

IMPROVED CHESTER WHITES

BOARS 200 to 250 lbs. at \$15 to \$25 each. Gilts bred or open. Four yearling sows at \$25 each.

E. J. TRUMBAUER, - Patterson, Iowa

MY SPECIALTIES

CHESTER WHITES. Pairs and trios not akin. Ship nothing but the best. Satisfied customers. Write for descriptions and prices.

N. A. RANCK, - NIOTA, ILLINOIS.

I HAVE Chester White boars and sows for sale that have the bone and quality to make them first-class and are sired by a State Fair prize winner. For particulars write me. Prices right. F. E. Wentz, Mexico, Mo.

CHESTER WHITES—Choice March and April boars. They are bred right, fed right and priced right. I can please you. J. A. Bell, Allison, Iowa.

20 CHESTER WHITE boars, weigh from 140 to 180 lbs. Some good gilts and yearling sows, bred or open. Chester Bloom, Bridgewater, Ia.

CHESTER WHITE HOGS.

BOARS AND GILTS

THE Iowa State College offers for sale some choice early boars of the following breeds: Chester White, Duroc Jersey, Tamworth and Yorkshire; also a good lot of young gilts of the various breeds, including Poland Chinas and Tamworths, and six young bulls, three Holstein and three Red Polled Address,

DIVISION OF AGRICULTURE,
Iowa State College, Ames, IowaHARDIN BROS.
CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, half and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,

F. P. & J. J. Hardin, R. 6, Llan, O.

HUMBERT & WHITE'S

"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,

F. D. HUMBERT, Neshua, Iowa. F. P. WHITE, New Hampton, Iowa.

A. M. Ellsworth, Grand Ridge, Ill., breeder Chester White Swine. 200 spring pigs representing best families of breed. Can furnish pairs or trios not related. My pigs are of the large, smooth, heavy boned type, with best of feet and legs, and will suit most discriminating buyers. Write or visit me if in need of good Chester Whites.

CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address

W. M. MERCER, AURORA, ILL.

A Few Chester White Bargains

BOARS all sold. Have only 10 gilts left. We have the best bunch of Sept., 1906, farrow we ever raised. There are good herd headers for breeders.

E. L. NAGLE & SON, Deep River, Iowa.

T. A. STEVENSON,

Shannon City, Iowa. BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

ALLEN BROS.

40 O. I. C. Boars—March and April Farrow

THE long, heavy-boned prolific kind, from litters that averaged twelve pigs. Call or address,

ALLEN BROS., - Russell, Ia.

Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.

JNO. CRAMER, BEATRICE, NEB.

Poplar Grove Herd of O. I. C. Swine

ONE of the finest 'up-to-date' herds in the northwest. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment.

W. R. WEBB, Spencer, Iowa

I Pay Express Charges

and ship C. O. D. choice Improved Chester White pigs of both sexes. Write for illustrated catalog free.

B. M. BOYER, Farmington, Van Buren Co., Iowa

SHADY LAWN HERD

OF CHESTER WHITE HOGS.

A CHOICE lot of boars and gilts of March farrow for sale. Stock guaranteed as represented. Address, JOHN LEFEBURE, FAIRFAX, IA.

PUBLIC SALE of Chester Whites December 19. 23 brood sows, 10 boars. Good railroad connections. B. R. Burt, Coggon, Iowa.

BERKSHIRE HOGS.

IDEAL HERD OF BERKSHIRES AND SHORT-HORNS.

WE have for sale one extra choice boar pig, farrowed April 15th, weight 260 lbs, sired by Conquest 2d 75301, dam Dolly Farden 77002, a daughter of Pretty Face 63103, 1st prize aged sow, Inter-State Fair, '06. Five choice June boars, wt. 150 lbs. to 175 lbs., sired by Benjamin's Faithful, an imported bred boar. All of the early spring gilts we care to spare are now sold. A few good open June gilts. One red, yearling Scotch bull, sired by Gondolier 131273 and out of a Victoria dam. Write, phone or come and see me. C. S. Buckley, Holstein, Ida Co., Ia.

BERKSHIRE BOARS.

A FEW choice bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs.

SYLVANUS HAWORTH, - New Sharon, Iowa

T. J. CONGDON'S Winning Berkshires have won very choice pigs, sired by the great Chamer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you.

E. H. DANCER, Lamoni, Iowa

BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address

C. T. AYREN, Osceola, Clark Co., Iowa.

BERKSHIRE HOGS.

**BERKSHIRE
—BOARS—**

FOR IMMEDIATE SERVICE.

I can please you in quality
and price. Address,
GEO. S. PRINE,
Oskaloosa - Iowa

Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired
by Royal Combination 11, a grandson of Lord
Premier, also a son of Masterpiece. Spring boars
are large and growthy with plenty of quality and
finish, of April and May farrow.

L. F. Boyle, Hennepin, Ill.

Heavy Weight

Berkshires

ATTENTION! Are your hogs too small and thin
boned, with a disposition to run out? If so, come
to me and I will fix you out with a big boned, short
legged, broad backed, heavy quartered Berkshire
Boar, with an extra back, wide spring of ribs and
very short, broad dish face. I will do it at
farmers' prices.
W. D. McTAVISH, COGGON, IOWA.

LARGE English Berkshires. Boar pigs, March far,
row, heavy boned, growthy fellows. Also gilts.
bred. Write for prices. **W. A. Bender,** Rowley, Ia.

HAMPSHIRE HOGS.

**HAMPSHIRE
HOGS**

30 SPRING BOARS by Stone's Duke. 1st prize
boar Illinois State Fair 1906. I am breeding for
early maturity, prolific families, quiet dispositions,
purity of color and muscular action. 30 bred gilts
ready Dec. 1st. Write for prices and descriptions.

Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

LARGE YORKSHIRE HOGS.

LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to
imported and prize-winning boars, for shipment
this winter. Boars all sold.

THOMAS H. CANFIELD,
Box 2, Lake Park, Minn.

YORKSHIRES.

THE type the Packers want. Service boars now
ready to ship. Prices low for quick sales to make
room for full litters.

Mondamin Farm, White Bear Lake, Minn.

POLAND CHINA HOGS.

HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence
97557, Grand Chief Tecumseh 2d and old Moss
Chief. I breed for size, finish and quality. A few
good fall yearlings fit to head good herds. Write me
for prices. **L. W. Hamilton,** Kearney, Neb.

Hustle On 105337 Heads Herd.
400-lb. fall males, large, heavy-boned Poland
Chinas. Spring males, the kind that all want.
S. L. Wyandotte and R. C. B. Leghorn chicks, \$1. S. H. cattle. Interstate
F. Ebendorf, Strawberry Point, Ia.

"WILD ROSE" HERD POLAND CHINAS.
140 HEAD sired by Keep On Jr., a son of the
great Keep On and one of the litters that won
2d at Des Moines; Unseen Thickset, a son of the
noted boar Thickset, and Standard Tecumseh. Can
sell you anything you want. Write me.
W. N. Booth, Danbury, Iowa.

Choice Lot of Spring Boars for Sale.
POLAND China pigs sired by Dude's Wonder by Ne-
mo L's Dude. These pigs are very choice. Also
pigs by Mogul, 1st and 2nd sweepstakes boar of Nebraska.
'05. Have several promising pigs that will be priced
worth their value. Will show Dude's Wonder this fall.
Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection
105015 and Keep On Third 108267.
Big boned, growthy fellows. Address,
Jno. Schmieder, Remsen, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very
reasonable prices for the next 30 days. Extra
large, heavy bone and as well bred as any one needs.
All pricing spring pigs. Address,
GEO. E. PATCH, Blandinsville, Illinois.

Poland China Hogs

FOR SALE: six yearling boars. Good length, large
bone and from large families. Sired by Perfection
E. L. 2d 110003. Price \$18 and \$20. Address,
Judy & Delashmitt, Salem, Iowa

BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a
son of Keep On and out of Perfection bred sow.
Plenty of size and bone. Prices right. Satisfaction
guaranteed.
BERT FRY, Plattefield, Bremer Co., Iowa

A SELECT DRAFT

**Hereford Bulls
and Heifers**

At Public Sale December 19, 1906

Blue Rapids, Kansas

At Hereford Association Barn

If you want bulls of this breed in carload lots, here is the
chance. Thirty-five are offered. Their breeding is first class and
they have been grown in such a manner as to insure future useful-
ness. They are sired by Baccalaureate 81587, Keep On 26th, Imp.
Roseberry and Kenswick Brick. These are a particularly strong
lot of sires and many are prize winners of note. The sixteen fe-
males are sired by the same bulls. They are bred to Onward 18th
by the undefeated March On 6th. The best of breeding throughout.

Send for Catalog.

E. R. MORGAN, Prop.

POLAND CHINA HOGS.

14 BIG STRONG, GROWTHY

March Poland China Boars

FOR SALE.

TWELVE of them by Gay Perfection 2d 97251. One by Radium (a sow of Perfection E. L.) and
one by Impudence 97557. These boars are of the most aristocratic blood known to the breed.
Will sell them at \$25 each while they last, except the Impudence boar which I hold at \$35. Im-
pudence was the sweepstakes boar at Des Moines last year. The greatest hog show on earth. The
dam of the fellow cost me \$187.50. For further particulars address the owner Joe Steward, Ames,
Iowa. Also two yearling scotch bulls, one by Leveaux, the other by Golden Diamond.

....ONLY A FEW LEFT....
But They're Good Ones.

OUR boars have been selling like hot cakes; only
have 20 boars and 10 spring pigs left. Some of
these by the double sweepstakes boar Matchless Jr.
Fall and spring gilts bred and ready to ship. These
by matchless Per., Matchless Jr., B's Chief Tecum-
seh 2d and Correct I know.

HENRY BROS., - LE MARS, IOWA.



MATCHLESS PERFECTION.

**WELLMAN HERD OF RECORDED POLAND CHINA
SWINE AND SHORT-HORN CATTLE.**

110 PIGS March and April farrow. Sired by my two great herd boars
G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a
specialty. Ten head of Scotch and Scotch Topped pigs for sale. Herd all
straight reds. Herd headed by the prize winning bull Laurel Knight 170762.
Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull
and boar, free on ap-
plication. Address, **C. F. SHAFFER,** R. Route
No. 4, **WELLMAN, IA.**

ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471,
the best 1,000-lb hog in the west, assisted by Perfect Chief II 37628, and Winsome Dude II
39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for
a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of
sows for sale. Address, **E. F. ESCHER,** MANNING, IOWA.

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection
39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can
suit you. Address,
WM. RAY & SON, DEFIAUCE, IOWA.

110---POLAND CHINAS FOR SALE---110

INCLUDING 3 fall yearling and 35 spring boars of Feb., March, April farrow; also 75 sows ranging in age
from 3 years old down to spring gilts which will be sold, open or bred in pairs or any number wanted un-
related. Write for breeding, description and prices.
BRIDGEMAN & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.

25 Large Frame and Heavy Bone a Specialty.

INCLUDING 11 extra good fall boars with plenty of size and quality, sired by Ri-
val U. S. 89019, and 14 spring pigs sired by Rival U. S., Allright and Illinois
Lover. These pigs will be priced to move them, as I must have the room.
E. C. CAVERLY, Toulon, Stark County, Ill.

POLAND CHINA BOARS FOR SALE.

I HAVE several large, early, heavy-boned boars
of very best blood lines which I will sell very
cheap to quick buyers. I will stand return express
and refund price paid if pig is not as described.
C. H. DRAKE, Stockport, Iowa

LARGE POLAND CHINA BOARS.

THE get of All Dude 106413, the 800-lb. yearling,
1st under year at Nebraska 1904, winner in class
and head of first prize herd (breeder's ring), 1st in
class and champion at Minn. state fair 1905, and other
state and county fairs. Some 35 April boars by him
for sale. **Wm. Pedrick & Son,** Ottumwa, Ia.

When writing to advertisers please mention
this paper.

POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old
herd boar, King Pilot 107531. Rich breeding,
good individuals and priced low.
E. O. WOLCOTT, GILMORE CITY, IA.

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by
Perfect Perfection, out of G's Perfection and
Perfection E. L. dams. Also have pigs by Perfection
E. L. and G's Perfection.
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THE "General Utility" - "Nebraska Type" Grand
Look 38305, Champion Boar 1906. Bred Sows and
Pigs for sale. **H. C. Dawson & Sons,** Endicott, Neb.

POLAND CHINAS

FOR SALE: 20 Boars of March, April and May
farrow, sired by On Exhibition a grand son of
G's Perfection and Terrell's Wilkes 2d and out of
matured sows. These pigs have good heavy bone,
good length and are very growthy fellows with lots
of quality and will be priced worth the money.
Write at once. Address
C. W. PHILLIPS, NEW SHARON, IA.
Bred Sow Sale, Feb. 20th.

**CHOICE
POLAND CHINAS**

I AM now offering some extra good Poland China
boars and gilts of Spring farrow by H. G. Perfection,
he by Chief Perfection 2d, at reasonable prices.
Write for particulars. Six Hampshire runs by im-
ported Hammer bred ram, Hammer 192071 for sale.

W. G. Griffith, McNabb, Ill.

WILLOWDALE POLAND CHINAS.

MODERATE prices for the best blood of the breed.
Herd headed by Master Sunshine 7227, the
first ten-month-old pig to sell for \$1,000. His dam is
Grand Fashion U. S., best sow outside of Perfection
family. M. S. is assisted by Eldorado 106425, a 700-lb.
yearling with show ring quality. Will book sows
bred by either of the above for winter trade. A most
excellent lot of pigs sired by Master Sunshine, Eldo-
rado, C. Perfection 2d, Perfection E. L., Medler,
Corrector 2d, Spellblinder, E. J. Perfection, G's Per-
fection and Perfect M. Write for prices. Also
pure bred White Wyandotte cockerels, now ready,
one dollar each. **Harry R. Smith,** Maynard, Iowa.

**The House That Jack Built
FOR SALE.**

POLAND CHINA herd boar, Jack of Oak Lawn
81697, dam by Ideal Sunshine. Boars and gilts
from this royally bred hog, weight 700 lbs., for sale
at all times and all ages. 150 head to select from.
Brood sows, gilts, both bred and open, can be had
at Fairview Stock Farm.

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**POLAND CHINA
BOARS**

30 GOOD, large, heavy-boned Poland China boars
pigs for sale; weight 180 to 200 lbs. each.

T. A. Davenport, Belmond, Iowa

EVERGREEN STOCK FARM.

POLAND CHINA spring boars my hobby now.
Sired by Dorr's Tec and Grossman's Choice,
out of large, roomy, prolific sows. Prices low. Send
for catalog.
HENRY DORR, Remsen, Plymouth Co., Ia.

**GROWTHY, HEAVY-BONED
Poland China Boars.**

OUT of mature parents, best breeding, lengthy, vig-
orous fellows, 200 lbs. up. Customers well pleased.
999 sold in 12 years. S. Horn and P. Durham cattle.
P. S. & S. Barr, Box H, R. 4, Davenport, Ia.

Big, Growthy, Heavy Boned Spring Boars

Sired by Major Blain 31925, which I am pricing
well worth the money. Also some good gilts
bred for March and April farrow. These are the
large, useful kind. Address,
R. J. PECKHAM, Pawnee City, Neb.

SUNNY SLOPE Poland China boars and gilts of

March farrow, of the most fashionable breeding,
with good length and heavy bone and extra good
backs. Sired by Orr's Duke (88967), and Ringmaster
101091. I will also sell by herd boar, Orr's Duke
88967. Write to M. A. Easthouse, Hartley,
O'Brien County, Iowa.

20 BOARS. POLANDS. 40 SOWS.

CAREFULLY culled and well bred. Five March
boars that will make herd headers sired by High
Looker, a World's Fair winner, and Justice by Cor-
rector. Large prolific litters. My pigs will make 800
to 1,000 lbs. at maturity. Write for prices or call.
Special offer. **M. G. Arnold,** Strawberry Point, Iowa.

PRAIRIE VIEW HERD POLAND CHINAS

20 GROWTHY, heavy-boned March and April
boars and gilts, sired by S. B's Choice 106349;
also yearling sows and herd boar. Satisfaction
guaranteed. Long distance phone. Can ship over
Ill. Central, C. M. & St. P. or C. R. I. & P.
J. D. Vanhees, R. 5, Charles City, Iowa

100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Winner
Chief, Perfection Keep On and Black Joe. Some
choice prospects with size and finish. Special prices
for next 30 days.
DR. H. PRITCHARD, WISNER, NEB.

Sandquist Bros.,

OAKLAND, NEBRASKA.
BREEDERS of high class Poland Chinas. A plen-
did lot of boars for sale. Write us for prices.

POLAND CHINA BOARS AND SOWS.

BIG boned lengthy fellows with broad backs and
plenty of finish. By H. S. T. C. S. C. S. 58411 an
800 lb. hog in show shape. Their dams matured
sows. Priced cheap to move them.
J. B. McALLISTER, PAJO, IOWA.

POLAND CHINA HOGS.

BOARS
ALL SOLD

WE will sell our herd boar, Iowa Chief, after the 15th of Dec. He is sired by Ed. Klever's T-bone, and out of Lady Hart, by Ideal Perfection. Measurements: length from between ears to root of tail 58 in.; heart, 66 in.; flank, 66 in.; bone 9 1/2 in. He is not of a litter of eight and sires large even litters. One of the representatives of this paper pronounced him one of the best of the set boars in the West. We are also offering five Short-horn bulls, old enough for service, at very reasonable prices. Brood sow sale, Feb. 12, '07. Send for catalog after Feb. 1st. Col. F. M. Woods, Auct.

RUEBEL BROS., ROCKWELL CITY, IA.

Poland China Bred Sows and Gilts

FOR SALE.—Sired by great boars and bred to 1 1/2 bushels. 2d prize boar at Sioux City, and onward, a son of Keep On, bred for April and May farrow. Write and describe what you want. A. C. LANHAM, Battle Creek, Iowa.

HURRY

IF YOU want one of those large Poland China boars or gilts. Address,

W. C. WENDT & SONS,
Ideal Stock Farm,
Route 2, - Donnellson, Iowa

LASTING GROWTHY POLANDS. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B. by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are A1 boars. J. C. Hoag, - - Manson Ia.

DUROC JERSEY HOGS.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices. L. H. Bryann, R. R. 1., Neponset, Ill.

80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA
THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

BOARS! BOARS!

FOUR HERDS. Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794.

BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, Crimmon I Am 43105, by Crimmon Wonder, F. A.'s Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred. F. A. STRONG, ORIENT, IOWA

50 Toppo Duroc Jersey Boars and Gilts

Sired by Junior Jim and Arion. A choice lot of breeding stock will be priced right—so they will go—during the next thirty days. If you want something good, write at once. R. C. POSTON, - - Corydon, Iowa

The Logan Valley Herd of Duroc Jerseys. DANDLION 12163 at head of herd. Have about 80 pigs for fall trade, 50 good male pigs from Dandlion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others. W. A. Peterson, Lyons, Neb.

HILLSIDE HERD of Duroc Jerseys SPRING BOARS & GILTS OPEN AT BENSON, NEBRASKA \$15 PER HEAD.

WOLF CREEK HERD of DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

CHOICE DUROC JERSEY Spring pigs of March and April farrow, good weight, bone and color. Frank Warver, Mt. Pleasant, Iowa.

FIRST-CLASS DUROC BOARS. MAY farrow, 6 to 7 inch bone, crowding 200 lbs. In breeding shape, at bargain price of \$25 each. Roy E. West, R. 1, Box 6, Churdan, Ia.

SPRING boars sired by fancy Crimmon Wonder. Priced for quick sales to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

KEAN'S Growthy Durocs—All ages, the best of breeding, extra large bone. Also one yearling and aged male. Frank Kean, Mt. Pleasant, Iowa

DUROC JERSEY BOARS—SHROPSHIRE RAMS S. M. DEXOE & SON, Mason City, Iowa.

IF you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

MIDLAND DUROCS 15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Huxhamton, Iowa.

THE Grenfell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fat, prolific, pedigreed, 5 strains. J. C. Jay, Mt. Pleasant, Iowa.

DUROC JERSEY HOGS.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as A's Chief 43327 N. 15723 A, by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, by Winchester Chief 10977, by Morton's King 8725, Tientin 17261, Imp. Wonder 4381, A. L. Advance 4331, Odebolt Chief 38271, son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; fat, but not least, Ohio Chief, two sons of this great sire and show boar. Tientin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address,

P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 88-3, RADCLIFFE, IA.

Ohio Chief Male Pigs For Sale

I HAVE three extra good Ohio Chief male Duroc Jersey pigs that I will price right, if taken at once. Also pigs by Adams Express, a full brother to Crimmon Wonder. Male pigs by ten leading sires. I can suit you. Write me at once.

FRANK ALLDRITT, NEBRASKA FRIEND,

CRIMMON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimmon Wonder I Am for \$100 service fee. Address,

U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 5393; dam those Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 10930 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 85492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times. STOW & GINGICH, HAMBURG, IOWA.

POLK COUNTY HERD DUROC JERSEY SWINE

50 choice gilts from the following strains: Proud Orion, Manley Orion, Granddaughters of Proud Advance, Bill K. Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars: a son of Tiptop Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices. Grand Sow Sale February 4, 1907.

ROY WEST - - - - - BONDURANT IOWA.

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

ROSEMARY DUROCS.

OLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

G. T. ROGERS, PETERSBURG, ILL.

RED SIDE DUROCS.

FALL gilts bred for summer farrow to extra good boars, Double Track and Fashion Boy, for sale at low prices for next 30 days.

Fred Schweizer, Elwood, Ill.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, - CEDARVILLE and XENIA, OHIO

30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 1452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address,

JOHN WIGHTON, - - - Audubon Iowa.

LOW DANCE PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 toppy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

HARMON GRUVER, - - - Brewster, Minn.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

The "Nancy Herd" Durocs } FEBRUARY 25, 1907. } Pigs by Orion, Junior Jim, Critic's Echo, } Inspection invited. 125 pigs. Write us. } W. A. STAPLES & SONS, - - - GLIDDEN, IOWA.

IOWA BANNER HERD DUROC JERSEYS.

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. W. L. ADDY & SON, Parnell, Missouri.

Minnesota's Sweepstakes Duroc Jerseys. I WON 1st and sweepstakes in boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimmon Wonder I Am blood. Good boars for sale. Wm. Malcolm, Bigelow, Minn.

ULSTER PARK DUROC JERSEYS 25 BOARS and 50 sows sired by Ulster Chief 1425 A, 2d Duke of Ohio 2529, George Hur 40851 and Alfonso 40849. Write for prices. Address, M. M. ELMENDORF, LACONA, IOWA.

A FEW GOOD PIGS LEFT. I HAVE for sale two Ohio Chiefs, one Zoo V. Orion and a few other Duroc Jerseys that are good ones. W. D. PITTMAN, - - - Lake City, Iowa

FOR SALE. I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar. F. E. Garrett, Lehighville, Iowa.

DUROC-JERSEY BOARS. A CHOICE lot of March and April boars for sale, sired by the great Orion 3, 21655, Crimmon Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Wull Lake, Iowa.

100 CRIMMON WONDER DUROCS 100 I HAVE 100 pigs by Crimmon Wonder Jr., I Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief. Tolstoy, Advance and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

100 CRIMMON WONDER DUROCS 100 I HAVE 100 pigs by Crimmon Wonder Jr., I Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief. Tolstoy, Advance and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

DUROC JERSEY HOGS.

BUY A DUROC JERSEY BOAR

Sired by
Crimson Wonder Again

The Iowa State Fair Sweepstakes Boar.

I HAVE them and they are good ones. Also some choice boars by Little's Top Notcher. Order right away if you want one. Address,

GRANT SUMMERS, - - - Malvern, Iowa

A CHOICE COLLECTION

Of Duroc Boars For Sale.

DESCENDANTS of famous sires, Top Notcher, Ohio Chief, Improver II, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

Fagan, Browning, Hess & McCabe, HERSMAN, - - - ILLINOIS

Maple and Lawnsdale Herds DUROC JERSEYS.

Will sell a few Spring gilts bred to Illinois Chief, the sensational boar recently purchased by us. Also will breed a few sows to Illinois Chief and the noted boar, Hambletonian, at a reasonable fee. Address either

MANLOVE BROS. or J. H. NORRIS, Bowen, - - - Illinois.

FANCY DUROC JERSEY SWINE OF BOTH SEXES FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker I and other leading strains. C. W. WOLF, HAMPTON, IOWA.

I HAVE THE TOPPIEST OHIO CHIEF BOARS

FOR SALE. Also boars by Proud Advance, Keep On, W. L. A.'s Choice Goods, out of my great brood sows. Buy a good one. I have them. Write H. A. SEXSMITH, GREENFIELD, IOWA.

SEPTEMBER DUROC JERSEY BOARS

A \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

LARGE, ROOMY DUROCS.

I CAN sell you as growthy a lot of Durocs as you will find anywhere. Pigs sired by such boars as Ham's Challenger and Theodore 2d. Stock priced worth the money. F. A. HAM, SARONVILLE, NEB.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

Greene County Herd Duroc Jerseys. OWNED by L. H. Roberts & Son, Paton, Iowa. We have for the season's trade 200 head of Duroc Jerseys, largely of the treasured, exhibited and sold by the late Wm. Roberts & Son. Present herd boars are 2 yearling sons of Ohio Chief and King of Iowa. 50 big boar pigs ready to sell. Write mentioning this paper.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - - - BLAIR, NEB.

PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys. OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow side will be Jan. 23, 1907. Write us and find out what we have to offer.

DID YOU SAY BOARS?

INDIVIDUALLY and in blood lines the Averdale I boars are as good as can be found. Shall we tell you about them? Your money back, if we misrepresent them. A. M. Avery & Sons, Phone Averdale Line No. 3, Mason City, Iowa.

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good. R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

Smith Brown's Duroc Jerseys THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimmon Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year. If you want a good one write me. Address, SMITH BROWN, - - - Waterloo, Neb.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by him and Elm Lawn Top Notcher are offered at prices that should move them. Chas. Sobottin, - - - Calnesville, Mo.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars. Road Bros., (Swine Specialists), Luke Park, In.

I. J. LORTON, Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

Setting Sun Herd of Duroc Jerseys. EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.

I. C. Welch, - - - Bedford, Iowa.

DUROC JERSEY HOGS.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

HANLEY BOARS

FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd leaders. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

SHELDON BROS.,
A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

IOWA HERD OF DUROC JERSEYS.
(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 28163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Mauley Orion 3709.
2d prize boar in 18 months class Iowa Fair, 1905.
2 Mauley Orion, Proud Advance, Keep On 2d boars ready to go; also boars by Tientsin, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

Buddy K. IV.

1ST prize aged Duroc boar and champion at Illinois State Fair, 1905, heads herd. I have an extra good lot of fall and spring boars for sale sired by this noted boar. High scoring Rhode Island Red cockerels for sale at reasonable prices. Write your wants.

ED. A. BAXTER,
PAWNEE, ILLINOIS

WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow; sired by Top Notcher Model 37663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advancer and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R.

J.W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

Thos. Bennett,
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Bevington, Kingsley, Ia.

40 TOPPY DUROC JERSEY BOARS 40
Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alx, litter brother to the sweepstakes sow Alx II. Good ones.

AUSTIN RENSCHAW, Blair, Neb.

BOARS! BOARS!
BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions.
H. B. GRIFFITS, - Bowen, Ill.

MAY & PORTER,
REMINGTON, IND.

MAJOR'S CHIEF 30727 and Top Notcher Best 37663 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

10 DUROC boars. Let me describe a \$15 or \$20 boar; 10 inquirers intending to buy will clean them up. Try it. Pedigrees sent. S. S. Krebill, Donnellson, Ia.

DISPERSION SALE OF
SHORT-HORN
..... CATTLE

AT WEST LIBERTY, IOWA, DECEMBER 18, 1906

HERE WILL BE THE OPPORTUNITY TO BUY CHEAP
SCOTCH AND SCOTCH TOPPED SHORT-HORNS.

AS I will sell every Short-horn I own on the above date, numbering 55 catalog lots, there will be offered to breeders of the middle West an opportunity seldom equaled. There is 26 head of Scotch cattle, 29 cows of breeding age, 10 bulls including Imp. Favorite. Five Top Notcher Scotch bulls in this offering. Twenty calves sell with their dams. Instead of the two days' sale contemplated, I have concluded to sell the calves with their dams in this one day sale. Address for catalog,

C. S. BARCLAY, WEST LIBERTY, IOWA

COLS. F. M. WOODS AND R. W. BARCLAY, AUCTIONEERS.

HORSES.

CLOSING OUT SALE OF REGISTERED

PERCHERON STALLIONS AND MARES

To Be Held at My Farm Six and One-half Miles Southwest of

Perry, Iowa, Wednesday, December 19, 1906

21 HEAD

8 very choice Stallions ranging in age from yearlings up.
12 head Mares and Colts. 1 Shetland Pony.



The mares range in age from yearlings up. Ten of them will be bred and safe in foal to the great prize winning stallion Narcisse, (42440) 21992.

There will Be Some Splendidly Matched Teams of Registered Percheron Mares in This Sale.

42 Head of Cattle: 2 registered Short-Horn Cows, 2 registered Short-Horn Bulls, 18 grade Steers, yearlings and two year-olds, 20 grade Cows & Heifers

Col. Griff Johnson, Auct.
Howard Rousch, Clerk.

J. R. Mills & Son, Perry, Iowa

DUROC JERSEY HOGS.

SHORT-HORN CATTLE--DUROC JERSEY HOGS
80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

WELCH'S POPULAR PRICED DUROC JERSEYS
I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address,
S. I. Welch, Cherokee, In.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.
DELMAR McCANN, - KENNARD, NEH.

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address
Arch Brown & Sons, Waterloo, Nebraska.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

DUROC JERSEY HOGS.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

ATHELRED 29069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.
MANLEY & CO., LYONS, NEH.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd of bull Expansion at a reasonable price. No swine for sale now. Spring sale February 13 1907. J. B. Davis & Son, Fairview, Kan.

DUROC JERSEY HOGS.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambleton (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, Portsmouth, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee, Dice & Garber, Beaver Crossing, Neb.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

DISPERSION SALE OF

Short-horn Cattle

AT

Stanwood, Iowa, December 20th.

OWING to old age I am leaving the farm and offer at auction my entire herd of Short-horn cattle, consisting of 36 females and 7 bulls. They are all richly Scotch topped and are a very prolific and useful lot. I will include my 2 herd bulls, Baron Taylor 172837 and Diamond King 234716. Both are reds and exceptionally thick. This will be a splendid opportunity to buy good Short-horns at your own price. Address for catalog and further particulars

JAMES BURKE, . . . **STANWOOD, IOWA**
Col. GRIFF JOHNSON, AUCTIONEER

HORSES.

PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

Percheron Stallions and Mares.

I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1650 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

JESSE S. GOLDER, . . . Scribner, Neb.

Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2380 lbs.

NICHOLAS STAMM,

Letts, . . . Iowa

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

JACKS.

FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.

When Writing to Advertisers Please Mention This Paper

Greeley Horse Importing Co.

Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT, GREELEY, IOWA.

PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$600 each. Address, E. Fugler, Creston, Iowa.



HORSES.

FRANK IAMS

"Special Train" arrived August 14, 1906, carrying 120 "Peaches and Cream" Stallions. They are "Iams' kind," the "Best ever." Winners and "Sons of winners." \$1,000 and \$1,500 buys Imported "Topnotchers" of Iams. Watch "Iams' Smoke." He has his "Selling Clothes" on daily. No buyers with money or bankable notes get away from Iams. He buys, owns and sells more first-class draft and coach stallions than any man in U. S. "Whoa Bill"—Buy a stallion this fall—"Save \$200" and get choice of Iams' barns filled to the roof with

168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

Mamma—Iams always has the best horses at Nebraska state fair. Iams' 2, 3 and 4-year-old Percheron and Belgian stallions won every first prize (bar one) and sweepstakes prize in both breeds (over all) and many second and third prizes. Iams' "Black Boys" are "Hot Stuff" for competitors; and Iams saves buyers all commissions and middlemen's profits. Iams is not in the "Stallion Trust."

\$1,000 SAVED AT IAMS \$1,000

Ikey, what a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "Topnotchers" so good, big and cheap that they do not need to be peddled to be sold. Mr. Buyer, see Iams' stallions yourself. Take no "gold brick stallion salesmen's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eyeopener and greatest horse catalog on earth. References: St. Paul State bank and Citizens National bank.

ST. PAUL, NEBRASKA.

THE Lafayette Stock Farm

Lafayette, Ind.

Largest importers in America of Oldenburg German Coach, Percheron and Belgian stallions and this no man can dispute. Our importation of 1906 arrived November 15th. We have won more blue ribbons in 1906 than all other importers combined.

At the great Illinois State Fair at Springfield we won, out of fourteen shows, twelve blue ribbons in the Percheron, Belgian and German Coach classes. We won the championship offered for the five best Percheron stallions owned by one firm and also the same championship offered for the best five Belgian stallions. We won the championship for best Belgian stallion and second, third and fourth in that class. At all other fairs we have done as well and we can show buyers more good, serviceable draft and coach stallions than ever before.

Our exhibition in 1906 at the great International surprised the hundreds of thousands of visitors that attended. We can and do sell our stallions as low as they can be sold at any place in America.



DEPARTMENTS

SEDALIA, MO. NASHVILLE, TENN. SAN JOSE, CAL.

S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

25 Percheron stallions, among which are prize winners in France, coming three and four, weighing 1,900 pounds, all dark colors 25

No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coachers you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.



Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



HORSES.

Breeders' Sale--200 Horses 200**BLOOMINGTON, ILL., IN COLISEUM, Jan. 9, 10, 11, 1907.**

Wed. and Thurs., Jan. 9, 10, Will sell 140 Reg. Percherons, French Draft, Shires, Clydesdale horses, mares, stallions.
 Friday, Jan. 11, Will sell 60 Reg. Trotters, Grade-Draft, Coach, All-Purpose and Saddle horses, stallions, mares and geldings.

These horses are consigned by the very oldest breeders in the state and out of the very best families and show herds that represent over 2,000 premiums to their credit. We don't claim to have all the prize winners of France, England or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield and other fairs in 1904-5-6. This will be one of the largest sales of pure-bred horses ever held in the state. These are the wide-as-a-wagon kind and a number of them will weigh over 2,000 pounds. We have some with fast marks and several good match teams and a number of gentleman drivers.

CONSIGNORS—Wm. Crownover, Hudson, Iowa; A. J. Dodson, Normal, Ill.; A. M. Storm & Son, New Lenox, Ill.; John C. Baker, Manhattan, Ill.; D. Augustin, Carlock, Ill.; Hurt & Reid, Arrowsmith, Ill.; Ed Hodgson, El Paso, Ill.; Ed Moots, Normal, Ill.; Barron & Raboin, Ashkum, Ill.; Geo. D. Enyart, Onward, Ind.; S. H. Johnson, Minier, Ill.; Downs Bros., Clinton, Ill.; Tisley Bros., Lockport, Ill.; Wm. Ritter, Arrowsmith, Ill.; Walter Allen, Dunlap, Ill.; W. F. McTaggart, Pana, Ill.; Bloomington Horse Commission Co., Bloomington, Ill.; Elvin & Campbell, Bloomington, Ill.; M. G. Murray, Holder, Ill.; Frank McCiure, Gibson, Ill.

COLS. R. L. HARRIMAN, JOHN D. SNYDER,
D. L. BROWN, AUCTIONEERS.

C. W. HURT, MGR., ARROWSMITH, ILL.

**Watson, Woods Bros. & Kelly Co.** Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

Watson, Woods Bros. & Kelly Co., LINCOLN HOTEL BUILDING, Lincoln, Neb.

Trumans' Champion Stud**WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.**

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.
 TRUMANS' Have the right kind.
 TRUMANS' Buy the right kind.
 TRUMANS' Always Imported them.
 TRUMANS' Now a Household Word.
 TRUMANS' Commenced with Prize Winners.
 TRUMANS' Imported more than anyone.
 TRUMANS' Know how to find them.
 TRUMANS' Know how to buy them.
 TRUMANS' Hence our success.
 TRUMANS' With our Customers.
 TRUMANS' Treat you right.
 TRUMANS' Treat you white.
 TRUMANS' Came to stay.
 TRUMANS' Have stayed.
 TRUMANS' Horses admired by the crowd.
 TRUMANS' Always looked for at the Fairs.
 TRUMANS' Always something sensational.
 TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.
 TRUMANS' Customers treated Honorably.
 TRUMANS' Customers stay with them.
 TRUMANS' Customers have confidence.
 TRUMANS' Customers not humbugged.
 TRUMANS' No loud childish talk.
 TRUMANS' No claiming what they haven't got.
 TRUMANS' Attend their own business.
 TRUMANS' Do honorable work in Show Rings.
 TRUMANS' Let the Public Judge.
 TRUMANS' Of their Exhibits.
 TRUMANS' Don't want dirty work.
 TRUMANS' Don't pay for it.
 TRUMANS' Won't have it.
 TRUMANS' Can do without it.
 TRUMANS' No shifty business.
 TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

TRUMANS' PIONEER STUD FARM
BUSHNELL, ILLINOIS.**OLTMANN'S BROS.**

LEER, GERMANY, - - - WATSEKA, ILLINOIS.

WE ARE THE PIONEER IMPORTERS OF THE German Coach Horse.

...We are also Extensive Importers and Dealers in...

Percheron and Belgian Stallions.**Our Buying Facilities Unsurpassed.**

The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

We buy better horses at less expenses than any other importer can possibly do and for that reason can give you a better horse for less money than you can buy elsewhere.

WRITE US FOR FULL PARTICULARS OR CALL AT OUR BARN.

OLTMANN'S BROS., - - - WATSEKA, ILLINOIS.

**M. L. AYERS - SHENANDOAH, IOWA.**

Importer and Breeder of

PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.

**ROYAL BELGIAN STALLIONS**

THE best and largest collection of Imported and native bred BELGIAN DRAFT HORSES.

Henry Lefebure, Linn Co., Fairfax, Ia.

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Minnsdnn & Wheeler, Fairfield, Iowa

TAYLOR & JONES,
WILLIAMSVILLE, ILLINOIS,
IMPORTERS AND BREEDERS OF
PERCHERON, SHIRE AND BELGIAN STALLIONS.

WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND SELLING BETTER HORSES AT FROM \$700 TO \$1,400 THAN ANY OTHER FIRM IN AMERICA.

We have a few sensational show horses that will come some higher, such as Arrowside Duke, first-prize aged stallion Illinois State Fairs 1905 and 1906 and at Chicago International.

Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DU HAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

Robert Burgess & Son, Wenona, Illinois,
Wichita, Kansas.

CHAMPION STALLION ILLINOIS STATE FAIR.
CHAMPION STALLION KANSAS STATE FAIR.
CHAMPION AMERICAN ROYAL KANSAS CITY.

SHIRE, PERCHERON,
BELGIAN and
HACKNEY STALLIONS

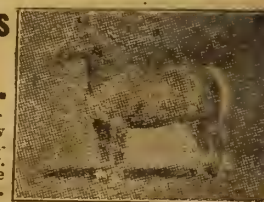
Good American Bred Stallions, \$800 to \$1000.
 First Class Imported Stallions, \$1200 to \$1600. Choicest Stallions a Little Higher.

NOTICE

Having concluded to make a change in placing Stallions before the Public account of the unsatisfactory business methods and transactions done in the Stallion trade to the Buyers as well as to the Sellers by the STALLION SALESMEN, we have concluded to sell our stud from the Barns. Our aim is to give our customers the entire benefit of the profits which have been going to the SALESMEN and to the helper assisting in placing the Stallion, who usually is one of your own neighbors (the most influential man of the neighborhood), and the great expense of placing the Stallion. The long time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the Stallion to the buyers or the companies from Two Thousand Five Hundred to Four Thousand Dollars. The Quality of our Stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. We know that we can save you at least 50 per cent. If it is necessary to arrange a company in your neighborhood in order to get a Stallion, form your own company and come to the barn and be convinced that you can save from \$1000.00 to \$1500.00. We ask all intending purchasers to visit our Stables, where we have over 300 head of Stallions to select from—SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS. Come to the barns and deal with Bob Burgess who has been in the business over thirty-two years, longer than any one man in the Stallion trade. Come to the barns and get the most reasonable terms that can be offered. Send for catalog.

PERCHERONS AND PERCHERONS ONLY.
L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.

**PERCHERON IMPORTING COMPANY,** CHARITON, IOWA.

YOU want an imported stallion of purest breeding. With a short back, upheaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

CHARITON, IOWA.



SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home-bred draft stallions, \$250 to \$800. Hurt Bros., Osceola, Iowa.



VOL. LI. NO. 51.

DES MOINES, IOWA, DECEMBER 20, 1906.

WHOLE NO. 2579

THE MOST PROFITABLE KIND OF STOCK.

One of our subscribers calls our attention to the fact that he has been asked to take part in the discussion at a farmers' institute and has been assigned the subject, "The Most Profitable Kind of Stock for a Farmer to Handle." He states that he is anxious to have an opinion on this question in the hope that something will be said that will fit into conditions in his locality and, therefore, assist him in preparing his paper.

This inquiry in the very necessity of the case is somewhat complicated for the reason that the conditions are not specifically known—that is, the conditions under which this man and his neighbors are operating, and in the second place, even if these were known, so much depends upon the taste of the individual that no specific rules can be laid down that will apply in all cases. The subject can only be discussed in a general way. While we will always have men who will make a more pronounced success in specialized farming than they can in general farming, at the same time the average man, if he attains success, is obliged to carry on what is usually termed general farming. This includes the growing of grain and the feeding of two or three classes of live stock, generally horses, cattle and hogs, and sometimes sheep. As an all-round money-maker, year in and year out, we have no hesitation in placing the hog at the top of the list, and we think that no quarter section in the corn belt should be without a few good brood sows, so that pigs may be kept growing into money all the time. Not that we would have more hogs raised than are being raised at present, but rather that we would have a better distribution, more being handled by some farmers and less by others. By the sensible use of mill by-products and those foods that are rich in flesh-forming constituents, like oil meal and tankage, in addition to corn, we believe that the percentage of chance of one losing his hogs is exceedingly small. Of course where nothing is fed but corn, both to breeding and growing hogs, the danger is greater. Then, in addition to this, disinfectants should be freely and constantly used, and where this practice is kept up, as said before, the danger of any kind of disease sweeping away one's herd is really not very great. When it comes to cattle, the choice must be entirely left to the individual. Some men have

the experience and knowledge to handle pure-breds and to make them profitable, and where this is the case we have no hesitation in advising them to take up that line. There is much more satisfaction and generally more profit in handling a good herd of pure-breds than there is in grades, though, of course, there will always be good opportunities for the man who has good grade cows and will use good pure-bred males for the purpose of raising thick heifers and good steers. Animals intended for the block must be of the early-maturing kind, because the day has passed when these can be reared on corn belt land and carried thirty or thirty-six months before they are finished. Generally speaking, one should have them finished around the eighteen months or two-year mark, and they should weigh well up to thirteen or fourteen hundred at that time.

Then we have the horse proposition,

and in this department of animal industry as applied to the corn belt the policy of farmers on the whole is not sound. We have our big horse men and big breeders, while scattered here and there throughout the corn-belt are found comparatively few small farmers who are breeding registered horses. In the European countries it is an absolute fact that 75 per cent of all the pure-bred horses raised come from the farms of those who operate but a small acreage, and generally from those who rent land. One man will keep a pair of mares and aim to raise two colts each year. These grow into the good heavy drafters that come into this country. There is no reason why men in the corn belt could not handle a pair of good mares on every quarter section of land, or even three or four—that is, good, registered mares. At present prices these would be immensely profitable and things look as though the business

would be profitable for years to come.

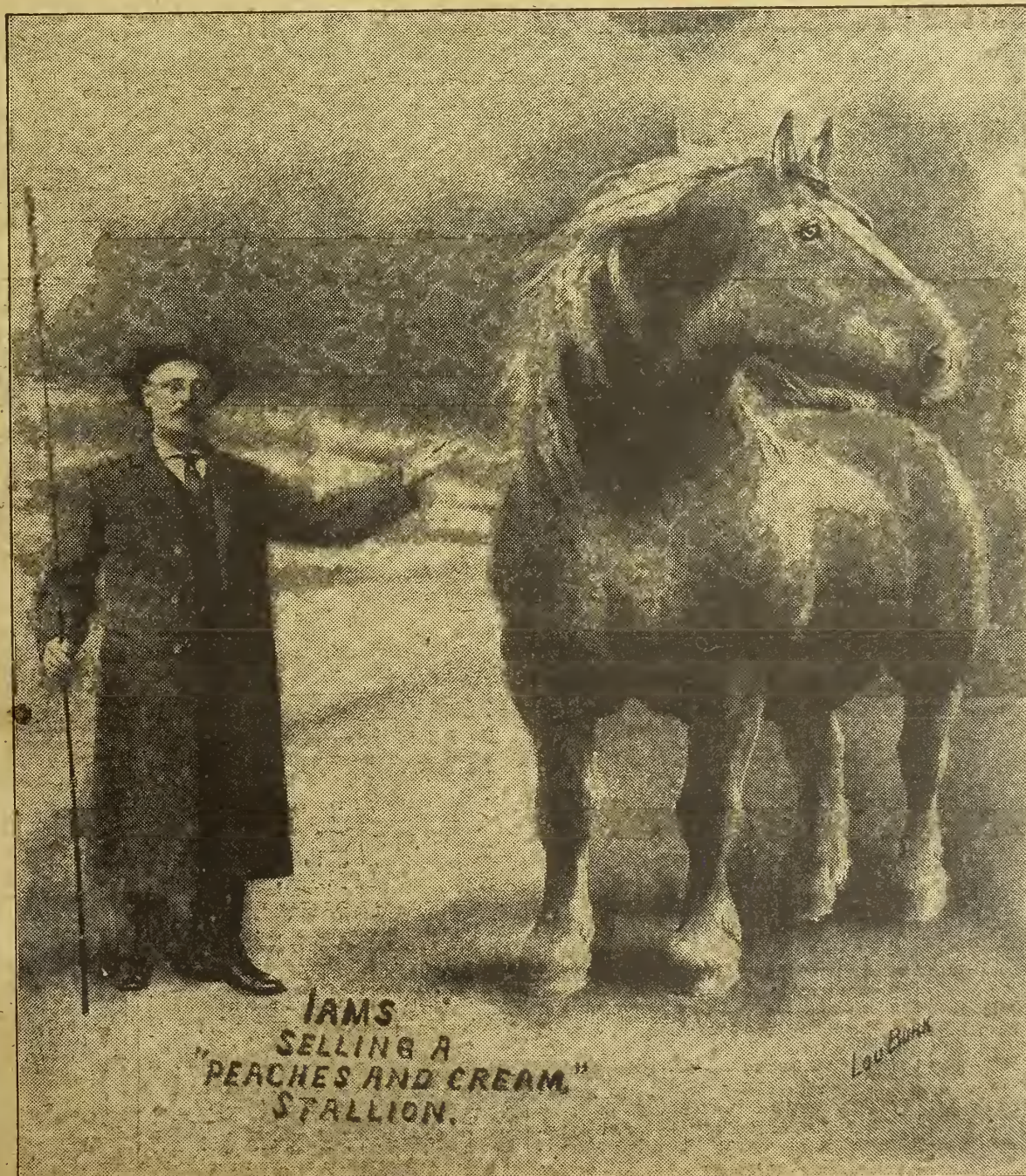
Then we have the sheep and the dairy industries, both profitable if sensibly carried on by men who have a taste for the business; but, as said before, the three main lines are the hogs, cattle and horses, and on the average farm we believe that some good ones of each of these three classes should be kept. In this way one gets away from the policy of putting all his eggs in one basket, and a failure along all lines is hardly ever a possibility anywhere in the corn belt.

CHOKING OUT PERENNIAL WEED ROOTS.

In the very nature of the case our readers are not specially interested in the question of weeds at the present time, though, of course, every man who has any pest on his farm is always anxious to benefit by the suggestions of those who have succeeded in destroying the same-kind of enemies. One of our subscribers, Mr. B. F. Reynolds, of Calhoun county, Iowa, sends the following communication relating to the destruction of morning glories:

Some time ago you asked how to kill morning glory vines and I have been waiting to hear from others. However, as I have seen no answer to the question I thought I would give my experience for the benefit of others. I have been experimenting with morning glories for three years and have finally found a satisfactory way to exterminate them. First I tried plowing the last of May, which thinned them out quite nicely. I then tried a patch that was very bad June 20th and sowed the same to millet, plowing again after the millet was cut, and this killed them entirely. Last year I tried about fifteen acres, plowing June 20th. The morning glories were so bad that they almost took the crop every year. I sowed the millet and had the same result as the year before. Plow as soon as possible after the 20th of June, plowing five or six inches deep. Be careful to cut a good furrow all the time so there will be no ground left unturned. Sow to millet and plow immediately after cutting the same and you will have no morning glories left. The morning glory pest is the worst one can have on his farm.

Experience has taught us that the plan that has been worked out so successfully by Mr. Reynolds is in no sense impractical or theoretical; it simply takes advantage of the fact that a weed like morning glory must be smothered out by preventing the formation of leaf and stem. When this can be done during a few months of growing weather the roots themselves rot, and consequently die. Of course this plan means that some other crop besides corn must be grown, and yet there is no special disadvantage on this score, because even millet is usually a profitable crop and can



IAMS
SELLING A
"PEACHES AND CREAM"
STALLION.

Low-Bunk

See Field Notes.

be used to advantage at all times where live stock is kept on the farm. Of course where morning glories have seeded profusely there might be a little trouble afterwards, and there might be circumstances under which this plan would not be so effective as it was in this case, but as a general thing, either in the case of morning glories or quack grass, if one will plow late and sow crops like millet, buckwheat or rape, these crops will go far toward smothering out the perennial pests.

MARKING HOGS AT A PUBLIC SALE.

A Nebraska subscriber sends the following communication:

In your issue of a late date one of your subscribers from Lake Park, Iowa, asks how best to mark hogs for a public sale. Having had considerable experience along this line, I desire to say that the universal way, and I think the best that has ever been used, is as follows: First make a set of dies from 0 up to 9. These can be made as follows: Saw out nine blocks size 3x4 inches, perfectly smooth on one side. Take an old felt boot and with a sharp knife cut out your figures from 0 up to 9 and tack them on the blocks. Use straight brads and get them as thin as possible. Don't use flat head tacks at all, as these will cause a depression in the felt where nailed and consequently will not permit the paint to show clearly. The next thing is to get a can of the very best white lead and a can of Japan drier and mix fairly thick. Oil or benzine can be used, but it is not nearly so good as Japan drier. When the latter is used it dries on the hog almost immediately and does not rub off. When benzine is used it runs and consequently the numbers are hard to distinguish. The oil does not dry quickly and is not satisfactory. Use Japan drier by all means and you can do a satisfactory piece of work in the marking of your hogs when making a public sale. When you reach two figures, say from ten and up, use two dies. To illustrate: Say you want to mark 15 on your hog. First take die No. 1 and stamp it on the back of your hog. Then take die No. 5 and stamp it just opposite the first number and you have the number 15. If it is a white hog you are selling, then use a little lamp black in the lead. After years of experience in the marking of hogs I believe this to be the best and most satisfactory for sale purposes.

We are pleased, indeed, to give our readers the benefit of this subscriber's experience, though he very modestly requests us to withhold his name. We will say, however, that there are few men in the corn belt who have had a better opportunity to make observations along this line and we believe his suggestions will be valuable not only to the beginner, but to experienced men who have not reduced the matter of marking hogs for a sale to a science. Of course, if anyone has a better plan, taking into consideration the effectiveness and the simplicity as well as cheapness, we shall be pleased to have a word on the subject from them.

HOW HIGH-PRICED CORN WILL AFFECT FEEDING OPERATIONS.

The following communication has been received from a subscriber, Mr. N. P. Peterson:

I was much interested in an article which appeared in your paper recently under the title, "Future Prices of Fuel Alcohol." This seems to me to be something that is of special interest to farmers of the corn belt, because, without doubt, it will increase the selling price of corn. However, I would like to know what effect this will have on feeding operations. At the present time too many of our farmers market their corn directly, and especially renters. Will the increased price that prevails in the future tend to lead to more grain selling? If it does, farmers will find in the very near future that what they gain in price will be more than lost in the decrease in yield, because no man can sell grain year after year from his farm and keep up the fertility supply.

It is a fact that when grain values are high, men are more reluctant about feeding it to steers and hogs, and consequently high prices do, after all, tend to the robbing of the soil. However, it is a question apart from price altogether to men who own land and who expect to hold it and to realize a profit on their investment. To these it is absolutely necessary that most of the grain grown on the farm should be fed. It may be that the prices in many cases on steers and hogs will be such as to afford but little margin of profit over market value for the grain and labor, but if this end is reached that in itself justifies the practice of feeding.

Every man should see that it is utterly folly to take from the land every year a heavy crop and not return to it something in the way of fertility in the form of farm-yard manure. It is a very different proposition to keep land in condition to produce sixty bushels of corn per acre, even if it only sells for forty cents a bushel, than it is to have it produce forty bushels per acre when corn is worth sixty cents per bushel. We have in mind one instance where a farm changed hands five years ago, and at that time it was so

The deposits in the state and savings banks of Iowa have increased \$26,079,587 in the past twelve months and now show the vast total of \$180,793,281. If the deposits in national and private banks were included, the total would be about \$350,000,000 and the year's gain about \$50,000,000. A state of affairs in which the average county in a state adds over half a million dollars to its bank deposits in a year can hardly be described without using the word, "prosperity." In fact, the state of Iowa never enjoyed a more prosperous era than the present; and what is true of Iowa is equally true of all its neighboring states, including Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri and Kansas. Great and varied crops, at remunerative prices, mean heavy deposits in banks and growing wealth for the agricultural states. Farmers never had more money to spend for the necessities and luxuries of life than they have at present. There are exceptions, but they only serve to emphasize the rule.

How quickly the prosperity of the farmers of the corn belt is reflected in The Homestead office is shown by the phenomenally rapid increase in our circulation in the past year. At this time last year it stood at 75,000, that figure being itself a handsome gain over the preceding year; but now it has safely passed the 85,000 mark and is hurrying on to higher levels. The percentage of yearly gain is almost exactly the same as that of the bank deposits, showing how vitally The Homestead is identified with the growth of the magnificent agricultural region which is its field of work. The gain in two years slightly exceeds 41 per cent.

The relative position of The Homestead in its home field is fully as gratifying as this magnificent showing of its absolute growth in circulation. It has greatly increased its long lead over all competitors. No other weekly agricultural paper published in Des Moines has anything like half so many cash-paying subscribers as The Homestead. The Homestead has fully twenty thousand more cash-paying circulation in Iowa alone than any other weekly farm

run down that forty bushels per acre was its maximum productive ability. This year we have learned that over a large acreage on this farm the yield has been sixty-eight bushels per acre. Many of the fields on the farm have been clovered and some of them have been manured and, of course, in addition to this good seed has been used.

While we realize that there is sometimes a little risk to run when one invests in a car load or two of steer and feeds them out, yet at the same time, as said before, if a man can get market price for his grain that is fed to his steers and hogs, pay for his labor and have the farmyard manure in addition, he is on the straight road to increasing his yield of crops, while on the other hand, if it is simply a matter of hauling it to the elevator, the land necessarily grows less productive year by year. We would like to see more steers fed by the small farmer and fewer by the "big man," because that means that the manure shall be put where the crops that are fed to steers have been grown and not wasted, as is usually the case, where large bunches of steers are fed.

INTERNATIONAL LIVE STOCK REPORTING CONTEST.

Many of our readers are aware of the fact that the Chicago Daily Live Stock World offered the sum of \$300, to be divided into twenty cash prizes, these to be awarded to agricultural college students for proficiency in reporting the cattle, horse, sheep and swine display at the recent International.

The result of this contest has recently been received from Mr. A. C. Halliwell, of the Live Stock World, who reports the winners in the cattle department as follows: First, W. A. Eldridge, Iowa; second, J. O. Rankin, Iowa; third,

paper published in Des Moines has in all the states of the Union put together. We are in the agreeable position of being able to prove every statement we make as to The Homestead's circulation by postoffice receipts of postage paid, and by submission of our subscription lists and subscription methods to any advertiser who is interested in knowing just what he gets for the money he pays for advertising. With two cash-paying subscriptions on our lists for every subscription on our lists for every subscription any other weekly agricultural paper in Des Moines can prove, and then many thousands to spare, the Homestead's primacy in circulation is as clear as its superiority as an advertising medium, and rests on the same broad basis—the friendship of the farmers of the corn belt.

"I desire to thank The Homestead for the customers it is bringing me and to wish you the best of success," writes Mr. B. M. Boyer, of Farmington, Iowa, breeder and owner of Plymouth farm herd of Chester Whites. "I enclose draft in payment for my advertisement to date. My hogs are going like hot cakes on a cold day. I have shipped eight head this week and received orders for seven more in today's mail." It is results like this that have placed The Homestead at the head of the list among agricultural weeklies as a live stock advertising medium. It is stating but the simple truth to say that The Homestead carries a larger number of live stock advertisements, representing a larger number of actual advertisers, than any other agricultural weekly in the world.

Our department of classified advertising is proving even more popular and successful this season than it did a year ago. The special arrangement whereby our classified advertisements are inserted without additional charge in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., appeals strongly to those who have anything to buy, sell or exchange. The low price of five cents a word for each insertion is especially attractive to experienced advertisers. The combined circulation of the three papers is over 165,000, covering the states of

C. B. Smith, Missouri; fourth, E. A. Wilson, Michigan; fifth, Howard Gerlaw, Ohio.

In the swine department the awards were made as follows: First, C. V. Gregory, Iowa; second, John L. Martin, Illinois; third, Angus McKenney, Ontario; fourth, Ellis Rail, Iowa; fifth, C. A. Nixon, Ontario.

In the horse report contest the prizes were awarded in the following order: First, W. A. Eldridge, Iowa; second, Ellis Rail, Iowa; third, E. N. Wentworth, Iowa; fourth, E. Stetson, Illinois; fifth, W. S. Jacobs, Ontario.

The awards made in the sheep department are: First, Fred Allen, Illinois; second, Robert M. Wilber, Ohio; third, H. Barton, Ontario; fourth, Ellis Rail, Iowa; fifth, John M. Ewart, Illinois.

MAKING THE YOUNG COLT "TOUGH."

The following communication has been received from a subscriber, Mr. C. L. Hardman:

At this season of the year many farmers who attempt to raise draft horses ruin them by starving them. From the time the colt is weaned in the fall until there is plenty of grass in the spring, he should have the best of care and feed and should be kept growing right along all winter. He will then be ready to make a big growth in the spring and summer after he is one year old. It is a common thing to see colts at one year old that are not as large as they were when six months old. It is too common a practice to take the mare from the colt in the fall before the colt has been taught to eat grain, and have him run on short pasture without grain, and later to give him the run of the stalk field without shelter, the intention being to make him tough, and if his general appearance is a true index he is tough indeed.

I think the better way is to teach the colt to eat oats before he is taken from the mare, and when it is time to wean him give him good care and plenty of oats. I have never seen a colt hurt by eating too many oats. See that he has shelter at night and during storms, with plenty of good water at hand, and allow him to have all the exercise he

Iowa, Illinois, Nebraska, Missouri, Minnesota, Wisconsin, the Dakotas, Kansas and Oklahoma. A minimum charge of \$1.20 is made for each insertion, that is, no insertion, even if less than twenty-four words, is accepted for less than \$1.20. To save the expense of bookkeeping on these small advertisements, cash is required to be sent with the order. No display type or illustrations are used, and a uniform style is maintained. In order to insure insertion, copy for your advertisement should be in our hands on or before Saturday of the preceding week.

The annual rush of Homestead subscriptions is now on, and work almost day and night must be the rule in our subscription department for the next few months. They are coming by thousands and tens of thousands, and every year sees the volume of subscription mail far in excess of any preceding year. Our "Red Letter Combination Offer" made wonderful gains last year, but this year's record shows, week by week, an increase over last year surpassing all expectations. This offer is five news papers and magazines for \$1.25 a year. The combination consists of The Homestead itself, the leading farm paper in the world; the Chicago Weekly Inter Ocean, the strongest family paper in the western metropolis; the Kansas City Weekly Star, noted for its courage and independence and its great qualities as a general newspaper; The Homemaker, the favorite monthly for farmers' wives and daughters—a delightful paper, constantly growing in favor; and The Farm Gazette, a beautiful monthly magazine of profitable agriculture, dealing with the industry from the standpoint of profit. Something good here for every person on the farm—for father, mother, sons, daughters, hired help and all! Farm lore for the farmer; horticulture for the fruit grower; technical information for the stockman, the poultryman; a lawyer's advice for one and all; poems, stories and miscellany in some of the publications for old and young alike. This is certainly a bill of fare for farm folk generally. Is it strange that they are flocking to The Homestead by thousands?

will take in good weather, giving plenty of oats and a little corn during cold weather. If you have been trying the starving method to toughen your colts you will be surprised at the difference in the colt if handled in the above way. He will be larger at one year old than your two-year-old that has been neglected.

It is true that many a colt is not any larger in the spring than he was when weaned in the fall, and the kind of treatment that brings this about is depicted somewhat clearly by Mr. Hardman.

We heartily concur in what he says about feeding oats to young colts, and we also have never known of an instance where a young colt was fed too many oats, providing, of course, that he was given reasonable care in other respects. A horseman of considerable reputation recently stated that it did no harm to let colts the first year have access to a self-feeder where there was kept a constant supply of oats.

The theory that harsh treatment in any way toughens a colt or horse has been exploded long ago, and while we believe in lots of fresh air and everything of that kind for young colts, yet we have found that where one is put in good shape early in life and his flesh is kept there until he is grown, he will be a much harder and tougher horse than if he is allowed to get low in flesh the first winter.

AWAY FOR THE WINTER.

California, Florida, the Gulf and Mexico. For pleasure and relief from "Jack Frost." Special rates and elegant service via The Washburn System. Only one change enroute, and that in Union Station at St. Louis or Kansas City.

36 hours to the Gulf.
48 hours to Florida.
67 hours to California.
84 hours to Mexico City.

Also, especially low round trip and one-way rates to nearly all points, first and third Tuesday.
For further information call on our address:
F. C. McMillan, D. F. & P. A. or L. R. Davis, P. O. Box 100, Des Moines, Iowa.

Farm Furrows

Turned by a Practical Farmer.

What will be the fate of the poor cow that becomes a victim of appendicitis?

Farmers who make money by skinning the farm are like companies who pay dividends by watering their stock.

Two dead and thirty-six violently ill is the result of a company of people eating wild parsnips in a Pennsylvania burg.

Many a farmer is thoroughly posted on all the details of his work such as dates of planting, and ages of domestic animals, but the age of some of the children proves a most perplexing problem.

There is just one trouble about all the scientific systems of training girls to be wives. They would consider themselves far too good for the few men who would be foolish enough to ask such superior persons to marry them.

Dry farming, as they call the method of tilling the land in the West, is nothing more nor less than cultivating the land in a manner so that the greatest amount of moisture will be conserved. The idea is to keep a dry dust mulch on the surface at all times.

Baled straw or cheap hay makes one of the best materials for the sides and ends of a winter shed that we know of. They have the advantage over the ordinary way of making a straw shed by requiring fewer poles and less lumber and are much more stable and lasting.

A man ought to go occasionally to a big city like Chicago so that he can enjoy himself afterwards simply by contrast. There is lots doing there, but the noise, smoke and dirt generally are too strong for the average farmer's stomach. I never was so glad to get home from anywhere as from this year's International.

The International Exposition was a mammoth affair this year, and is unquestionably the greatest fair held in this country or in any other country. However, the American Royal at Kansas City does not suffer much by comparison. The good herds are generally there, and the Royal has always been an exceedingly agreeable fair to attend.

Fifteen minutes spent early on a snowy morning with an old stone boat or drag in making roads will contribute as much to the comfort of the whole family as anything I know. When you are hitched up don't forget to go around the hog yard, so as to make them a good path and thus contribute to their health by making exercise easy.

After all a hen is much like a human; if plenty to live on is obtained with little effort, the tendency is not to take exercise enough. The outcome is indigestion. The hustling, moving hen, like the hustling, working man, is the healthiest. Just now there is an overabundance of corn lying within reach of all poultry at the cribs. This means little or no feeding in the ordinary way, of grain, at least. While many there

are who feed too little, there are some who feed too much, unknowingly—the waste of cribs and granaries.

Experiments are now being made in the entomology department of the Illinois State College with a kind of insect that appears to be a parasite on many of the corn-damaging insects. The corn-root worm, aphids, and white grub are said to die from its attacks. Loss to Illinois corn growers from insects this year will aggregate around \$5,000,000.

Next time that you see the secretary of the farmers' institute, ask him how things are getting along. Show your interest in the plans and arrangements and offer a suggestion or two. His office is a hard one to fill efficiently, and your encouragement may come just at a time when things look blue. The best institutes are those where the whole crowd pulls together.

Each year we see more side crops grown. Pumpkins have been freely fed on many a farm for a month or two this fall. Rape that cost practically nothing for the use of the land made the difference on not a few farms between a thin, lean lot of hogs and a thrifty, growthy bunch. Cane, millet, turnips, peas, etc., have each helped to solve the feeding problem for practical farmers.

In years to come we may be able to buy eggs grass flavor, corn flavor, garden flavor or any other flavor that suits our taste. There seems to be good grounds for the statement, as investigations have determined that onions fed to laying hens impart a very disagreeable flavor. The color of the yolk seems much more easily affected. Yellow corn gave yolk similarly colored, as was also true with white corn.

I have always been advising others to get their corn out in good season, but this year I got bumped myself. My aim was to have it in the cribs by Thanksgiving time, but if it is all in by Christmas I'll be well satisfied. Since the 5th of November we have been in the field every minute of good weather, so that after all I don't know who is to blame. Some of the men thought they could take out an acre and a half a day, but an acre holds them most of the time. My cribs are just a little bit more bulgy than they ever were before.

Sometime ago the Furrows man stated that it was his practice to husk a few rows all around the corn field first, so that the corn afterwards was not tramped down in turning at the end. A subscriber says that he has solved that problem in a better way, his plan being to sow clover and timothy on a strip about a rod wide all around the field. This prevents any tramping down and also answers an important purpose when cattle are turned into the stalks. He says that he has never lost an animal from stalk disease, and attributes this to the fact that they spend a good deal of the time on this pasture around the field when they are turned in.

Patrons of the rural mail delivery routes seldom buy postage stamps. Instead they include two coppers with each letter they put in the mail box. A country paper publishes this admonition: "Before you put your letter with two pennies into the box just think what it means to a man whose fingers are already chilled by several hours' exposure to pull off his gloves and fish out those pennies, repeating this process perhaps forty or fifty times in one day's delivery. It is apparently a small matter, yet it means a great deal to the carrier. Keep a supply of stamps on hand and thus save the already overworked and underpaid carrier much additional hardship."

CORN BELT MEAT PRODUCERS' ANNUAL MEETING.

The annual meeting of the Corn Belt Meat Producers' Association was held in Des Moines on Tuesday and Wednesday of last week. An interesting program was carried out in the presence of a large attendance of members. Unfortunately, the session was held during the same time at the State Farmers' Institute and Board of Agriculture meeting, and consequently the crowd was partially divided as there were many in the city who desired to attend both meetings. In the evening of the first day a joint meeting was addressed by President Stickney of the

How You Can Test Standard Stock Food Entirely At Our Risk.

We want you to use STANDARD Stock Food this season whether we have a dealer in your town or not. If you deal with us direct, we will take every particle of the risk of your being satisfied. If you are not or if the food does not do all we claim, then we will return every cent you have paid for it, and it shall cost you nothing. This paper stands behind this guaranty.

WE believe you will be fair with us. We want you to believe we will be fair with you—because we will.

Now if your dealer does not handle Standard Stock Food, we ask you to tell us and give us the privilege of making you our direct offer. We will ship you the amount of food you need to make a thorough trial, and if it does not do everything we claim, we will refund every cent you have paid. If you are not fully satisfied, it shall cost you nothing.

Can you ask a fairer offer?

Your animals are not like nature intended them to be; not like they would be under natural conditions. They are highly fed, quickly developed, and easy to get out of condition.

They need a little help from day to day—not medicine, or dope, or physic, but a condiment, a seasoning, to give variety to the feed ration, and make it taste better; a tonic to aid digestion and help get more nutrition out of the feed.

Your animals need a condiment, a flavoring, a seasoning just as you need salt and pepper, mustard, and catsup, sauces and gravies, and various flavorings and seasonings to make your food taste better; to aid your digestion.

Standard Stock Food makes the ration taste better so your animals eat with a great relish. It promotes the flow of all the di-



A Condiment-Tonic. It Makes Stock Thrive.

gestive juices so that they digest their feed more quickly, more easily, and more thoroughly.

Its tonic properties put the entire system in that prime condition which means more thrift, better finish, and bigger profits.

We can prove the value and the superiority of Standard Stock Food so fully on every point that all we need is the opportunity.

So we put it straight and plain—take all the risk—don't ask any conditions—nothing but your word that you will use the food fairly, thoroughly and according to directions.

A dollar's worth of Standard Stock Food contains more feeds, will go farther, last longer, and produce more and better results than a dollar's worth of any other stock food made whether it costs 6c or 15c a pound.

We know there is no question about Standard Stock Food paying you, and paying you big too. We have been making and testing it over 20 years. We have over 400,000 customers who have proved that it is the best condiment- tonic to mix with the feed ration that can be had at any price.

You take no risk. We guarantee absolutely, and without conditions, that it shall cost you nothing if you are not satisfied with it. You know that this paper would not print this advertisement unless we always make our word good.

We refer you to your own Bank, or to any Bank or business house in Omaha for information as to our responsibility.

Write Today For Our Direct Offer.

Tell us how much stock you keep, and we will tell you how much Standard Stock Food you need for a fair trial. If you request it, we will send you a copy, free, of our fine stock book, *The Standard Feeder*, regular price 50c, 160 pages, 200 illustrations, chock full of valuable information on the feeding and care of all kinds of live stock.

Standard Stock Food Company, 1516 Howard St., Omaha, Neb.

Great Western road on freight rates, and this meeting was exceedingly well attended. A. L. Ames, president of the association, was not present on account of serious illness, though it is reported that he is on the way to recovery. He was re-elected president of the association. The resolutions adopted by the association are as follows:

Resolved, That we congratulate the meat producers of the state and nation upon the victory which the American people have achieved by the enactment of railroad rate legislation, and we heartily appreciate the masterly efforts put forth by President Theodore Roosevelt, the member of the Iowa delegation in congress, and every patriotic citizen of Iowa who took an active interest in behalf of such legislation; that we unequivocally indorse the meat inspection law enacted at the last session of congress, firmly believing that a thorough inspection of all meats will increase the demand therefor in foreign markets.

Resolved, That we commend the action taken by the Corn Belt Meat Producers' Association and the National Live Stock Association in the organization of the Co-operative Live Stock Commission Company for the sale of live stock at the principal live stock markets, and we especially commend and indorse the efforts put forth in connection therewith by Hon. A. L. Ames, the distinguished president of our state association. We are confident that by taking this means of handling our own stock at market points we can thereby protect ourselves from unreasonable and extortionate charges, and we urge all of our members to avail themselves of the benefits and advantages which have been provided for by consigning their shipments of live stock to our own company.

Resolved, That we appreciate the faithful services that have been rendered to the agricultural interests of this country by Hon. James Wilson, that able and progressive exponent of the chief industry of the United States, who has discharged his duties as secretary of agriculture in a manner so eminently satisfactory that he is recognized as the foremost farmer of the age. His splendid career in the department of agriculture has reflected great credit upon our state.

Whereas, Congress at its last session enacted a meat inspection law in order that the whole world might know that our meat products are absolutely pure and healthful; and

Whereas, The purpose of this inspection law is to not only protect the health of our own people, but to extend our foreign commerce and trade in meat and meat products; and

Whereas, The value of such a law as a trade measure directly depends upon the confidence foreign countries have in the fairness and thoroughness of the inspection; and

Whereas, The confidence of foreign customers can be obtained and held only by the government of the United States having entire charge of all such inspection and bearing all costs connected therewith; therefore be it

Resolved, That we are unalterably opposed to any amendment to said inspection law which would require either the meat packers or live stock producers to pay any part of the fees or expenses connected with said inspection; and be it further

Resolved, That we most earnestly request, not only the congressmen from Iowa, but

from all other western states, to see to it that Secretary Wilson is provided with ample funds to carry out the provisions of said inspection act. We especially urge upon congress the necessity of immediately providing funds for the microscopic inspection of pork products.

Resolved, That a committee of three be appointed by this association to draft a bill and present it to our legislature which, in effect, shall authorize the attorney general of Iowa to bring suit before the interstate commerce commission on matters of freight discrimination on interstate shipments where such discrimination may be shown to operate unjustly to citizens of Iowa.

Resolved, That the slow shipping time for live stock is causing tremendous loss to Iowa Farmers and stockmen. Past experience has shown that a speed of twenty miles an hour is entirely practicable on stock shipments, and our directors are hereby directed to at once investigate and determine the most practical way, by law if necessary, of securing the relief in shipping time which the interests of our people absolutely demand.

Resolved, That the increase of passenger traffic and the discontinuance of free passes now justify the railroads in this state in reducing the passenger rate to two cents a mile, and that we demand the enactment of such a law.

Resolved, That we urge our legislature at its next session to enact a joint rate law.

Resolved, That we are unalterably opposed to the proposed ship subsidy legislation, firmly believing that the annexation of larger markets for our meat products will give sufficient encouragement to the upbuilding of our merchant marine without government aid. We believe that any legislation providing for ship subsidies is vicious, and we urge our representatives in congress to exert the full measure of their strength and influence to insure the defeat of the proposed legislation.

Resolved, That the congressmen from this and other agricultural and live stock states should give their prompt attention to the matter of extending the foreign markets for our live stock and meat products, by trade deal with countries which need and want our surplus. The farmers and stockmen of the West made and have maintained protection for our manufacturing interests, but they are no longer willing to have the great agricultural interests sacrificed for the benefit of a few small factories in the East. We demand that our Iowa congressmen especially give attention to this matter.

The officers and directors for the coming year are: President, A. L. Ames, of Buckingham; vice president, A. Sykes, of Ida Grove; treasurer, Charles Goodenow, of Wall Lake; directors, first district, J. M. Brockway, of Letts; second district, E. D. Baird, of North lish; third district, D. Muir, of Hampton; fourth district, J. P. Sheehan, of Osage; fifth district, J. Swearingen, of Marshalltown; sixth district, Jonathan Goodfellow, of Grinnell; seventh district, T. A. Thornburg, of Linden; eighth district, Jerome Smith, of Corning; ninth district, Hamilton Wilcox, of Griswold; tenth district, Jonathan Thompson, of Jefferson; eleventh district, W. R. Winters Ireton.

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THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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DEATH OF A NOTED CORN EXPERT.

The Legal Tender corn which was produced and developed by the Nims brothers, of Mills county, has justly made a place for itself upon many thousand of acres of corn land in southwestern Iowa and over a considerable portion of adjoining states. The Legal Tender is a splendid monument to the late D. B. Nims, whose death occurred November 27, 1906.

Thirty years ago there was but little thought of corn specialists and the Nims brothers scarcely believed that their efforts, which were begun in a modest effort to improve the corn which they had been planting, would bring about a change in the type of corn which

this strain of corn they were awarded a prize upon it at the fat stock show in Chicago and they have been frequent winners ever since at the principal corn contests throughout Iowa and other states.

Mr. Nims will be greatly missed among his fellow workers in agriculture. They had learned to love him. It is worth while for us to pause and measure the value of establishing within ourselves an "ideal" which we are willing to live with and to use as a guiding standard for a lifetime.

Let this standard be intelligently chosen and faithfully observed.

The Legal Tender corn comes down to the younger generation as a splendid tribute of a well-directed, unselfish life, striving toward an ideal.

A REGRETTABLE ERROR.

In our issue of December 13th, in an illustrated article on the popular fur and hide firm of Andersch Bros., of Minneapolis, Minn., we inadvertently stated that the valuable work published by the firm, entitled "The Hunter's and Trapper's Guide," would be sent free to readers of this paper on application. This statement was erroneous and the error was made in this office, and the firm of Andersch Bros. are in no way responsible for any misunderstanding resulting therefrom. The book was prepared at a cost of several thousand dollars and the price they charge for it is very reasonable. We regret the mistake and trust that those inconvenienced by it will not in any way or to any extent hold Messrs. Andersch Bros. responsible for it.

Some Swine Philosophy.

To the Editor of The Homestead:

This article is intended for the benefit of the beginner in the swine business. There are several branches of the swine breeding industry, but at the head

or nothing about hogs until he started to farm for himself at the age of twenty-seven years. He first acquired a fancy for hogs when attending the Illinois State Fair, then being held in Chicago. At that time the breeders of pure-bred swine were few and far apart in the state of Illinois. Even some of the swine exhibitors didn't know there was such a thing as a thoroughbred hog, and they simply brought for exhibition the best shaped and fattest hog or sow with a large litter of pigs.

Mr. A. C. Moore, of Canton, Ill., was at that time a large exhibitor of swine, then named the Moore hogs, but afterwards known as the Poland Chinas. At the time of the above-mentioned state fair I became personally acquainted with Mr. Moore, then the king of all swine breeders in America. I soon afterwards paid him a visit at his farm, at which time he owned 500 head of brood sows. Mr. Moore kept me three days and would have kept me a week or two had I cared to stay. Before I left I purchased six head—five sows and one male—at \$20 per head, to be taken away at eight weeks of age. That was my first start in the Poland China breeding business. Mr. Moore had all the 500 head of brood sows distributed on five different farms. A man would have to be a very dull creature not to have taken a fancy to such a fine breed of hogs. Then, for the first time I learned how young, suckling pigs should be fed and taken care of, which I will relate in another article.

S. Kaufman.
Oregon County, Mo.

A hog seems to live and enjoy life better than any animal on the farm. Eat, grow big and fat in a hurry, he is a very encouraging customer to feed and care for, when free from worms and lice and is otherwise in good condition, which he will be if properly fed. If the hogs are full of lice and worms it seems like all the slop and feed, however good it may be, is wasted and everything about the hog lot is discouraging.

This worm question is something I never had much experience with until last winter, when I had a full dose of it. I had about twenty-nine August pigs, which seemed to be doing reasonably well until I weaned them at the age of about eight weeks, when they began to lose their appetites (which were not good at the time), squeal, run around, hunt for something they could not find, pile up a little on a cold day as if they would not live to see the sun rise on another day, and oftentimes they would not come out of their sleeping quarters if one would call until tears came to his eyes. They seemed to be growing, but very little, and were not much heavier the 1st of February than they were on Thanksgiving day, at which time they weighed about forty or fifty pounds.

We had three spring pigs which I kept back for our meat, and they, too, seemed to be getting lighter in weight instead of heavier, after I sold the rest of the lot, which had been doing none too well all summer. Some time in February we butchered those three pigs, and the cause of all became apparent—worms, until the inside works kept in motion after the hogs were bled to death.

Those pigs were difficult to treat for worms. If such a thing as turpentine was put in their slop they would not come within four or five feet of the trough, as their appetites seemed so easily satisfied and the scent alone did not seem to rid them of the pest. Well, I tried every imaginable worm destroyer, without result. I finally got a worm powder that brought them on, of which I now give the hogs a feed about every six weeks or so.

One of those shoats was weighed in May and gained forty-four pounds in

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twenty-one days, when I sold the bunch at an average weight of 198½ pounds. However, they were the most expensive pigs I ever fed. I had never been bothered much with lice until last summer; that is, I had never noticed many, as my hogs are white and the nits are not so easily seen. But lice can be seen when once you know they are there. Kerosene seems to be sure death to them, without the lard, applied directly on the hog, but slightly.

Take an old gunny sack or two, tack up around some posts or runway in the hog house, where the hogs rub and scratch most; dampen twice or three times a week with kerosene as long as the lice last and the hogs will do the rest. Sprinkle the bedding twice a week, or each time you put in clean straw. I have been treating my hogs as above this fall and cannot see that it has taken any of the hair off. I did, however, blister them some about the ears when kerosene was used too freely.

This much I have learned about the business, that when the worms have once established a home within a hog, and the lice have once a home about a hog, if they are to be destroyed and done away with, one has to stay right with it and give them treatment, not only once a month, but every day, summer or winter. The lice, like the worms, seem to hatch out and become a grown member of the family in forty-eight hours.

Henry Roth.
Washington county, Iowa.

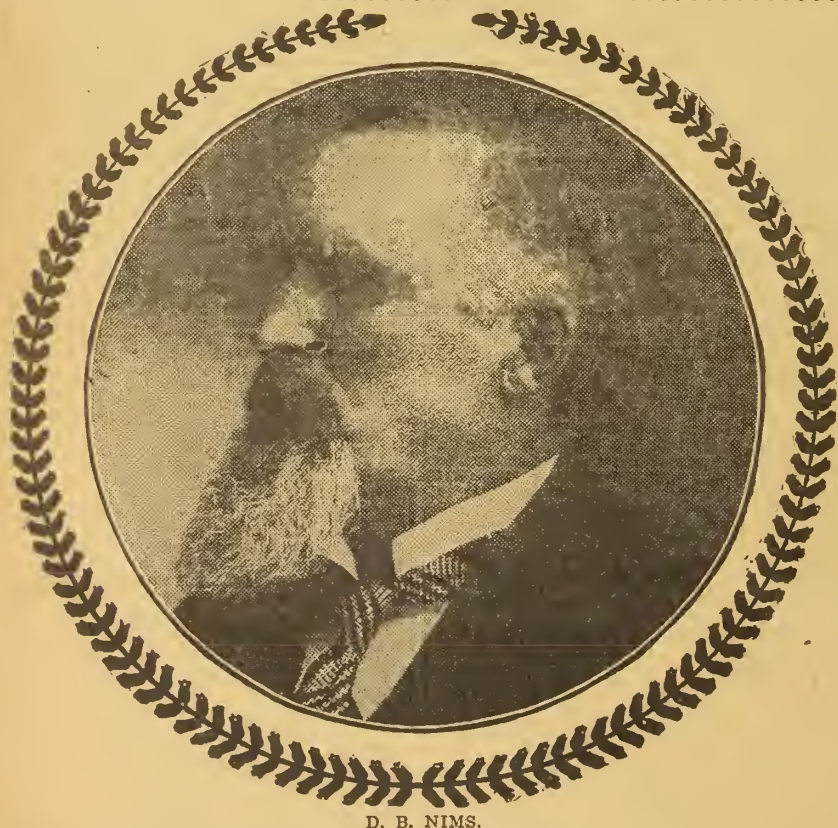
I am an interested reader of this paper and would like to give my experience in spraying hogs for lice in summer or winter. I have sprayed from ten to fifteen years.

Put in fresh bedding and spray in the beds. Spray until the hog looks black—thoroughly. Don't be afraid of getting the liquid in the eyes, because it won't hurt them. I have sprayed from 200 to 400 a year, with no bad results.

If sprayed once a month with clean kerosene (no water) there will be no trouble with lice or mange. Don't leave the hogs shut up in a tight-house after spraying, but, if possible, turn them out to the air. Kerosene will loosen the scurf, but I have never had it take the hair off.

G. C. Thomas.
Madison county, Iowa.

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D. B. NIMS.

they have since named Legal Tender, to warrant them in offering it to the public as a distinct variety which would assert its individuality and with each succeeding season more firmly establish type and breed characteristics.

They sought to produce a type of corn which would mature and give them a large yield. They wanted a pure yellow corn. The Legal Tender today has a rich yellow color. They desired an ear of corn which did not taper sharply to the tip, as did most corn at that time. A medium small cob with small shank attachment and well-filled butt and tip was a part of their ideal. The kernel must be deep, well filled at the tip, giving capacity for a large, strong germ and yet not sacrificing space at the tip of the kernel. When you study the Nims type of Legal Tender corn today, you will be impressed with the fact that their ideal has been followed faithfully and their long, faithful work has been well rewarded. The circumference of the ear equals about three-fourths of the length of the ear.

Ten years after their first work upon

of them all stands the breeder of thoroughbred swine for breeding purposes. This requires the most intelligence, care and perseverance, as well as the best of judgment. To begin with, any kind of false pride must be left behind.

The fundamental principle of a successful swine raiser is that he shall be a lover of a fine, perfect hog. In other words, he must become a hog fancier. Don't start into the business just because you have noticed some of the breeders making good money, for if you do, nine times out of ten you will be apt to make a wrong start, which sooner or later means failure in the breeding of swine for breeding purposes. To become perfectly successful in this business one must be as ardent a lover of the perfect hog as of the almighty dollar that is in the hog business. One may have been born to love hogs, as it were, or one may in after years learn to love them. At any rate, this is a most essential point to possess in order to become a successful fine swine breeder.

The writer of these lines knew little

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper, but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

INVENTION BY EMPLOYEE.

Where an employee in a shop or factory invents tools or machinery while in his employer's service, and such tools or machinery are made of materials belonging to the employer, and used in the shop or factory, the employer does not thereby obtain any interest in the invention, or in a patent issued to the inventor, beyond what is called a license or shop right, which means the right to make and use the invented article in his business. Subject to this right the invention and the patent therefore, belongs to the inventor.

LAW QUESTIONS CONSIDERED.

INHERITANCE IN COLORADO.

M. S. Ames, Iowa.—A widow died leaving valuable property in Colorado. She had no children and her parents are dead. Her surviving relatives are several brothers and sisters, one half-brother and one half-sister, children of one sister and children of two half-brothers. How should the property be divided?

Answer.—As follows: One share to each brother and each sister, one share to the half-brother, and one share to the half-sister, one share to the children of the deceased sister, one share to the children of one half-brother deceased, and one share to the children of the other half-brother deceased.

DOG LAW—NEBRASKA.

A Subscriber, Craig, Neb.—What is the law in Nebraska concerning dogs running at large, and molesting and killing sheep?

Answer.—Owners of dogs are liable for all damage they do by killing, wounding, worrying or chasing sheep or other domestic animals, and any person may kill a dog found doing any of these things, or if the person has good reasons to believe that the dog has been doing such things, and such person is not liable in any way for killing such a dog. Owners of dogs allowed to run out must keep collars on them with name of owner on metallic plate, and any person allowing his dog to run at large without such collar is liable to be fined \$25.

RAILROAD FENCE.

A Reader, Reinbeck, Iowa.—Last winter my horses were pastured in a stalk field adjoining a railroad right of way. The railroad company had a wire fence between the field and its right of way. A wire on this fence had become loose from several of the posts and had broken, each end of it rolling into my stalk field. Part of the kinks of it had frozen in the snow which fell two weeks before the injury happened, which is hereinafter mentioned. One of my valuable mares walked into one end of this broken wire and it nearly severed a limb, and caused her death. I did not know the wire was down until after the accident happened, so I could not have notified the company as to the poor condition of its fence. I sent in a claim, but the company refused to pay it and claims it is not liable for damages. Is the company liable for damages?

Answer.—Under the circumstances stated, we think the railroad company is liable to you for the value of the mare. The law places upon the railroad company the duty not only of building a lawful fence along its right of way, but

also of keeping it in repair. Your mare was injured because the company suffered its fence to get out of repair.

THE CITY LICENSE.

A Subscriber, Monticello, Iowa.—Some time ago I received a car load of apples from Missouri and sold those directly from the car to the townspeople. I did no peddling whatever, but afterwards had to pay a city license for selling these apples. Would there be any better reason for collecting this license than would be the case in the selling of feed, coal, horses or anything of the kind?

Answer.—There is no state law which requires a license nor imposes any tax, but no doubt the town where the correspondent sold the carload of apples has provided by ordinance for a license tax upon persons engaging in such an enterprise as he mentions. If so, he cannot avoid it. The town has power to impose such a license tax.

CHATTEL MORTGAGE.

An Iowa Subscriber.—A bought a thrashing machine. B loaned him the money with which to pay for it, and took a mortgage on the machine to secure the repayment of the loan. Afterwards A shipped the machine out of the state. B knew of this, but saw nothing about it. The mortgage was not signed by A's wife, but by him alone. The loan has not been paid by A. Can B take the machine on the mortgage, wherever he may find it?

Answer.—As between A and B, the latter can lawfully take the machine according to the terms of the mortgage, wherever he may find it in the possession of A, but if he should find it out of the state in possession of a third party, he could not lawfully take it, unless his mortgage was there recorded.

A THRIFTY DOCTOR.

An Iowa Subscriber.—(1) A was sick with appendicitis and it seemed necessary that an operation should be performed upon him. He decided to go to the hospital at Iowa City and have it done there, because it would be cheaper and a better place for it than at home. So he went there. A's home doctor found this out, and believing he was about to lose a surgical fee which was five or six times as much as the hospital charges, he wrote to parties connected with the hospital stating that the man was his patient and able to pay the fee, and that he wanted to do the work. This letter would have prevented the operation at the hospital, had it not been for the fact that the man had friends connected with the hospital. If it can be proven that the home doctor wrote such a letter, and that at the time the condition of the patient was such that a few days' delay in performing the operation would have caused a serious relapse, and might have resulted in death, would it render the home doctor liable for damages? (2) Can a doctor collect a fee for a call which he was not requested to make?

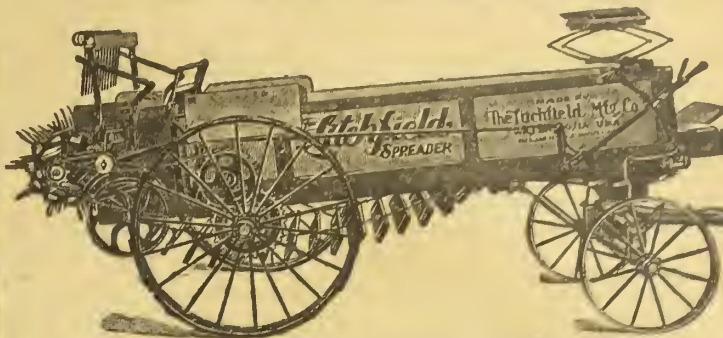
Answer.—(1) We do not think that A could recover substantial damages from the home doctor. It does not appear, from your statement, that the letter written by the home doctor did actually cause any loss or damage to A. In order for a person to recover substantial damages for the wrongful act of another, he must prove in court that such wrongful act not only might have caused him loss or damage, but that it actually did cause him loss or damage, otherwise he could only recover at most nominal damages, that is one cent or one dollar or the like. The act of the doctor in writing such a letter if he did so was a most contemptible one, and proves him unworthy of the respect or confidence of his patients, but there is no adequate legal remedy for such meanness. (2) He cannot, unless by being employed generally, there is an implied duty to make the call, not expressly requested.

ORGANIZING A CORPORATION.

Mr. W. P. Blackford, Hillsboro, Iowa.—We are thinking of forming a co-operative company in this place for the purpose of buying and selling lumber, grain, coal, hay, etc., dividing the capital stock into shares of the par value of \$25 or \$50 each. (1) Is it necessary to incorporate such company? (2) If so, how should we proceed? (3) What is the formula for constitution and by-laws of such a company?

Answer.—(1) While it is not absolutely necessary to incorporate such a company under the laws of Iowa, it would be better to do so—otherwise it would be merely an unwieldy and awkward partnership concern. (2) Persons desiring to incorporate a company must meet together and adopt articles of incorporation, which must be signed and acknowledged, and filed in the office of the recorder of deeds of the county where the business is to be carried on, and by him recorded, and then forwarded to the secretary of state to be recorded. The recording fee of the secretary of state is \$25. (3) For want of sufficient space we cannot give in these columns forms for articles of incorporation, and by-laws of a company. Persons wishing to incorporate a company should engage a competent lawyer in the very beginning to prepare articles of incorporation, draft suitable by-laws, and attend to the first meeting of the board of directors, election of officers, opening of books and

THE IMPORTANCE



OF GETTING WHAT YOU BUY.

CONCERNING the Litchfield Manure Spreader we want to say that we are not offering "a cat in a bag" to our customers by asking them to buy and pay for a manure spreader and afterwards, perhaps, find that they really got something else. We also want to have it emphatically understood that we are not juggling with words in attempting to see how many orders we can get and how little we can actually agree to do. Our advertisements state just what we mean in as plain language as we know how to express our absolute knowledge of this modern machine.

We do not offer to deliver machines, freight paid, and give everybody and anybody who sees fit to order out one of our spreaders, an unconditional opportunity to return the machine or not, just as it may suit them, regardless of whether it will do the work or not. When we begin to do business this way, we have got to allow a big margin for returned machines that will be sent back by unscrupulous parties for various other reasons than an actual defect in the spreader itself.

If we sell machines on such a loose, unbusiness-like basis, those customers who do actually keep and pay for their machines, must pay for the other fellow's returned machines, also. It is just the same proposition as a good cash buyer trading with a loose credit company; the fellow who pays his bills has to foot the bills of the poor accounts also.

What we are giving to our customers now in the 1907 Litchfield Spreader is the very latest, most up-to-date, complete manure spreader that has yet been put on the market by any company. There is not one single point or feature on any other spreader made that is not fully equaled on our machine. In addition to this, we have a great many special and very modern devices that are our own by right of the patent office protection, and we are willing to get behind our spreader and back up what we say. We think our five-year guarantee is the best evidence of this position.

By our method of marketing the Litchfield Spreader, we have no returned machines because we sell only to reliable parties and to those who mean business when they order. The money that other companies spend on paying freights for shipping machines back to factory and repainting and refinishing, we save for the benefit of our trade. What do you think about it?

We want to talk with you next week. Can we do so?

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

other matters, and see that the thing starts off right.

COMPENSATION OF ADMINISTRATOR.

A Subscriber, Prophetstown, Ill.—A made a will in which he named B as executor. After A's death the executor sold the land of the estate to C at public sale, but there was a defect in the title, and the sale was never completed. The executor got possession of some promissory notes which belonged to A in his lifetime, but did not collect them. Before the estate was settled the executor died, and one of A's heirs was appointed administrator of A's estate. Does the percentage or compensation for handling the notes go to the executor or to the administrator, or to both?

Answer.—To the administrator when he collects the notes. He will be entitled to 6 per cent commission on the amount collected, and if he has extra trouble in making collection, the court will allow him reasonable compensation in addition to the 6 per cent for such extra trouble.

UNRELIABLE TENANT.

Mrs. E. J. Bosworth, Webster City, Iowa.—I rented a house to a man for one year by a written lease duly signed. The man claimed to be a prompt payer, and objected to the clause holding his household goods liable for rent. He said in case of sickness it might be hard on him, so I allowed the clause to be erased before the lease was signed. After living in the house three months the tenant objected to odors from a factory in the vicinity, and said that a physician had advised him to move, and he did move without any notice to me or any arrangement about rent, except he paid for the three months. I had paid up insurance for five years and it is rendered void by the house being vacant. The factory was there and in operation when the man rented the house. What can I do about the matter?

Answer.—You can hold the man liable on his contract for the full amount of rent till his lease expires; that is, nine months rent, he having paid for three months; or, you can rent the house as soon as possible for the best you can get, and sue the man for damages and recover whatever amount you lose by reason of his having failed to keep his contract.

ACID-WEAR-WATER-PROOF ROOF.

Hot coals do not set fire to No-Tar Roofing, a wonderful product of which samples are sent free.

No-Tar is the name of a roofing made by the Heppes Company in Chicago. The owners of this concern invented many of the roofings now in use, and the product they are making and selling under the name of No-Tar is in their judgment the most remarkable, the best, the cheapest in the long run, and the most satisfactory of any they have ever had anything to do with.

No-Tar, as its name implies, is made without tar. Hot coals placed upon a piece of No-Tar roofing will die out without setting fire to it. No amount of water will soak through this material. Acids do not affect it. It is so tough that it is practically wear-

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FOR
ROBES

Should have a good fur coat and robe. Send us your horse and cattle hides and we will make you a coat or robe that will always be soft, pliable, wind, water and moth proof. Quality of work considered our prices are the lowest. We guarantee satisfaction. FILL booklet on hides, also shipping tags and prices. Write today.

IOWA TANNING CO.

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Iowa

HIDES
TANNED

SEND YOUR
HIDES TO US
They are valuable
Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cownie Glove Co., Des Moines, Iowa

proof and will last an ordinary lifetime. It is flexible and easily applied.

While it was originally made as a roofing material, it is used by a great many people for siding.

It never rusts out like iron or steel roofing, and costs a little over half what shingles do. For all outbuildings there is no roofing material on the market today that has so many points of excellence.

The Homestead is authorized to notify every one of its readers to send to the Heppes Company, 2401 Fillmore St., Chicago, Ill., for a generous sample of this No-Tar Roofing, which will be mailed anywhere free. This gives the purchaser an opportunity of thoroughly investigating the product before he invests a penny.

With the free sample of roofing will be sent the most valuable and sensible roofing booklet ever printed. It shows how to lay roofing—how to cut it for the top or sides of any building; how to fix the roofing around chimneys so that there can never be a leak; how to turn corners; how to lap roofing; and generally contains information that every farmer ought to know. Buildings of different shapes have the roofing placed on them in different ways, and this book sent out by the Heppes Company tells the right way to put it on. The Heppes Company desires every reader of The Homestead to write for a sample and the book, with the understanding that there is no obligation to buy. See advertisement on page 12.

HOLIDAY EXCURSION RATES.

On December 20th, 21st, 22d, 23d, 24th, 25th, 30th, 31st and January 1st, the Iowa Central will sell round trip excursion tickets at rate of one and one-third fare, limited for return to and including January 7, 1907. For particulars and folders call on agents.

HORSE OWNERS! USE



COMBIAULT'S
CAUSTIC
BALSAM.

A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from Horses. Impossible to produce scab or blemish. Send for circulars. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.

BOWSER SWEEP MILLS



Different from all others. 4 or 2 horses. Geared 16 to 1 for 100 lbs. grind corn with shucks or without. And all small grains including Oats and Wheat. (Also make 7 sizes belt mills.)

E. N. P. Bowser Co., South Bend, Ind.

\$25 ON IS WHAT YOU CAN SAVE

5 TON We make all kinds of scales.

Also B. B. Pumps and Windmills. BECKMAN BROS., DES MOINES, IOWA

DON'T MISS THIS In the market soon? Ask your dealer or write us for catalogue. Osgood High Grade Scales. All kinds. OSGOOD SCALE CO.

103 Central St., Brooklyn, N.Y.

Iowa State Institute and Agricultural Convention.

The annual meeting of the Iowa State Farmers' Institute and Agricultural Convention was held in Des Moines last week. An interesting program had been prepared by Secretary Simpson and was carried out in detail, practically every speaker responding when his name was called.

One of the features of the meeting that attracted most favorable comment was the address delivered by H. W. Collingwood, editor of the Rural New Yorker, New York. His subject was "The Development of Eastern Agriculture," and his treatment of the same was full of interest to the western man. He first called attention to the great difference in the value of land in eastern and New England states as compared with the corn belt, and especially to the great difference that exists in the relative productive ability of the lands in the East as compared with those in the West. Much land has been vacated on account of fertility robbery that has been going on for 150 years, but in turn these lands are again being settled by men of small means who are obliged, for one reason or another, to leave the large cities. Men with \$2,000 or \$3,000 cash can settle on a nice farm, according to Mr. Collingwood, and with perseverance and some degree of resourcefulness can make the land profitable. The splendid markets that are available for all kinds of farm products necessarily are of great advantage to those who are obliged to till the somewhat poverty-stricken soil, and yet by the sensible application of commercial fertilizers a great variety of crops can be grown on these lands at a profit. The pains taken to conserve all elements of fertility that this may be returned to the land is a lesson in Mr. Collingwood's opinion that the western farmer should heed, because the day will come when corn belt lands are not so productive as they are at present, and it is therefore much wiser to stop the leakage now than to undertake to restore the supply when it is once exhausted.

The labor question, especially such labor as is applied to the tillage of farms, is even more complex in the East, according to Mr. Collingwood, than it is in the West. In this respect he is no friend of the large city, and states unhesitatingly that these have a blighting effect upon the rising generation. The young men and young women of rural districts too generally ape the rich, and consequently fall into ways that do not contribute to the highest citizenship. Men in New York City are loafing by the thousands, and yet, though starvation is frequently in sight, it is almost an impossibility to induce any of these loafers to leave the city and take up work on the farm. If you are wise in your day and generation, said Mr. Collingwood, you will aim to retain your people on the farms and not make haste too strenuously in the building up of your large cities. The manhood and womanhood that is required to maintain the stamina of the race must come, not from the city, but from the farm.

Prof. W. J. Kennedy of the Iowa Agricultural College, addressed the institute on the draft horse question, dealing especially with the phase of it that has to do with the keeping of draft mares on the farm by the average man. Professor Kennedy first called attention to the fact that good draft horses are selling today for higher prices than have ever before been realized, and he pointed out that there are reasonable prospects that these prices will continue. There were something like 154,000 more horses in Iowa in 1900 than in 1905, and Professor Kennedy's interpretation of this state of affairs would indicate that this is the best evidence that prices will continue to be good for some time to come. The market demand should be closely studied by every man who aims to produce draft horses. There is no sense in going ahead hit-and-miss fashion and producing horses without first thoroughly understanding what is needed in market centers. Weight is as desirable as in the past, and a good drafter must weigh from 1,600 pounds upwards. He should be massively built, deep-bodied, short-coupled, heavily-mus-
tled, and be placed on reasonably short

legs. He must be able to walk straight and to trot with some vim. Animals that are bred from in the production of draft horses for the market should be sound and their conformation should be such as to contribute the soundness to the offspring in the greatest possible degree. Professor Kennedy thought it somewhat amazing that more good registered draft mares were not kept by farmers who are operating small farms. Seventy-five per cent of the good draft horses produced in England, France and Belgium are produced on small farms, and mostly by tenant farmers. The mares do the labor of the farm and in addition raise a colt. This is one of the reasons why farmers abroad are able to pay such exorbitant rents on the land. It is just as practicable to keep registered draft mares on the farms here as it is abroad, if only men can be made to understand what is for their own best interests in the matter of live stock raising. One case was cited where an Illinois man accidentally purchased at a sale a pure-bred Percheron mare for \$300. His bid was simply put in to help things along, but she was knocked off to him. He afterwards offered her for a little less money than he paid, but could not sell. In three years and a half he had sold from this mare \$1,250 worth of colts and has one left for which he has refused \$500. There is but one horse registered or eligible to registry now for every 150 that are not registered in the state, so that you will see that it will take some time to overdo the business of producing our own foundation stock. If we have the mares we can produce just as good stallions as they can anywhere on earth and it is now time that our people were taking up this matter, and thereby lessen the volume of importations that are being brought from the foreign lands.

Prof. C. F. Curtiss, also of the Iowa Agricultural College, discussed what the college is doing for the boys and girls of the state. He stated in the outset that practically 1,000 young men were attending the agricultural college, in the long and short courses, annually, and that most of these were returning to operate farms, many refusing salaried positions in order that they might return to the land and there carry out their higher ambitions in the operation of a farm. Professor Curtiss dwelt on the change that has taken place in the character of education in recent years, and pointed out that our greatest educators are emphasizing more and more what is called practical education. There is just as much culture in the study of grains, grasses and live stock as there is in the study of the dead languages, so that in addition to the culture, there comes to the mind of the young man and the young woman a knowledge of affairs that later contributes to success. This is the line along which the agricultural college is working, and the increasing attendance and the very remarkable tendency of the graduates to return to the farm is the best indication that the institution is working on sound principles.

D. L. Berry, of Indianola, gave an interesting talk dealing with what the farmers' institute is doing to help the farmer. He stated that eighty counties in the ninety-nine in the state are now holding farmers' institutes. Scarcely a farmer in the state has failed to come under the influence of these institutes in one way or another, and the campaign up to date has unquestionably added millions of bushels annually to the crops of Iowa. One effect of the meetings is to check the waste of fertility, and the fertility supply is now being added to instead of being depleted as was formerly the case, by the sensible application of manure and by the growing of more legumes. Live stock is also being improved so that with the least possible amount of food the greatest production of beef, pork, mutton or butter-fat can be realized. The general principles that are dug out by our experiment stations are made applicable, locally, through the teachings of the farmers' institutes, so that after all the institute is really only the extension service of the experiment stations. The

institute is a non-partisan organization and is for mutual self help. The meetings have contributed to the betterment of roads and, indeed, spread every sound doctrine that reaches the state that will in any way benefit farmers. In the conduct of the county experiment station the institute is reaching its highest state of perfection as an organization, and the state is now dotted with these under the general supervision of the station at Ames. It is hoped that the day will soon come when every county in the state runs its own experiment station, so that farmers may look to this center in their efforts to ascertain what are the best varieties adapted to the land and what are the best methods to apply in preparing soil and cultivating crops. The farmers' institute brings a right spirit into a community and drives out small gossips quicker than any other agency.

Poultry on the farm was discussed by Mrs. H. W. Ashton, who stated that four-fifths of the poultry of the United States comes not from the large poultry plant, but from the farm. Last year the United States marketed 20,000,000 eggs, and Secretary Wilson has recently added a department to the animal husbandry division with the idea in mind of swelling this another billion. The hen does not require a scientifically compounded ration, and all the food she consumes may be raised on the farm. As a general proposition, strict accounts are not kept with a flock of hens, otherwise they would be found to be as profitable, if not more so than any other industry found on the farm. The cause of pure-breds as against the scrubs scarcely needs treating, because more and more farmers are finding out that there is more profit in a well-bred fowl than in a scrub. More mistakes, however, are made in the feeding and care of poultry than in the kind kept. Hens need a variety of grain and they should be made to do a good deal of scratching for their living. In the winter they need green food, and nothing is better for them than clover hay, roots and cabbage. They also need animal food in some form if they are expected to lay well. A load of gravel will generally supply grit enough for the average flock in the winter, and fifty cents' worth of time would prepare enough charcoal which may be burned from cobs. Overcrowding is a very common cause of loss in poultry, or at least it contributes to lessening the profits. Small flocks that are kept up to the highest state of productiveness should have about ten square feet of floor space per hen, and the Maine station found that twenty-five hens kept in a house built with room enough for them would lay more eggs than when fifty hens were put in this same house. As a general thing, too many farmers fall down in being poor salesmen. If they will endeavor to find a market for their fresh eggs in towns and cities they can always do it, and receive a premium at all times. Mrs. Ashton stated that by grading and packing the eggs in cartons holding a dozen each she had realized all the way from four to ten cents per dozen more than the regular market price.

Mr. C. G. Meserole, secretary of the Iowa Farmers' Co-operative Association, addressed the institute on the subject, "Farmers' Co-operative Associations." He pointed out, in the first place, that these associations had sprung up as a natural result of unfair business manipulations on the part of old line elevator companies. Farmers were not getting their share of the value of the grain disposed of and there seemed to be no help for the situation unless farmers themselves marketed their own grain. There are now something like 125 co-operative elevators in the state of Iowa, one hundred of which have been erected during the last two years. These are all running on a business basis and most of them are operating under what is known as the penalty clause. According to this clause of the by-laws of an association all parties who sell grain to any other company where a co-operative elevator exists must pay into the co-operative plant one-half cent a bushel. This prevents the old line company from putting up prices and thereby squeezing out the new concern. Only in this way is it possible to compete at all with the large companies. Mr. Meserole condemned the operation of those parties who, through co-operation, proposed to hold grain, such as wheat and corn until it had greatly appreciated in

value. He expressed himself as confidently believing that this was restraining trade and that it was therefore illegal. The opposition formerly raised to the co-operative elevator at terminal points is rapidly breaking down, according to Mr. Meserole, and farmers are finding it much easier to market their grain in the large centers than ever before. The principle of co-operation among farmers is right, and the enthusiasm shown by Mr. Meserole would indicate that this plan of marketing grain had come to stay.

Hon. A. B. Stickney, president of the Chicago Great Western Ry., discussed railway freight rates at the evening session of the farmers' institute, this being held jointly with the Corn Belt Meat Producers' Association. It is our intention to publish, either in part or in full, Mr. Stickney's address in the near future, and we therefore do not make any attempt to summarize at this time.

At the meeting of the state board of agriculture held on Wednesday of last week Mr. C. E. Cameron, of Alta, was elected president of the state department of agriculture to succeed W. W. Morrow, who closes four years of service as president to become treasurer of the state. W. C. Brown, of Clarion, was elected vice-president, his place on the board being taken by Elmer Reeves, of Waverly. Charles W. Phillips, of Maquoketa, was re-elected director for the second district; R. T. St. John for the fourth; T. C. LeGoe, of What Cheer, for the sixth; John Ledgerwood, of Leon, for the eighth; O. A. Olson, of Forest City, for the tenth.

A most interesting corn contest was held in connection with the annual meeting of the state board of agriculture. In quality the samples exhibited were never better, and the number of entries in the northern, southern and central districts were large. J. D. Buser, of Coonville, took first prize for the champion ear of corn, and Asa Turner, of Farrar, was given second. Other prizes awarded were:

NORTHERN DISTRICT.

Large Yellow Dent—First, H. L. Felter, Washta; second, Victor Felter, Washta.

Small Yellow Dent—First, A. J. Doore, Greene; second, F. S. Ross, Elkport.

Large White Dent—First, A. J. Doore, Greene; second, D. McArthur, Mason City.

Small White Dent—First, A. J. Doore, Greene; second, D. McArthur, Mason City.

CENTRAL DISTRICT.

Large Yellow Dent—First, R. F. Bennett, Pocahontas; second, Neal Bros., Mt. Vernon.

Small Yellow Dent—First, G. M. Fox, Dallas Center; second, N. Gormly, Bondurant.

Large White Dent—First, William Danner, Dallas Center; second, M. J. Harris, Des Moines.

Small White Dent—First, C. H. Danner, Yale; second, M. J. Harris, Des Moines.

SOUTHERN DISTRICT.

Large Yellow Dent—First, L. W. Roe, Oskaloosa; second, C. C. Roe, Oskaloosa.

Small Yellow Dent—First, L. W. Roe; second, J. A. Masqon, Carlisle.

Large White Dent—First, T. B. White, Oskaloosa; second, Homer Dye, Oskaloosa.

Small White Dent—First, T. B. White, Oskaloosa; second, Thomas Thompson, Villisca.

TERRIBLE SCALP HUMOR.

Badly Affected with Sores and Crusts—
Extended Down Behind the Ears
—Another Cure by Cuticura.

"About ten years ago my scalp became badly affected with sore and itching humors, crusts, etc., and extended down behind the ears. My hair came out in places, also. I was greatly troubled; understood it was eczema. Tried various remedies, so called, without effect. Saw your Cuticura advertisement and got the Cuticura Remedies at once. Applied them as to directions, etc., and after two weeks, I think, of use, was clear as a whistle. I have to state also that late last fall, October and November, 1904, I was suddenly afflicted with a bad eruption, painful and itching pustules over the lower part of the body. I suffered dreadfully. In two months, under the skilful treatment of my doctor, conjoined with Cuticura Soap and Cuticura Ointment, I found myself cured. H. M. F. Weiss, Rosemund, Christian Co., Ill., August 31, 1905."

LOW RATES TO THE SOUTHEAST

Commencing December 15th and on the first and third Tuesdays of each month thereafter until March, 1907, the Chicago Great Western Railway will sell one-way colonist tickets at nearly half fare to points in Alabama, Louisiana and Mississippi. For further information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

Echoes From a Kansas Farm

By Henry Hatch

From "dry farming" to going around the head of the creek to get home—that's the latest change in climatic conditions.

After being caught in a rain ten miles from home, and you must get back in order to do the chores, it does not seem right to have the first article you see in the paper, that evening, tell what crops could be raised if all wasted water could be stored until needed.

It isn't how much we would be benefited if we could do such and such a thing, but how to do what will benefit us—that counts. No one likes to read about the result of an impossibility, but how to better do what is possible, that interests us all.

There are undeveloped fools in this world, and the quickest developer of them we know of is a telephone. On many of the farm lines there are folks who seem to know enough, except when using the telephone, then they think it necessary to use the 'phone all the time to get their money's worth.

Husking corn in the mud is hard on a man, but harder on the team. Usually, here in Kansas, after a man husks for three weeks in the mud he just finishes as the fields are dry, and then there comes six weeks of the best corn husking weather of the whole season.

Geology tells us of the Stone Age. This is the Cement Age. They are talking now of making water tanks out of cement, or, rather, we should say, they are making water tanks out of cement. We will watch the experiment with interest. We hope, also, that it proves wholly successful, for wood or galvanized iron for a water tank can be depended upon for only a short time, then you suddenly realize the leak cannot be mended, as the whole side has either rotted or rusted out.

All the good road laws in Kingdom Come can be enacted, and all the King road drags in Missouri be put to use, but as long as there is no punishment awaiting the man who gets out and hauls four-horse loads over the roads, just at the time when the grade is cut into ruts hub-deep, there is no use in expecting good roads. Some never seem anxious to get stuff to town until the roads are in good condition to be cut all into ruts.

We are reminded, at this season of the year, that each of our counties are supporting twelve or fifteen office holders, together with the usual number of hangers-on, by the taxes we pay. It is right that we all should pay some taxes, for public utilities and records must be kept up, but shouldn't all pay alike, without exemption? We think so.

We have become a convert of fall plowing for potatoes. The ground for our next year's crop was plowed a short time ago, after spreading on it a thin coating of well-rotted manure. Early in the spring another thin spreading of manure will be put on, then the ground plowed again. This is a lot of work, you may think, but we have found it better to go to a little more trouble and raise a full crop of good potatoes than to work in the usual way, then buy at the stores at \$1 a bushel.

If any reader of this paper has tried making cement fence posts, we are sure he will do us all a favor, and interest us all, by telling about it. This cement post business has been talked of for the past two years, but in all this time we have not seen a real cement post. Perhaps this is making a public demonstration of our ignorance, but, just the same, there are a whole lot of us wondering whether or not the cement fence post really is all right.

More than one farmer is now wishing he had started in and fed those steers early in the fall; two years ago, more than one farmer was lambasting the beef trust, and wishing he never had attempted to full-feed a steer. Question—"Has the beef trust really been brought to time, or is the demand for good beef now making the profitable price, and was the price no better two years ago because the demand did not justify it?" Sometimes we almost be-

CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted under this heading. Each number and initial letter or abbreviation counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 165,000, reaching a farm population of at least 825,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

PLYMOUTH ROCKS.

EVERGREEN Lawn Farm, M. Hummel, prop., Monroe, Iowa, breeder of heavy-boned Barred Plymouth Rocks for 22 years, has for sale 450 birds sired by high-scoring Iowa State Fair and Jasper County Fair first prize-winners. We won nine first prizes at the Jasper County Fair in 1905. Nothing but first-class stock shipped.

BARRED Plymouth Rocks, Hawkins, Thompson, Felch and Todd strains. Cockerels \$1.50 to \$2.00 each. Hens and pullets, \$9.00 a dozen. Must close entire stock by January 1st, as we intend to leave. Lou Blattner & Co., Prairie City, Iowa.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Anderson Bros., Indianapolis, Iowa.

300 CHOICE Barred Plymouth Rock cockerels and hens. Large and healthy, narrow barred to skin. \$1.00 each, six for \$5.00. Willis Shearson, Merrill, Iowa.

FOR SALE. Choice thoroughbred Plymouth Rock cockerels, \$1 each, 6 for \$5. Mrs. W. E. Roby, Truro, Iowa.

75 BARRED ROCK Pullets, extra large, 15, \$10. Mrs. C. H. Medberry, Wadena, Iowa.

LEGHORNS.

S. C. R. LEGHORN cockerels from stock scoring up to 93%. Winners wherever shown, at \$1.00 each. Also White Wyandotte cockerels from stock scoring 94 to 96% at \$1.50 each. Orlando Jacobs, R. R. 1, Mediapolis, Iowa.

SINGLE COMB White Leghorns exclusively. Laying machines. Buy of an exclusive breeder and get the best. Osman Poultry Yards, Dept. K., Beaver Dam, Wis.

ROSE Comb Brown Leghorns exclusively. The best lot of cockerels ever raised at Pike Timber Stock Farm, for sale. T. A. Davenport, Belmond, Iowa.

SINGLE Comb Brown Leghorns. Cockerels \$1.00 each; two or more 75c. each; eggs in season, \$3.00 per hundred. Asa Anderson, New London, Iowa.

SCORED and unscored Single Comb Brown Leghorn cockerels. Mrs. Clyde Nelson, Birmingham, Iowa.

LANGSHANS.

FORT LAKE—Black Langshan cockerels and Bronze turkeys of high quality. Cockerels at \$2.00, toms at \$5.00. One cock 94 score; one tom 35 pounds, for sale or exchange. Mrs. S. S. Spangler, Milan, Mo.

100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstake, Creston Fair. Philip Stalcup, Lorimor, Iowa.

FOR SALE. 200 Black Langshan cockerels and pullets as fine as ever raised. For prices write E. D. Keasey, R. R. 1, Wiota, Iowa.

BLACK LANGSHAN cockerels, \$1.00 each. Leonard C. Paup, Harlan, Iowa.

WYANDOTTES.

FOR SALE—Silver Laced Wyandottes, Barred Plymouth Rocks, Rose Comb Brown Leghorns. Eggs in season. This will not appear again. Address Julius Runge, Middleton, Wis.

SILVER LACED Wyandotte cockerels exclusively. Price \$1.00. Eggs in season 50c. per 13. Mrs. O. W. Thomas, Route 2, Manchester, Iowa.

WHITE Wyandottes, score to 96. 150 fine cockerels cheap. Mrs. S. E. Alley, Greenfield, Iowa.

BUFF Wyandotte Cockerels for sale. Hugh Sullivan, Prairie City, Iowa.

RHODE ISLAND REDS.

R. C. RHODE ISLAND REDS—Prize winners and high scoring stock for sale. Eggs in season. Address Mrs. J. B. E. Bryan, R. F. D. 4, Chariton, Iowa.

COCHINS.

FOR SALE—A fine lot of Partridge Cochins cockerels and pullets, Geo. Mitchell strain, \$1.00 and up. Mrs. C. O. Brewer, Route 4, Atlantic, Iowa.

INDIAN GAMES.

CORNISH Indian Game prize winners. Scored stock for sale. Mrs. S. A. Hawk, Route 3, Chariton, Iowa.

TURKEYS.

MAMMOTH Bronze turkeys from first prize-winners, cheap. Eight years a breeder and winner. Mrs. E. D. Matthews, R. R. 3, Morning Sun, Iowa.

DUCKS.

MAMMOTH Pekin ducks, 75c. three for \$2.00. White Wyandotte hens, \$1.00; cockerels, \$1.50. M. L. O'Neil, Oswein, Iowa.

MISCELLANEOUS POULTRY.

HIGH Scored Poultry. Barred Rock cockerels, \$1.00 to \$1.50; Pekin ducks, \$3.00 trio; Toulouse geese, \$6.50 trio; Fox Terrier dogs, \$8.00 to \$10.00 each. Stamp for reply. J. O. Walton, Belle Plaine, Iowa.

TWENTY-FIVE Breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Rural Route No. 4, Mapleton, Minn.

MAMMOTH Bronze turkeys; fifty from stock scoring 96 to 97. Two hundred choice Barred Plymouth Rock cockerels, \$1 each. J. C. Watts, Berwick, Iowa.

PURE BRED single comb White Leghorn and Barred P. Rock Cockerels at \$1.00 each. Fine birds that will please. Robert Holm, Paton, Iowa, R. R. 1.

CLOSING out all my Mammoth B. turkeys, B. P. Rocks and R. C. Rhode Island Reds. Must sell soon. Mrs. C. L. Moore, Drexel, Mo.

WHITE Holland turkeys, White Wyandottes for sale. Write for prices. W. A. Marsh, Jr., Alledo, Ill.

DOGS.

SCOTCH Collie females for sale, age five months, sired by Imported Glencairn Guard out of working dam. Color sable with white markings, price \$5.00 to \$7.00. Address, Wm. F. Hoppe, Lena, Ill.

RATS. My Scottish Terriers will make them git. Fine pups for sale. S. W. Harr, Riverside, Iowa.

HORSES.

HORSES—For sale, six imported stallions, two Belgians and Percherons, three to six years old, weight from 1,700 to 2,000 lbs., each stallion guaranteed. Address Lee Roy Judd, Dawson, Neb.

SALE OR TRADE—For one same age and quality registered Percheron stallion, coming two, black, extra good. Cannot use him. Haulford & Kuntz, Granger, Mo.

WANTED—To buy four registered Percheron fillies, two years old, solid colors, not fancy priced ones. S. S. Langford, Craig, Neb.

CATTLE.

RED POLLED Cattle. Champion beef and milk producers, choice animals, either sex, priced right. Write for booklet and particulars. O. P. Russ, Ravenwood, Mo.

FOR SALE—44 Angus cattle; 21 young cows, two-year bull, 22 calves. Gentle, sound stuff. \$1,000 for lot. D. Dement, Thayer, Iowa.

PIGS.

POLAND CHINA PIGS sired by State Fair winner, Victor M., Perfect I know and others; mature dams; all ages. Write G. Kirchhoff, Elkhorn, Wis.

FOR SALE—Improved Chester White brood sows and gilts. Bred. Write your wants to A. J. Johnson, R. F. D. No. 2, Brighton, Iowa.

PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

TELEPHONES.

TELEPHONES. Induction coils, switches, cut-outs, transmitters, small switch boards, extension bells, etc., pertaining to telephones. Write to Augusta Electric Co., Augusta, Ill.

FARM IMPLEMENTS.

WE MAKE the largest line of 2-3-4-5-6-8 Horse Farm Equalizers for sulky, gang plows, wagons, disk harrows, harvesters, etc. Write for our catalog and prices. Cedar Rapids Implement Works, Cedar Rapids, Iowa.

REAL ESTATE.

STOP AND THINK! When the central west was new you bought land cheap and while you have been making a living from the land, its increase in value has made you rich. Why not come or send your son to this new growing country to repeat your great success? Write for our list of Texas and Oklahoma lands. Sunny South Land Co., Box 255 Claremore, Okla.

FLORIDA farm, 40 acres on Indian River, suitable for all sub-tropical fruits and vegetables; four-room house, six acres pineapples, two acres oranges and grapefruit, two acres garden. Price, \$6,000. Address, Stewart Ankney, 1912 Arlington Ave., Des Moines, Iowa.

THE EXCHANGE BANK, Menlo, Iowa, offers good, well improved 200-acre farm, valued at \$18,000, close to two good towns. Must be sold by February to liquidate co-partnership. For quick sale, \$15,000, ½ cash, balance time. Write for description.

120-ACRE FARM about 10 miles from Des Moines' limits. Gently rolling, to level; 5000 worth of tillage on it, house, barn, etc. Price \$62.50 per acre. Can leave \$4,000 on it. Packard, 621 Citizens Bank Bldg. Des Moines, Iowa.

QUICK BARGAIN SALE. Well improved 160, strong, clean land; ½ school and church; two stations 2½; well fenced, watered, plenty fruit; 'phone, mail. Address owner, D. Dement, Thayer, Iowa.

WESTERN Kansas Lands. 40,000 acres, Finney, Kearney, Hamilton counties. Wheat and alfalfa lands; \$5.00 and \$12.50 per acre. Write for list. Nicholls & Moyer, Coffeyville, Kan.

560 ACRE RANCH, well improved, in Coffey county, no better in eastern Kansas, at a bargain if taken soon. For description and maps write Lane & Kent, Burlington, Kansas.

GOVERNMENT bonds no better than these farm bargains, being well improved and well located; 640, \$16,000; 160, \$5,200; 80, \$2,100. Buckeye Agency, Williamsburg, Kan.

FREE MAP and price list of land in Greenwood county, in the rain belt. Farms, ranches and pastures at the owners' prices. G. K. Jackson Land Co., Bureka, Kan.

A BARGAIN. 320 acres fine improved farm 3 miles from town, half bottom, choice alfalfa land. Write for full description. K. G. Toukin, Abilene, Kansas.

BAYFIELD County farm lands. I own and have for sale all sorts of lands close to Washburn. Low prices; easy terms. O. P. Swanby, Washburn, Wis.

NOTICE TO HOMESEEKERS—If you want homes in eastern Kansas please write for lists of land. Burger Brothers, Burlington, Kan.

FARM LANDS—Most prosperous section in west, \$15 to \$40 per acre. Will pay to write us. Whitaker & Howe Land Co., Grangeville, Idaho.

OHIO FARM FOR SALE—One hundred acres. Write and I will tell you all about it. A good snap. Edd, McAdam, North Bristol, Ohio.

FOR SALE. A fine lot of farm bargains in east Kansas. Any size; write for free list and map. Iler & Mansfield, Garnett, Kansas.

DO YOU WANT 80 acres, improved, close to railroad town, by February 1st? Write owner, J. K. Christian, Mountain View, Mo.

EDUCATION.

HIGH CLASS home study with best textbook and all supplies. Contract guarantees satisfaction or money back. Any Common Branch or Teachers' one study \$10, two \$16, three \$20; Halfway Mail \$15, Shortland \$25. Lithography \$25. Complete Business, six studies, \$35. Mechanical Drawing \$35. Write today. New Era Correspondence School, Des Moines.

AGENTS WANTED.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

HELP WANTED.

WANTED—MAN and wife to take charge of farm in Shannon County, Missouri. Fine opportunity for man with team and some capital. References required. G. W. Miller, Victoria Hotel, Des Moines, Iowa.

MISCELLANEOUS.

KEEP your hands warm with a pair of Russian Bear fur gloves or mittens. Sold direct to the wearer at wholesale prices. Write today for catalog. Russian Fur Co., Gloversville, N. Y.

MOLES and warts removed with my remedy; no pain, no danger, no scar, use yourself, by mail, prepaid \$5.00. Write me about it. Dr. G. W. McDowell, Rockford, Illinois.

lieve we would growl whether there was anything to growl at or not.

In Germany, so it is reported, the average yearly wages that a working girl gets is less than \$60. A 200-pound hog now costs the German that much money, while a cow sells for from \$90 to \$140, just a common cow. Think of working all year for the price of a 200-pound hog! Yet, there are folks right here in America who are now growing as they never have grown before. They claim the farmers must organize or be rooted completely out by the trusts,

We haven't lived as long as some, but we never have lived when times were as prosperous as right now.

TO CURE A COLD IN ONE DAY
Take LAXATIVE BROMO Quinine Tablets. Druggists refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

It has seemed that the government, or rather its representatives have not been awake to the importance of the poultry industry. However, there are signs of greater interest. Hitherto, nothing specific has been done in the way of experiment along poultry lines, save

by co-operation with two or three state experimental stations. Now there appears upon the staff of the bureau of animal husbandry the name of R. R. Slocum as poultry assistant. There does not seem to be room at Washington for poultry experiment work, and quarters have been fitted up at the bureau's quarantine station near Baltimore, where feeding experiments are already in progress. If the government takes hold of the matter with the earnestness it has shown in other industrial directions, we may hope to have some perplexing problems solved.

OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

Buttermaking on the Farm.

To the Editor of The Homestead:

Without raising the question whether it is better to make butter at home or sell milk or cream to the creamery, the fact stands that a great deal of butter has been made on the farm. There are 10,317,484 pounds of renovated butter manufactured in the state of Iowa alone. All of this butter was undoubtedly made on the farm, and there is every reason to believe that in the future large quantities of butter will be made at home. It is usually sold to the local grocer.

On account of lack of uniformity in flavor, color or salt the grocer is unable to sell a large part of this butter for direct consumption, but sells it to the renovating factory. Here it is remelted, partly purified, and made into a uniform product before it again is put on the market. The farmer received perhaps not more than twelve or fifteen cents per pound. Even at this low figure he is often obliged to barter it for merchandise. If investment and labor is considered, higher prices per pound must be obtained in order to make butter-making on the farm a paying business. The store keeper in most cases gives a higher price for this butter in bartering, than he receives when he sells it. He buys it only to hold the trade of certain customers. The renovator is the only party who makes a profit on this butter, as he is able to hold it in cold storage either before or after it is remelted, and thus put it on the market when butter is scarce. It then often sells for only a few cents less than creamery butter.

The farm, in many respects, is an ideal place for making butter, because full control can be had of all the essential steps involved, from the milking of the cow until the butter is placed upon the market. It is understood that condition and equipments are often poor, but if it is desired to continue to make butter, it will pay to improve the conditions so they will become more suitable.

The care the milk and cream receives before churning will determine the flavor, which is the most essential quality of butter, as it is used more as a relish than as a food. Faults that butter may have, aside from flavor, are all due to carelessness or lack of skill in the process of making. If the underlying

principles of buttermaking are understood, it is not a difficult problem to make a uniform grade of butter from day to day. As long as the agricultural and dairy papers, dairy schools and experiment stations answer free any inquiry, and can explain the cause of most difficulties, there seems to be no excuse for making so much poor butter on the farm. It takes the same labor to make spoiled cream into butter and do it without paying attention to temperature, overchurning, proper working and salting, as it does to churn well-ripened cream and do it in an intelligent way. The difference is that in the latter case about twice as much per pound of butter will be received, and buttermaking is made a paying business.

There never was a time when so great a premium was paid on intelligence as there is today. Many people have enough money to buy good commodities, and for such there is a strong demand, even at high prices. Especially is this true of farm produce. Near every town invariably there are some people who receive more for their goods than do others. The main reason is that those people deliver a uniform product, an article that is always up to the standard, put up in a neat, attractive way. It is marked by an individuality for which the consumer is willing to pay. There is an unwritten guarantee with such an article. The producer established a reputation by skill, intelligence, and honesty. He knows that to try to put out an inferior article under his special brand would be folly, as the small temporary gain would be insignificant compared with the loss it might bring in the future.

Next in importance to making a uniform grade of butter is to put it up in a neat, attractive way, and bring it to the consumer's attention. This can be done by putting up the butter in one-pound prints, neatly wrapped in parchment papers, upon which is stamped the name of the farm or a special name under which the butter is sold. A great deal can be done to distinguish the product by some attractive feature. It should be something catching, suggestive, easy to remember, so that thinking of butter, a certain name or picture that has been seen once in such connection readily presents itself to the mind.

"Anything worth doing is worth doing well." Butter should be made so that there is no necessity for making it over. The fewer middlemen between the producer and consumer, the greater the profit to the producer. Interurban roads are being produced, and built in all parts of the country. This means increased shipping facilities, which enable the farmer to profit by the demand in the city for uniformly good farm produce. If better methods of making and marketing farm butter are applied, the present amount of renovated butter must decrease. The time will come when renovated butter will be a thing of the past and the money it takes to operate the renovating factories and their profit will go directly into the farmer's pocket.

Fred Rasmussen.

Iowa Experiment Station.

Farm Dairying.

To the Editor of The Homestead:

Success in dairying depends largely upon the proper feeding of the dairy herd. There are two questions that the dairy farmer should ask himself. First, am I feeding as cheaply as I can; and, second, am I feeding the best rations for milk and butter production? Of course, the cows can be kept alive and in fairly good milk flow upon many different kinds of rations, but in feeding, as well as in everything else, there is an ideal to be sought. What, then, is an ideal ration for a dairy cow? It is a ration that, without waste, gives, both in weight and dry matter, a sufficient amount of digestible and nutritious food. It is a ration that is comparatively cheap. It is a ration in which the milk-forming element (protein) is rightly proportioned to the heat and energy and fat-making (carbohydrates) and fat elements.

A badly balanced ration does harm in two ways, namely, by lessening the milk flow and by giving the cow a ration which she cannot profitably use. As the cow is one of the best money-makers on the farm, she should, for this reason if for no other, be comfortably housed, well fed and watered and most kindly treated. In your thoughts for her well-being bear the following directions in mind: If you are feeding a



Good business sense tells you that every cow should return a fair percent of profit over cost of keeping. To pay you a good profit the organs of digestion must convert the largest possible percentage of the food into bone, muscle, milk fat, etc.

If every cow, horse, sheep or pig, receives small doses of Dr. Hess Stock Food twice a day with the grain rations, they will pay a larger profit than is otherwise possible. Such medical authorities as Professors Winslow, Quitman and Finlay Dun endorse the bitter tonics contained in Dr. Hess Stock Food for improving the digestion, also iron as a blood builder and nitrates for eliminating poisonous material from the system.

DR HESS STOCK FOOD

the prescription of Dr. Hess (M.D., D.V.S.) contains the above ingredients and it is

Sold on a Written Guarantee

100 lbs \$5.00 25 lb pail \$1.60 } Except in Canada and extreme
Smaller quantities at a slight } West and South.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee.

If your dealer cannot supply you, we will.

DR. HESS & CLARK, Ashland, Ohio.

Also Manufacturers of Dr. Hess Poultry Pan-a-cos and Instant Loose Killer.



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Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

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What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address,

The Iowa Dairy Separator Co., Waterloo, Iowa.

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2-hole and 4-hole Custom and 2-hole Farmers' Positive Force-Feed Shellers

They have Chilled Working Parts and other points of strength and convenience. We make Horse Powers, Wood Saws, Huskers, Farm Trucks, Manure Spreaders, etc. We guarantee our Goodhue Wind Mills for five years.

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Better Than Ever

No matter what separator you are now using—No matter what separator you are thinking of buying—No matter how you now handle your milk—you ought to examine the

Improved Frictionless

EMPIRE Cream Separator

It won't take you long to see its good points—and it's worth a whole lot to you in good hard money to find the separator that turns easier, is more simple in construction and does better work than any other. All we ask is that you investigate. Send today for catalog and valuable dairy books.

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as oats, peas and alfalfa. I have tried cow peas and soy beans. I tried these for several years, but location and conditions over which I had no control made these unprofitable crops. Not that the feed was not up to standard, but because the yield was too small to make them profitable.

But we needed the very elements we tried to grow in these crops. Did we give up and go back to the roughing and all-corn feeding system? Not yet. I grow such crops as are best adapted to our locality, and buy in the market such feeds as we cannot grow profitably, but must have for the best success in feeding. I sell enough of what we can grow profitably to buy what I need. I often hear farmers say they feed corn because it is the cheapest feed they have. But is it the cheapest under all circumstances? I will admit that in finishing an animal for market, when putting on fat is the only aim, corn is among our

balanced ration, feed each day several different kinds of food. Feed and milk at regular hours. Brush the udder carefully with a moist cloth before you begin to milk. Always milk in tin pails that have been scalded since last using, as the hot water kills the bacteria that collect in the cracks or dents of the utensils. Never leave the milk pail in the stable. Never scold or strike the cow; she is a nervous animal and rough usage checks the milk flow.

Visit almost any farm and one finds stock of some kind that, to use the general term, is being roughed for lack of time, shelter or feed, or lack of proper feed, and the latter excuse, as a rule, is the one that is given. If it is the cows, they will tell you that they are feeding only corn as a grain ration; bran is so expensive they can't afford to buy it, and the cows don't pay for the corn, let alone paying \$18 or \$20 a ton for bran or \$30 for oil meal. If it is one well informed he will perhaps say that he feeds only corn. He knows they should have some bran, oats or oil meal, but he cannot afford to buy it and he has plenty of corn. He grows it himself and it doesn't cost anything.

The theory that a farmer should raise all that he feeds has been responsible for this condition. That one should grow such crops as are the most profitable under the conditions so as to enable one to have the kind of grain or roughage that it is most valuable, is good advice under any conditions, but my experience is that seasons and locations where and when this can be done are very scarce. As a dairyman, I have made special effort for several years to grow such crops as are best adapted for dairy feed—crops rating high in protein, such

best feeds, but corn alone for the growing calf, the milk cow, the colt, pig or hen is too expensive for any farmer unless he has a good bank account which is supplied from other sources than the farm.

The most important lesson I ever learned was from my father in feeding dairy cows. He had for years fed only what he raised, and at the end of each year found but meager, if any, profit. He was, therefore, forced to change his methods or work for the fun he could get out of raising feed. Instead of continuing to play at a losing game we discarded this method and now raise such crops as are best adapted to our soil, no matter what they are, and then buy the elements lacking in our home-grown feeds. I buy a load of bran, oil meal or cottonseed meal, knowing that when fed to balance a ration with our home-grown grains, etc., it enhances the feeding value of our grain from 50 to 100 per cent.

The only place I find where corn fed exclusively is profitable is in feeding hogs the last five or six weeks before selling. That corn is king is true only when balanced with other feeds.

J. P. Fletcher.

Dairy Barn Gutter too Small.

To the Editor of The Homestead:

If there is any part of a new dairy barn that an owner would generally have changed after a month of usage, it is the gutters. The average carpenter knows little about the proper dimensions of this necessity. Invariably the gutter is too small, which makes it a continual annoyance to keep the floor under and behind the cows clean. Thus the gutter falls short of its purpose and disappoints or disgusts the owner.

Nothing is so conducive to clean cows as a wide, deep gutter. The platform for the cows should ordinarily be four feet and eight to ten inches from edge of gutter to stanchion. But if we should advocate sixteen to twenty inches in width and eight to ten in depth for the gutter, we know some would have doubts. Nevertheless, we have seen many barns where a small gutter had been laid and new ones of this size proved very satisfactory. Where the work is done in cement, of course this remedy is costly. When making a wooden gutter of the width suggested it will require two planks for the bottom. These

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It's mighty poor policy to buy until you are sure you are right. That's why we urge you to make a thorough investigation of the Omega—to find out for yourself whether or not it is the separator you want.

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We Want To Show You Why

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should be well cleated together on the under side, either with wooden or iron cleats. If the old wooden gutter is small and defective in places, use some of the spare hours now between chore times in putting down a new gutter. Two-inch sound pine plank are none too good. If it is not desirable to floor all the stable, then floor the portion next to the gutter on which the hind feet of the cow stand. A ten or twelve-inch plank nailed to the side of the gutter and parallel with it will prevent muddy and wet places from forming on this part of the platform.

L. E. Troeger.

INTERNATIONAL LIVE STOCK SALES

Short-horns.

The average of \$304 at the auction sale at the International was most gratifying. The sale was regarded by breeders as being a big success.

COWS.

Sweet Beauty, calved April 2, 1902; sold to Jas. O'Hara, Lanesboro, Minn. \$255
Lady Orleans, calved Sept. 18, 1904; sold to E. S. Kelly, Yellow Springs, Ohio. 500
Nonpareil of Tebo Lawn, calved April 3, 1901; sold to D. R. Hanna, Ravenna, Ohio. 405
Imp. Coquette and b. c., calved Feb. 24, 1897; sold to Frank Harding, Waukesha, Wis. 575
Genny Lind, calved June 2, 1903; sold to E. S. Kelly. 500
Beauty of Browndale, calved Sept. 5, 1900; sold to H. F. Brown, Minneapolis, Minn. 180
Zoe, calved Dec. 24, 1903; sold to Elmdorf Farm, Lexington, Ky. 650
Orange Best 10th, calved Sept. 1, 1903; sold to J. K. Northcutt, Lexington, Ky. 255
Orange Best 8th, calved March 8, 1903; sold to Chas. Blakeway, Ridott, Ill. 220
Lovely Belle, calved Sept. 2, 1904; sold to Elmdorf Farm. 875
Rose of Autumn, calved Oct. 16, 1904; sold to A. H. Miller & Son, Peru, Ind. 415
Spicy of Lakeview, calved Jan. 1, 1904; sold to D. R. Hanna. 255
Silver Queen and bull calf, calved Oct. 15, 1902; sold to E. R. Silliman, Cole, Iowa. 275
Stella 5th, calved March 24, 1905; sold to Herr Bros. & Reynolds, Lodi, Wis. 250
Nectarine, calved Nov. 16, 1902; sold to Arlandi Nuti, Glenham, Wis. 180
Roan Duchess of Gloster, calved Feb. 13, 1905; sold to Robt. Taylor, Neponset, Ill. 310
Lady Duster, calved Feb. 26, 1901; sold to Elmdorf Farm. 385
Lady Duster 2d, calved June 15, 1904; sold to C. L. McClellum, Lowden, Iowa. 205
Bampton Butterfly, calved Oct. 1, 1904; sold to E. S. Kelly. 300
Imp. Lady Clare, calved March 22, 1898; sold to John Creswell, Hillsboro, Iowa. 330
Princess Royal 62d, calved April 15, 1905; sold to D. R. Hanna. 350
Nina Lass, calved Aug. 28, 1898; sold to Frank Harding. 215
Sinnissippi Broadheads 2d, calved Oct. 8, 1905; sold to Elmdorf Farm. 425
14th Rose of Geneva, calved April 16, 1900; sold to C. O. Martin, Belleville, Iowa. 110
Bridal Flower, calved May 30, 1905; sold to Elmdorf Farm. 225
Gem of Linwood, calved Jan. 5, 1905; sold to J. H. Miller. 180
Mermald, calved Oct. 13, 1899; sold to W. W. Vaughn. 110
Princess Louise, calved Dec. 1, 1904; sold to Morton Bros., Nebraska City, Neb. 130
Golden Venus 6th, calved April 26, 1905; sold to Elmdorf Farm. 305
Duchess Mary 2d, calved Sept. 21, 1904; sold to E. S. Kelly. 125
Belle Rose of Eminence, calved June 24, 1900; sold to W. W. Brown. 155
Laura Knight, calved Jan. 1, 1904; sold to E. S. Kelly. 450
Aldrie Duchess A., calved July 31, 1900; sold to W. W. Brown. 200
Snowball, calved May 10, 1905; sold to Morton Bros. 205
Sinnissippi Maid, calved Oct. 15, 1905; sold to C. L. McClellum. 200
Winsome Lassie, calved Jan. 27, 1905; sold to D. Clark. 625

BULLS.

Royal Commander 267242, calved March 17, 1905; sold to Arthur Cooper, St. Cloud, Minn. 200
Superbus 224710, calved Jan. 16, 1904; sold to O. C. Simons, Ida Grove, Iowa. 825
Imp. Ben Lomond 224418, calved March 15, 1902; sold to James O'Hara. 450
Nonpareil Star 238402, calved Sept. 30, 1904; sold to A. E. Stevenson, Port Huron, Mich. 650
Straight Goods 211671, calved Nov. 16, 1902; sold to T. J. Wornell, Liberty, Mo. 500
Fearless Sultan 246809, calved Sept. 20, 1904; sold to W. S. Fears, Broken Arrow, Texas. 210
Morning Star 206060, calved July 7, 1902; sold to Theo. Vest, Jefferson, Iowa. 140
Bapton Ensign Junior 224477, calved Sept. 20, 1903; sold to J. B. Sheffner, Shelbyville, Tenn. 250
Bapton Hero 239401, calved Sept. 3, 1903; sold to John H. Gerin, Mountain Home,

Idaho. 400
Gay Robin 186333, calved Nov. 19, 1901; sold to A. M. Cbilcock, Bloomdale, Ohio. 305
Robin Hood 269130, calved March 1, 1905; sold to M. L. McKay, Washington C. H., Ohio. 100
Highlander 265092, calved May 16, 1904; sold to John Cann. 705
Fairbank 229826, calved Oct. 27, 1903; sold to Cbas. Blakeway. 125
Gay Emperor 267526, calved Oct. 23, 1905; sold to D. H. Highborger, Seward, Ill. 295
Marry Robin 269321, calved Jan. 28, 1906; sold to Carpenter & Ross, Mansfield, O. 125

Angus.

FEMALES.

Pr. of Groveland 17th, calved June 28, 1905; sire Proud Fellowman of Aberlour. Consigned by C. J. Off. Sold to W. A. Norton, Kenton, Ohio. \$130
Blackbird of Cherokee 27th, calved June 10, 1905; sire Edward R. Consigned by H. L. Cantine. Sold to W. K. Henss, Wayland, Iowa. 180
Plainview Queen, calved May 24, 1901; sire Broadus Blackbird. Consigned by Jacob Larue. Sold to W. A. Norton. 100
Heatherton 4th, calved July 19, 1900; sire Wabash of Treaty, and b. c. Consigned by Maurer Bros. Sold to H. Weissinger & Son, Shelbyville, Ky. 135
Queen of Avondale 20th, calved Sept. 27, 1905; sire Proud Duke of Avondale. Consigned by J. V. Arney. Sold to William Caylor, Unionville, Iowa. 100
Blackwood 25th, calved Feb. 5, 1906; sire K's Blon. Consigned by S. S. Kirkpatrick. Sold to Bayard Bros., Waynesboro, Pa. 145
Brookhurst Mina, calved Sept. 15, 1905; sire Kentucky Prince. Consigned by W. N. Foster. Sold to Bayard Bros. 165
Bluegrass Ridge Mat, calved Dec. 15, 1902; sire Justine, and h. c. Consigned by J. B. Withers. Sold to A. Spears, Tipton, Iowa. 150
Ethel Day, calved Jan. 4, 1905; sire Blackbird of Edgewood 2d. Consigned by C. J. Off. Sold to D. Cutler, Ionia, Mich. 305
Black Beauty W. C., calved Sept. 7, 1905; sire Woodlawn of Maple Grove. Consigned by H. L. Cantine. Sold to W. H. Jones, Quincy, Iowa. 155
Coquette of Denison 26th, calved Feb. 2, 1901; sire Baltimore of Glendale. Consigned by Jacob Larue. Sold to N. G. Daughmer & Son, Douglas, Ill. 105
Barbara G., calved Oct. 6, 1905; sire Vala's Rosegay. Consigned by George Kitchen, Jr. Sold to C. Herenden, Chicago, Ill. 160
Metz Ogaria 2d, calved Sept. 20, 1903; sire Wabash of Treaty. Consigned by W. J. Miller. Sold to William Caylor. 120
Queen of Groveland, calved Jan. 6, 1905; sire Blackbird of Edgewood 2d. Consigned by C. J. Off. Sold to D. Cutler, Ionia, Mich. 155
Pride's Beauty C., calved Nov. 29, 1905; sire Earl Essex. Consigned by H. L. Cantine. Sold to D. Cutler. 250
Queen Que 4th, calved Sept. 22, 1905; sire Gay Baron. Consigned by J. V. Arney. Sold to E. L. Salisbury, Sheperd, Mich. 175
Bluegrass Ridge Dorcas, calved March 22, 1905; sire Errelline's Rosegay. Consigned by J. B. Withers. Sold to Stanley R. Pierce, Creston, Ill. 150
Beulah Brown, calved Sept. 7, 1904; sire Pride's Albion. Consigned by George Kitchen, Jr. Sold to Bayard Bros. 145
Kentucky Babe, calved Oct. 11, 1904; sire Hercules of Shawnee Prairie. Consigned by W. N. Foster. Sold to C. Herenden. 130
Eolian, calved Aug. 12, 1905; sire Prime Ito. Consigned by F. L. Sullivan. Sold to J. D. Fleming, Omaha, Neb. 910
Fay Ito, calved Sept. 16, 1904; sire Prince Ito. Sold to Stanley R. Pierce. 230
Environ 3d, calved Feb. 16, 1905; sire Rose's Earl. Consigned by F. L. Sullivan. Sold to Bayard Bros. 510

BULLS.

Blacklist, calved Dec. 1, 1901; sire Black Monarch of Emerson. Consigned by N. G. Daughmer. Sold to M. A. Judy, Beecher, Ill. 250
Belshazzar 2d, calved Sept. 15, 1905; sire Blackbird Ito. Consigned by W. J. Miller. Sold to J. Myerly, Des Moines, Iowa. 255
Imp. Proud Duke of Avondale, calved Dec. 27, 1902; sire Proud Duke of Ballinalloch. Consigned by J. V. Arney. Sold to O. D. Smith, Odebolt, Iowa. 205
Erato 2d, calved Feb. 14, 1903; sire Zaire 12th. Consigned by W. N. Foster. Sold to L. Johnson, Cogsville, N. D. 315
Black Joe of Rubicon, calved Oct. 27, 1904; sire Black Monarch of Emerson. Consigned by S. Melvin. Sold to W. A. Norton. 180
Black Major K., calved Sept. 12, 1904; sire Louis of Lincoln Park. Consigned by Lewis Kerr. Sold to I. W. Conn, Newton, Ind. 100
Black Knight of Highland 5th, calved Jan. 1, 1905; sire Blackbird Baron of Advie. Consigned by M. A. Judy. Sold to T. J. McClure, McClure, Iowa. 290
Heather Cap, calved Nov. 5, 1905; sire Gay Blackcap 2d. Consigned by Jacob Larue. Sold to F. S. Taylor, Wellman, Iowa. 100
Milbert, calved Sept. 15, 1904; sire Prince Lorgie. Consigned by George Kitchen, Jr. Sold to J. T. Redfield, Newell, Iowa 175

Roy of Meadow Brook, calved July 10, 1905; sire Lucy's Prince. Consigned by D. Bradfute & Son. Sold to J. H. Melord & Son, Kingman, Ind. 195
Sweetheart's Pride 2d, calved Jan. 3, 1906; sire Boston Pride. Consigned by McLachlan Bros. & Johnson. Sold to G. O. Cresswell, Oplin, Texas. 130
Quaint Fellow, calved Sept. 3, 1903; sire Proud Fellowman of Aberlour. Consigned by C. J. Off. Sold to Boyd & King, Hillsboro, Ohio. 485
Dalgarm, calved Feb. 14, 1906; sire Errelline's Rosegay. Consigned by J. B. Withers. Sold to H. J. Hess, Waterloo, Iowa. 305
Beau Ito, calved Oct. 24, 1904; sire Prince Ito. Consigned by F. L. Sullivan. Sold to Henry Wick, Youngstown, Ohio. 325

SUMMARY.

45 females \$6,240; average.... \$138.68
18 bulls 3,560; average.... 197.77
63 animals 9,800; average.... 155.50

Herefords.

At the International Hereford sale fifty-one cattle sold at \$8,520, making an average of \$167, against \$155 for the Angus and \$304 for the Short-horns. Van Natta's Queen's Lad, calved Feb. 16, 1904, topped the sale, going to Frank A. Nave, Attica, Ind., at \$725. The seven-year-old cow, Leta, bred by L. B. Chappell, Mt. Leonard, Mo., topped the female offerings at \$350, going to Cargill & McMillan, LaCrosse, Wis.

A WONDERFUL OIL HEATER.

It Solves the Problem of Fall and Spring Heating and Supplements the Regular Heating Apparatus in Mid-Winter.

With the passing of the summer months comes autumn, and with it the chilly nights and mornings which force us to turn our thoughts to the problem of heating our houses, and we begin to look over our stoves and furnaces and get them in repair for the cold winter months.

To start stoves and furnaces in the early autumn brings more or less discomfort for the reason that they furnish too great heat during those portions of the day when the heat of the sun is still considerable. For such times the Perfection Oil Heater, equipped with a device which prevents all possibility of smoking, solves this hitherto perplexing problem.

There are also many times during the cold winter months, while the furnace and stoves are in operation when they may not be equal to the task of warming remote rooms, hallways, etc. This is more apt to be true in the early morning before the full efficiency of the regular heating apparatus is developed. In many houses there are rooms not reached by direct heat. At such times and in such places the Perfection Oil Heater will be found a very valuable auxiliary. It will enable the household to eat its breakfast in comfort instead of shivering with the morning chill.

The Perfection Oil Heater produces a surprising amount of heat immediately after lighting and will heat an ordinary room in a remarkably short time. They are strong and well made in a design pleasing to the eye, and they are light enough to be easily carried from room to room as required.

In these days of numerous devices for illumination, there are still many who have not provided themselves with satisfactory lamps. The Rayo Lamp makes it possible for everyone to have adequate light at a small cost. The Rayo Lamp is the best lamp for all-round household use. It is made of brass and beautifully nickel-plated, and is an ornament to any room whether in palace or cottage.

The Perfection Oil Heater and the Rayo Lamp form a combination that makes home bright and comfortable. Their absolute safety and very moderate price make them a valuable and easy acquisition to any home. Both heater and lamp are warranted.

WEEK END RATES VIA M. & ST. L. R. R.
On Saturdays and Sundays the Minneapolis & St. Louis R. R. will sell round-trip excursion tickets, Des Moines to Waterville and Montgomery, Minn., at one fare plus \$2. Return limit seven days, including date of sale. Buy tickets at City Ticket Office, 512 Walnut St., or Union Station.

EXCURSION RATES FOR THE HOLIDAYS.
Via the North-Western Line. Excursion tickets will be sold at reduced rates on nine dates: December 20, 21, 22, 23, 24, 25, 30, 31, 1906, and January 1, 1907, good returning until and including January 7, 1907, to stations on the North-Western Line (including C. St. P. M. & O. R'y), and to points on certain other lines, for full details of which apply to agents Chicago & North-Western R'y.

DE LAVAL

CREAM SEPARATORS
Save \$10.- to \$15.- Per Cow
Every Year of Use
Over All Gravity and Dilution Systems

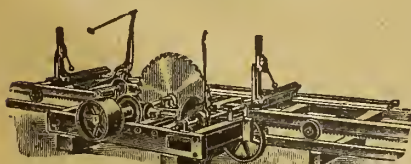
And At Least \$5.- Per Cow
Every Year of Use
Over All Other Cream Separators

While They Last
From Two To Ten Times Longer
Than Any Other Machine.

Catalogue and any desired particulars
to be had for the asking.

THE DE LAVAL SEPARATOR CO.
BOSTON & CHICAGO, ILL.
100-110 TRINITY BUILDING
CHICAGO, ILL.
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NEW YORK.
100-110 TRINITY BUILDING
MONTREAL
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TORONTO
100-110 TRINITY BUILDING
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American Saw Mill Machinery.



Traction and Stationary
Engines, Air Cooled
Gasoline Engines, Sepa-
rators, Shellers, Shred-
ders, Hay Balers

We Repair Machinery of all Kinds.

CEDAR RAPIDS MACHINERY & SUPPLY CO.,
307-9-11 3D AVE., CEDAR RAPIDS, IOWA.

Page Poultry Fence

Needs no top or bottom boards. Is made of large wire—the smallest being No. 14. All horizontals are high carbon, double strength, spring steel wire, heavily galvanized to prevent rusting. Expansion and contraction are provided for—all the horizontals being coiled and springing wire. It is easily adjustable to hilly surfaces—the coil does it. Stands up stiff, does not sag, bag or buckle. Costs less than other common nettings. Looks better. Lasts much longer. Height, 4, 5 or 6 feet. If you need Poultry Fence, write us.

PAGE WOYEN WIRE FENCE CO.
Box 772 Adrian, Mich.

This 230 Egg Incubator

\$12.75
ONLY

We Pay the Freight

East of the Rockies.

Here's an offer never before equalled. The famous

Royal Incubator

sold on trial, freight prepaid. Guaranteed in every way. Automatic control of heat and ventilation. Perfect hatches assured. Doubles your poultry profits. Don't pay more for smaller and poorer incubators. Get the best at freight-paid bargain prices. Investigate before you buy. Fine catalog of incubators, brooders, poultry and all supplies free. Booklet, "Proper Care and Feeding of Chicks," 10c. 60c poultry paper one yr., 10c.

Royal Incubator Co., Drawer 755 Des Moines, Ia.

You can't tell a good incubator or a good brooder by looking at them. The only true test is in the Hatching and Raising of Chicks. The machines that Prove Best by that test are the

IDEAL

Incubators and Brooders.

Made by the man who knows and backed by the J. W. Miller Cos.' guarantee to give you satisfactory results or your money back after 30, 60 or 90 days Free Trial. If you are discouraged try the Ideal—if you don't want to be discouraged try the Ideal. Send for the book "Poultry for Profit"—Free. 128 pages, illustrated and describes everything needed to raise poultry.

Address J. W. MILLER CO.,
Box 305, Freeport, Illinois.

\$7.00
Buys the Best
120-EGG
Incubator
freight prepaid, ever made.

Double cases all over; best copper tank; hot water; self-regulating. Best 100 chick hot water; Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

Belle City Incubator Co., Box 52, Racine, Wis.

Write today for The Autobiography of a Hen and the Victor Book—the whole story from the chick in the egg to how to make hens lay. All about incubators for expert and beginner. Knowledge you ought to have if you are thinking of buying one. VICTOR machines are practical and well made, economical in operation and always produce the best results. Don't waste your time, eggs and oil in a poor machine. Let us tell you how to begin right. Our 40 years experience is at your service in these books. Let us send them to you and see. Write us for them today. Geo. Ertel Co. Established 1867. Quincy, Ill.

FOR SALE: Live deer, all ages, California quails, forrest, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-colored parrots, a collection of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.

MORE EGGS—LESS FEED
OPEN HOPPER.
Humphrey Green Beans and Vegetable Gutter
will double your egg yield and cut your feed bill in half. Guaranteed to cut cost and fatten faster than any other. Trial offer and catalogue free. Humphrey, Home St. Factory, Joliet, Ill.

FOR SALE.
30 IOWA AUTOMATIC gates, 15 1-2 feet wide \$4.75 each, barb wire top, woven wire bottom. We also make Musgrave Wire Stretcher and Farm Scales.

MUSGRAVE FENCE CO., Des Moines, Iowa

DOGS.

I Have Some Extra Fine Fox Terriers
NICELY broken, also young stock, both sexes, all guaranteed to make extra good rat dogs. Also our broken Collie bitch for \$15, or will exchange for a C. H. Drake hen or pullets.

C. H. DRAKE, Stackport, Iowa

THOROUGHBRED fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

When writing to advertisers please mention this paper.

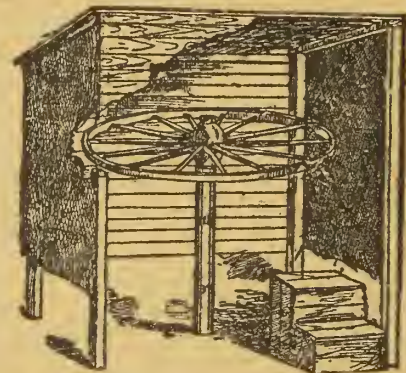
POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

A COZY CORNER IN THE HEN HOUSE.

The coziest and most practical device imaginable for furnishing warmth and comfort to the hens during winter nights has recently been suggested. After a thorough cleaning of the floor in the poultry house, a stout hickory post, about two and one-half inches in diameter is driven firmly down, about three feet from the wall. If the house is small so only one is needed, put it in a corner. Sharpen the top of this stake and set thereon a discarded wheel. This makes an ideal roost—one which will accommodate from twenty-five to thirty hens, according to size of wheel. It is remarkable how such a roost delights the hens. The spokes are all on a level. The rim and spokes make a natural foothold, there is no falling off, and the biddies sit in a fluffy bunch, as "comfy" as you please.

But the roost is only part of the plan. If the wheel is placed in a corner, the



two walls will furnish two sides of the proposed "bedroom." Set a post of a 1x2-inch strip four feet from each of the side walls. Nail other strips from the top of this post, (which should be two feet higher than the wheel) to the side walls. From these strips hang a curtain made of either canvas, muslin, coarse burlap or old carpet, according to convenience, which can be rolled or put up in the daytime out of the way. Over the top make either a board covering, or one of the curtain material. In this way the hens are comfortable even in a cold house. In many respects burlap is the best curtain material, as it admits air, yet is draft proof.

The wheel should not be more than thirty inches from the floor. The "hop-up" box will prove a convenience. The wheel is also very easily cleaned. Take it outside and after placing it on a bunch of straw fire it for a brief space. Or, it can be readily sprayed, first on one side and then the other.

The advantages of this scheme are evident. The old way of fastening the roosts makes it difficult to successfully fight lice and mites. It is also a great economizer of room. The floor space thus saved can be kept clean for scratching purposes. By putting straw under the wheel roosts, the droppings can be easily removed at frequent intervals, and the houses thus kept in a sanitary condition at a minimum of labor. These warm quarters so nearly simulate summer conditions, that, if the feeding is done correctly, and fresh water supplied, the hens will almost have to lay.

Almost any blacksmith has a lot of useless wheels lying about, which he will be very glad to get rid of. However, if a call for the wheels becomes general, these present nuisances may become a means of profit to him, by charging a nominal sum. It is a great idea and whoever solved it should make himself (or herself) known, as it cannot fail to become immensely popular.

GETTING THE BETTER OF THE CHICKEN THIEF.

Where can you find a more detestable object than a chicken thief? I mean the two-legged kind that prowls around and prey upon the results of the hard work of others; in many cases, women of small means. If there is a meaner individual on the face of the earth, he should be set up for the public to view. Many methods have been tried to fend off these rascals of the midnight in-

Sure Hatch is the Incubator that Hatches Most Chicks

Used by more poultry raisers and hatches a higher average number of chicks to the hatch than any incubator in existence. Hatches better and cheaper than hens, no matter where you live. Runs itself and pays for itself with one hatch—or we take it back at our expense.

For ten years we have been selling the Sure Hatch this way, and it "makes good" every time.

You can set it any place indoors at any time and have good hatches, even if you never saw an incubator before.

Guaranteed for five years and made to last a lifetime. Just the thing for winter hatching. Send today for our new FREE 100-page book, and learn more about the Sure Hatch and its low prices, freight prepaid. No trouble to answer questions.

Address plainly,

Sure Hatch Incubator Co., Box 16 Fremont, Neb.; or Dept. 16 Indianapolis, Ind.

NO MORE FAILURES

Queen Incubator prove its actual hatching value—in any weather—any time. A hen picks her own time for setting; it's up to her instinct—not to your need of her.

QUEEN INCUBATORS

are always ready—always faithful and are the result of long, practical experience in incubator construction. They are redwood cabinet construction, hot water heating chicks hatches that turn every fertile egg into a chicken. It needs no regulating, no watching and brings sure results. Send for big free catalog. Let us ship you any size Queen freight prepaid on your own terms.

PINKERTON MANUFACTURING CO. :: 1027 N. 14th St. :: LINCOLN, NEB.

POULTRY.

MAMMOTH BRONZE TURKEYS.
MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.

ROSE COMB BROWN LEGHORN, Single Comb.
Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

30 WHITE HOLLAND TURKEYS.
CHOICE, large-boned stock. Toms, \$5.00, hens \$3.00, \$10.00 per mated trios. Mrs. T. H. Schuknecht, Tripoli, Iowa.

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

FOR SALE—Extra choice Single Comb Brown
Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

BLACK LANGSHANS, the result of nine years' careful and exclusive breeding. \$1.00 each in lots of three or more. H. M. McKee, Sac City, Ia.

BLACK LANGSHAN cockerels for sale. Fine, large birds, plenty of bone, beautiful plumage, \$1 ea. if taken soon. Mrs. Joseph Yustin, Prescott, Ia.

UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, Pure bred, well-marked birds. Albert Haus, Waucoma, Ia.

SILVER Wyandottes exclusively; large, vigorous birds from high-scoring stock. Reduced rates for 30 days. We need room. S. R. Young, Greenville, Ia.

MAPLE Grove Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. C. Newell, 14, 6, Audubon, Ia.

S. C. B. LEGHORN cockerels and pullets for sale at reasonable prices; also M. B. turkeys and B. P. Rocks. J. P. Eskildsen, Lawler, Ia.

WHITE Wyandottes, both sexes. Scored and un-scored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

WHITE Plymouth Rocks, White Holland turkeys and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

BUFF ORPINGTONS and Buff Rock cockerels. Large, even colored birds, \$1.00 to \$1.50 this month. Mrs. G. R. Enler, Rolfe, Iowa.

S. C. BROWN LEGHORN, S. C. White Leghorn, and Silver Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

BUFF Rock Cockerels for sale. A few fine ones at \$1.50 to \$5.00 each. Buff to skin. Mrs. J. J. Rink & Son, Shelby, Iowa.

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

PARTRIDGE COCHINS exclusively. Both sexes for sale. None better. Mrs. C. E. Wonderly, Benedict, Neb.

FINE, LARGE MAMMOTH BRONZE TUR-
keys and Rouen Ducks. J. H. Howarth, Moulton, Iowa.

vasion, but their success has not been notable.

But in electricity we may find the protector we have so long been seeking. One man who has been experimenting claims that by an investment of a single dollar a poultry house may be amply protected from raids. In his own experience he expended the dollar as follows: Two dry cells, thirty cents; a bell, twenty-five cents; several little fixtures for doors and windows costing about twenty-five cents more, the rest being put into insulated copper wire. According to this same authority, all that is necessary to install this plant is common sense, a jack-knife, a screw-driver and a gimlet. The story of its working may be best told in his own words:

"The minute a door is opened the bell rings. The minute a window is opened the bell rings. The minute the bell rings the thief skips; that is all there

POULTRY.

BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains, Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fishel White Rocks. We have them and are going to sell them at bargains. Please notice change in address.

C. C. Drake & Son,

LaHarpe, Ill.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

FRANK FOY, BOX D, DES MOINES, IOWA.

B. P. ROCKS EXCLUSIVELY

MY young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are the every thing else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence.

G. W. STOUT, Rose Hill, Iowa

B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, Palo, Iowa

WHITE HOLLAND TURKEYS.

10 FINE two-year-old toms, \$5.00 each. No White Wyandotte stock for sale.

FOREST HOME POULTRY FARM, Audubon, Iowa

30 CHOICE

Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

Address, JNO. C. MILLER, Harlan, Iowa

BARRED P. ROCKS.

EXTRA large, evenly barred, nice yellow legs and beak. Bradley and Latham strains. Prices reasonable. Satisfaction guaranteed.

J. L. BARBER, Herlan, Iowa

White Holland Turkeys

ALSO breeder of Duroc Jersey swine. The home of Ben Davis. Bred sow sale, Feb. 23, 1907.

J. S. TEALE, R. R. NO. 4, LAMONI, IA.

75 BARRED P. ROCK COCKERELS.

LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellabarger & Todd, \$2.50 to \$5.00 each.

W. R. WARWICK, Montezuma, Iowa

RHODE ISLAND REDS.

Also High Scoring S. C. B. Leghorn.

Write for prices.

P. H. THIEL, Renwick, Humboldt Co., Iowa

200 BARRED P. ROCK COCKERELS

fine style and well barred, at \$1.00 to \$2.00 each, from prize-winning stock; also Mammoth Bronze turkeys from Iowa State Show winners. S. V. Latham, Montezuma, Iowa.

is to it. The sharp cling-eling of the bell is all that is necessary to drive a thief away. His conscience and fears will do the rest. It is not necessary for you to hear the bell. Let him hear the bell, while you sleep quietly on, undisturbed."

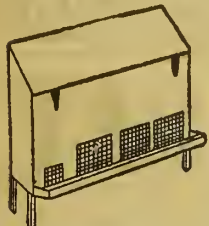
Interesting, isn't it? But this man assures us it has worked perfectly in his case. His neighbors have been robbed time and again, but his stock was always intact in the morning. One feature of the plan that strikes one as especially to be approved is the fact that it is not necessary to have any

bell in the house. This would imply that it was necessary for the owner to wake up and drive the thief away. But by this new plan the thief does his own driving; often with much less loss and damage.

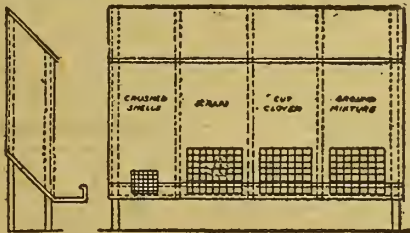
This experimenter took the precaution to have a lot of blind wires strung up about the yard, running to the house. These were not connected with the bell, but were put there to delude anyone prowling about, sizing up the surroundings with a midnight raid in view. These wires might be cut to any extent without interfering with the real plan. The important wires were all out of sight in the poultry house, and the only way the intruder could learn of them was by trying to open a window or door, and then, that bell! "Conscience makes cowards of us all," you know.

SELF FEEDERS.

The self feeder is a time saver where a great number of fowls are kept. In speaking of self feeders Mrs. R. Von Haesler writes of the plan illustrated recently in the Reliable Poultry Journal, as follows: "In winter the compartments



are kept filled with crushed oyster shells, meat scraps, cut clover and ground mixture, and the whole grains are fed in straw to induce exercise. In the summer when fowls are on free range, whole grains may be kept in the feeder in place of clover and ground mixture. Dimensions are: Height, back, thirty-six inches; front, twenty-eight inches; depth, twelve inches; width, forty-eight inches. As illustrated there are four compartments, each twelve inches wide, three having openings 8x10 inches, and one five inches square for oyster shells. The openings for scraps and ground feed are covered with three-eighth-inch mesh netting, and those for shells and clover with one-half-inch mesh. When filled with grain



strips of wood may be tacked over part of the openings if the grain feeds too freely. The cover slants at an angle of 45 degrees, and is hinged at the lower edge. The bottom is also slanting. The trough in front is five inches wide and one and one-half inches deep, with bottom covered with tin, as wood is soon worn away. A narrow wooden strip projects over into the trough about an inch, to prevent the feed from being wasted. By using this device the hen can balance her own ration, which she is better able to do than can be done for her, but above all, it brings care and labor to a minimum."

The outlook is exceedingly bright for next year's poultry business. Several reasons contributed toward a short hatch. Hens positively refused to sit early, and in some localities, scarcely went broody the entire season. Egg fertility ran unusually low, so that incubator hatches fell below the average, therefore the amount of breeding stock

for sale is much less than the probable demand, which fact will tend to boom prices. The moral of this situation—advertise if you have breeding stock to sell.

Success depends largely upon the condition in which hens begin the winter season. Judicious feeding that will make them heavy—not too fat—and the strength that comes from exercise are important factors. After the days of confinement come, those hens will endure the trying conditions best that were properly cared for previously. Neglect never pays, either in summer, winter, fall or spring.

POINTERS.

—White Wyandotte cockerels, at \$1 each, are offered for sale by Mrs. C. Rogers, of Exira, Iowa.

—One hundred White Leghorn cockerels are advertised for sale by Mr. J. H. Pieper, of Leigh, Neb.

—If you want White Holland turkeys write the Forest Home Poultry Farm, Box 253, Audubon, Iowa.

—Barred Plymouth Rock cockerels, good ones, are offered for sale by Mr. J. L. Barber, of Harlan, Iowa.

—Mr. Jno. C. Miller, of Harlan, Iowa, is advertising thirty choice Single Comb White Leghorn cockerels for sale.

—Single Comb Buff Orpingtons, both males and females, are offered for sale by Miss Nettie Crane, of Blencoe, Iowa.

—Mr. H. M. McKeen, of Sac City, Iowa, advertises Black Langshan cockerels for sale at \$1, providing you order at once.

—Choice Single Comb Brown Leghorn cockerels are offered for sale at \$1 each by Mr. E. O. Wolcott, of Gilmore City, Iowa.

—White Wyandotte hens, scoring from 84 to 96 points, at \$1.50 to \$3 each, are offered for sale by Mrs. L. M. Estes, of Audubon, Iowa.

—Four hundred Barred Plymouth Rocks and White Wyandottes are offered for sale at \$1.50 to \$5 by Mr. W. C. Frazier, of Atlantic, Iowa.

—We desire to call the attention of our readers to the advertisement of Mrs. C. F. McLochlin, of Gray, Iowa, on this page of The Homestead in which she is offering for sale Mammoth White Holland turkeys, Imperial Pekin ducks and pure-bred White Wyandotte chickens. Her White Holland turkeys were raised from stock scoring 97 points. Her White Wyandotte chickens score

from 93 to 96½ and her Pekin ducks from 95 to 97½.

—Buff Orpington and Buff Rock cockerels, large, even-colored birds, are offered for sale by Mrs. G. R. Fuller, of Rolfe, Iowa, at \$1 and \$1.50.

—If wanting Rose Comb White Leghorns write Mr. M. T. McEvoy, of Emmetsburg, Iowa, for prices. His advertisement appears on this page.

—The Wayside Farm, of Mt. Vernon, Iowa, have a nice lot of Silver Laced Wyandotte cockerels for sale. Their new advertisement appears on this page.

—Mrs. C. E. Couger, of Bristow, Iowa, has fancy White Holland turkeys from thoroughbred stock which she is offering for sale at very moderate prices in her advertisement on this page.

—Will readers of The Homestead write us the name and address of any breeder of the large black variety of ducks of whom they may know? Please send to J. W., care of The Homestead.

—Mrs. J. J. Rink & Son, of Shelby, Iowa, have some good Buff Plymouth Rock cockerels for sale at very liberal prices as per their advertisement which will be found on page 10 of The Homestead.

—Mr. W. E. Shutt, of St. Charles, Iowa, is offering choice thoroughbred Plymouth Rock cockerels, nicely barred and of good bone, for sale at \$1 each in his advertisement that appears on this page of The Homestead.

—The Iowa Poultry Yards, of Gilmore City, Iowa, are offering Rose Comb Rhode Island Red cockerels for sale from particularly choice stock, as per their advertisement which will be found on this page of The Homestead.

—Mr. Lloyd Peterson, of Corning, Iowa, is offering fifty Buff turkeys of both sexes for sale in his advertisement on this page of The Homestead. He also has White Plymouth Rock cockerels which he will quote at reasonable prices.

—Mr. Geo. Amos Ilten, of Cedar Rapids, Iowa, proprietor of the Gilt Edge Duck farm, is offering big-boned, husky Barred Plymouth Rock cockerels for sale in his advertisement on this page of The Homestead. He also has hens and pullets on which he is quoting a very low price.

—Mr. C. W. Phillips, of New Sharon, Iowa, who has been a breeder of Black Langshan chickens for fourteen years, places an advertisement on this page of this week's Homestead. He announces that he has a fine lot of young stock that he wishes to dispose of at once and will make right prices to those who will write him their wants. These score from 90½ to 95½ and he will dispose of them at \$2 up. He guarantees the quality of his birds, therefore our readers

POULTRY.

REMOVAL SALE.

OF thoroughbred Fitchel White Rock chickens. My fine flock of two hundred birds must all go at once, as I leave for Washington soon after January 1st. Also incubators, brooders and colony houses. Write for prices.

H. W. SEITZ, - - - Allison, Iowa.

Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90½ to 95½ at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unsoured cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, - - - Iowa

For Sale at \$1.00 Each.

GOOD, choice, thoroughbred Barred Plymouth Rock cockerels, good boned and nicely barred.

W. E. SHUTT,

St. Charles, - - - Iowa

FOR SALE: PURE Bradley Bros. B. P. Rocks, also pure Fitchel White Rocks and others from utility stock to show first pairs or breeding pens. Several line S. C. W. Leghorn cockerels, Mammoth Bronze turkey toms and Toulouse geese of superior quality, priced to sell. C. H. DRAKE, - - - Stockport, Iowa

400 Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points, 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 96½ at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

SILVER LACED WYANDOTTES.

A NICE LOT of young cockerels for sale at \$1.00 each, from good laying flock.

Wayside Farm, - - - Mt. Vernon, Iowa

BARRED ROCKS.

BIG boned, husky cockerels at \$2.50; hens and pullets at \$1 each. Geo. H. Ilten, Gilt Edge Rock Farm, Cedar Rapids, Iowa.

MAMMOTH White Holland Turkeys, Imperial Pekin Ducks and Barred Plymouth Rocks from prize-winners of extra heavy weight and high scoring. Fred Post, Moulton, Iowa.

ROD-ISLAND Red, rose comb, cockerels for sale. Strictly choice stock from prize winners. Iowa Poultry Yards, Gilmore City, Iowa.

ROSE COMB WHITE LEGHORNS.

—Write for prices.

M. T. McEvoy, - - - Emmetsburg, Iowa

40 BREEDS hardy northern raised thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. R. R. Neubert, Maukato, Minn.

MAMMOTH W. Holland turkeys, Imperial Pekin ducks and pure bred White Wyandotte chickens, Hallowell strain, Mrs. C. F. McLochlin, Gray, Ia.

50 BUFF TURKEYS, both sexes, also some good W. P. Rock cockerels. Prices reasonable. Lloyd Peterson, Corning, Iowa, Route 3, Box 21.

LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

FANCY White Holland Turkeys, best thoroughbred stock at \$3.50 for gobblers and \$2.50 for hens. Mrs. C. E. Couger, Bristow, Iowa.

take no chances in obtaining the very best. He also has unsoured cockerels for sale.

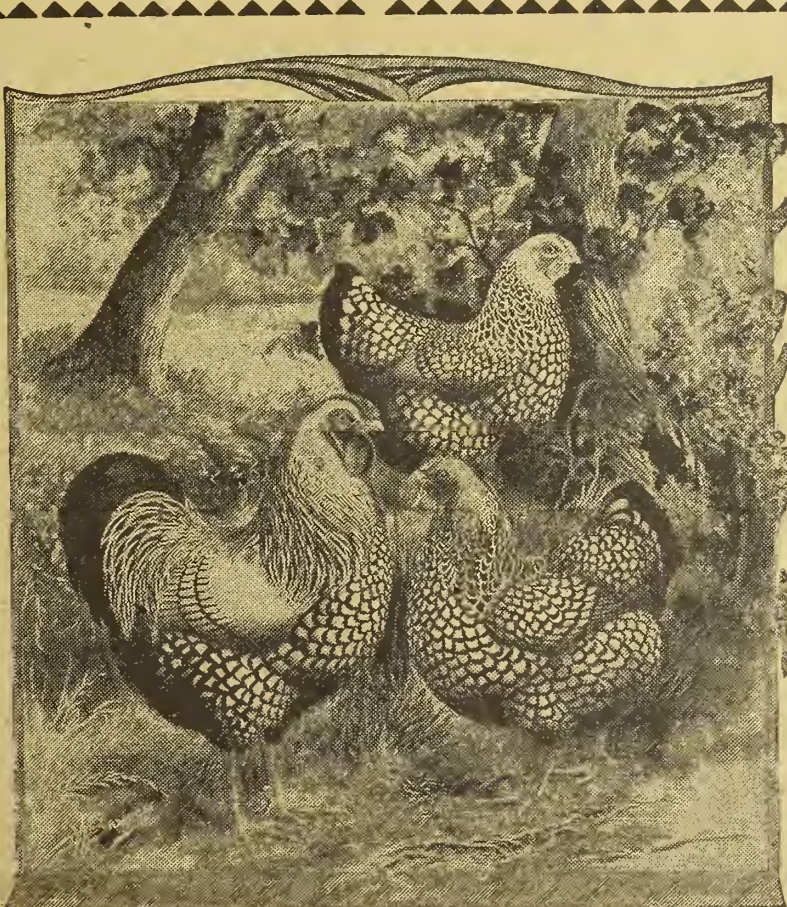
—Mr. H. W. Seitz, of Allison, Iowa, is compelled to close out his thoroughbred Fitchel White Rock chickens at once, as he is going to leave for Washington soon after January 1st. He also has incubators, brooders and colony houses for sale. Write him for prices. See advertisement on this page.

—Mr. E. S. Dyas, of Bellevue, Iowa, in furnishing copy for his advertisement on this page, writes: "We have the best lot of poultry of the varieties we are offering for sale in our advertisement on this page, to be found, and are very careful to give anyone who favors us with an order, a good deal. We guarantee satisfaction every time."

—Mr. Julius Runge, of Middleton, Wis., in furnishing copy for his advertisement appearing elsewhere in this issue, writes that he has an extra fine lot of Single Laced Wyandottes, Barred Plymouth Rocks and Rose Comb Brown Leghorns for sale. They are large, heavy boned and he will sell them cheap and guarantee safe arrival.

—Mr. J. W. Wagner, breeder of Barred Plymouth Rock chickens, of Monroe, Iowa, whose advertisement will be found on this page, says: "I have the best and closest barred Barred Plymouth Rock cockerels this year I have ever raised. I also have the best marked lot of turkeys. They are sired by males and females scoring 95½ to 96½. At the Newton, Iowa, show I won first on old tom, first on old hen, first and second on young toms, first on young pullet, first and second on old Barred Plymouth Rock cockerels and first on hen. At the Monroe show I won first on old tom, third on old hen, first and second on pullets, first on old cock, third on cockerel. I will sell Barred Plymouth Rock cockerels for the next two weeks at a big bargain, quality considered."

—In furnishing copy for his poultry advertisement found on this page of The Homestead, Mr. C. H. Drake, of Stockport, Iowa, writes: "I have bought eggs of Messrs. Bradley Bros. for the past three years and my Barred Plymouth Rocks all have that narrow, deep, handsome barring so much desired, with rich yellow legs. I also have purchased White Plymouth Rock eggs from Mr. Fitchel and I have them that are pure white and very fine shape. I think I can please the most exacting in both varieties. I have not got as many turkeys this year as usual, but the quality was never as good. I can furnish some very fine geese and will make very low prices on all of my poultry to move it for the next thirty days, or until January 15th. I have more quality this year than ever before."



The Above Illustration is a Fair Representation of Crescent Farm Silver Laced Wyandottes.

We wish to call the attention of our readers to the advertisement of Mr. Frank Foy, of Crescent Poultry Farm, Des Moines, Iowa, on page 10. In a recent visit to the farm we saw many fine fowls. The illustration above is a fair representation of same. Mr. Foy has also paid particular attention to line breeding. The points for which he breeds are heavy egg production, utility and standard markings. He is a consistent believer in line breeding and thinks it is the only method in which results can be foretold with any certainty. He has made his reputation on the merits of his birds. A large per cent of his orders come from old patrons or those who have been recommended to send to him by old customers who have bought stock or eggs at Crescent Farm. Mr. Foy is also probably the best posted incubator man in this country, having been engaged in the business for years, before he went into the poultry business. The demand for his incubators continued and he is well equipped to take care of all incubator orders that may come to him. His knowledge is practical, not theoretical. One fact is worth a hundred theories. We would advise any of our readers who are interested in poultry and incubators to send for Mr. Foy's poultry book, which is the finest and most valuable one we have ever seen. It tells the beginner how to start on a small or large scale, and how the largest purebred poultry business in the world has been built up from a small beginning. Tells how to start right; how to make money raising fowls on the farm; how to line breed; how to win at shows; how to prevent and cure diseases; how to run an incubator and manage a brooder. This is the most valuable book for the beginner in poultry raising ever published. Revised and enlarged edition just issued. This book will be mailed for four cents, by addressing Mr. Frank Foy, Box D, Des Moines, Iowa.

Succeed with a Successful

Simple, self operating machines, sure of results. Take the least care and can be depended on for big batches under all conditions.

INCUBATORS AND BROODERS

with records, not experiments. Many thousand long-time users, all satisfied. Send to

Des Moines Incubator Co., Dept. 60, Des Moines, Iowa.



Incubator and Poultry Catalog FREE. Booklet, "Proper Care and Feeding Small Chickens," 10c. 50c. poultry paper one year, 10c.



Hatch Chickens by Steam with the EXCELSIOR INCUBATOR or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatches made. GEO. H. STAHL, Quincy, Ill.

Send for free Catalogue.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

A LAW NEEDED TO PREVENT WEED SEED DISTRIBUTION.

Numerous complaints have been made during the past few years of the poor quality of much of the seed sold in the state of Iowa. The very real and growing danger of the introduction of noxious weeds in such seeds has made some regulation for the protection of the purchaser imperative. The state board of agriculture designed a committee, consisting of Governor Packard, Prof. C. R. Curtiss and State Dairy and Food Commissioner Wright to investigate this problem. This committee has prepared and presented to the state board of agriculture a draft of a bill designed to restrict and regulate the sale of impure, adulterated and misbranded seeds.

Prof. L. H. Pammel, of the Iowa State College, and his assistants have been investigating for some months the purity of the seeds offered for sale in this state. They not only found that nearly every sample studied contained impurities, but that among 238 samples in which percentages were definitely determined, in some cases the impurities amounted to 18 per cent. The average for red clover was 19.3 per cent. Alfalfa and timothy were somewhat better and alsike poorer. On an average the farmer pays twenty-six cents for the impurities found in every 100 pounds of red clover seed, twelve cents for impurities in alfalfa, fifty-one cents for impurities in alsike and twenty-three cents for impurities in timothy.

In many cases seed had a very low degree of vitality. In one case only 2 per cent of the clover seed germinated and the average per cent of germination in all samples tested was only 79 for the plump seed and 30 for the shrunken seeds. In Europe, where seed regulation is very strict, many seed merchants sell clover seed that germinates above 90 per cent; in fact, some give a guarantee of 96 per cent purity and 95 per cent vitality.

Last spring the seed was uniformly high in price. The farmer cannot afford to pay such high prices for seed when so much of it does not germinate. It is very evident that in many cases old seed was mixed with the new and this accounts in part for the low vitality. Instances have come to light where seed dealers have purposely bought up old and weedy seed for the purpose of mixing with the new and good seed. A good many of the samples contain Canada thistle and other noxious weeds, some also contain dodder. These weeds the farmer does not care to introduce. That those have in the past been introduced is very evident in many parts of the state. The value of land badly infested with quack grass has been known to depreciate from \$60 to \$15 and \$20 an acre. It costs as much to rid land of such weeds as to clear it of timber.

Several states have passed excellent laws; among these we may mention Ken-

Let Me Quote You A Price ON (We Pay the Freight) On The AMERICAN Manure Spreader

We will send you the famous American Manure Spreader direct from our factory, because we've stopped selling this celebrated machine through jobbers and dealers. You save their profits now. You get the wholesale factory price on the best Spreader-made-not a "cheap" Spreader, but the best one in the market.

I Don't ASK You to Send Cash

As we send you the American and you pay us on easy, liberal terms—letting the Spreader really pay for itself as it earns for you—after you've tried it free. You now get the American, recognized as by far the best Spreader, for no more than you must pay for an ordinary Spreader. It is the

Lightest Draft Spreader Made.

That saves your horses. The machinery works only when you start it in your fields—is at rest as you drive out. That saves wear and tear on the Spreader. And you ought to use a Manure Spreader. An American Manure Spreader will make your manure cover more ground, your ground grow more crops, your crops bring more money, and it will make your land worth more dollars per acre. The American has 40 per cent more exclusive features than any other Spreader. I want to tell you about it.



these practical exclusive features which make the American the only Spreader for you to buy at any price. The American is the Standard of the world. We allow

30 Days' FREE Trial

on every American Spreader made. We want every customer to see and try an American Spreader. We want every customer satisfied and to prove that our spreader is just as represented, therefore we say

Test It in Your Own Fields

If it is not just as represented you can return it. We pay all freight—BOTH ways—trial being FREE. My low price is for the American Manure Spreader delivered at your station—freight paid—including free trial—giving you the dealer's and jobber's profits, and—

If Satisfied—Take Your Time Paying

for your American Manure Spreader. Now, I want you to know my new low price and I want you to know all about the American Spreader.

Write Today for My Price

and I'll send it promptly. Also my free catalogue and booklet, which tell you all about the American Spreader, and Fertilizing. You'll be interested in both. You'll be glad you wrote. A postal will do. Don't buy until you investigate this. Take your time investigating, but—WRITE TODAY.

W. W. Collier, Gen. Manager
American Harrow Co., 145 Hastings St., Detroit, Mich.

tucky, and Maine. A recent report, issued by the Kentucky Agricultural Station shows that the Kentucky law has greatly improved the quality of seeds sold on markets in Kentucky. The seed control act of Canada, 1905, has also increased the quality of the seeds offered for sale in Canada.

WINTER RHUBARB.

A plentiful supply of rhubarb for winter use may be had with very little labor. The roots are dug late in the fall and allowed to freeze solid. About January 1st they are planted in trenches in the cellar or cave and watered freely. The room in which the roots are planted must be kept absolutely dark and at a temperature of 50 to 60 degrees. If growth does not start within ten days the temperature should be raised, but if it is kept too high the growth will be inferior.

In watering, it is best to use water which has been heated to about 80 degrees. This insures against a chill to the plants. The stalks should be kept pretty closely picked off, as growth will soon cease where they are allowed to remain.

In the spring the roots should be taken up. They are of no value to replant, as they will have become exhausted from bearing the winter crop.

In view of the fact that the fruit tree agent will advise planting all kinds of trees, plants and vines too close together for the purpose of getting as large an order as possible, the following suggestion are offered as coming near the proper distances: Apple trees, twenty-five feet each way; plums and cherries, sixteen feet each way; raspberry and blackberry vines, four by eight feet; grape vines, six by eight feet; strawberry vines, twenty-four by forty-two inches.

We cannot too often preach the doctrine: "Plant standard varieties." Fancy trees at fancy prices are not for the common people. Thousands of dollars are thrown away by the farmers every year on trees with high-sounding names. These are almost always disappointing. We have yet to see a new apple, plum, cherry or strawberry that is better than the old standard varieties.

The copious rains of the last week of November and the first week of December will be very beneficial to fruit of all kinds wherever the ground was not frozen too much to allow the water to soak in. Damage to fruit trees from frost usually occurs only where the ground freezes solid in dry condition. This induces cracking of the soil and damage to the roots.

When the snow drifts pile high there is danger of damage to apple trees by being peeled by the rabbits. The best preventive we have used is a shot gun. A tramp through the orchard every few days will locate any offenders and a good aim should put an end to their circulation.

Strawberry beds that were in good condition at the end of the cultivation season give every prospect for a good

GRAIN FREEMAN BROS. & CO. HAY

COMMISSION MERCHANTS,
Established 1888, 66 Board of Trade, Chicago.
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

yield next season. But this is only on condition that the vines are covered as soon as the ground is frozen.

BREEDERS' MEETINGS DURING INTERNATIONAL WEEK.

SHORT-HORNS.

In the absence of H. S. Brown on account of sickness, the vice-president of the Short-horn association, Mr. J. P. Prather, acted as chairman. Mr. Abe Renick, of Kentucky, read President Brown's address in which an excellent showing was made for the Short-horns from the breeding and financial standpoint. The surplus of the association amounts to some \$100,000 invested in United States bonds, their present value being \$103,000. During the year there were 47,631 pedigrees received, bringing to the association the sum of \$56,784. The total annual receipts this year were \$80,169.

The directors elected for the three-year term are T. H. Flynn, of Des Moines, Iowa, to succeed his father, the late Martin Flynn; I. M. Forbes, of Illinois, re-elected; Frank Harding, of Wisconsin, re-elected; E. W. Bowen, of Indiana, to succeed C. E. Leonard, of Missouri; S. F. Lockridge, of Indiana, re-elected. The directors were requested to take steps looking to the issuing of an additional 200 shares. At present the 800 shares are all taken up and there are many applications for more. The matter will be settled at the next annual meeting.

ABERDEEN-ANGUS.

It was well known in advance that the meeting of the Aberdeen Angus Association would be an important one, and so it was, as the session lasted all night. George Stephenson, Jr., was elected president; W. J. Miller, vice-president, and Thos. McFarlane, secretary-treasurer. The directors elected were W. J. Miller, O. E. Bradfute and L. H. Kerwick. The treasurer's books show that during 1906 \$12,800 was appropriated for show purposes, Chicago getting \$4,500, Kansas City \$2,500, St. Joseph \$700, and the smaller shows \$200 to \$300, while Canada received \$400. Receipts during the last year amount to \$29,824 and the disbursement \$26,427. The present cash on hand is \$23,041. There were 2,853 certificates written during the year, exclusive of duplicates. Proofs of 598 pages of Volume 15 were read in the office and corrected; records have been made of the death of 558 animals. During the year Iowa furnished fifty-four new members; Illinois, twenty-three; Missouri, seventeen; Indiana, ten; South Dakota, six; Kansas, Minnesota, Nebraska and Wisconsin, four each; Ohio and Canada, six, and North Dakota, two; Kentucky, Michigan, Pennsylvania, Tennessee, Washington, West Virginia, one each, making a total of 141.

GALLOWAYS.

The large attendance at the annual meeting of the Galloway Breeders' Association indicates that this breed is meeting expectations in the rapid stride for recognition. The members report a most excellent demand for young bulls and it is expected that a large number will be imported next year to meet the demand. The report of the secretary indicates that the association is in a most healthy condition, there being a substantial balance on hand. The officers elected are: President, A. M. Thompson, -Nashua, Mo.; vice-president D. M. Croft, Bluff City, Mo.; E. L. Davis, Davisburg, Mich.; C. E. Hechtner, Princeton, Ill.; W. C. Gimmell, Sheldon, Iowa; while the secretary, Chas. Gray, is continued in office. The executive committee consists of A. M. Thompson, R. W. Brown, G. M. Leslie, T. E. Boles, and J. C. Ewing. The new directors elected were David McCray, Guelph, Can.; D. W. Lindsey, Red Cloud, Neb., and J. C. Ewing, Youngstown, Ohio.

FREE TO ALL MEN READERS.

On page 16 of this paper appears the advertisement of Drs. Fellows & Fellows, who are favorably known all over the middle West as specialists on diseases of men. Any of our readers needing their services can readily apply to them and be as-

Jewell Seeds and Trees

Have been planted since 1868. Always reliable. Most complete line of hardy stock in the U. S. Five catalogs. The Jewell Nurseries, Box 14, Lake City, Minn.

CLOVER

Medium, Red Mammoth and Alsike Clover, also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large illustrated catalogs of all kinds of farm and garden seeds. Mention this paper.

IOWA SEED CO., Des Moines, Iowa

WANTED--A BRIGHT MAN with high salesmanship in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Tea Co., Box X, Winona, Minnesota.

SALESMEN WANTED to introduce Burbank's wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

CLOVER Send samples of Clover, Buckwheat and other field seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.

ured of honest and fair treatment. Drs. Fellows & Fellows offer all readers a month's treatment on trial. If it fails to satisfy they stand the entire expense themselves without argument—which in itself is the most convincing proof of their ability and faith in their treatment. Write to them about your case. Their twenty years' experience and the fact that they have perfected a system of home treatment makes it possible for them to treat you at your own home with greater success than the average physician who treats his patients in his office. Write today. Address Drs. Fellows & Fellows, 323 Rollins Block, Des Moines, Iowa.

The San Angelo Sale.

On November 26th, at his ranch near San Angelo, Texas, Mr. W. Davis Jones, of San Angelo, Texas, dispersed his entire herd of registered Herefords. Mr. Jones' herd was a working herd and was sold right off the grass without any special preparation. Fully two-thirds of the cattle had never been halter broken and as is customary at dispersion sales, no guarantee of their future usefulness was given. One hundred and seven lots were listed and sold, at an average of \$187.50 per head. Eighty-four females sold at an average of \$162.50. Twenty-three bulls sold at an average of \$278.91. The buyers all lived within a radius of sixty miles of San Angelo and five were men who are founding new herds. Mr. C. R. Thomas, of Kansas City, Mo., secretary of the American Hereford Association, through whose courtesy we are furnished this report, managed the sale. Mr. Thomas says the entire 107 lots were disposed of in five hours and fifteen minutes, a record that shows the interest that is being taken in the pure-bred Hereford cattle business in the Lone Star state.

We want to particularly call the attention of our readers to the contents of the different articles published by the Litchfield Manufacturing Company, in their continued story series. Please note that every week there is something fresh and new, and worth the reading. See their advertisement this week on page 5.

MY NO-TAR ROOFING

RESISTS FIRE

IF you put it on your buildings, you can get lower Fire Insurance rates. Acid, weather, wear and water-proof.

Send me your name and address on a post card, and I will write you all about my roofing and send you a sample to test.

Then you can see for yourself that it is the only roofing that is weather, water, acid and almost wear proof as well.

I will also send you FREE a copy of my book which tells you how to lay a roof without any outside help.

AND ALL THE TOOLS YOU WILL NEED WILL BE A SHARP KNIFE AND A HAMMER.

You can't afford to spend money for shingles when you can get roofing as durable and lasting as my "No-Tar" Roofing.

You ought to send for my book right away if you are in any way interested in roofing.

My "No-Tar" Roofing is the best made for new buildings, re-roofing old buildings, or doing patching.

Write me a post card at once and I will tell you all about my roofing by return mail.

H. W. Binnie, President

THE HEPPESS CO.

2401 Fillmore Street, Chicago.

VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

SCOURS.

Can you tell me what to do for my calves? They have the scours. One has died and a few more are almost dead. Some are yearlings and some are two-year-olds, and they all have the scours. They have been running in corn stalks and pasture, but now I am keeping them up and feeding them timothy hay and a little oats and straw.

The trouble was caused by pasturing in corn stalks. Continue present feeding. Mix half an ounce of formaldehyde with fifteen and one-half ounces of distilled water and give one to two teaspoonfuls of the mixture with each pound or pint of milk fed the calves three times daily. Increase the dose if necessary, and add dried blood meal to the milk. Better give each affected calf a two or three-ounce dose of castor oil in milk before the other treatment. The formaldehyde treatment is especially good for the white scours of factory milk-fed calves.

RESTLESS MARE.

I have a mare eleven years old, weighing 1,600 pounds. She has a colt two months old. There seems to be something wrong with her. She kicks up against her belly and shakes her skin just like the flies were on her and switches her tail. If you should see her you would think the flies were biting her. I work her on the corn wagon. She does not do this all the time, but I have seen her at it three times, I think, since I have been working her. She is not sick; eats well and looks well, only I cannot understand the stamping and kicking. I should be glad to find out what I can do for her.

If she is a heavy milker and you are keeping her too long away from her foal she may kick, as described, from discomfort of distended udder. Otherwise, we suspect she suffers from indigestion and accumulation of gas, which would be done away with by cutting down grain ration, and if corn is being fed, changing to oats, with a bran mash twice a week. Also see to it that the harness is not chafing or pinching anywhere.

STAGGERS.

Can you tell me what is the matter with my cows? They come in from the field and stumble to their knees and fall. Some of them eat and some of them do not. I have lost one and have two more sick.

You are probably running your cows in corn stalk fields and there they are taking in injurious matters which cause so-called "corn stalk disease" or impaction of the stomach. Keep cows off such pasture and feed on hay and silage with meals and corn. Physic affected cows at outset of attack by administering a pint to a pint and a half of castor oil in milk as one dose. Follow with copious drinks of warm flaxseed tea in each of which, at intervals of three hours, mix two ounces of whisky and half a dram of fluid extract of nuxvomica. Do not give the stimulants if cow is crazy. In rabies, following the bite of a rabid dog, staggering and falling are often seen, so make sure that there is no history of such cause of disease.

GLOSS ANTHRAX.

I have a flock of thrifty calves which I turned on my meadow and slough about the last of August. They have all the good water they can drink. I have lost eight in the last month. Their tongues swell till they project from their mouths and they choke to death in a few hours after. I noticed the swelling and after I had lost two I took them out of the meadow, and in about ten days I lost another the same way. Please tell me what I can do for them, what is the trouble and what the cause.

This would appear to be a form of anthrax affecting the tongue and is attributable to contagion contracted in the slough. There is no cure, but prevention should be sought by keeping calves out of the slough. Actinomycosis, affecting the tongue, or mycotic stomatitis, causing ulcers in the mouth and on the tongue might also be suspected, the latter disease sometimes taking on the form of "diphtheritic sore throat" in calves. It would be well to have an investigation made by a qualified veterinarian. Meanwhile change pasture and food.

INDIGESTION—COLLAR BOILS.

(1) I have a black mare five years old weighing about 1,650 pounds. She had a colt last year, also this year, but do not think she is in foal now. She seems to have a weak stomach, although she is in fair shape and works well. The other day, however, she refused to eat well. She stood with her head hanging down. She would rest one of her hind feet, but would change about often. She had a roaring sound in her bowels. I have noticed this roaring or noise for the last few years off and on, but she has never been sick. I have been feeding her pretty heavy. While she was nursing the colt I fed her about ten ears of corn three times a day, about a gallon and a half of oats with a handful of oil meal and a few handfuls of bran twice a day. I have quit feeding corn now. She worked all summer, as I only have one team, and that is why I fed her heavy. She has run in pasture at night and on idle days. I weaned the colt the last of October. (2) I have a mare twelve years old that has trouble with her neck. It is not sore, but gets wrinkled and when I work her lumps appear on her neck or shoulders. These lumps get as large as pigeon's eggs in a few days, and then break, when she is relieved. She is worse before the lumps come. When she got warm in harness this summer sometimes the only way to work her would be to take a handful of smart weed, dip it into cold water and apply.

(1) You have given her chronic indigestion by overfeeding. The corn fed so heavily was quite unsuitable for a mare nursing a foal. Oats and bran are the best foods at that time, along with grass and hay. It would be well to let her do without grain for a month or so and start treatment by giving her a pint and a half of raw linseed oil. When that has acted, feed her lightly on bran mash, carrots, hay and fodder, and gradually get her back onto a light ration of oats. Have her teeth attended to by a veterinary dentist. Allow free access to rock salt and have her exercised every day in winter. (2) Do not feed corn in summer; substitute whole oats and fine hay. Sponge shoulders and neck three times daily with a solution of half an ounce of tannic acid in half a gallon of water. Keep collar and other parts of harness clean and dry. Paint lumps, as they form, twice daily with a mixture of two ounces of tincture of iodine and four ounces of witchhazel extract.

McGavock's David City Sale.

The McGavock sale of Short-horn cattle held at David City on December 12th was one of the best held in this section of Nebraska this year. A large crowd of buyers from all over the state were present and seemed very eager to pick up the good things in the sale. The cattle were all in nice

Strong Muscles

Clean limbed horses, smooth bones, well developed muscles—that's the rule where horsemen use

Kendall's Spavin Cure

It has been the reliance of horse owners for more than a generation. Cures Spavin, Ringbone, Splint, Curb, Cuts, Sores, Galls, Wounds and Lameness. USED 10 YEARS—WILL DO ALL THAT IS CLAIMED.

147 Ponnroyer St., Portland, Oregon, January 2, 1906.

Dr. B. J. Kendall Co., Enosburg Falls, Vt.

Gentlemen:—Enclosed herewith find a two cent stamp for which please send me a copy of your "Treatise on the Horse and his Diseases." I have used Kendall's Spavin Cure for the past ten years on my horse ranch and have never found anything to equal it. Where a man once uses Kendall's Spavin Cure he will use no other, for it's a liniment that will do all it is claimed to do and the cheapest in the land. Yours truly

W. S. McCurdy

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to sell at home. Write for Price List, Market Report, and about our HUNTERS' & TRAPPERS' GUIDE A \$5000 Best thing on the subject ever written. Illustrating all Fur Animals. 300 Pages, cloth bound. All about trapping, kinds of Traps, Decoys, Trappers' Secrets. Price \$1.50. To Hide and Fur Shippers \$1.00. ANDERSCH BROS., Dept. 19 Minneapolis, Minn.

breeding condition and were a very good lot of individuals, being mostly of choicest Scotch breeding. The great show cow, Mildred 12th, went to the well-known herd of Mr. Chas. Ritchie, of Gresham, Neb., at \$350 and was considered the bargain of the sale. The top bull was purchased by Mr. Herchal Smith, of Tobias, Neb., at \$250, and much is looked for if this fellow matures properly. He is of Scotch breeding and one of the best yearling bulls sold in Nebraska this year. Mr. Henry McCartney, of Gresham, Neb., was a very liberal buyer at this sale and we are informed that he has one of the good herds of the state. Below is a list of buyers: Mildred 12th, Chas. Ritchie, Gresham, Neb. \$350.00 Sibyl of Riverdale, C. M. Ball, David City, Neb. 170.00 Anoka Strathallan, Henry McCartney, Gresham, Neb. 150.00 Victoria Archer, O. E. Wade, Rising City, Neb. 72.50 Kirklevington Duchess 11th, S. C. Beaver, Ulysses, Neb. 100.00 Hillsdale Duchess 3d, Albert Schaaaf, Garrison, Neb. 137.50 Rosabelle, S. C. Beaver 100.00 Sonerilla 16th, Geo. Brewer, Ulysses, Neb. 102.50 Constance of Homestead, Henry McCartney, Prudence, Albert Schaaaf. 132.50 Consuella, Wm. Kunyma, Surprise, Neb. 65.00 Robins Queen, J. H. Dunker, Surprise, Neb. 62.50 Lord Oxford 2d, F. L. Votava, Octavia, Neb. 55.00 Lady Oxford 2d, Henry McCartney. 112.50 Master Oxford, C. D. White, Ulysses, Neb. 60.00 Victoria's Geneva, S. C. Beaver. 70.00 Lady Sharon, R. W. Becker, David City, Neb. 107.50 Dossia, S. C. Beaver. 95.00 Clarissa, J. H. Dunker, Surprise, Neb. 50.00 Victor's Josephine, Henry McCartney. 135.00 Lady Harris, Con McCarthy, Henderson, Neb. 60.00 Beauty 2d, S. C. Beaver. 150.00 Goldust, Herchal Smith, Tobias, Neb. 250.00 Roan Queen, C. A. Ritchey. 125.00 Ogena Girl, A. J. Schaaaf. 80.00 Gentry's Butterfly, Henry McCartney. 205.00 Moss Rose 3d of Wood Dale, S. C. Beaver. 150.00 Belle Howard, A. J. Schaaaf. 115.00 Gloster Maid, J. H. Dunker. 67.50 Gloster's White Orange, J. J. Meysenburg, Bellwood, Neb. 57.50 U. S. A., same. 105.00 Worth While, Henry Bock, David City, Neb. 80.00 Buckshot, Frank Swoboda, David City, Neb. 85.00 Heroine 5th, C. M. Ball, David City, Neb. 75.00 Mable Belle 3d, same. 75.00 Marigold, Henry Bock, David City, Neb. 60.00 SUMMARY. Average on entire consignment. \$118.60

Oil Cure for Cancer.

Dr. D. M. Bye's Combination Oil Cure is a recognized Cure for Cancer and Tumor. Beware of Imitators. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

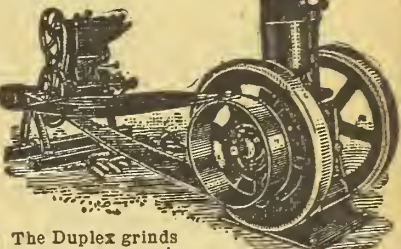
"Getting What You Buy" is the subject of the Litchfield story this week on page 5, and if any land owner who is reading this paper has not been interested in any of the other subjects, this one certainly will be worthy of consideration.

SPECIAL OFFER FOR THE HOLIDAYS.

On December 20, 21, 22, 23, 24, 25, 29, 30, 31, and January 1st The Chicago Great Western Railway will sell special round trip tickets to points in Arkansas, Colorado, Illinois, Indiana, Indian Territory, Iowa, Kansas, Louisiana, Michigan, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Tennessee, Texas, Wisconsin and Wyoming at rate of

THE KELLY LINE

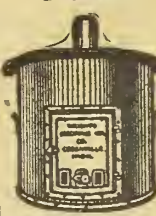
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The Duplex grinds ear corn, corn in the shuck, Kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

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by buying direct from our factory. Every cooker absolutely guaranteed and sent out on 30 days approval test. Special fine device that saves 50 per cent in fuel—jacket bound in steel. Kettle warranted flawless, and whole cooker unequalled in efficiency, durability and low price. Write at once for catalog and special book "What to Cook and How to Cook for Stock."

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One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller. This machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

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one regular fare plus one-third; to points in Illinois, Indiana, Kentucky, Michigan, Ohio, New York, Ontario, Pennsylvania, and West Virginia at rate of one regular fare plus one-half, these being on sale only on December 20, 21, and 22. To points in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia at rate of one regular fare and one third, plus 25 cents, these being on sale on December 20, 21, 22, 23, 24, 25, 29, 30, 31, and January 1st. Tickets to points west of Chicago and St. Louis bear limit of January 7th to return and to points in the east, thirty days. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

ARE YOU GOING ABROAD?

To Europe, Alaska, South America, China, Japan, Australia or around the world. Full information, details, lowest rates can be procured from A. J. Cheeseman, C. P. & F. A., Chicago & Northwestern Railway, 401 Walnut St., Des Moines, Iowa.

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A ROG SPAVIN OR THOROUGHPIN, but ABSORBINE

will clean them off, and you work the horse same time. Does not blister or remove the hair. Will tell you more if you write. \$2.00 per bottle, delivered. Book 4-C free.

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Can drive your most fractious horse (the worst a Beery Bit). Horse is under perfect control at all times. Can be used on gentlest colt or runaway kickers with equal satisfaction. 10 days free trial. Prof. J. A. Beery, Pleasant Hill, O.

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MADISON, WIS., Veterinary Editor The Homestead. CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.



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TO secure the above offer, simply make your remittance on any day during the week of December 21st to 28th inclusive, the anniversary of Iowa's admission to the Union as a State. Money may be sent by check, draft or postal money order. The Capital is Iowa's greatest daily newspaper. Sample copies will be sent upon application. We urge our readers to take advantage of this wonderful newspaper offer. Address,

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OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

Points of Fat Sheep.

The formation of fat, in a sheep destined to be fattened, commences in the inside, the web of fat which envelopes the intestines being first formed and a little deposited around the kidneys. After that, fat is seen on the outside, and first upon the end of the rump at the tail-head, continuing to move on along the back or both sides of the spine or backbone, to the bend of the ribs, to the neck. Then it is deposited between the muscles parallel with the cellular tissue. Meanwhile it is covering the lower round of the ribs, descending to the flanks, until the sides meet under the belly, whence it proceeds to the brisket, or breast, in front, and the sham or cod behind, filling up the insides of the armpits and thighs.

While all these depositions are proceeding on the outside the progress in the inside is not checked, but rather increased by the fattening disposition encouraged by the acquired condition, and, hence, simultaneously, the kidneys become entirely covered, and the space between the intestines and the lumbar region, or loin, gradually filled up by the web and kidney fat. By this time the cellular spaces around each fiber of

muscle are receiving their share; and when fat is deposited there in quantity it gives to the meat the term marbled. These interfibers are the last to receive a deposition of fat, but after this has begun every other part, at the same time, receives its due share, the back and kidneys securing the most, so much so that the former literally becomes nicked, as it is termed—that is, the fat is felt through the skin to be divided into two portions, from the tail-head along the back at the top of the shoulder; and the tail becoming thick and stiff, the top of the neck broad, the lower part of each side of the neck toward the breasts full, and the hollows between the breast-bone and the inside of the fore legs and between the cod and the inside of the hind thighs filled up.

When all this has been accomplished the sheep is said to be fat or ripe. When the body of a fat sheep is entirely overlaid with fat it is in the most valuable state as mutton. Few sheep, however, lay on fat entirely over their body. One will lay the largest proportion on the rump, another on the back; one on the parts adjoining the fore quarter, another on those of the hind quarter; and one more on the inside and another more on the outside. Taking so many parts, and combining any two or more of them together, a considerable variety of condition will be found in any lot of fat sheep, while any one is as ripe in its way as another.

With these data for guides, the state of a sheep, in its progress toward ripeness, may be readily detected by handling. A fat sheep, however, is easily known by the eye, from the fullness exhibited by all the extended parts of the particular animal. It may exhibit want in some parts when compared with others; but those parts, it may easily be seen, would never become as ripe as the others, and this arises from some constitutional defect in the animal itself, since, if this were not so, there is no reason why all the parts should not be alike ripe.

The state of a sheep that is obviously not ripe cannot altogether be ascertained by the eye. It must be handled,

or subjected to the scrutiny of the hand. Even in so palpable an act as handling discretion is requisite. A full-looking sheep needs hardly to be handled on the rump, for he would not seem so full unless fat had first been deposited there. A thin looking sheep, on the other hand, should be handled on the rump, and if there is no fat there it is useless to handle the rest of the body, for certainly there will not be so much as to deserve the name of fat. Between these two extremes of condition every variety exists, and, on that account, examination by the hand is a rule, and by the eye alone an exception. The hand is, however, much assisted by the eye, whose acuteness detects deficiencies and redundancies at once.

In handling sheep, the points of the fingers are chiefly employed, and the accurate knowledge conveyed by them, through practice, of the exact state of the condition is truly surprising, and establishes a conviction in the mind that some intimate relation exists between the external and internal state of an animal. Hence originates this practical maxim in judging stock of all kinds, that no animal will appear ripe to the eye unless as much fat had previously been acquired in the inside as constitutional habit will allow.

The application of this rule is easy. When the rump is found nicked, on handling, fat is to be found on the back; when the back is found nicked, fat is to be expected on the top of the shoulder and over the ribs; and when the top of the shoulder proves to be nicked, fat may be anticipated on the under side of the belly. To ascertain its existence below, the animal must be turned up, as it is termed; that is, the sheep is set upon its rump, with its back down, and the hind feet pointing upward and outward. In this position it can be seen whether the breast and thighs are filled up. Still, all these alone would not disclose the state of the inside of the sheep, which should, moreover, be looked for in the thickness of the flank. In the fullness of the breast—that is, the space in front from shoulder to shoulder toward the neck—in the stiffness and

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I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation.

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EAR TAGS ONE CENT EACH.

Brass or aluminum. Specify which you desire.

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20 REGISTERED SHEEP.

20 REGISTERED Shropshire ewes, \$20 to \$35 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

Registered Shropshire Rams and Ewes

OF the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

thickness of the root of the tail, and in the breadth of the back of the neck.—Kansas Biennial Report.

If in need of barn door hangers insist on having Prouty No. 77, guaranteed for 25 years. The T. C. Prouty Co. Ltd., Albion, Mich.

Record number 77088: Old bone spavin; horse too lame to walk to water; owner tried unsuccessfully to give him away; cured him with Fleming's Spavin and Ringbone Paste, then made even trade for another horse valued at \$140. Fleming's Vest-Pocket Veterinary Adviser free if you write to Fleming Bros., 210 Union Stock Yards, Chicago.

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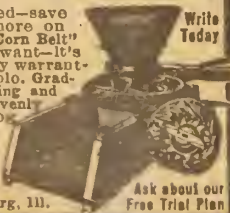
To points in Nebraska, eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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Grind your own feed—save money and make more on your grain. This "Corn Belt" mill is just what you want—it's a rapid grinder—fully warranted—durable and simple. Gradual reduction by cutting and shearing reduces cob evenly with corn. Free catalog tells why—tells about mills 4 to 20 h. p., 4 h. combined for power purposes.

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Ask about our Free Trial Plan

DAY BY DAY

Agricola

The get-rich-quick longing is harmful, whether gratified or not. Agricola has a friend who invented an improved method of evaporating fruit. He did not attempt to defraud anyone with delusive wiles by which to get their hard-earned dollars for a patent right. He built an evaporating house and bought his neighbors' surplus apples and sold the dried apples for good money. This was beneficial to all parties.

Move number two was to go to Missouri where people wish "to be shown." He built a large evaporator in a good fruit country and, as surplus fruit had been considered of practically no account, he bought at his own price. That winter evaporated fruit reached an unusually high price and his net profits from this one job were \$13,000. He would have been delighted with \$3,000, and the extra \$10,000 made life look rosy and delectable.

The next fall he went to the same place to repeat the same tactics, but he didn't do any repeating. Not a bushel of apples would the natives sell him at a price which he could afford to pay. They all wanted to get rich themselves this time. Result—their fruit rotted on the ground and was a total loss, the evaporating plant stood idle and was left to rot also.

In one Iowa locality a farmer planted ten acres to cabbage. He sold at \$9, \$10 and \$11 per ton and received \$1,400 for the ten-acre cabbage crop. This was last year. This year he and his neighbors prepared to get rich quick by the same way. They raised cabbages by wholesale—large fields of them—the landscape from a moving train looked like a sea of green waters. The price this fall ranged from \$3 to \$5 and of course not enough cars to take them all at any price, no matter how low, and an unharvested cabbage field has about as dreary a look in December as beautiful Iowa can offer to the tourist.

When Agricola was a boy, horses rested in summer and the farmers moved lay and cradled wheat and cut corn by hand. The run in the pasture was good for the horses. Now the horses mow and reap and load the hay and hoe the corn and dig potatoes and spread the manure, and their idle spell is in the winter. To keep them in the barn in winter robs them of their vacation. Idleness is not vacation. They should have the run of yards and stalk fields and pastures. It is better for them. It is all right to let them into the barn nights, but not all right to keep them imprisoned there all the time.

And still sales come thick and fast. Never before was there the like of it in this part of Eden. It is not because farmers have failed, but because they have succeeded. They have worked strenuously and have saved some money, and they think they have earned a rest. It is all right when it gives a son a chance to manage the farm, and if the farm will support one family in town and another on the farm, then one farm seems to do double duty and the tired farm wife gets a rest.

But the retired farmer in town! Of what good is he to the town or himself? He is not happy. He is not congenial company for the town residents, nor they for him. He is a back number. He leaves the farm because tired of usefulness and finds town life a poor balm for his tired feeling. But that is his own affair and he believes it the best thing to do, and so sales increase in number and the town increase in retired farmers.

Horses are still high, whether at public or private sale. The reason is that the demand is greater than the supply, and the reason why it exceeds the supply is that not enough good horses are raised. The scrub horse, like any other scrub, is poor property, and the good horse takes some time and considerable care to grow. And the shippers pick up all the good heavy mares they can get, and this tends to limit the production. A span of good draft mares is decidedly good property, but none too good to hold fast too and keep for breeders.

Now is a good time to get next sum-

mer's firewood. Every farm has, or should have, enough trees for summer fuel, even if it is all prairie. Artificial groves are easy to start, and fast to grow, and even the soft woods, like willow and cottonwood, make fine summer firewood. The best way I know is to cut pole timber and saw it with a gasoline outfit.

One evening the watch dog reported an intruder in the front yard. Nothing was visible until someone noticed that the dog's nose pointed skyward. There, silhouetted against the starry sky, was visible a protuberance on a tree limb. The young boy aimed partly by faith and partly by sight, fired, and down came a skunk. Thereupon he, the boy, received thanks and congratulations from the manager of the poultry department, for that skunks like fresh poultry is unquestioned in the Agricola household.

But there are those who put in a plea for the animal of ill-repute and unpleasant perfume. They insist that his chief delight is to hunt and destroy rats, fairly out-Chinaing the Chinese. This is reasonable, too; still, much as we despise rats we have plenty of unspent aversion which unbottles spontaneously at sight or smell of Mephitis mephitis. No scientific name for even a skunk is generally less than one and three-eighths inches long.

But rats like chickens, too; and they

are more persistent in their inroads than the skunk, and if skunks kill rats, give them due credit for it, and still, they are in and of themselves, animals of ill-repute.

Strawberry beds, or strawberry rows, need to be covered with a good, yet open mulch. Clean straw is good. Leaves are better, and probably best of all is manure from the horse stable. It is a porous mulch, if the lumps are disintegrated, it stays where put, protects from the repeated freezing and thawing of the grounds, which weakens the strawberry plant, and in the spring it goes on doing good service as a fertilizer. Rich ground is what the strawberry needs, and horse manure furnishes renewed richness.

Program Kansas Good Roads Association.

To be held at the state agricultural college, Manhattan, Kan., January 2d and 3d:

WEDNESDAY AFTERNOON, JANUARY 2D.

2:00 p. m.—President's address, C. F. Miller, Fort Scott, Kan.

2:30 p. m.—"The Gospel of Good Roads," Barney Sheridan, Paola, Kan.

3:00 p. m.—"Good Dirt Roads Right Now," C. D. Skinner, Topeka, Kan.

3:30 p. m.—"Some Engineering Problems in Road Building," Prof. W. C. Hoad, State University, Lawrence, Kan.

WEDNESDAY EVENING, JANUARY 2D.

7:30 p. m.—"Report of Work in Atchison County," L. S. Hereford, Atchison, Kan.

8:00 p. m.—"Bridges and Culverts," Prof.

E. B. McCormick, Engineering Department Agricultural College, Manhattan, Kan.

8:30 p. m.—Stereopticon Lecture, M. O. Eldridge, Chief of Records, Office of Road Inquiry, U. S. Department of Agriculture, Washington, D. C.

THURSDAY MORNING, JANUARY 3D.

8:00 a. m.—"The Relation of Drainage to Good Roads Construction," W. R. Goit, Oklahoma City, Okla.

8:30 a. m.—"My Experience With the King Road Drag," Hon. Bradford Miller, Topeka, Kan.

9:00 a. m.—"Report on State Experiments on Oiling Roads," Prof. Albert Dickens, State Agricultural College, Manhattan, Kan.

9:30 a. m.—"Importance of Engineering Control in Road Construction," Lute P. Stover, Engineer Wichita Natural Gas Company, Wichita, Kan.

10:00 a. m.—"Good Roads Commission and the Fort Scott Idea," Hon. Robt. Stone, Topeka, Kan.

10:30 a. m.—"Report of Work in Bourbon County," A. J. Sherman, Fort Scott, Kan.

11:00 a. m.—Business session.

I. D. Graham, Secretary, Topeka, Kan.

C. F. Miller, President, Fort Scott, Kan.

Cancerol, a Mild Treatment for Cancer.

The originator of Cancerol claims more cures from its use than from all other treatments combined. Costs but a trifle to satisfy yourself. Write for handsome free book. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

HAVANA, CUBA.

On December 18th to 20th the Chicago Great Western Railway will sell round-trip tickets to Havana at one fare for the round trip, with limit to return of January 9th. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



LOOKING for the Red Letter Date in a Homemaker Red Letter Calendar

The Homemaker has something entirely new in calendars to offer to its readers—a calendar that accurately foretells the future. Who would not read the future if he could? Who would not lift a corner of that impenetrable veil that shrouds the on-coming year in mystery? The Homemaker professes no unholy gifts of divination, yet it holds in its keeping the secret of an event that will befall each of its subscribers on a particular date of this new year.

That secret it will disclose to every reader who performs the trifling service to be explained. The disclosure will come in the form of a beautiful Red Letter Calendar, artistically illuminated and tastefully printed, and bearing on one of its folds a Red Letter Date of especial personal interest to the receiver.

So beautiful is the calendar that it will be treasured by its possessor throughout the year. So significant the date that our prophecy of it will come to him as a grateful surprise. So important the event the calendar foretells that it will bring weeks and months of joy to his household.

If you have the courage and desire to know the future, and time and energy to do FIVE MINUTES WORK FOR US IN YOUR OWN HOME ask The Homemaker how to earn a Red Letter Calendar. Send no money but write today.

Address,

The Homemaker

Des Moines, Iowa
December, 1906

ADVERTISING NOTES.

Mr. J. Mulhall, of Sioux City, Iowa, has farms for rent and sale on crop payments. His advertisement appears on page 18.

The Sunny South Land Co., of Clarence, Okla., are advertising Texas and Oklahoma lands. Write them for particulars. Mention this paper when writing.

Messrs. Nicholls & Moyer, of Coffeyville, Kan., have the best list of unimproved and improved lands in Kansas at from \$5 to \$12.50 per acre. These lands are located in western Kansas. When writing please mention this paper.

On page 18 of this issue of The Homestead the California Farm-land Company, of Los Angeles, Calif., are offering free booklets on farming in California. These booklets are very interesting, telling all about the enormous profits in sugar beets, grapes and alfalfa, dairying, stock raising and other industries. Write the company at once, as per their address in the advertisement.

There is no part of the country that is attracting the attention of more people than Saskatchewan. It is a fast coming country, because of the great opportunities it offers to investors. A company has been organized in Des Moines that is forming extensive plans and will make the people of Iowa some excellent offers in the spring. Send your name to Mr. C. C. Pugh, 310 Crocker Building, Des Moines, Iowa, and you will be sent all the details of the plan as soon as they are developed. It will be time well spent.

We desire to call the attention of our readers to the advertisement of the Bayer Tanning Company, which appears on page 21. We have known this company for several years and also know of the high standard and fine quality of their work, and any one of our readers who contemplate having any hides tanned this season will do well to have their new booklet on tanning, which will be sent free upon application. It tells you all about tanning, the various treatments and processes your hides go through, and will certainly interest you. Write them today and mention this paper when writing.

Undoubtedly there are thousands of readers of The Homestead who are now considering the question of what they shall purchase next spring to beautify their home surroundings. There is nothing that adds more to the beauty of a home than trees, shrubs, vines, roses, etc., and that those who are interested may act intelligently, we want to call their attention to the announcement made by the Sioux City Seed and Nursery Company, of Sioux City, Iowa. They are offering to send a nursery book, which they consider fully worth \$1, to any tree planter free. This book gives the real facts about the care of trees and has over 100 illustrations, mostly taken from photographs. It is sent absolutely free. When writing, please mention The Homestead.

Men of limited means and renters or home-seekers will be interested in an advertisement on page 18 of this issue of The Homestead where some bargains are offered in land. Mr. F. S. Bennett, of Emporia, Kan., is offering some choice bargains and it will be to the advantage of those who are renting or home-seekers to look this up. His land is all well located, fairly improved and the prices he is making he considers right. He has a list that he will be glad to send to any reader of The Homestead who is interested. He prefers that those who want to buy should come on the first train, as the bargains he has on hand will not last long. As the price of land is advancing everywhere, we would suggest, if looking for a farm, that the reader communicate with Mr. Bennett at once. To the renter who is paying out more money for rent every year than the payment on a piece of land amounts to, the proposition by Mr. Bennett will be particularly attractive. However, a careful reading of



What are you going to do with the boys?

Keep them on your farm to share an income that is already too small, or are they going to hire out to a neighbor to work all their lives for some one else? Perhaps they are thinking of going to the city to join in the mad rush for existence. Why don't you

Send them to the Southwest

where in a few years each of them can become independently rich?

It will take only a few dollars to start them—good land is so cheap in the Southwest. If they are hustling fellows, they will soon be doing so well you'll want to sell out and join them.

It's much easier to make a good living in the Southwest than in the older states. You can get from 10 to 20 acres in the Southwest for the price of one where you live and the land is just as good. You can raise as big or bigger crops there and can get better prices for all you raise. Markets are good and schools and churches are abundant. The climate is healthful—the summers no warmer than elsewhere and the winters are so mild no heavy shelter is needed for stock—they have good range the entire year. Contrast this with your climate and see who has the best of it.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines
1413 La Salle Street Station, Chicago or 1413 Frisco Building, St. Louis.



the advertisement, to which we have referred, will convince the reader of the necessity of acting quickly.

One of the nicest-arranged and best-conducted factories in any line in this country is the Queen Incubator Factory, at Lincoln, Neb. These features enable them to make excellent chick machinery at the least cost. Every employee takes a personal interest in the business; they turn out the highest grade of work. Queen incubators and brooders have been on the market long enough (five years) to have every up-to-date improvement. They issue a large, beautifully-illustrated catalog that will interest any poultry raiser. It will be mailed free of charge. Write today to the Pinkerton Manufacturing Company, 1027 N. 14th St., Lincoln, Neb.

If you are going to buy fence and are in doubt about the kind, look into the Anchor fence, made at Cleveland, Ohio. It has an excellent name among people where it has been tried. It is made of good, substantial hard steel coiled wires. The manufacturers claim that the wires they use give Anchor fence double the strength of fences made of ordinary soft wires. An important feature of Anchor farm fence is the patent lock of the horizontal to the upright stay wires at every crossing. This prevents all slipping and insures the fence keeping its upright character permanently. For particulars write to the Anchor Fence & Mfg. Co., Cleveland Ohio, for their free fence book No. 12, which gives all details. Their advertisement appears on page 23.

THE TELEPHONE SAVED HIM \$300.

A writer in the Chicago Tribune tells of a cattle buyer who drove into the yard of a farmer about fifty miles from Chicago the other day and made an offer for all the cattle and pigs on hand, delivery to be made at once. The offer seemed a good one, but before closing the farmer said he would speak to his wife. Going to the house he asked his wife to call up a Chicago commission house by telephone. In less than two minutes he was in communication with Chicago and was informed of a rise in prices and advised what a good offer would be at that moment. Within five minutes he closed a deal with the buyer at prices which paid him \$300 more than the first offer.

FROM A WELL-KNOWN TRAINER.

Mr. Frank Fritz, of Carthage, N. Y., writes: "W. F. Young, P. D. F. Dear Sir:—I think Absorbine is the quickest and surest remedy for soreness. I have found almost invariably that it takes the soreness out in almost any kind of form." Absorbine is now put up in tin containers, making a handy and safe package for use around the stable, as well as a convenient package to carry in the trunk with hoots, blankets, etc. Absorb-

ine will remove blemishes, take out soreness, strengthen the tendons and ligaments, without blistering or removing the hair. In no way interferes with regular use. At dealers or sent express prepaid upon receipt of \$2. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

HUNTERS AND TRAPPERS' GUIDE.

Perhaps the best book ever written on the subject appears under the above title. The work is now being offered to those interested in the fur trade and further particulars will be found regarding its cost on page 13 of this issue. Whether you desire a copy of the book or not it will be worth your while, if you have hides or skins of any animals, to write Messrs. Andersch Bros., of Minneapolis, Minn., for prices on raw furs, etc. Buying as they do direct from the trapper they eliminate extra profits which they allow you. This is why they can pay from 10 to 50 per cent more for this kind of goods than you can get at home. When writing them just ask for price list and market reports. Look again at their advertisement and kindly mention The Homestead when writing them.

TENTS! TENTS!

If it is a tent that you are looking for, then you are on the right trail when you write to the Peoria Tent & Awning Co., of Peoria, Ill. Their situation makes it possible for them to make quick shipments to all parts of the corn belt. A large tent is one of the finest kinds of covers for sales of all kinds, whether stock or ordinary farm sales. This kind of a cover is often better than sheds or barns, as better light is afforded. Whether you wish to rent or buy and whether your pocketbook is large or small, this firm are always ready to make you a proposition. They also sell a patent preparation for dressing all canvas goods to make them waterproof. Any questions regarding their line of goods will be gladly answered by writing them at the above address. Please mention The Homestead when so doing.

POORER BUTTER EVERY YEAR.

Listen, brother dairyman! Are you aware of the fact that the quality of butter made in this country has been on a rapid decline for the last five years? Think of it, and in the face of all the improvement that dairy machinery has undergone in that time. It seems impossible, yet it must be true, for good authorities are making the statement. Still the worst is to come. The fault is placed at the feet of the hand separator, the machine that is one of the greatest inventions of the age. Yet a little calm reasoning will make the assertion seem possible—quite possible, indeed. Complicated machines discourage regular and frequent washing. Foul separator bowls make bad cream

and consequently poor butter. The remedy for this very reproachful condition is to buy only the best, the most efficient and the most simple separator on the market. For this purpose the tubular is hard to beat. There is only one tubular—the Sharples. We cannot tell you anywhere near all the merits of this perfected machine. However, if you desire to get next to the facts in the case and improve the reputation of our butter, send to the Sharples Separator Company, of Chicago, for catalog J. 121. Also please note their advertisement on page 8 of this issue and kindly mention The Homestead when writing them.

GRIND AND SAVE MONEY.

If you have to haul your grain to town to have it ground it takes about a day every week. That is nearly one-seventh of your working hours. Time is money on a farm, as well as in a factory. Besides, you pay the miller enough in a year to buy several good grinders. There is time and money both that could be partly saved. Suppose you had a strong and rapid grinder in the barn yard near the grain bins. A grinder, say, like the "Corn Belt" mill, so named because it is made for the corn-belt farmer and has found much favor with him. How easy a matter it would be to hitch the team to the sweep. Several hours a week would do the work of grinding and do it when the time would never be missed. Think it over. A better grinder, a more rapid one than you now have may save a good many hours' work in a week. It might save the need of a hired man. Think it over some more. Then send for a good grinder catalog to the Spartan Manufacturing Company, of Galesburg, Ill. On page 14 will be found their advertisement. When answering please mention The Homestead.

AN AUTO MADE FOR COUNTRY ROADS.

The motor car has a place on the farm, as well as in the city. The farmer often finds himself handicapped in his business for lack of facilities for rapid travel. Short trips or visits to nearby towns, to breeders or relatives can be made in much better time than by rail or behind the best driving team. The first requirement in a car for successful country service is positive reliability. This quality and others is gained in the Rambler through stanch construction. This car is manufactured by Messrs. Thomas B. Jeffery & Co., of Kenosha, Wis. In construction only the best possible grades of material are used. It requires an expert in every department of supplies. Further, this material is worked into the various parts of the car by only the most expert workmen. Every part must be tested and found perfect before it goes to form a part of one of the Rambler motor cars. There can be no guess work allowed. The power plant is one of the vital parts

FREE! TREATMENT FOR MEN

Cure Yourself At Home!

When afflicted with Nervous Debility, Weakened Vitality, Blood Poison, Skin Diseases, Prostate, Urethral, Kidney or Bladder Disorders, the uppermost thought is "where can I obtain a positive cure with the least inconvenience and at the least expense." Doctors charges for treatment of these troubles at their offices are very high. The cure usually uncertain.

OUR HOME TREATMENT

places within your reach the best possible treatment at a moderate expense. Our 20 years practice and thorough knowledge of these diseases has enabled us to prepare and perfect a new method which can be successfully used at home.

To prove the merit of our new method we will send you a month's treatment especially prepared for your case and allow you to use it for fifteen days. If you are not better or the treatment unsatisfactory return it to us and it will cost you nothing.

Write us today about your case even though you are discouraged with other treatments; let us



DR. F. W. YOUNG
and
FELLOWS



523 Rollins Block, Des Moines, Iowa

of a car. It must be simple and in this respect the Rambler excels. No complicated machinery is found in this part whatever. The car is for service and for the highest degree of service. It is made accordingly. Turn to page 25 for the full announcement of this firm. If interested, write them. Their machines are recognized throughout the country for their good qualities. Kindly state that you saw the advertisement of the Rambler in The Homestead.

IMPLEMENTS AT FACTORY PRICES.

On page 20 of this issue will be found the advertisement of the Hapgood Plow Company, of Alton, Ill., the only plow factory in the United States selling directly to farmers at wholesale prices. There is not a farmer in the corn belt who does not know that Hapgood plows are standard. They are not made simply to sell at low prices, but are manufactured from the very best material. The prices at which this company's machinery is quoted are low as compared with the high prices of the dealers on similar machinery. Of course every dealer must make off a fairly good sized profit in order to make his own business profitable, and the farmer must pay this profit. If you can buy directly from the factory and save all this, why not do it? Anything in the way of plows, harrows, disks, buggies, cultivators, harness, ranges, etc., may be bought directly from this company. Their corn planter, for example, complete with eighty rods of check wire, sells for \$27.25. Write for catalog at once and state what line of goods you are particularly interested in. Mention this paper when you write and address Hapgood Plow Company, 117 Front street, Alton, Ill.

THE PURINTON STEAM FEED COOKER.

Stock feeders who have been cooking feed will be interested, and those who have not been cooking ought to be interested, in the Purinton Steam Feed Cooker advertised on page 20 of this issue. It is unquestionably one of the best things in this line and it makes the cooking of feed very economical. By reference to the picture in the advertisement, it will be seen that it is a simple contrivance. There is nothing to get out of order. From the chamber in upper half of cooker where the steam is generated, pipes are run out and may be placed in a number of barrels around it filled with grain, vegetables, etc., where the cooking is done. The fire pot occupies the lower half of the cooker and you can use whatever kind of fuel you have at hand. The Purinton Cooker is made by the Crescent Furnace and Foundry Company, Des Moines, Iowa, who offer to sell it to farmers and feeders on a very generous free trial plan. It can be had in different capacities to suit the wants of the large or small feeders. To get prices and other particulars look up the advertisement and write direct to the advertiser at 604 Madison St., Des Moines, Iowa.

LEARN TO COOK.

The cooking of certain feeds for hogs and other stock is a live question. No farmer can make any mistake by thoroughly informing himself on all the merits of this manner of preparing food. In this connection, the Greenville Implement Company, of Greenville, Mich., are ready to supply you with any information you desire. "What to Cook and How to Cook for Stock" is the title of a valuable booklet which they will be pleased to send any farmer or stockman on request. It explains the merits of cooking very plainly and tells what a saving of money may be made by the use of their Peerless Cookers. These cookers are constructed of the best and most lasting materials obtainable. They have the advantage of being jacketed or enclosed with a steel casing. This feature saves nearly half of the fuel. Every kettle is warranted to be flawless and everything considered you will find as good a proposition offered by this firm on page 13 of this issue as is on the market. Perhaps you have often wanted a cooker, but could not afford to pay what is generally asked. If so, this is your chance. For a very small sum one of these cookers is yours, kettle, jacket and fire-place. Send for the booklet while you think of it, kindly mentioning The Homestead.

THE FAMOUS GALLOWAY COATS AND ROBES.

One of the most popular kinds of fur garments nowadays is the Galloway coats and robes. They are made from the hides of the Galloway cattle. The hair on these cattle is long and curly and of a jet black color. Many people call this breed the "shaggy coats" because their coats look so fluffy and thick. Without doubt they furnish the best material for fur garments of any of the domestic animals. They make a very favorable impression when shown and always attract attention for their rich black color and furry makeup. Those interested should write to Mr. W. W. Weaver, of Reading, Mich., for further particulars. A fur coat of Galloway that makes a very dressy garment is made up from a hide for \$10. In such a coat there is little piecing of material. In other fur coats this is necessary, and consequently shortens the life of the coat, as rips occur more easily and frequently. This firm are recognized as one of the best among tanners and they handle a great number of small skins such as fox, coon, mink, etc., which they make into all kinds of ladies' furs. On page 4 will be found a further announcement. When writing these parties kindly mention this paper.

CROPS WITHOUT WEEDS.

Did it ever occur to you what an immense amount of loss of labor and crop was caused by weeds? At first thought it seems trivial, but when carefully figured out the sources of loss are so many that the whole totals a great deal. Without mentioning the various sources of these leaks and losses we will refer our readers at once to a very good proposition offered on page 20 by the Hall Grain Grader Company, of Winfield, Iowa. The location of this firm is very favorable. Situated in the midst of a good grain country they have been able to deal with their problems at close range. The result is that in their combined corn sorter, grain grader and grass seed cleaner they have evolved a first-class machine. It cleans, grades and separates any seed or mixture of any four similar seeds at the same time. Practically does the work of three machines, but costs no more than one. It is well equipped for its work, which it does rapidly and thoroughly. Every machine is guaranteed. Do not delay the duty of securing one of these

machines for cleaning the spring seed. If you own one you will be able to use it when ready. Not so if you depend on your neighbors. Write at once to this firm if interested, mentioning The Homestead.

RESPONSIBILITY DEVELOPS CHARACTER.

How different parents view the question of entrusting children with certain responsibilities is well illustrated by the following: One man had been telling another of his shooting trip which he had found doubly delightful, because for the first time he had taken his small boy along. "A boy of twelve? I should be afraid," said the other, "to give my boy the responsibility of a gun." "Well," said the first, "I should be afraid to deprive my boy of his share of responsibility." This man's view is exactly in line with the propaganda being carried forward by the J. Stevens Arms & Tool Company, Chicopee Falls, Mass. They argue very reasonably that by putting a rifle or gun in the hands of a boy, you teach him to be careful, you increase his self-respect, and make him self-reliant and manly. The Stevens Company have issued a catalog on rifles, shot guns and pistols, which every father should see. It not only describes the many different styles there are today, but it is a perfect mine of information on all points connected with shooting, whether for sport or field, or target practice. We have read the copy sent us with the greatest interest, and strongly advise our readers to write for it. The company's only request is that four cents in stamps be sent to cover postage; the book itself is free.

Marston Bros.' Dispersion Sale of Short-horns.

As per announcements in The Homestead during the past three weeks, Messrs. Marston Bros., of Mason City, Iowa, on December 14th, dispersed their entire herd of Short-horn cattle at the feed yards in Mason City, Iowa. This dispersion sale brought forth a goodly number of breeders from Minnesota and Iowa and these, with the fine local attendance, made up a very interesting audience for Colonel Woods when he mounted the rostrum to commence one of his splendid speeches on behalf of the Short-horns. Cols. R. W. Barclay and H. P. Turnure assisted

Colonel Woods in the ring. An unfortunate condition arose before Colonel Woods was through his opening speech. About one-half of the seats, which were very poorly constructed, collapsed with the crowd, but fortunately no one was seriously hurt. A little later on after quiet reigned again, a cow became somewhat unruly, at which juncture the remainder of the seats collapsed, and in the melee a coal oil stove was upset and set fire to the straw in the tent, but was promptly put out and the sale continued. When things were again going in good shape the temporary rostrum on which Col. Woods was situated, followed in the wake of the seats, and the colonel was compelled to stand on a small box to complete the sale, with the entire crowd standing on the wreckage of broken planks. How much this disaster detracted from the sale is a matter of speculation. Nevertheless it was remarked on every side that the sale was damaged from \$500 to \$1,000 by virtue of this commotion and the uncomfortable condition that the buyers were placed in. The buyers in the background could not see the cattle when they were led into the ring. As one breeder explained, it was like buying a pig in a poke. The best cattle did not bring their full worth, and as had been predicted in our write ups of this sale, owing to the sale of Messrs. Marston Bros.' farm, and this sale being determined all of a sudden, there was no time to prepare the thin cattle for the sale ring. Hence much of the better stock entered the ring too thin to bring its worth. The sale was conducted, however, without a murmur or complaint on the part of Dr. Charles L. Marston, who had the sale in charge. Many of the cattle sold below the \$100 mark. Messrs. Avery & Sons contributed a few Short-horns to this sale, which are figured in and calculated in the averages. Messrs. Avery also contributed their Shire stallion, the Lincoln. He was sold at \$475 to Mr. C. Bryant, of Mason City. Messrs. Marston Bros.' Percheron stallion, Happy Hooligan, a four-year-old, brought \$305 and was sold to Mr. A. H. Brett. The nine-year-old black Percheron mare was also sold to Mr. Brett at \$240, while the three-year-old Percheron mare, Vie 2d, was not offered for sale. It was only another illustration that horse sales and cattle sales should not be held together, for the reason that the cattle buyers, as a rule, are not buyers of registered stallions and mares. This sale, in its entirety, was perhaps scarcely up to expectations, nevertheless, all things considered, it was not a

disappointment. Below is a list of the cattle selling for \$100 or over:

FEMALES.

Imp. Zoe 5th, seven years, sire Scotch Thistle, A. H. Brett, Mason City, Iowa, \$200
Zoe 6th, two years, sire Scotland's Crown, same 175
Flora Princess, six years, sire Prince Orange 2d, same 200
Flora Princess 2d, three years, sire Conqueror's Best, J. M. Stevenson, Mason City, Iowa 175
Andromeda 2d, five years, sire Grand Barrington, and c. c., J. H. Mazel, Mason City, Iowa 125
Daisy Aberdeen, nine years, sire Aberdeen King, A. H. Brett 110
Lizzie Forrest, four years, sire Kirkley Duke of Hazelhurst, and b. c., A. E. R. Lloyd, Mason City, Iowa 115
Ella McLaren, ten years, sire McLaren, and b. c., A. H. Brett 110
Hampton's Lady Crest, three years, sire Imp. Golden Crest, S. J. Sleeper, Clear Lake, Iowa 110
Aberdeen Princess, two years, sire Conqueror's Best, Robt. Ryan, Sioux City, Iowa 100

BULLS.

Conqueror's Best, four years, sire Conqueror, Wm. Leighton, Sioux Rapids, Iowa 205
Lovely's Comet, one year, sire Comet, Avery & Son, Mason City, Iowa 235
Earl of Prairie View, four years, sire Earl of Fairview, Geo. Wilfong, Mason City, Iowa 100
Donavan, seven months, sire Conqueror's Best, G. E. Marston, Mason City, Iowa 120
Royal Banner, one year, sire Meteor, J. Fawver, Mason City, Iowa 110
Spot, one year, sire Conqueror's Best, John Esser, Cotterville, Iowa 100

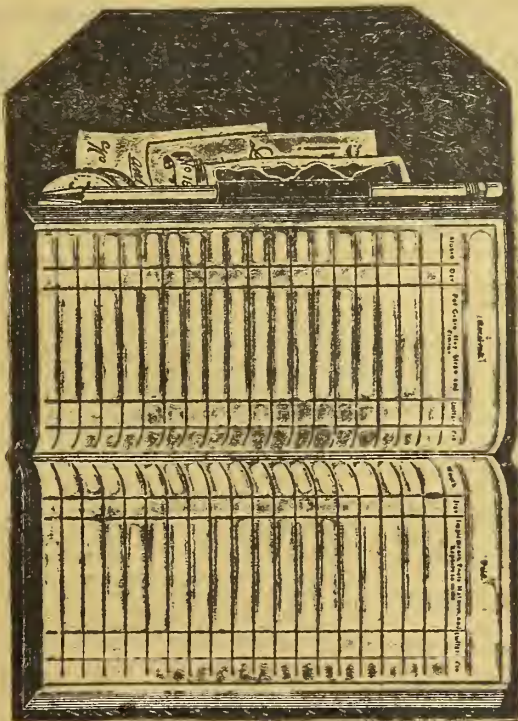
SUMMARY.

10 bulls \$1,190; average.... \$119.00
47 females 4,195; average.... 89.25
67 head 5,385; average.... 94.00

VERY LOW RATES TO NATIONAL WOOL GROWERS' ASSOCIATION, SALT LAKE CITY, UTAH.

Via the North-Western Line. Excursion tickets will be sold January 14th, 15th and 16th, with favorable return limits. Apply to agents Chicago & North-Western R'y.

3000 Farmer's Account and Pocket-Book Combined To Give Away.



We believe that we have the handsomest agricultural paper published—SUCCESSFUL FARMING, Des Moines, Iowa.

IN ORDER to secure more readers we intend to give farmers 3000 Combined Account and Pocket Books. If you are a farmer we want to give you one. We want to give you one of these pocket-books so you can show it to your friends and say, Mr. Meredith, publisher of SUCCESSFUL FARMING gave me this. Then you and your friends will think of SUCCESSFUL FARMING that goes to 250,000 readers every month, and you will say among yourselves I want to read this paper and get the benefit of the dollar making information that it contains.

These pocket-books that we are giving away are compiled in our own office and from years of actual experience by practical farmers, enables a farmer to tell at the end of the year just what he has made off his cattle, horses, hogs, poultry, dairy, hay, corn, or other grain. It is not a long-winded set of accounts, but just what every practical farmer needs. Besides being a farmer's account book and pocket-book combined, it contains interest tables, number of pounds per bushel of all different grains, all different tables of weights and measures, many handy rules, ways to tell the height of a barn, a tree, a wind mill, etc. Ways to measure the cistern, a wagon box, corn in crib, hay in stack, number of plants and trees to the acre, how to find the number of shingles needed for a roof, lath for a room, etc. This is not nearly all the valuable features of this book. It is also a wallet for valuable papers and a bill file. It has a place to keep account with your hired man, your grocer and everybody with whom you have dealings; besides telling you at all times just how much money you are making, and an inventory of all your stock. It is just the thing for every farmer. They fold up flat and fit in your inside pocket, just the kind of a pocket book every man likes to own.

Now you don't pay anything for the pocket-book. It is FREE. We send it to you postpaid and don't ask you for a cent. But just to show you are as willing to be as liberal with us as we are with you, we want you to send us fifty cents for a three years subscription to SUCCESSFUL FARMING. Now don't say that is what I expected. Wait a minute and read the rest. You haven't got to the most liberal part of our offer yet. Read this announcement all through. When we send this pocket book to you, we will also send you some sample copies of SUCCESSFUL FARMING, and will send the paper to you three full years, and the pocket-book for only fifty cents. Now, after three months, if you don't like the paper, or if you do not like the pocket-book after you have received it, then you just say so and we will send back your fifty cents and stop your subscription, and you may keep the pocket-book for your trouble. Now that is certainly liberal. That gives you the paper full three months free, and some sample copies for your friends, to say nothing of the fine pocket-book and account book that you get FREE.

Now what do you think of that for an offer? A handsome agricultural paper full three months free, printed in clean, plain type on nice paper, full of dollar making information that every farmer needs, nicely illustrated, containing many articles every month worth more than the price of a years subscription. We mention these things because they are extras. There are so many valuable departments in the paper that make it the best farm paper published.

Now if you don't tell us at the end of three months to stop the paper and that you do not want your money back, of course, we will enter your subscription as a regular subscriber for fifty cents for full three years. Now we only have three thousand of these combined farmer's account and pocket-books, and there are only that many to give away, so you will have to hurry a little if you want one. They are nicely bound pocket-books 7 1/2 inches long 3 1/2 inches wide. Just the right size to go in your pocket, but large enough to carry bills or weigh tickets, or money, or valuable papers, and they will go like wild fire, and you ought to stop right here and fill in the order below and mail it to us at once so as to be sure to get one of these pocket-books. We attach the blank so you do not need to hunt for paper unless you want to. Use a lead pencil, fill out the blank, enclose fifty cents, (stamps, silver, money order or personal check) and mail it to us just as quickly as you can. Do it right away so the pocket-book won't be gone when we get your subscription.

FREE POCKET-BOOK BLANK—Sign this and send to us at once.

SUCCESSFUL FARMING, Des Moines, Iowa.

Gentlemen—Send me SUCCESSFUL FARMING full three years unless I tell you to stop it at the end of three months. Also send me one of those Farmer's Account and Pocket-Books Combined FREE. I enclose fifty cents (personal check, silver or stamps) which you are to return to me if I tell you at the end of three months to stop my subscription to your paper

Yours very truly,

Sign.....

Town..... State.....

LANDS AND HOMES FOR SALE

Farms That Grow "No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)

160 ACRES
FARMS IN
WESTERN
CANADA
FREE

are situated in the Canadian West, where Homesteads of 160 acres can be obtained FREE by every settler willing and able to comply with the Homestead Regulations. During the present year a large portion of

New Wheat-Growing Territory

has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.
E. T. Holmes, 216 Jackson St., St. Paul, Minn.

Mention this Paper.

CHOICE VIRGINIA FARMS

From 25 to 2,000 acres with buildings, timber fruit, good water etc. \$8 per acre and up. Lands level, with enough slope for natural drainage. Annual yield per acre—more than the cost of the land. Many men from the level western country settling here. Prices advancing steadily. Good opportunities for general farming, stock raising, dairy, poultry etc. Unsurpassed climate, fertile soil, fine markets and near to churches and schools. Excellent rail and water transportation. Sell your high priced land and buy cheap but equally productive land in a climate where you can enjoy life. Landed investments are sure to prove profitable here.

Write today for our Real Estate Herald containing full account of the advantages of Southern Virginia and descriptions of desirable farms.

PLYLE & CO., Inc., Petersburg, Va.

Texas Panhandle Lands

FOR SALE, 624 acres 4 miles N. E. of Stratford, Sherman Co., Texas; on Rock Island, at \$11.50 per acre. Also 1150 acres 12 miles S. W. of Stratford and 2 miles north of Conlon, at \$8.50 per acre. This is all black land and no waste land on either tract. Adjoining land is held at \$15.00. Buy of owner and save money. Easy terms. Can show these lands at any time. C. A. Whitescarver, 206 Temple Court, Denver, Colo.

FOR SALE OR EXCHANGE: 240-acre eastern Texas peach and pear orchard, 2 miles of good growing city of 18,000 population. Owner will sell on easy terms or exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

The Hanna & Robertson Sale.

At the farm of Mr. J. W. Hanna, on Wednesday, December 12th, occurred the sale of Short-horn cattle made jointly by Mr. J. W. Hanna and Mr. Andrew Robertson, some six miles south of Garrison, Iowa. The cattle offered by Mr. Hanna in most part were not carrying the amount of flesh requisite in order to bring their worth. Nevertheless, they were in good, thrifty condition. Mr. Robertson's cattle were probably in better flesh, yet all were a business lot. It was certainly the farmers' opportunity to buy good practical cattle at modest prices. There were no Scotch cattle in the offering to attract the lovers of the north country cattle. Only one animal brought \$100. This price was paid by Mr. John O'Brien, of Van Horn, Iowa, for Sittytown Heiress, a red cow, calved October 25, 1902, sired by the Cruickshank bull, Sittytown Fame, and out of Red Heiress, she by Sassy Boy. This cow was a Scotch-topped Zelia, or Fashion. There were thirteen bulls in the offering that sold at an average of about \$62 each, while the price on the entire offering of forty-three head was \$360. Considering the fact that all these cattle were bred by their owners and reared under plain farm conditions, the sale was a success in its entirety. Both gentlemen behaved themselves in a straightforward manner when some of their choicest animals were selling for less than their value. They are both in the business to stay, and will be heard from in the future, with other sales, whereby the public will have more opportunities to secure good, practical, useful cattle. The splendid Scotch bulls at the head of their herds, when exhibited in the sale tent provoked very favorable comment. Col. Carey M. Jones, of Chicago, the popular young live stock auctioneer, did the selling in a very satisfactory manner. He was assisted in the ring, and ably so, by Col. J. W. Hite, of Vinton. The cattle were scattered throughout a radius of some fifty miles of Garrison—and the country is much better off by these cattle being taken for seed stock.

Duroc Swine Breeders' Meeting.

The National Duroc Jersey Swine Breeders' State Association will hold its annual meeting in the Commercial Club room in Des Moines, Ia., on the evening of December 27th. A good program has been arranged and a number of prominent men have given their consent to speak on this occasion.

"Roup and Ruin." Many a poultry breeder has found these two to be twin bed-fellows. Get rid of the one if you would banish the other.

THIS WINTER

will probably cause you to decide that you will look up a location where you can be sure of a better climate.

THE BIG BEND COUNTRY OF EASTERN WASHINGTON

offers you the place possessing this advantage, as well as many others. Wonderfully productive soil for grain, fruit and vegetables. Freedom from destructive wind and electrical storms. Arrange to come and see this country as soon as possible. Land prices are bound to advance. Railroad fare refunded to purchasers. Write at once for illustrated pamphlet.

THE BIG BEND LAND CO.,
Dept. 1
WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY OF NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
LARAMORE, - - - - - Capital and Surplus, \$250,000.00.
NORTH DAKOTA.

FOR SALE CHEAP

To Settle an Estate

NORTHWEST MISSOURI FARM.

330 acres very rich productive land, one mile to Railroad Station.

For particulars address

S. G. GILLAM, - - - - - Maryville, Nodaway Co., Mo.

A FARM BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES, 4 1/2 miles from Osage City, Kan.; 45 acres in cultivation, 40 acres hay land, 1 acre orchard, 2 acres timber, balance in pasture; 140 acres of this farm can be cultivated, balance is a little broken and has some stones, but is the very best quality; hay land is all smooth and would make a fine field. Soil is a black, sandy loam of the very best quality, no bad ground on place; 6 room house in good condition, burn for 8 horses, with loft; cow barn, cattle shed, buggy shed, corn crib, hen house; plenty of good water; nice grove around house; 1 1/2 miles to school. Fine location on main traveled road. This is one of the best all-around farms in Osage Co., Kan. No trades considered. One-half cash, balance on time. Price \$40 per acre. Send for our list of Osage Co., Kan., farms for sale.

Olander & Rapp, Osage City, Kan.

25,600 Acres TEXAS LAND

WE will sell as a whole, or in part from one section up, the forty sections of land controlled by us located in that portion of Texas being brought into prominence by the building of new railroads. This land is not in the Panhandle, nor on the coast. If you are interested in getting the best; where every acre is a perfect one; where fine whole some water can be obtained at from 10 to 30 feet, then write at once for full description, prices, terms, plats and state map of Texas free.

UNITED STATES & MEXICAN TRUST COMPANY,
Land Department,
101 Bryant Bldg. KANSAS CITY, MO.

OWN A FARM.

BUY it direct from the owners, the Duluth & Iron Range R. R. Co., and save speculators' profits. Titles perfect. Prices to suit all comers. Make small payment down and balance in 10 to 15 years' time at 8% per annum.

MEADOWLANDS

IN St. Louis County, Minn., is only 45 miles from Duluth and crossed by two railroads. Has a rich, clay loam soil, pure water, school, good neighbors, good roads. No stumps and no stones. Look this up before locating elsewhere. A fine dairying and diversified farming district. For map and full information, address,

LAND COMMISSIONER D. & I. R. R. CO.
525 Wolvin Bldg., Duluth, Minn.

LET ME SELL YOUR FARM, HOME OR BUSINESS

No matter where located, for cash, in less than 90 days. I have hundreds of buyers and keep in touch with them through 1,600 agents. The man who will buy your place on my list—do you want to meet him? Send description and price of your property quick. Address

412 Brace Bldg. A. EDGAR DAVIS, Lincoln, Neb.

In Beautiful Artesian Valley. With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to
Miller & James, Mende, Kansas.

FARMS FOR RENT. Iowa 80 to 640 acres, Mo., Ill. Cash or share rent. Write for list.
Northern Iowa Land Co., Independence, Ia.

Texas Gulf Coast

1,000,000 ACRES of best land in best part of Texas, selected by an expert of ten years' Texas experience as land agent for principal railroad. Most fertile soil in world. Grow something every month in year. Fine climate. Will sell in tracts to suit to dealers or homeseekers. Close to railroads, schools, churches, rural mail delivery. \$5 to \$16 per acre, Easy terms. Write or call at once. Buy ticket to or via Houston. Don't cost any more, we pay expense from there. Live agents wanted.

PICKERT-HAMMOND LAND CO.,
Opposite Grand Central Station,
HOUSTON, TEXAS.

IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY,
Laurens, - - - - - Iowa

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for all. Will sell on favorable terms or will take good small farm or other property in part payment. 110X 151, INDEPENDENCE, IOWA

LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

IMPROVED FARMS

Wild lands, general merchandise stocks, hardware stocks, and city property for sale and exchange. Write me. Fremont S. Gibson, Agent, Mason City, Iowa.

FOR SALE, RENT, OR EXCHANGE.
320 or 640 acres in Wilkin county, Minnesota; good, level land, excellent location. 240 or 263 acres, Dunn county, Wisconsin, good stock farm. For terms and descriptions, write The Northern Iowa Land Co., Independence, Iowa.

DON'T FREEZE Come to Virginia. 500 spec- en farmers send for our new catalog. Learn about this country. Southside Realty Co., Inc., (Successors to Percival Bros.), Petersburg, Virginia.

TO EXCHANGE: Two registered draft and one head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 148, Independence, Iowa.

IOWA FARMS FOR SALE Write for printed a bargain to offer. J. J. Lynch, Laurens, Iowa.

HOMESEEEKERS, MEN OF LIMITED MEANS, RENTERS

LET me have just a moment of your time. Do you realize lands are advancing in price everywhere and every day? Do you realize if you are to get a home of your own you must act at once? Renters do you realize that each year you pay out more to your landlord than will make a payment on a home of your own bought through me? Is it not time for you to stop? Is it not time to get a home of your own for your wife and children? The amount you are as rents each year applied on your own home and the rise in value will in a few years make you independent, put you on Easy Street; but you must act at once, not next week, month, or year, but now. If you don't buy of me or in Kansas, buy of someone somewhere. Buy land, buy now, have a home of your own, better land, and in a better country than from anyone else on earth. Let me tell you of a few things I have: one 160-acre farm, only \$1,000 down; one 80 acres, \$1,500 down; 160 acres, \$1,200 down; 161 acres, \$1,500 down; 92 acres, \$800 down; 80 acres, \$600 down; 80 acres, \$800 down. No payment then for two years and in small payments for ten years; reasonable interest, optional payments, and perfect titles. These lands all well located, fairly improved and priced right. It's the homeseekers and renters opportunity. Will you avail yourself of it? Send for list. But better come on first train. They won't last long. Call on or address,

F. S. BENNETT, 423 Commercial St., EMPORIA, KAN.

5 FREE BOOKLETS. FARMING IN CALIFORNIA.

Intensely interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$100 on alfalfa. Dairying and stock raising are extremely profitable. Grain and vegetable products pay \$80 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160-acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

California Farmland Company,
58 GROSSE BLDG., LOS ANGELES, CAL.

SOUTHERN Saskatchewan Lands.

SOUTHERN SASKATCHEWAN where they raise 45 to 50 bushels per acre of wheat and get 60 cents per bushel, you can pay for your land in one year. In early spring a strong Iowa syndicate will sell to Iowa people a large body of the very choicest land in Southern Saskatchewan. Good water and rich soil. Send us your name now so you can become familiar in every way with our proposition. A good, honest plan, where you can absolutely make a profitable investment.

C. C. PUGH,
310 Crocker Bldg., Des Moines, Ia.

Listen, Mr. Farmer.

I would like to tell you all about North Dakota Land, and how you can buy a farm with only \$320 cash down, balance half crop payments. Send me 20 cents, stamps or silver, and I'll send you samples of Wheat, Oats and Flax, together with an illustrated booklet with map telling all about North Dakota. DO IT TODAY.

A. B. Mallin, Kulm, N. Dak.

WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kenneby, Neb.

Not the Best, But One of the Best farms in Kansas, consisting of 480 acres smooth, black soil, finely improved with new 7-room modern cottage, big bank barn and all necessary out-buildings. 200 acres prairie meadow, 150 acres bluegrass, 60 acres alfalfa, the rest in corn; will all raise corn, wheat or alfalfa. Fine cellar, orchard, wells and windmill, in fact an ideal home. I own it and it is for sale at \$35 per acre. \$8,000 can remain in farm at 6 per cent. Address,
F. W. Parks, Owner, Abilene, Kan.

800 ACRES, Keith County, Nebraska. six miles from Ogallala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.
110X 81, INDEPENDENCE, IOWA

A BARGAIN—244 acres 3 miles from Emporia; 100 acres bottom, 65 in cultivation, 45 meadow, 10 in alfalfa, balance timber and pasture; good feed lot; house of 9 rooms, cellar, fine water, 2 good barns, cribs, chicken house, hog house, windmill and tank; 1/2 mile to school. Price \$75 per acre. Willis & Co., Emporia, Kan.

FARMS WANTED. In exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stables, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MEEK,** Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. In the sheet list we have ever issued and gives full descriptions with good pictures of improvements with map.
Northern Iowa Land Co., Independence, Ia.

FARMS FOR RENT AND SALE on crop payments. **J. MULHALL,** Sioux City, Iowa.

Farmers Get Rich

What Gov. Hoch Says!

Gov. Hoch in his address, before the Trans-Mississippi Congress at Kansas City, said: "Gentlemen, the Sugar Beet Industry is one of the industries that will make our empire."

Alfalfa Great Feed

You can raise stock cheaper on alfalfa than on any other feed and bring the stock to market finished in better shape.

Growing Alfalfa and Sugar Beets In the Great Arkansas Valley In Western Kansas

Land that will raise Alfalfa is going to be an object in the future. The Same with Sugar Beet land.

We have 30,000 acres of the best Farm Lands out of doors at poor man's prices. This land is in the Great Arkansas Valley in western Kansas. Good Irrigated Alfalfa and Sugar Beet lands at \$40 to \$75 per acre. Alfalfa pays from \$40 to \$75 per acre and Sugar Beets from \$50 to \$90.

Lands in the Arkansas Valley will advance 50 per cent in the next six months. This is the time to buy. You'll never buy land cheaper than you can now.

Our excursion dates are the first and third Tuesdays of each month from Iowa, Illinois and Missouri points. From Kansas City the first and third Wednesdays of each month.

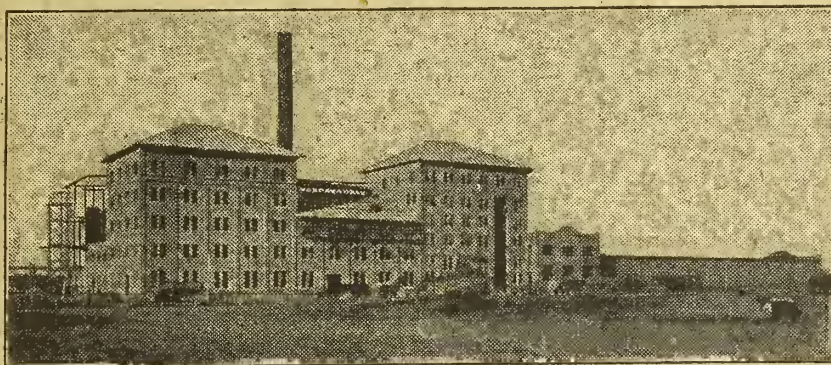
The U. S. Gov. is spending \$250,000 on an irrigation plant near Garden City

Crops Grown in the Arkansas Valley

The Arkansas valley of Colorado produces sugar beets which make a profit of from \$50 to \$90 per acre, wheat, corn, barley, alfalfa, wild hay, sorghum, flax, oats, potatoes, watermelons, cantaloupes, apples, peaches, plums, nectarines, prunes and bush fruits; and all in great abundance. The wheat crop is enough to bread the inhabitants and some over for shipment. It is the best milling wheat, and weighs 64 pounds to the bushel. The yield is 40 bushels per acre and there is one record of seventy.

In the West you can say for the country that it is an alfalfa country. This we can certainly apply to Finney county, for, until we found what we could do with the sugar beet, alfalfa was our best crop. Alfalfa is a splendid crop to grow in connection with sugar beets. After the sugar beets are thinned, which is the busy season in beet culture, alfalfa takes its turn—the 1st of June to the 1st of October, with a period of six weeks between each cutting, which gives all the time necessary for the cultivation of the other crops, and it is out of the way by the time the beet harvest begins.

Instead of one crop, it gives three or four every season, and, in short, a piece of land in alfalfa assures a perpetual income to the owner. It yields about 2½ tons per acre each cutting, and the hay sells for \$4.50 to \$8 per ton in the stack, but if fed to hogs or stock instead of sold, it gives the owner about \$10 per ton. The second cutting is usually used for seed, and gives about seven bushels to the acre, though cases are numerous of much higher yields. The seed sells from \$6 to \$10 per bushel, and the straw can either be fed or sold for about \$4 per ton. Sheep do especially well on the straw.



MILLION DOLLAR BEET SUGAR FACTORY AT GARDEN CITY, KANSAS. THIS FACTORY CONTRACTS TO TAKE ALL THE BEETS FARMERS RAISE AT \$5.00 PER TON.

Remember we have 30,000 acres of Arkansas Valley land to sell at poor man's prices. Do you want a part of it? We make very easy terms. Some cash, balance in three to five years.

Why You Ought to Buy Land in the Arkansas Valley

The increase in value alone will make you rich. Then there is no failure of crops. The average rainfall has been twenty inches for the past fifteen years and there is plenty of water for irrigating. Good, pure drinking water can be had at from fifteen to fifty feet. You will find here a healthful climate, pure, dry air. In a few years the same irrigated land we offer you at \$40 to \$75 per acre will be worth \$300 to \$700 per acre. This has been proven in Colorado in countries similar to the Arkansas Valley. In the meantime you can make from \$30 to \$125 per acre, the land raising alfalfa, sugar beets, cantaloupes, etc.

Can you do this in the country where you now live? And the above statements we stand ready to prove to you if you will go with us to Garden City and talk to farmers who are in the locality. No matter whether you want land for a home or for investment, we offer you an opportunity which has never been equaled, and which you will never have again, for the reason that land is getting too scarce in this country, and the man or woman who owns a piece of dirt is going to be king in the future. And why should you pay \$100 to \$150 an acre for land that will not pay 6 per cent on the investment when you can buy land for less money that will produce four or five times as much? And we stand ready to prove these statements by the experience of those already on the ground. Why raise one crop of corn when you can raise four crops of alfalfa? And the alfalfa seed alone from one crop is worth as much or more than the average crop of corn, or raise one crop of sugar beets that is worth as much as four crops of corn? Or you can raise one crop of cantaloupes that will pay from \$100 to \$125 per acre. Think this over. You'll want to quit work one of these days.

Poor Man's Opportunities

Mr. Farmer:—You don't have to be rich to go into the Arkansas Valley and make money. It's a poor man's country. We can prove to you that you can make more money on 40 acres here than you can on 160 acres of ordinary land, and do it with less work and less money invested in farm machinery, and you can buy land now for less money per acre. Don't you think it's your move?

Land Increasing in Value

Don't do as many have done in the past—wait until the prices go up, until it gets beyond your reach. Buy now, for the lands near Garden City are increasing in value faster than anywhere in the United States. The same kinds of irrigated land we will sell you for \$40 to \$75 per acre is selling in Colorado for \$300 to \$700 per acre. Our lands will make you rich on the increase in value alone, because they produce the crops.

We Own the Land

The Great Western Land Company owns the land. We bought it months ago when the prices were much lower than they are now, and we can sell you good land cheaper than any firm in the Arkansas Valley. We get our profit from the raise in value and you get the land cheaper than others are offering it. But don't wait if you want the benefit of these low prices. Get it now.

Opportunity for Investors

Mr. Investor:—Why let your money lie in the bank at 3 or 4 per cent when you can buy land in the Arkansas Valley and rent it and get 20 per cent interest on your investment in addition to the increase in value, which will amount to 25 per cent a year for the next ten years? Others are doing this now. Why not you? We can furnish large or small tracts. We can prove the above statements.

Go with us in our own private dining and sleeping cars, next excursion date and see this land from our Automobiles.

If you would like to know more about the great Arkansas Valley, write us now and we will send descriptive literature, Map of Kansas, etc., free. Or if you prefer we will have our nearest Agent call on you, and tell you all about it. But don't wait as the lands are advancing in price very rapidly. Every day counts. We have an office in the Blossom House, opposite Union Depot, in Kansas City. Call on us when here.

Write us now or tear this page out for future reference.

The Great Western Land Co.,
1048 UNION AVE., KANSAS CITY, MO.

Western Office, - Garden City, Kansas.

A million emigrants a year coming into the U.S. One reason why land is advancing.

IN THE GREAT SOUTHWEST.

The average yield of corn in Missouri the past year is 33.4 bushels per acre. The total yield is 223,000,000 bushels.

Pilot Grove, Mo., recently received 2,000 turkeys from nearby farmers. The principal streets were blocked with wagons and all records for one day's business was broken.

A wealthy land owner in Green county, Texas, has donated 25,000 acres of land to the Salvation Army. The land is situated in Sterling and Coke counties.

The St. Joseph Live Stock and Horse Show is now a recognized institution and a member of the American Association of Fairs. September 23d to 28th is the date set for next year's show.

Many cattle have recently died in Canadian county, Okla., from eating too many corn stalks. The dry stover becomes compacted in the stomachs and thus causes death.

The second prize fat steer in the two-year-old pure-bred Short-horn class at the last Royal was recently sold for seven and one-half cents, which made him bring \$126.75. He was a roan and owned by W. A. Forsythe, of Greenwood, Mo.

The Denver Live Stock Show to open at that place January 24th has made a new classification for feeder cattle. This entry will be open only to grass or hay-fed cattle which have never been allowed grain. Heretofore this entry was compelled to compete with cattle partly grain fed. The new classification, however, does not bar grass fed cattle from the regular feeder classes.

The total receipts of the relief corporation for the San Francisco disaster foots up to over \$6,000,000.

Two thousand pheasants are on the way from England to Kansas agricultural authorities. It is the intention to restock the state with this much-prized game bird.

A Missouri congressman has secured the passage of a bill through the house which is intended to curb the competition between convict and free labor. The bill gives each state the right to deny entrance to convict made goods from outside its confines.

Not long ago nine barrels containing 1,800 ducks were shipped from Texas to a Chicago firm, but were seized en route by the deputy game warden and given to charitable institutions. This is the biggest seizure since the new state game law went into effect prohibiting the shipping of wild game into or out of Missouri.

The Missouri State University will hold three classes for an eight weeks' course during January and February. The course is for the benefit of boys who have not time or money to take a full course in the agricultural college. The work taken up will be along the lines of plant propagation, animal husbandry and dairying.

Recent action of a convention held in Guthrie, Okla., resulted in fixing the location of the state capitol, temporarily until 1913, at Guthrie. A special election will be held to locate the capitol permanently.

There has almost been a coal famine in some towns in Cowley county, Kansas. Some time ago a through train was stopped on the St. Louis and San Fran-

cisco road and two cars of coal appropriated. This coal was consigned to points in Oklahoma. The citizens expect to pay for the coal, but were unable to get any without taking these extreme measures.

Less than one per cent of Kansas highways are surfaced with stone or gravel, according to a bulletin recently published by the department of agriculture. Ellis county has sixty-six miles of stone and gravel road and Cherokee county forty miles, while Franklin county has thirty-five miles. These three counties have more improved roads than all the other 102 counties in the state put together. The total expenditure on roads in Kansas in 1904 was \$692,823 in cash, \$539,994 in labor, making an average of \$12 per mile expended on the roads in a year.

The Kansas Agricultural College won high honors at this year's International Exposition. That institution succeeded in getting a Short-horn steer into the line-up for the grand championship prize, the first time that a Short-horn ever stood so high at the International. In the herd of steer classes this institution also came within an ace of winning first premium. Many ringsiders favored their three white Short-horns for first place. Had they been put there they would have stood an exceedingly good chance of winning the grand championship herd prize. The affairs of the Kansas Agricultural College, notably in the animal husbandry department, seem to be in good hands.

If Missouri were as thickly populated as Rhode Island her population would number thirty million. The average farmer in Missouri has 120 acres while in Kentucky, where many of the present settlers came from, the average is ninety-three acres. There is little danger of the rural population in our western states being crowded for some time to come.

A Texas congressman recently introduced a bill into the house for the discharge of all colored troops in the United States army. While this element are brave fighters and hardy soldiers that quality it is claimed should not be an argument against the bill, as there are Indians and other races of men that are brave, but nevertheless are a dangerous element in the troops that guard the nation.

McMillan's Percheron Sale.

The eighth annual sale of Lakewood Percherons was held at Sioux City, Iowa, December 12th and 13th, by Mr. H. G. McMillan, of Rock Rapids, Iowa. As had been predicted in former issues of The Homestead, the offering was a very select one, and in fact, the best ever made from this great breeding establishment. The sale had been well advertised and this, coupled with the grand array of prize winnings at the Iowa State Fair, the Minnesota State Fair, Sioux City Interstate Fair and the International in Chicago, caused buyers throughout the length and breadth of the land to prick up their ears and take notice that something was doing at Lakewood. Seldom has it occurred in the annals of history, if indeed ever, that such a choice galaxy of Percheron breeding in such large numbers was ever offered the public. It was the horseman's opportunity, and he embraced it by being present from twelve different states, and rendering assistance in making Percheron history. The get of Calypso (chief stallion at Lakewood) was very much appreciated and sought after. Buyers recognized unusual merit in sons and daughters of this famous sire. Calypso's get in the sale made the handsome average of more than \$700 each, including both stallions and fillies, some of which were hemished (by wire) and several yearlings were included. The unprecedented show record of Calypso, backed by the results of this sale measured by the auction block test, certainly justify Mr. McMillan in refusing to consider \$10,000 for this great stallion. Calypso mares bred to Olbert went like hot cakes on a cold

CROPS WITHOUT WEEDS

The way to get them is to clean and grade your seed. Clean, graded seed yields 5 to 15 bushels more per acre, the grain is better quality, less liable to rust and smut and sells for a much higher price. Every 20 acres of land cultivated will pay for a grader every year; the increase in value and crop yield will net you a handsome increase in profits and pay the Rent for the grader besides increasing your farm of weeds and noxious plants. Our Little Star

COMBINED CORN SORTER, GRAIN GRADER AND GRASS SEED CLEANER

is the most efficient and economical machine of its kind made. Cleans, grades and separates any seed or mixture of any four similar seeds at the same time—does the work of Three Machines but costs only the price of one. Has double the screen surface of any machine of its kind—7 complete riddles and 4 double wire screens. Our "Corn Grader" Screens No. 8 and No. 9 provide an absolutely uniform "drop" from the "Corn Planter," edge drop or otherwise. Every machine guaranteed. Will do all grain and seed work for 100 acres. Price \$19.98. Freight paid. Write today. HALL GRAIN GRADER CO., 224 Locust St., Winfield, Iowa.



From Factory to Farm NO AGENTS NO MIDDLEMEN

14-in. Steel Beam Plow, Double Shin
Best that money can build, only \$8.65

12-in. \$7.95
14-in. \$9.25
16-in. \$10.15
Sulky Plow \$25
Gang Plow \$35
1000 other articles. Big Catalog Free. Special Catalogs of Bugles, Harness, Steel Ranges, Best Walking Cultivator, 4 shovel, \$12.00. Improved Riding Cultivator, 4 shovel \$18.00. Best Walking Cultivator, 6 shovel and Eagle Claws, \$15.95. Improved Riding Cultivator, 6 Disc, \$24.95. Corn Planter, complete, 80 rods wire, \$27.25. Tell us what you want when you write for catalogue. Address HAPCOOD PLOW CO., 117 Front St., ALTON, ILL. (Only plow factory in the United States selling direct to farmers at wholesale prices.)

See what it Means.
64-Tooth Lever Harrow \$7.95
66-Tooth Lever Harrow \$11.95
14-in. Imp. Lister \$17.25
14-in. Sulky Lister \$30.00
6-ft. Rake \$16.00
Sewing Machine \$9.00
Best Sewing Machine \$6.00
equal to any \$50 machine \$17.50
Steel Range With Res. \$19.70
Fine Top Buggy \$33.50
12-14 Disc Harrow only \$14.95

day. Certain it is that two more famous high-class stallions do not stand at the head of one stud on the American continent. The bidding was spirited throughout the major portion of the two days' sale. With Col. F. M. Woods in the box, ably assisted in the ring by Messrs. Pat McGuire, Dan Sayre and Mr. Shutt, of Oregon, all was done that was possible to extract the high dollar from the bidders for this choice offering. The following is a list of states that was represented by buyers and visitors: Iowa, Illinois, Nebraska, Kansas, Colorado, Indiana, Wisconsin, Minnesota, North and South Dakota, Missouri and Alberta, Canada. One feature that militated against higher prices of the mares and fillies was the fact that many of them had been bred late in the season and were not showing to be in foal through outward appearances. Nevertheless, the sale must be characterized from every standpoint as the best ever held in America, numbers considered. Mr. McMillan from the start inspired his audience with confidence that this sale, like all its predecessors, would afford the buyers a square deal, and this theme was carried out to the letter. There will probably be no other event of like character occur in the United States this year until February 27th and 28th, at which time Messrs. Watson, Woods Bros. & Kelly Co. will make a similar sale of Percherons at Lincoln, Neb.

STALLIONS.

Childebert, three years, sire Morse, Geo. F. Root, Red Deer, Alberta, Can. \$1,100
Ruvier, two years, sire Calypso, E. S. Ellsworth, Iowa Falls, Iowa. 1,450
Parsifal, three years, sire Calypso, Geo. F. Root. 1,410
Corsican, two years, sire Porcuro, same. 1,050
Belvidere, two years, sire Calypso, same 830
Richlieu, two years, sire Calypso, same 1,050
Escapade, two years, sire Calypso, same 1,005
Jap, three years, sire Morse, O. O. Ellison & Son, La Moure, N. D. 705
Beau Brummel, three years, sire Calypso, W. W. Crockett, Ray, Mo. 1,005
Creuzot II., three years, sire Creuzot, O. O. Ellison & Son. 630
Debonair, two years, sire Troupier, J. Raymer, Van Cleve, Iowa. 600
Leward, two years, sire Buswell, M. D. Wolcott, Gilmore City, Iowa. 500
Deneau, three years, sire Morse, same. 700
Kero, three years, sire Morse, H. E. Sanders, Worthing, S. D. 680
Frank, two years, sire Morse, H. McKilnsky, Highmore, S. D. 580
Vulcan, two years, sire Kellerman, M. D. Wolcott. 625
Pommier, seven years, sire Victoria, R. C. Vermillion, Greencastle, Ind. 590
Black Dan, two years, sire Joffard, John Brown, Mexico, Mo. 510
Lord Minto, two years, sire Voltaire "H. B. Bernard, Jefferson, S. D. 600
Romeo, four years, sire Morse, D. V. Van Orsdel, Kingsley, Iowa. 400
Black Monarch, two years, sire Morse, W. D. Wolcott. 385
Jyp, two years, sire Morse, P. J. Eggers, Denison, Iowa. 685
Lucifer, two years, sire Tempest, F. C. Erstine, Highmore, S. D. 200
Gaston, one year, sire Calypso, H. A. Rume, Herman, Neb. 505
Reno, one year, sire Calypso, E. S. Ellsworth. 335
Callot, one year, sire Tempest, R. C. Hayhurst, Shelby, Neb. 235
Rostand, one year, sire Tempest, Geo. F. Root. 400
Valdemar, one year, sire Sans Tache, L. Werz, Emerson, Neb. 260
Latonia, one year, sire Romeo, E. S. Ellsworth. 255

MARES.

Antoinette, three years, sire Calypso, O. O. Ellison & Son. 1,105
Genevieve, three years, sire Calypso, same. 705
Ruble, six years, sire Avant Coureur II., Geo. F. Root. 675
Marlanna, four years, sire Illustre, same. 650
Vinette, two years, sire Calypso, A. H. Reimers, Calumet, Iowa. 700
Romany, two years, sire Calypso, E.

McAllister, Geddes, S. D. 460
Silver Mist, four years, sire Goldfinder, Geo. F. Root. 505
Elaine, six years, sire Titus, P. W. Moyer, Orange City, Iowa. 425
Atlante III., four years, sire Invincible, Wm. Groat, Fullerton, N. D. 470
Frangipana, six years, sire Illustre, Hugh McKilnsky. 600
Ina, two years, sire Calypso, G. W. Patterson, Wilmington, Minn. 475
Marcella, three years, sire Sans Tache, Fred Frost, Grundy Center, Iowa. 375
Cynthia, three years, sire Illustre, J. McClellan, Astoria, Ill. 500
Chub, four years, sire Goldfinder, Wm. Groat. 605
Juliette, two years, sire Julien, A. H. Reimers. 510
Brunette, two years, sire Calypso, M. D. Wolcott. 425
Sylvia, three years, sire Charancon, Geo. G. Wright, Mt. Pleasant, Iowa. 400
Grey Lady, two years, sire Tempest, J. W. Williams, Denver, Col. 500
Bitter Sweet, two years, sire Troupier, E. McAllister. 300
Norma, two years, sire Sans Tache, T. C. Maxwell, Earlham, Iowa. 500
Geneva, two years, sire Calypso, H. W. Lightly, Austin, Minn. 610
Rosette, two years, sire Calypso, same. 405
Moxketa, two years, sire Troupier, John McClellan, Astoria, Ill. 430
Pereless, two years, sire Troupier, A. C. Bailey, Sutherland, Iowa. 410
Carmencita, nine years, sire Nubian, A. C. Hayhurst. 380
Junleta, two years, sire Tempest, P. W. Moyer. 500
Rosale, two years, sire Morse, Geo. F. Root. 415
Vanilla, two years, sire Troupier, John McClellan. 400
Bellora II., four years, sire Creuzot, H. W. Lightly. 500
Farina, two years, sire Tempest, Frank Pemherton, Iowa Falls, Iowa. 355
Galatea, two years, sire Troupier, J. A. Griffin, Alma, Neb. 400
Lolita, two years, sire Mark, Geo. G. Wright. 375
Myrtle, two years, sire Tempest, Frank Pemherton. 500
Flurette, five years, sire Illustre, Neis Beck, Irene, S. D. 345
Roberte, two years, sire Lyceen, J. A. Griffin, Alma, Neb. 420
Marletta, eight years, sire Tripoli, Neis Beck. 390
Clarinda, two years, sire Brilliant, A. Mitchell, Jasper, Minn. 350
Olivette, two years, sire Calypso, C. B. Freehorn, Earlham, Iowa. 500
Isabella, two years, sire Calypso, H. McKilnsky. 700
Peony, two years, sire Calypso, C. B. Freehorn. 425
Doll, six years, sire Goldfinder, P. W. Moyer. 525
Laurette, two years, sire Tempest, J. C. Maxwell. 390
Alice, two years, sire Lyceen, G. F. Molds, Alma, Neb. 415
Pearl, two years, sire Tempest, H. J. Meester. 360
Minnie, two years, sire Bedford, same. 315
Sirona, six years, sire Charancon, Geo. Taylor, Osceola, Wis. 475
Flora, three years, sire Superior, H. C. Bailey. 450
Stella Girl, two years, sire Culrasslor, C. E. Rockwell, Highmore, S. D. 345
Jassamine, two years, sire Coriolan, P. W. Moyer. 960
Black Beauty, three years, sire Goldfinder, Wm. Kazort, Sac City, Iowa. 660
Laura, three years, sire Frederick, W. W. Vaughn, Marion, Iowa. 340
Luana, one year, sire Calypso, L. Dunbar, De Soto, Iowa. 500
Fachinator, one year, sire Calypso, J. S. Farnum, Chatsworth, Iowa. 390
Claudine, one year, sire Tempest, E. S. Ellsworth. 305
Faucine, one year, sire Tempest, same. 340

SUMMARY.

30 stallions \$19,430.00; average... \$647.70
56 mares 26,965.00; average... 481.26
86 head 46,395.00; average... 539.48

Purinton Steam Feed Cooker

Quick and Economical.

Free Trial Offer.

We are so sure of the merits of our cooker that we send it out on

A Week's Free Trial,

without signing of notes or other obligations, to be paid for if it proves satisfactory.

If we hadn't the utmost confidence in our boiler we couldn't afford to do this.

Made in various capacities to suit all requirements. Send for catalogue today.



Takes Little Fuel and is Absolutely Safe.

Use wood, cobs, coal or anything burnable.

Provided with supply tank for refilling while steam is up, and double jointed cooking pipe which can be put into barrels around boiler without unscrewing.

CRESCENT FURNACE & FOUNDRY CO., 804 Madison Street, Des Moines, Iowa.

IN AND AROUND WISCONSIN.

"Grassland," the car carrying an exhibit of northern Wisconsin agricultural products, attracted much attention from visitors at the recent Chicago stock show.

The Minnesota State Poultry Association will hold its twenty-first annual exhibition at Minneapolis, January 15th to 23d. Eggs and dressed poultry will occupy a prominent place and prizes and eups have been freely offered in the premium lists.

Wisconsin implement dealers at their last convention decided to wage a strenuous war against the parcels post and the mail order house. The meetings were two hundred and fifty strong and will petition congress.

A very important discovery of marl has been made in Marionette county which promises to make a great industry for the community in which it is located. Marl is the basis of cement manufacture. The deposit covers a large area and is said to be almost inexhaustible. Whether Wisconsin users of cement may expect lower prices on this material is a question for later discussion; however, the cutting down of freight expense is quite probable.

One hundred and forty students are registered for the winter dairy school at the state university. For the first time since this department has opened, there is an equal attendance of creamery and cheese factory operators. This indicates an awakening among students regarding the importance of the cheese industry. Formerly the low wages of this kind of operators prevented them from taking the full course.

The Wisconsin State Grange held its thirty-fifth annual convention last week at Medina. Among the subjects of discussion were public highways, oleomargarine bill, parcels post and postal savings banks.

The deer slaughter in Michigan is estimated to be about 15,000 carcasses. The fact that nearly a score of people were killed or injured in connection classes this sport with football.

Wisconsin herds and flocks made a strong showing at the recent fat stock show in Chicago. There were four horse exhibits, five cattle herds and five flocks of sheep. The Wisconsin University made a very prominent showing as usual in the sheep and swine departments.

The building committee of the state capitol have now bids for certain parts of the structure under consideration. For the exterior work Georgia marble is favored for its handsome finishing qualities. Wisconsin granite had its advocates, also, though it is difficult to secure.

James Nevin, superintendent of the state fish hatchery recently inspected some of the headwaters of the White River near Wautoma in Waushara county, and think it may make an ideal place for the location of hatchery for trout.

Seven killed and nine wounded is the final report of deer hunters fatalities in Wisconsin. This year has been less dangerous for the sportsmen than any past. Wood choppers and lumbermen have suffered death as well as hunters by being taken for game.

Representatives of three large Milwaukee hotels have organized a company which will operate a farm to supply vegetables, farm produce and poultry to the hostleries. A former surper-

intendent of a state institution takes charge of the farm.

Shipping live carp from Wisconsin lakes, where they are taken in nets, to Chicago, there stored in tanks and fattened for a special trade is a business that is assuming considerable proportions. At the last movement of shipment the fish which range in weight from a few pounds to fifty, are packed in boxes alive and surrounded by snow or chipped ice. This covering prevents the entrance of air and during the few hours of the run to the city there are very few that succumb. In Chicago they are at once turned into large vats and fattened on refuse from eating houses. While the ordinary American palate does not relish carp highly, the Jewish people buy them readily, as the fish can be purchased alive and killed according to religious rites.

The railroad commission of Wisconsin has just issued an order reducing freight rates on sugar beets about 20 per cent. The Wisconsin Sugar Company, of Menomonie Falls, and the Chippewa Sugar Company, of Chippewa Falls, petitioned for a reduction in rates on this product and the commission held several hearings on it. The railroad companies affected are the St. Paul, North-Western, Omaha, Wisconsin Central, and Illinois Central. The new rates range from forty cents per ton for a twenty-five mile or less haul to \$1.70 for 275 to 300 mile haul.

After months of preparation the first work on the new drainage ditch in the townships of Yorkville and Raymond in Racine county has been begun. The work will be pushed as long as the weather will allow and when completed the land within several miles of the canal and extending its entire length of ten miles will be drained and from wet, soggy fields almost useless, will be formed some of the best farming land of that section.

Two hundred and fifty tobacco growers and dealers were in convention lately at Madison. This is the sixth annual affair and a prosperous future of this business in Wisconsin is prophesied. Resolutions were passed asking the feder-

ONE LEVER DOES IT ALL ON THE I.H.C.



You would rather operate one lever than to get mixed up with three or four. The I. H. C. Spreader has but one lever—the only spreader of that kind.

This is just one point of superiority over other spreaders. There are others. No other spreader has a vibrating rake to level the load and bring the manure up square to the cylinder. Everybody knows a spreader works better and gives a more even distribution when the load is level.

Great power is required when a spreader is in operation to run its cylinder, move its apron, level the load, etc. The I. H. C. Spreader gets ample power from both the rear wheels of the wagon.

It not only gets more power but it is surer of its power at any moment. It makes no skips, and it avoids friction, side strains, and consequent breakage.

This same thing helps to secure the light draft for which I. H. C. Spreaders are noted.

Its steel wheels have a superb strength. Broad tires, they do not rut the land or cut in to make heavy pulling. The turned-in flange keeps out the dirt and mud.

Rear wheels are provided with traction lugs. There's no slipping or sliding on wet or frozen ground.

It has a wide range of feed. You spread as thick or as thin as you like.

You see everything has been thought of and worked out to make the I. H. C. the leader of all spreaders.

You have choice of two types—Clover-leaf, endless apron spreader and the Corn King, with return apron. Each type is made in three sizes.

If you buy an I. H. C. manure spreader you know it is right.

Call on the International local agent or write us for catalog.

Send three two cent stamps for a copy of "Farm Science." Book just from the press, written by eight leading agricultural authorities of the United States. Treats practically every farm topic in the most forceful, money-making way.

International Harvester Company of America, Chicago, U. S. A.
(INCORPORATED)

al government for an appropriation to carry on experimental work.

The champion car load of fat Angus steers at the International sold for the highest price yet to be recorded. A New York firm secured them at seventeen cents a pound. They were owned by Funk Bros. Co., of Illinois.

Marking Sale Hogs.

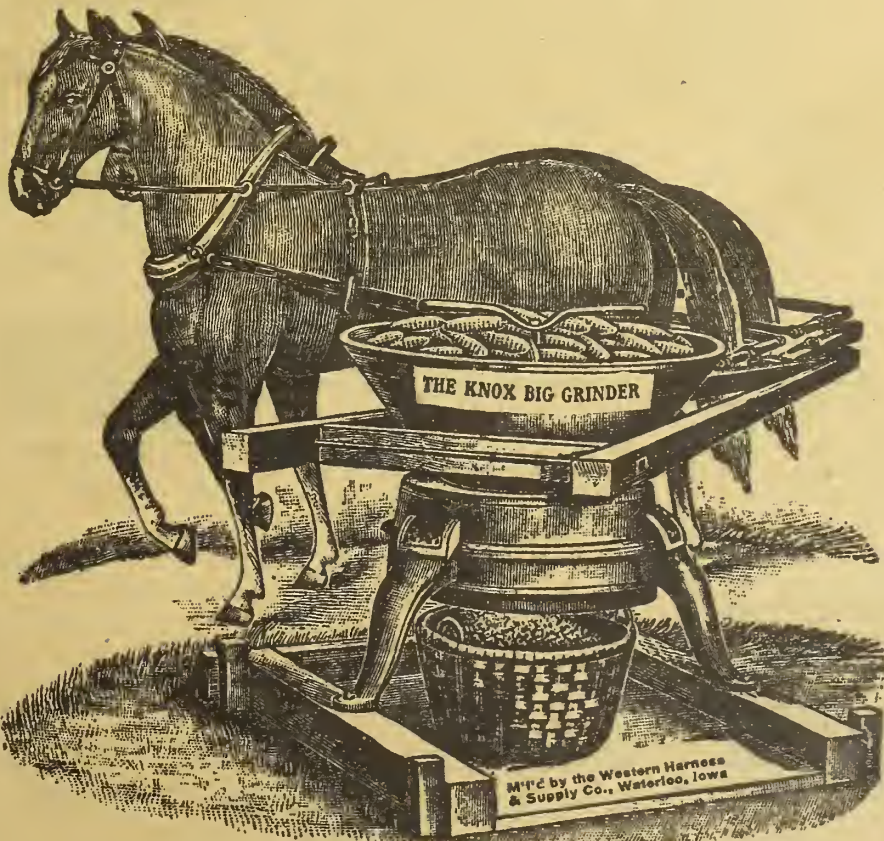
To the Editor of The Homestead:

The marking of sale stock to the satisfaction and convenience of both buyer and seller is no small job. In all my sale experience (which is nine in number) the best method I have ever found is to number the hogs on the back with white paint mixed as thickly as can be

applied with a half inch round brush. The brush should be wrapped with string close to the end to keep it from spreading, thus making the mark too wide and scattered. In making the figures one cannot operate the brush as if on a board or other smooth surface. They should be made by dotting the outline of the figure. By so doing the hair will be left straight.

I have marked my sale hogs in this manner and by the lead being thick and stiff the letters would remain plain for one month after sale. White hogs could be marked likewise with black paint. I usually make figures about four inches long, which can be seen from any part of the sale pavilion.

Iroquois Co., Ill. J. A. Rosenbery.



If any of our readers want to buy a feed grinder, one of the most useful machines on a farm, we would recommend them to the Western Harness & Supply Co., Box 53, Waterloo, Iowa. This concern manufacture a full line of feed grinders, feed cookers, tank heaters and harness which are recognized as one of the best lines on the market. They sell them direct from their factory to the farmers, giving them the benefit of factory prices. They sell their Knox Big Grinder for \$23.25 and guarantee it to grind fifty bushel baskets full of corn per hour and also guarantee it against breakage for two years. They also say if it isn't the best grinder you ever used, they will gladly refund your money. The Western Harness & Supply Co. have advertised in this paper for five years and are a concern our readers may safely deal with. Their advertisement is found on the back cover of this paper. Send for free catalog giving full description of their wares, and kindly mention this paper.

Send your HIDES to

BAYER TANNING CO.

to be tanned for Robes, Coats, Rugs, Harness and Lace Leather. Practical and Technical knowledge of Tanning. Superiority in workmanship and finish makes our work the kind YOU want. Write for new booklet and price list.

BAYER TANNING COMPANY.

Dept. "12"

Des Moines, Iowa.



We are large tanners and have decided to buy
HIDES, PELTS, FURS, WOOL AND TALLOW.
"DIRECT FROM THE FARMER."

Ship us one hide or a hundred—fair treatment guaranteed all—the smallest shipper and the largest. We pay highest market prices and make prompt remittance. Write for price, tags and reliable information about curing hides, etc.

J. S. SMITH & CO., CHICAGO.
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DES MOINES TANNING CO.



Hides Tanned and Mfg.
into Coats, Robes,
Rugs, Etc.

**WE GUARANTEE
OUR WORK**

DES MOINES TANNING CO.,
Des Moines, Iowa.

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PRICES SHIP TO THE OLD RELIABLE
NORTHWESTERN HIDE & FUR CO.
MINNEAPOLIS - MINN.

Raw Furs and Hides

Established 1886,



and now the largest
Hide and Fur
House in Iowa.
Fair dealing has
been our winner.
Write for Price
Lists and Shipping
Tags.

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1102 Cherry St., Des Moines, Iowa.



GLOBE TANNING & MFG. CO.

222 S. E. 1st St. Des Moines, Ia.

WE ARE TANNERS of all kinds
of hides, both with hair on and
off. MAKE COATS AND ROBES.
Send us your cattle and horse hides.
Write for shipping tags and booklet.

Jacob Bayer and J. A. Smith, Props

Highest Prices and Prompt Remittance

GUARANTEED if you ship
us all your Hides, Furs,
Pelts, Wool, etc. We pay
same-day as goods are re-
ceived. Try us! We must treat
you right if we want to keep
you as a shipper. Write for
price list and tags.

BERMAN BROS., 325 1ST ST. S., MINNEAPOLIS, MINN.



HIDES Beef Hides 10 1-2c., Calf Skins 11
1-2c., Horse Hides \$3.50, Tallow
5c., Beeswax 29c., WOOL 25 cts..
We pay HIGHEST PRICES FOR FURS.
Send for our price list and shipping tags. Address
THE ADAMS SEED CO., Decorah, Iowa

TYPEWRITER

FOR SALE—Several typewriters as good as new.
Bargains for those who come first. Address,
Gilmore Co., 303 Locust St., Des Moines, Ia.

WANTED 10 men in each state to travel,
distribute samples of our goods
and tack advertising signs.
Salary \$50 per month; \$1 per day for expenses.
Saunders Co., Dept. 5, Jackson Blvd., Chicago.

ADIES to work on placework \$8 per dozen. All materials
furnished; no canvassing; steady work. Stamped appli-
cations. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

OUR HOME DEPARTMENT.

LETTERS intended for publication should be
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writer, not necessarily for publication, but as a mat-
ter of good faith. All communications intended for
this department should be addressed to Postoffice
Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

A CHRISTMASTIDE HOMILY.

Think of the bewildering loveliness of
spring-time—sunshine creates it. Sun-
shine frees the prisoned waters and car-
resses them into dimpling streams which
sing in very gleesomeness; sunshine
touches herbs and vines, trees and flow-
ers, and straightway they smile into
beauty and fragrance. Think of the op-
ulent splendor of summer—sunshine cre-
ates it. Sunshine paints the rose and
flavors the strawberry; sunshine brews
the luscious cup of odors which intox-
icates the senses under the August
moon; sunshine stirs every flying, creep-
ing creature until the world throbs with
the whir of wings and the hum of count-
less voices. Think of autumn's splen-
did richness—sunshine creates it. Sun-
shine yellows the corn and the wheat;
sunshine ripens the grape and the ap-
ple; sunshine fills the storehouse and
the barn. The promise of spring, the
joy of summer, the glory of autumn—
sunshine creates them all. Great is sun-
shine.

Some years ago at a Salvation Army
meeting presided over by the late la-
mented Mrs. Booth-Tucker, an English-
woman sang a song whose refrain runs:

Open wide the windows,
Open wide the doors,
Let the blessed sunshine in.

After the soloist had sung this re-
frain Mrs. Booth-Tucker stepped for-
ward and said, "Now, all sing it. Sing
it with a will." And the crowd sang.
Like a command the words rang out:

Open wide the windows,
Open wide the doors,
Let the blessed sunshine in.

Again Mrs. Booth-Tucker stepped for-
ward. This time she said, "Won't you
sing it once more? Softly this time,
please." And the crowd sang beseech-
ingly, entreatingly, as if they prayed:

Open wide the windows,
Open wide the doors,
Let the blessed sunshine in.

Such music never dies; the winds catch
its echoes and toss them to and fro
and on and on. Do you not hear it?
Now it bids you. Now it entreats you.
Listen:

Open wide the windows,
Open wide the doors,
Let the blessed sunshine in.

Sunshine is love and love is God—God
made manifest in the Babe of Bethle-
hem. It is the sunshine song the Christ-
mas bells peal out.

With sweet insistence they reiterate
the love motif. They embroider the can-
tus firmus with wondrous counterpoint.
But the message is the same. "Peace on
earth, good will to men," they peal. Yes,
and one may catch, "Beloved, let us
love one another, for love is of God." It
is a variation on "Let the blessed
sunshine in."

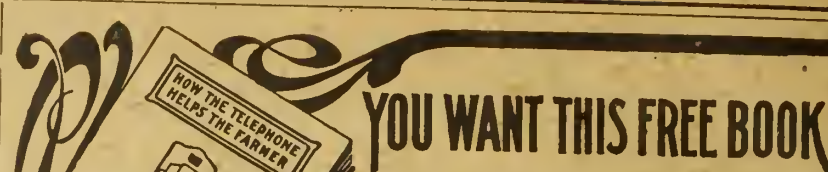
The store windows are gay with prep-
arations for the Christmas trade—since
the wise men brought gold and frank-
incense and myrrh to the Christ Child
in the manger Christmas has been a
time of gift giving. We gaze in the
windows, and as we gaze we long for
the purse of Fortunatus. We sigh and
we turn away. But are we not foolish?

God gave Himself to us in the per-
son of a little child. Stirred by His
gift we fain would give. And we long
for riches that we may buy gifts.

Love is the supreme gift; no material
thing can be more than a medium for
its expression. And no material thing
can be more than a medium for its
expression. To love is to give. As the
sun gives itself in shining, so may the
soul in loving. Love is the sunshine
of the soul. And who wills may have
and give. It is without money and with-
out price, this choicest of gifts; this
gift which blesses the receiver as can
no other gift however costly.

'Tis passing strange how chary some
of us are of giving ourselves, of scat-
tering sunshine as we go. We lavish
our money in the purchase of gifts, or
sigh if we have none to spend, and we
withhold the only thing which makes
any gift worth while.

If only we were wise, if only we un-
derstood, we should know that far bet-
ter than any gift we can buy or make
with our hands, far better than any set
gift at any set time is the daily giving
of ourselves in love and faith, in gen-
tleness and courtesy, in patience and for-
bearance, in tact and kindness, in truth



YOU WANT THIS FREE BOOK

Here is a book—yours for the ask-
ing—which should be in the hands of every
progressive farmer in America. From cover
to cover it is brim-full of facts of vital im-
portance to you. It comes from the great-
est independent telephone house in the world—the
house that has been most instrumental in bringing the
blessings of the telephone to hundreds of thousands
of farm houses all over the land. It shows you
how simple and easy and inexpensive it is to own a

Stromberg-Carlson Telephone

system—a system that is a money-saver every hour in the
day—a convenience and comfort you shouldn't even try to
do without, and a protection against sickness, robbery,
danger and fire that pays back its trifling cost over
and over and over again. You owe it to your business and
your family to get this book at once and read every line
in it. Your letters will get personal attention and you'll
have the help of experts from this great factory in every
move you make toward owning a telephone. Sit right
down now and say: "Send me your 52 page booklet
G12 "How the Telephone Helps the Farmer."

Stromberg-Carlson Telephone Mfg. Company

ROCHESTER, N. Y.

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The Easy Way

A child of ten can run an O K washer, standing or sitting, and
do the work right. It is just simplicity itself. No complicated and
expensive parts like machines that squeeze, pound, and force water
through the clothes. Fly wheel turns either right or left—plan wheel revers-
es automatically. Clothes are turned back and forth through the hot
suds, dirt is dissolved and they are cleaned thoroughly and per-
fectly and quickly. O K washers are sold on their merits alone. We make no "free" offers.
So is every other washer sold. Do not be caught by "free" talk. If you don't believe
it just try to get one of their machines for nothing.
O K sales have increased in six years from 25 a week to 350 a day. Sold, mind you,
not given away. It's the washing machine people are glad to buy when they know it.
And it's sold at a fair price. Our free book explains. Write for it.
H. F. BRAMMER MANUFACTURING CO.,
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over written, illustrating all fur animals, 450 pages, leather bound. All about trapping, kinds of
traps, decoys, trappers' secrets. Price, \$2.00. To our shippers, \$1.25. Hides tanned into beautiful
robes, also other tanning. **ANDERSCH BROS., DEPT. 10, MINNEAPOLIS, MINN.**

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Largest Commercial School and Institute of Shorthand and
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The Large Illustrated Catalog is Free.
BOYLES COLLEGE, 1804 HARNEY ST., OMAHA, NEB.

Gold Watch AND RING FREE

We positively give both a Solid Gold Laid
STEM WIND American movement Watch
highly engraved and fully warranted timekeeper
equal in appearance to a Solid Gold Watch, also a
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Gem, sparkling with the fiery
brilliance of a \$50 diamond, for
selling 20 pieces of business
jewelry at 10c each. Order 30 pieces
and when sold send us the \$2.00 and we
will positively send you the watch and ring; also a chain, Ladies
or Gents style. **ALTON WATCH CO., Dept. 121, Chicago.**

Better not. The present gain can never
compensate for ultimate cost.

Let's be better neighbors,
With a willing hand
Help to lift the fallen
To a higher stand;
Do some good for others,
Say ill things of none,
Have an easy conscience
When the day is done.

CAROLS AND STORIES.

Never let any Christmas pass that you
do not sing the dear old Christmas songs.
Somebody at the piano, everybody singing
and the whole gamut of praise and melody
weaving itself around the day when to earth's
darkness came the light of the ages. Read
the story of the manger, of the wise men,
of the shepherds, of the angels, of the Babe
on mother's knee. For
"Still through the cloven skies they come
With peaceful wings unfurled,
And still celestial music floats
O'er all the weary world."
And when you have finished St. Luke's
amazing narrative, and the children are all
away, enjoying their presents, you two, hus-

band and wife, can do no better than take down from the shelf your old copy of Dickens, and read again *Boots at the Holly Tree Inn*, *The Cricket on the Hearth*, and *Caleb Plummer and His Blind Daughter*. Not all in one day, but one every day till the holidays are over, and you swing back again into the ordinary work-a-day life and the world of struggle that flamed into such radiance under the star of Bethlehem.

IN MOTHERLAND.

In Motherland, at Christmastide,
That's where I fain would be.
At that dear seat of blessing
Where God appointed me.
To look into my mother's eyes
And see the holy star,
Which leads my soul to love-lit goal
Where God's best bounties are.

In Motherland, at Christmastide,
That's where 'tis best to be.
The safest place of refuge
From care and loss to flee.
To feel again the fond embrace,
And find the high increase
Of heaven's grace in that dear face
Which tells of love and peace.

In Motherland, at Christmastide,
Life's highest throne is set—
There's naught to fear, for Peace is here
To place Love's coronet.
In Motherland, at Christmastide,
While angels thronging come,
The pure in heart may see, in part,
The God who gave us Home.

THE CHRISTMAS TREE.

The very essence of the Christmas tree idea is especially, in the minds of the children, that it not only should be beautiful, but also should bear Christmas fruit. Yet I have seen trees ablaze with lights and glittering bangles, with never a goodie to eat. The pity of it! The disappointment of it! Aye, the wrong of it, since the tree is there with its promise. Practically, it is a saving to digestion to place the Christmas sweets intended for children on trees, as they dismount them slowly, being reluctant to spoil their beauty. Let nearly every article then on the Christmas tree be a receptacle for something good, or fruits, not requiring receptacles. Make a number of little bags (of silk or silkoline) for holding the sugared popcorn, dates, nuts and raisins. The same filling will answer for cornucopias, of which there should be a generous number, and in varying sizes and colors. Gilded walnuts make a very effective decoration, and they always delight children, because, pretty as they are, they may be cracked and eaten. Use English walnuts, and first pass a wire around each one and secure it, leaving an end for attaching to the tree. If you can secure the old-fashioned hearts, animals, walking sticks of pure sugar, be sure to do so, and let the red apples and yellow oranges dangle from the branches.

IN HOLIDAY TIME.

Wrapping Christmas Gifts—Provide yourself with an abundance of white tissue paper, as well as pink and blue, also with pink, blue and white ribbon for the inner wrappings. Then invest plentifully in red and green rib-

bon the shade of holly berries and leaves for tying the outside of the packages. Wrap the packages as daintily as possible in any appropriate shade of paper and tie with ribbon. Lay in this your visiting card, on the back of which write the Christmas message of which the world never grows weary: "Peace on earth, good will to men." Then wrap these in white tissue paper, tie one way with red ribbon, the other with holly green, and where the ribbons cross insert a sprig of holly leaves and berries.

CHRISTMAS CAKES OF OTHER LANDS.

Speculoes (St. Nicholas Cakes)—One pound butter, one pound brown sugar, one-half pound blanched almonds, one egg, one teaspoonful cinnamon, nutmeg, cloves, baking powder, peel of one lemon grated, also of one orange; one teaspoonful salt. Mix well together, add enough flour to make a very stiff dough. Roll out to thickness of a quarter. Leave dough over night, cut in any form desired and bake in moderate oven.

Dutch Haarlemmer Hallelfes—Two pounds flour, nine and one-half ounces butter, three ounces sugar, five eggs, cinnamon and cloves. Beat butter and sugar thoroughly, add the flour; after it is mixed roll it into a ball. Put on board and roll, then cut in small cakes and bake in moderate oven.

Christmas Cookies (Weinachts Kuchen)—Two pints molasses, six eggs, one-half pound sugar, one pint sour milk, two teaspoons soda, four teaspoons allspice, three teaspoons cinnamon, some nutmeg; enough flour to make into dough stiff enough to roll out. Cut with tin cutters of animals. Cover with frosting and sprinkle with anise seed candies.

Braune Lebkuchen—Three-fourths quart honey, one-half pound sugar, one and one-half ounces cinnamon, one-half ounce cloves, one-fourth pound citron, one-half pound chopped almonds. Add flour to roll out thin. Cut in card playing sizes; ice, adding almonds while soft.

AMONG OURSELVES.

How near it is! Everyone knows what "it" stands for. These days nothing is thought of but Christmas. Everyone is making preparation of some kind—some putting the last touches to little gifts; some trying at the last to do what should have been done weeks ago. There is not time for much in the way of work now, but quite a little shopping can be crowded into the last few days, and a little money can be made to go so far that there is yet time to make Christmas a festival time. The great thing is to catch the Christmas spirit—a beautiful, elusive thing which not infrequently escapes the rich and the prosperous, and often blesses the poor and the lowly. But I have talked about this "With the Editor," let us hear from E. M. S.:

May heaven pity the man or woman who cannot look back over many merry Christmases. When a child, Christmas was to me the happiest time of all the year. I began planning my presents for others long before the time. They generally consisted of something useful and were given with a hope that they might make the receiver happier. As I look back now I believe the true secret of my happiness was that I gave willingly and more often to those who were not likely to get much. In hopes that I may make some children happy, I will tell you of the tree that I enjoyed best. The tree itself was nothing unusual. It was the way we arranged the base—took a dry-goods box about fourteen inches high, made a hole in center in which we put the base of tree and made it solid. Then with rolls of fluffy white cotton covered it and filled in around the sides and ends until we could unroll from tree to floor, which made a beautiful mound in which our tree was standing. This we sprinkled here and there with popcorn, simply because little three-year-old May loved to pick it off. "Not anything, very great!" you say. No. On the contrary, very simple, but I have learned that very often it takes what we might call "simple things" to amuse children, and I believe what made it so interesting to us was the doing it ourselves. At least it is worth trying, mothers. This year instead of tiring yourselves doing everything, let the children help with the preparations for the Christmas festivities. A kind word of advice from you, when needed, will only add zest to the merriment.

Christmas is the children's festival by right of custom immemorial. Surely the children of homes Among Ourselves will be given their proper dues of feasting and merrymaking, gift making and gift receiving, but, lest any be hesitating, let us have a few words further, from Mrs. Alice E. Wells:

Whether the family pocket book be plethoric or lean, whether the home circle numbers two or twenty, and whether they live in city or country, the best endeavor should be given to making Christmas at home a happy event for every member thereof, whether present or absent. Ah! never forget the absent boy or girl, if only to send a piece of mother's home-made cake with a "Merry Christmas" and a "God bless you." It takes more loving thought than money to make home folks happy; which fact is a good one, for love and care are within the reach of us all. Giving and receiving has become the most important joy-giving feature of the Christmas season. The best way is to begin early and during the whole of the year keep our hearts open for the reception of God's best gifts of love and sympathy and "good will to men." Let us appropriate a little blank book especially for Christmas ideas—note therein bright thoughts as they occur—of what would be "just the thing" for a gift to father, or "mother would be glad" to have something like that. You hear Mary wish for a book that is beyond her means of purchasing; record the fact where it will not be forgotten. Jerry's wants are often expressed and must not be neg-



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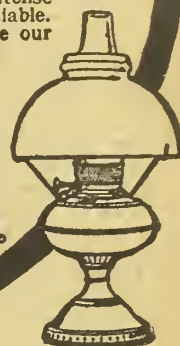
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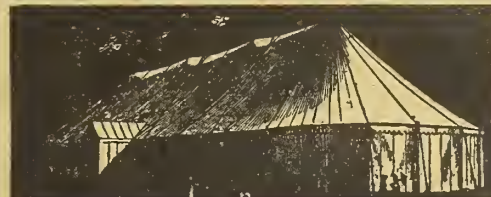
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lected. With a heart filled with "good will" and this little book your mind will not be overtaxed at the last moment with wondering what to do and what to get. We can decorate our walls with holly and mistletoe; load our tables to the "groaning" point with tempting viands and substantial, all stockings and tree with costly gifts; if the Christmas spirit of good will is absent the whole effort is vain. The effect falls far short of its intended lesson. Teach the little ones the story of Jesus and from His life, the blessedness of giving, and living for others. Consult them, as well as the older boys and girls as to the best ways and means of distributing good cheer among less fortunate ones outside the home circle. If the home atmosphere is surcharged with the Christmas spirit, work for others will be a natural overflow and in no danger of being neglected.

Sometimes, do you know, I think we busy ourselves so much with the symbols of Christmas that we almost forget the things the symbols stand for. To do so is to eat the bread and wine of the Lord's Supper, but to miss feasting upon Him by faith with thanksgiving. Perhaps these earnest words from Mrs. Wells will save some of us from such this year.

As I remarked last week we must not allow Christmas to absorb all our attention here Among Ourselves. The friends would not allow it even were I so inclined. Here is a little group all stirred up over Cousin Hardmaster and Mr. R. S. Suppose we pick out a couple to speak for the others. "A West-

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ern Girl" will represent the maids, and Mrs. S. E. O., the wives, who resent the remarks of the men who have so deeply offended many of our women:

I can assure Cousin Hardmaster had his wife her girlhood again she would not choose a husband from the type he represents. For such lose sight of home, happiness and pleasure. For what? The almighty dollar. And when they get hold of it they squeeze it until you can hear the eagle scream from Canada's dominion to the gulf. And do such people ever stop to think of the price they are paying? I am forced to wonder if Cousin Hardmaster knows that it is not the clothes he wears or the dollar he possesses that makes the man. All vegetation dies without water and sunshine. So does love, honor and respect without food for growth. It is time Cousin Hardmaster awoke to this truth, for his wife and children will soon have no respect for him if they still have any. And when his wife has gone to a "better land"—for she cannot long survive under such conditions—he will find out her value when it is too late. And from his children he will reap what he has sown. And he will be despised and rejected not by children alone, but by all who know him. I doubt if Cousin Hardmaster's family really has the necessities.

let alone an organ or piano to cheer their childhood. When they are in homes of their own they will have little happiness to look back upon. Had Hardmaster realized how well the name he chose fitted him I am sure he would never have chosen it.

I have been a silent reader of our Home Department for a number of years. Some questions lately have made me want to get up and say a few words, so here I am. Among Ourselves is a great place to bring out character, some phases of which it is hard to believe existed, or if we did suspect the existence of the species represented by Mr. R. S. and Cousin Hardmaster we did not suppose they would care to air their views in our circle. Not that we are so exclusive, for we are glad to welcome such as Reine's Husband and C. E. K. I hardly understood some of Mrs. Streeter's questions at first, and wondered if there really were any individuals calling themselves men who held women in contempt. (Of course we mean women of good morals.) Can it be there is a kind of man who is utterly careless of his wife's domain? Of her who bears the same relation to the family as the mainspring to the watch? Of her who bears his children, nurses, doctors and cares for them, besides being his cook, washwoman, seamstress, in fact, everything, and is willing when necessary to go out and help him lift his special end of the load? The very easiest that it can be made for us busy farmers' wives is none too good, and you true-hearted men who read this will say to yourselves, "That is so." You may think (to use a homely phrase) that I am laying it on pretty thick for the women, but when Mr. R. S. speaks of woman keeping her place, I wondered what kind of place this world would be if it were not for the women! As to the question, "Why do men stay away from church?" A sincere Christian will not, without a very good excuse, and the picture Mr. R. S. draws of himself—his dress, ten days' growth of beard, etc.—he surely does not want us to think he does it in the name of religion, does he? We are told it was the custom for Jesus to go to the sanctuary on the Sabbath day, so should not that settle it for his followers? I believe with Mrs. Walker, that it is through the mothers we must get rid of these false ideas. Let us teach our boys to be kind and polite to their mothers and sisters, then they will, of course, be so to a wife when they get one.—S. E. O.

It is only once in a while that most of us have the opportunity of seeing ourselves as others see us. When the vision is permitted us sometimes we can hardly endure the knowledge that we look as we do. And, yet, it is good, very good for us to see ourselves so. It is not pleasant to think that we are unlovely, but if we are unlovely it is well that we should know it. Mr. R. S. and Cousin Hardmaster and their relatives should really be grateful to "A Western Girl" and Mrs. S. E. O.

Although Aunt Polly Charles has nothing to say to the two men who have just been taken to task, she has a few words for us which have a bearing upon the subject:

I think it was Mrs. McKerie who asked why a man thought to be saved by his wife's religion. I do not think any man can really think that. Let us pause and consider. How nice it is when husband and wife are agreed on that subject and so order their work that Sunday he indeed "holy" and a day of rest, when they both go with their children to God's house and so strive to bring them up in the nurture and admonition of the Lord. Did we ask before we gave ourselves into their care and keeping if they were like minded with us? If not, we make a mistake and must suffer the consequence of being "unevenly yoked," and perhaps the only hope for us is our consistent life. May God give us wisdom and strength in that case, for it will not often be an easy task. It was asked also, "Should a man be unwilling for us to go away from home and instead of taking us with him say it was the best place for us at home?" No. That would not be courteous and it would really be unkind. A woman needs recreation and relief from the household care and I believe

it is absolutely necessary that she gets it. In what way we must decide for ourselves, for what may bring pleasure to me may not to my sister. It also depends greatly on circumstances when we should and should not stay at home. A husband and wife should mutually agree on that subject. There are times when my husband is from home when I feel my presence there is needed, and when away from home I should not feel happy even with him.

As Christmas is the festival of the home, exalting motherhood and shedding glory upon childhood, there is a peculiar fitness in our having with us this week one who defies the home, placing it above native land or any institution therein except itself. I have pleasure in presenting Donna Juanita:

We should worship the highest work for the highest. It is the highest duty that comes first. A man's highest duty is to the world, the whole of humanity and also a woman. God in his great love has divided the world into families, or we can call them smaller worlds. He has given to each one a little world all of our own, to love, govern and care for until He calls us to give an account of our stewardship. Now, I have never traveled very much, neither have I had the opportunity to read as much as I would have liked, therefore I shall not try to give theories or facts, and as I am only one wee little woman, but with a great big capacity for loving, I shall only try to tell what I feel my first duty to be. You may all sing "Hail Columbia," "The Star Spangled Banner" and "My Country 'Tis of Thee," but to me they never touch the chords of "Home, Sweet Home." Home, the very foundation stone and corner stone of the whole world, the very heart of everything. My very love for my dear ones and my home makes me love my neighbors, perhaps not quite as myself, but I love to be social with them and give them sympathy and help in sickness, in distress and want. Still I have never thought it was my duty to make my husband go without his own dinner while I gave his dinner to another woman's husband. My very love makes me feel my first duty to be to my nearest and dearest. Else why are they mine? My love for my dear ones makes me anxious to do all I can to keep down intemperance and crime, because the less crime and immorality the safer my dear ones are, and man being a money-loving animal, seems to make laws for the benefit of himself and country financially, but I, being a woman and loving my dear ones, look into the details of those laws and can see better than man can the effect the laws have on the welfare of my home and loved ones. And I never hear or see an unscrupulous, drunken sot of a man elected to any public office but I ache—I just fairly ache—to devote my time and energy to have an honorable man or woman placed in that office, not for notoriety and not for the money that is in it, but because those laws govern my dear ones, and I believe it my duty to try to have the best laws made and have them administered by the best people. Yes, I would fight for my country, and as I am a fairly good shot I would really be willing to fight in the front ranks—but not for the number of square miles of land, not for the grand institutions, not for the money that is in it and not for the glory of it, but for this little world of mine away out here in this remote corner of Arizona—this is what I live for. This is what I would fight for and this is what I would die for, and if everyone would do their duty faithfully and honorably to their own little world, keep their own world clean and bright, there would be no need for the millions of mothers attending the big house-cleaning spoken of. But oh, the pity of it—they never all will! And just so long as this old world rolls around, just so long will there be waifs and estrays rambling around from pillar to post steeped in drunkenness and crime for some noble-hearted man or woman to devote their time, love and life in caring for. And I say all glory and honor to those noble souls, and when I think of them it makes me a better woman and makes me try to do my duty more faithfully to my home and loved ones. But if they say it is their first duty, then it must be and it is right for them, but I cannot even pretend to say it is my first duty, for my heart would wander back to my own loved ones and my own home. If you ever lived in a foreign country for several months or a year you know with what joy you turn your face homeward; what joy you feel when you first step foot on your native land, and as you arrive nearer home and meet your acquaintances and friends with what rapture you clasp their hands. But when you stand in the center of your own home by your own fireside, clasped in your husband's arms with your children around you, with their happy welcome, you think "This is my very own, this is love and duty crystallized, the brightest gem I can wear in my heart."

There is an old proverb, which, voicing a self-evident truth, says: "If each before his own door swept, the village would be clean." Unfortunately, as Donna Juanita remarks, a lot of people neglect their dooryards and so make it necessary for some to do more than their share. Most of us here Among Ourselves are so situated that keeping our own dooryard clean is as much as we can accomplish, but we should hold ourselves in readiness to accept new methods and, above all, we should stand loyally by those who are doing double duty in clearing the way for the triumphant reign of the King who came among men as a little child at Christmas time long ago.

Dressmaking and Millinery—No. 548.

Sylvia Silverthorne, Muscatine, Iowa. [All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] The blouse suit in some form is the fashionable garb for the small boy, and in all its



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variations I have noted nothing nobbler than the one pictured in No. 5452, and yet it is very simple and easily made if the pattern is followed. The costume may be made of the simplest materials, or something expensive may be used if intended for very dressy wear only. That the question of the fabric to be selected is the one that gives the small man's mamma very much solicitude is evidenced by the many queries that come to me. "What shall I make my little boy's suit of and how shall it be trimmed?" The present vogue permits so much variation in the selection that the question is easily answered, and one may select from any of the heavy weight cottons even at this season of the year, or from the medium weight wools, in plain or mixed colors, or in the plaids or in white or cream. Always the latter are fashionable for dressy wear for boys of this age, for winter or for summer. In a garment like the blouse pictured, one may

flar to the one illustrated. The knickerbockers should be of the same material as that used in making the blouse. The belt may be of the costume material or a leather belt may be used instead, and always it should be so fastened on the garment that it will retain the fashionable "drop" at the front. Pattern No. 5452 is cut in sizes for boys of 2, 4 and 6 years of age. Be very careful to give age when ordering pattern, and do not ask for it in other sizes (or ages) than those given.

No. 5524 illustrates a very simple and yet modish dress for girls from six to twelve years of age, but while so simple it yet permits as much elaboration as one is apt to wish for on such a garment. The lines are graceful, the front suggesting the princess, but the skirt and waist portions are cut separate except at the immediate front, then they are joined in a seam which is concealed under the belt that is a shaped one, and may be made of the dress material or of whatever is selected as trimming. The waist has a lining on which the chemisette is arranged, and this may be of lace as shown or of whatever may be selected for the purpose. The sleeves



[5452 Boy's Blouse Suit, 2 to 6 Years.]



[5524 Girl's Dress, 6 to 12 Years.]

are shown pleated at the wrist, but they may be gathered if preferred. Cuffs finish the sleeves. Pattern No. 5524 is cut in sizes for girls of 6, 8, 10 and 12 years of age.

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PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range
Among the pleasant fields of Holy Writ
I might despair.
—Tennyson.

The International Sunday-School Lesson.

Fourth Quarter. Lesson XII. Luke XXIV, 36-53, December 23, 1906.

Jesus Ascends Into Heaven.

Only by matching Scripture to Scripture will we have a complete delineation of this transcendent scene. Take, for example, the closing verses of the gospels of Mark and Luke, the opening paragraph of the Book of Acts and Psalm lxxviii, 7-18.

On a certain day, conspicuous and memorable, last of the forty mystic days since His resurrection, Jesus led His disciples to well-remembered Olivet. Together they went down into the deep chasm and across the Brook Kedron, past Gethsemane, place of agony and betrayal, along the oft-trodden road, the very way by which, strewn with garments and palm branches, He had approached the city in triumph, and so on toward Bethany.

The text in Acts reads, "And being assembled together with them;" the margin reads, "Eating together with them." This was the real "last supper." Under some grateful shade, beside some brimming fountain, they sat.

The ten recorded appearances, and the many not recorded had helped to wear away in good part the preternatural character of the risen Savior's associations with His disciples. So that this last instance of personal contact was preeminently natural, social and solacing.

Under these favorable conditions, Jesus' last commands, which are of inexpressible importance, are now communicated. Personal safety would have suggested to the disciples immediate flight from Jerusalem. Two days would have taken them to happy Galilee, with its comparative security—far from the melancholy scenes of the Savior's betrayal, humiliation, and death. But Jesus offsets the dictates of heart and flesh with His direct command that they should not depart from Jerusalem. He promises the effusion of the Spirit. Here inveterate racial prejudice intrudes the question whether this is the time when the kingdom will be restored to Israel. Jesus' patience is unending. He shows how an exclusive pride of race can have no place in the world-wide dimensions of His coming kingdom.

Frederick W. Robertson has spoken discriminating words upon progress by "oblivion of the Past." But there is also a helpful oblivion of the Future—there is a blessedness in not knowing "times and seasons" with absolute precision. The disciples are encouraged by the affirmation that the kingdom is near. They are not told how near in order that they may be alert.

It is surprising to notice that the com-

mentators magnify the resurrection of the Lord at the expense of His ascension. Among all the lives of Jesus, scarcely one devotes more than a single paragraph to the latter scene. This is philosophically wrong. The whole life of Jesus was an ascending scale. It was progressive and cumulative. The last scene on Olive's brow was a splendid golden climax and triumph of the inspiration of which the Church ought not to be robbed.

The last attitude in which Jesus appeared on earth was that of hands outstretched in benediction. "And He lifted up His hands and blessed them, and while He blessed them—" Could anything be more significant? The whole tenor and purpose of His life was to bless. What mute significance in this last act and attitude.

While in this very act He was parted from them—literally, "He stood aside from them"—as the minister stands apart from his congregation in plainest view of all. Every disciple had an equally favorable opportunity to witness the spectacle. Every eye beheld Him. While His hands were still extended in benediction He was "taken up"—possibly by a convoy of angels. "The chariots of God are twenty thousand, even thousands of thousands."

Again, a cloud received Him out of their sight. No ordinary cloud, this! A royal chariot of fire awaited Him who makes the clouds His chariot. This was the shekina, the effulgent flame of the Divine Presence. The glory of God the Father covered the retreating form of God the Son. This was a spectacle, the majesty of which shall only be equaled by the "second appearing of the great God and our Savior."

No wonder that as the apostles gazed upon the ineffable scene they worshiped they burst forth into adoration and praise. Thus they stood long after the radiant spectacle had vanished. They were riveted to the spot. They gazed wistfully into the heavens as if they longed to follow their ascending Lord or to see Him return.

Jesus, even in the midst of His triumph, was tenderly mindful of His disciples. He detached two of the angels from His train and dispatched them to break the spell which held the disciples as if in chains. How tenderly these ministering spirits, in their bright festive garments, accomplished their task! There is just the gentlest possible rebuke of this continued and wistful gazing, and there is joined to it the delightful and inspiring promise of Jesus' sure return in equal glory.

And now, the spell broken, the disciples take their Sabbath day journey from Bethany into Jerusalem, "with



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great joy, praising and blessing God."

Analysis and Key.

1. Last of forty days. Approach to Olivet. Last meal en route. Preternatural character of Jesus' presence reduced by contact.

2. Last commands. Flight to Galilee natural course. Departure from Jerusalem enjoined. Effusion of Spirit promised. Racial pride shown to be inconsistent with world-wide kingdom. Progress by oblivion of the Future.

3. Resurrection of Jesus magnified at expense of ascension. Latter dismissed with single paragraph; philosophically wrong. Jesus' life—progressive. Ascension, golden goal.

4. Last attitude—benediction.

5. Parted and received.

6. Apostles worship and gaze. Angels break their spell.

The Teacher's Lantern.

An old legend says St. Luke was a painter as well as a physician. Whether that be true or not, he shows genuine though unconscious skill in this delineation. He paints with words if not with pigments.

Jesus talked about the things pertaining to the kingdom of God in the last moments with His disciples. The things we consider supreme are the things we talk about. Not talk in the sense of philosophizing, but with a purpose that the end be accomplished.

Christ's words are spirit and life—"Breakers ahead! starboard hard!" How

meaningful such words to imperiled passengers. They are spirit and life. But not more so than Jesus' words.

The architect may be dead in the crypt and the cathedral still go on building according to his plans. But our Master Builder ever lives and directs His ever growing structure.

He did not give His disciples history, but He bade them make it.

The vertical power of religion in the heart measures its horizontal power in the world.

The visible ascension was necessary. Those who were to preach a risen Savior must needs know what had become of Him. They must know it by their physical senses.

The ascension was the correlate of the resurrection.

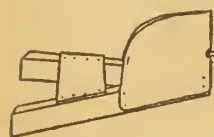
NOTICE.

When you write your friends in North Dakota advise them about the low-rate tickets on sale now for home visitors to Iowa points—one and one-third for the round trip. Don't forget to tell them that the Chicago Great Western Railway is the only line which has three trains every day in the year between St. Paul and Minneapolis and Iowa points. Complete information from E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

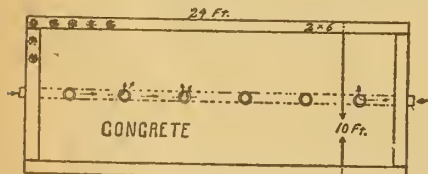
HOLIDAY RATES VIA M. & ST. L. R. R.
On December 20, 21, 22, 23, 24, 25, 30 and 31, 1906, and January 1, 1907, the Minneapolis & St. Louis R. R. will sell excursion tickets to all points in Iowa, Minnesota, Wisconsin, South Dakota, North Dakota and to many points in the South and West at one and one-third fare for the round trip. Final return limit Jan. 7, 1907. Purchase tickets at City Ticket Office, 512 Walnut St., or Union Station. D. B. Ransburg, City Pass Agent.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

The spirit of railroading pervades the heart of many a farm boy. This simple sketch of a small snow plow shows how one boy has solved one of the phases of travel on the farm. For forty years perhaps his father has waded the banks and worked hard with the scoop, to clean a path to the barn and out-buildings. With a horse and a simple wedge-shaped sheet-iron protected snow plow a path can be made to the mail box and every other building on the farm in so short a time that it is more like play than work.



This illustration entails a problem in corn crib floor construction. One of our subscribers, Mr. J. B. Abell, Christian county, Ill., desires to have his plan discussed by our readers who have had experience along these lines. The plan is to use hedge posts two and a half feet long, setting them in the ground every two feet apart to support the sill, which is a 2x6 oak timber. The hedge posts are set deep enough to allow the sill to come within four inches of the surface. Next a line of sewer pipe is laid from end to end of the floor with a pipe or T joint leading upward every three or four feet. The space enclosed by the sills is then ready to be filled with concrete. The holes around the hedge posts are filled and when finished the floor should be on a level with the sill covering the sewer pipe and leaving the T's level with the surface. The idea is to have a substantial floor under which rats cannot work. The sewer pipe is intended to supply ventilation. Screening over the tops of the T's keep vermin



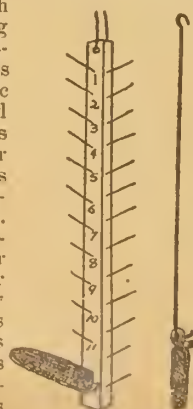
from entering. The following questions are asked: Will the sills hold the sides from bulging at the floor line? Is the floor thick enough to support the weight of the corn? Will plenty of ventilation be afforded? This last question is the important one. Considering the width of the crib, it looks rather doubtful if corn would keep except under the very best conditions. However, we leave the question open for discussion. The crib is 10x24 feet.

A very handy and simply made grit box is one made after the pattern shown in the illustration.



The grit is placed in the feeder from the top and will hold a peek, more or less, depending on the size, which may be made to suit the needs. At the bottom the grit works out and is there picked up at will by the poultry. The box is made with a hook on the back and may be placed against the wall wherever convenient.

Two devices for hanging and drying seed corn which have proven valuable on many farms, are represented in the drawing. The one is simply a heavy iron rod or wire with a hook for hanging and one at the bottom to hold the ears from slipping off. The first ear is attached by the husk, as is each succeeding ear until the top is reached. We are under obligation to Mr. L. K. Russell, Nodaway county, Mo., for this hint. The other device is made by driving finishing nails into the four sides of a strip two inches square and of any desirable length. This latter probably allows a better circulation of air and may be used when husks



have been removed. It gives the further advantage of being less attractive to mice and other vermin which are always looking for a place to work mischief. Ears can be removed with more ease when it is wished to test them. While this may find many readers with their corn already hung, we trust it will be a reminder to those less provident to get that precious seed corn where there can be no doubts as to its wintering well.

The man who milks from five to ten cows every morning and evening will appreciate a device in the form of a comfortable stool which will give free use of both hands and save time as well, says "The Farmer." The idea of strapping the stool around the waist will be conveyed to the reader at once. The up-rights from the stool to the belt loops are preferably of stiff or sole leather. A padded top on the seat adds comfort. The device, however, may have the disadvantage to many milkers of not being able to serve as a reminder to "Spot" to "staud over."

"A simple and effective way of making wire cable," writes Mr. S. E. Clippinger, Mercer county, Ill., "is shown in the illustration. Number twelve wire is or-



dinarily used. The strands are measured off somewhat longer than the desired length of cable. At one end they are attached to a post. The other ends are tied to the circumference of a wheel on the corn-sheller or any similar wheel that can be turned. A wagon wheel could be jacked from the ground and used. Cable can be twisted as desired and finds many uses on the farm, especially in grubbing and hedge and stump-pulling."

SOME MORE ON THE CORN SCORE CARD.

An article appears in this issue on the value of the score card in selecting seed corn from Prof. A. M. TenEyck, of the Kansas Agricultural College. We desire to call special attention to that article, because there are few men who are better qualified to cover the subject than Professor TenEyck. The data he gives is based on sound experimental evidence, and any man who is specially interested in the production of good corn will get some sound notions from Professor TenEyck's article.

As a rule, we do not ask our readers to peruse as long an article as this, but the subject could scarcely be covered in less space, at least it could not be covered so thoroughly, and we speak for it a careful reading.

The Homestead feels that it cannot do better than keep the subject of corn improvement before its readers, and in having station and college men discuss it we believe that we are going directly to the fountain head. However, this discussion during the winter will be taken part in by those who are especially interested in the practical side of corn improvement; that is, those whose livelihood depends upon the production of good corn. If there are any opinions advocated or expressed by Professor TenEyck that do not accord with the ideas of our readers, we shall be pleased to have them take up any phase of that question and discuss it through these columns. Only in this way can the subject be thoroughly thrashed out, and men who are just starting in the business of breeding good corn be led to sound conclusions.

Anent Farmers' Bulletins.

The total number of farmers' bulletins issued during the fiscal year was 437, of which 404 were reprints, and the total number of copies issued was 6,568,000.

The demand for farmers' bulletins by senators and representatives, who, under the law, are entitled to 80 per cent of the whole number printed, has been so much larger than usual that practically none were left to carry over to the present fiscal year. There being therefore no surplus available and the appropriation for the current fiscal year

being no larger than formerly, the number available for each congressman will, this year, be greatly reduced. The department of agriculture therefore felt obliged to include provision for an increase in the number of these bulletins in estimates for the ensuing year. The number of copies of farmers' bulletins distributed during the past year on congressional orders aggregated 5,279,476.

The demand for the publications of this department continues to increase more rapidly than it is possible to meet them. The policy followed in the past of continuing the distribution after supplying the regular divisional lists, including libraries, agricultural colleges, and stations, exchanges—foreign and domestic—and persons actively co-operating in the work of the department, to all miscellaneous applicants until the edition was exhausted, and then ordering a reprint to satisfy further demands, while perhaps the best method to be pursued in any plan of unlimited gratuitous distribution, was found very unsatisfactory.

In the first place, the funds at our disposal precluded the possibility of unlimited reprints, and thus, while a great many persons were supplied who undoubtedly did not need the publications they asked for, a large number of persons to whom the publication would prove useful were unavoidably left unsupplied, including very often persons whose services to the department gave them a special claim on us for our publications. Such a plan might have been satisfactory enough in the days when the demand for the department's publications was restricted, though even then it was wasteful; but at the present time to undertake to supply all miscellaneous applicants—and this is the only fair way if the principle of gratuitous distribution is to be accepted—would involve a cost far exceeding any sum which congress is likely to provide. In the face of the difficulty thus presented to me for solution, I concluded to abandon any attempt at general gratuitous distribution of all department publications other than farmers' bulletins

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Are you worse in damp weather?
Do you blow your nose a good deal?
Are you losing your sense of smell?
Does your mouth taste bad mornings?
Do you have a dull feeling in your head?
Do you have pains across your forehead?
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Answer the questions I've made out for you, write your name and address on the dotted lines in the Free Medical Advice Coupon, cut them both out and mail to me as soon as possible. 'Twill cost you nothing and will bring valuable information. Address Catarrh Specialist SPROULE, (Graduate in Medicine and Surgery, Dublin University, Ireland, formerly Surgeon British Royal Mail Naval Service, 473 Trade Building, Boston.

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Don't waste any more time—energy—money, in trying to conquer it with worthless nostrums.

Don't think it can't be vanquished just because you have not sought help in the right place.

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Catarrh is more than an annoying trouble—more than an unclear disease—more than a brief ailment. It's the advance guard of Consumption. Neglected Catarrh too often becomes Consumption. It has opened the door of death for thousands. Take it in hand now—before it's too late.

I'll gladly send you a careful diagnosis of your case and give you free consultation and advice. It shall not cost you a cent.

Let Me Tell You Just How To Cure Catarrh

Let me show you what I'll do for you entirely without charge. Thousands have accepted this offer—today they are free from Catarrh. You've nothing to lose and everything to gain. Just for the asking you'll receive the benefit of my twenty-one years of experience—my vast knowledge of Catarrh and the way to cure it.

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Catarrh Specialist SPROULE, Trade Building, Boston, please send me, entirely free of charge, your advice in regard to the cure of Catarrh.

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and circulars.—Report Secretary of Agriculture.

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VERY LOW RATES TO DENVER, COLO., NATIONAL AND WESTERN LIVE STOCK SHOW.

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THE VALUE OF THE SCORE CARD IN SELECTING SEED CORN.

By A. M. TenEyck, Kan. Agricultural College.

The study of corn by the use of a good score card should be a valuable aid to the farmer in selecting seed corn. The purpose for using the score card in the study of corn is not especially to select "nice" ears, but rather to select the "useful" ears of corn. Every point named in the score card used at the Kansas Agricultural College is a utility point and is related to the vitality, hardness, composition or productiveness of the corn. True, an ear which scores high is a nice ear of corn in appearance, and "nice" ears of corn are not always necessarily "good breeders," but I believe that it is generally true that "good breeders" are "nice" ears of corn, because well-formed ears and well-developed kernels (as required by the score card) are certainly associated with large yields and a good quality of grain.

However, this fact is as true in plant life as in animal life, that the value of an individual as a breeder can be actually determined only by the production of offspring. By planting the kernels from individual ears of corn on separate rows it is possible to study the characteristics of the corn and determine the yield and the quality of the crops produced, thus discovering which are the best producing ears, and by selecting seed from the highest-yielding rows for future planting the yield may be increased and the corn made more uniform in type and better in quality. The final test of a good ear of corn is to plant the seed and secure the crop, but the score card is a great

inferior in quality and type, and this is true of corn also. An ear of corn may be large and well-formed and of good quality, but if it is mixed in breed there is no assurance that the mixed grains, when planted, will produce true and again give a large yield of desirable ears. However, if pure-bred corn is planted, it should under favorable conditions produce its kind again almost exactly. Hence the importance of requiring seed corn to show strongly the points which denote purity in the variety or breed.

The "standard of perfection" for different breeds or varieties of corn differ very slightly in the essential points required in a "good" ear of corn. In fact, the points in the score card which distinguish type or breed are not "fancy" points, but "utility" points, which largely determine the value of corn for seed, whatever the variety.

In shape the ideal ear of corn should be cylindrical or very slightly tapering with straight rows of kernels and a proportional length to circumference of about ten to seven. The cylindrical shape allows for the same number of kernels

in all parts of the ear. In a tapering ear, either some of the rows run out, or the kernels become small and shallow near the tip of the ear, which makes less weight of shelled corn per ear and a number of kernels of irregular size and shape, which will not permit of even distribution with the planter. Likewise, straight rows are necessary in order that all of the kernels in an ear be of uniform size and shape.

Ears which are long and slender usually have shallow kernels and give a relatively small percentage of grain, while ears which are large in circumference and short, often have very large cobs with shallow grains and large shanks, which cause the ears to break off hard in husking, or if the grains are very deep, such ears are often late in maturing and are apt to yield light and chaffy corn.

Perhaps the form of an ear of corn should be allowed to vary from the proportions given above, but this is the standard generally adopted by corn breeders. The "standard of perfection" requiring a certain length and circumference in an ideal ear of corn of a certain variety is not for the purpose of limiting the size of the ear of corn or of decreasing the yield, but rather to train the ears to grow larger and more symmetrical in form, resulting in larger yields of corn of better quality. The pure-bred ear of ideal form is a large ear of corn for that particular breed or variety. If this is not true, then the standard is not high enough.

Similarly as the color points in pure-bred live stock denote purity of blood in the individual, so the proper color of grain and cob in corn indicates freedom from mixture with other varieties

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and insures the reproduction of the same type of ear and kernel when such corn is planted and grown.

It is essential that the kernels be uniform in shape and size in order that the corn may be planted evenly, and thus insure a perfect stand. A deep or medium deep indentation appears to be associated with a long kernel and uniformity in indentation is a strong indication of purity of breed. All pure-bred varieties of corn are required to have kernels of medium or medium-deep indentation, and this character indicates a capacity to produce large yields.

PROPORTION OF CORN TO COB.

As already shown, the shape and size of the ears are important factors in securing large yields of corn, also the ears should be well developed at the butts and tips. The shank should be of medium size and the kernels should swell out about the shank in regular order, with straight rows of uniform kernels. Likewise the tips of the ears should be filled out with straight, parallel rows of uniform kernels.

If we can breed corn so as to add one more kernel to the ear, (estimating 100 ears of 900 kernels each, per bushel) it would add every year nearly 200,000 bushels to our average Kansas corn crop.

The proportion of corn to cob and the yielding capacity of corn depends not only upon the shape and finish of the ear, but even more upon the depth and form of the kernels. A well-formed kernel should be almost rectangular in shape, tapering slightly toward the tip, with straight edges so that the adjoining kernels on the ear may fit together perfectly from the tip of the kernel to the crown, leaving no space between the kernels. The length of a well-formed kernel should be at least twice its width and the cross-section should be a rectangle, with the thickness about one-half the width.

There is no objection to a rather large cob in an ear of corn, provided the cob is covered with many rows of deep, well-formed kernels. In fact, a small cob is objectionable because if the kernels on a small cob are as long as they should be to give a large percentage of corn to the ear, they are necessarily too tapering, inclining to the shoe-peg shape, or chaffy type of kernel. Again, a medium large cob is necessary in order to give body and firmness to the ear. Perhaps also a large cob is associated with greater vitality and hardness in the plant. This seems to be true in the West where small-cobbed varieties from states farther east do not succeed so well as the "native" or naturalized varieties, which usually grow a larger ear with a larger cob.

It is essential to have a broad tip in a kernel, not only to give firmness and weight to the ear, but also to give room in the kernel for a large germ. The germ contains the embryo plant, and a large germ in the kernel indicates strong vitality and power to sprout, even under adverse conditions, and produce hardy, vigorous plants. The narrow, wedge-shaped kernels cannot have so large a germ as the broader, rectangular kernel, and is therefore more apt to be deficient in vitality.

COMPOSITION AND FEEDING VALUE.

The chemist finds by analyses of the substances composing the different parts of a kernel of corn that the germ contains a large part of the fat or oil in the kernel and a considerable propor-

tion of the protein. The white, floury part is largely starch and the part least valuable for feeding. The hard, clear, flinty portion of the kernel is also largely starch and contains little fat, but contains a larger percentage of protein than the floury part. It is important, therefore, in breeding corn for higher feeding value to select ears for seed which have kernels with large germs and a considerable amount of the hard, clear matter at the edges and back of the kernel, and a relatively small proportion of the white, starchy part which occupies the crown of the kernel and surrounds the germ.

The protein is very necessary, and a valuable part of the feeding ration, yet it is doubtless much cheaper to supply it in alfalfa or clover than in corn. Also there may be a tendency to make corn harder and less desirable for feeding whole to stock, if the seed is selected too closely for a large proportion of the hard, clear, flinty part in the kernel. (Millers have informed me that "hard" corn makes the best quality of corn meal.) Experiments have shown also that it requires a "high protein" soil to produce "high protein" corn, while larger crops of "low protein" corn may be produced on soil deficient in fertility. On the other hand, alfalfa, or clover, is a cheap, protein feed, since the crop takes the nitrogen, the principle constituent of protein, largely or wholly from the air and, in fact, the nitrogen supply of the soil may be actually increased by growing alfalfa or clover, which makes it far more desirable than corn as a crop to furnish protein for feeding live stock.

It is, therefore, much more important to select for a large germ in seed corn than for a large proportion of the flinty part of the kernel. It costs the farmer no more to grow "high oil" corn than "low oil" corn, since the oil is composed of oxygen, hydrogen and carbon, elements which are supplied wholly from the air and from the water used by the growing plant; thus the production of more fat in corn makes no added drain upon the soil fertility. Likewise, a large germ in the seed kernel portends strong vitality, good stand and a large crop.

VALUE FOR SEED.

All of the points in the score card relate to the value of the corn for seed, but a special score is made on the vitality of the corn as indicated by the maturity and clear, live color of the kernels and by the large, bright germs. Worm-eaten, mouse-eaten, cracked or otherwise injured kernels may not germinate or at least may be impaired in vitality. As already described, a large germ in the kernel indicates greater capacity to sprout and to produce strong, vigorous plants.

Although an experienced judge may determine the value of seed corn very closely by examination, yet the final proof of the value of the ear for seed is to test the germination of the kernels. In breeding corn at the Kansas Experiment Station, by testing the germination of the kernels from individual ears we have often found ears of corn which did not give a perfect germination, although there was no evident lack of vitality in the appearance of the ears or kernels. In most cases, the seed corn had been carefully saved and dried, and all of the ears had been subjected to practically the same conditions.

This is an indication perhaps that

STUDENTS' SCORE-CARD FOR CORN, AGRONOMY DEPARTMENT, KANSAS STATE AGRICULTURAL COLLEGE.

Trueness to Type or Breed Characteristics:

1. Shape of ears: Cylindrical, straight rows, proportional length to circumference	10
2. Length of ears, conformity to standard	5
3. Circumference of ears, conformity to standard	5
4. Color:	
(a) Grain, no mixed kernels	5
(b) Cob: White kernels, white cob; yellow kernels, red cob	5
5. Uniformity of kernels: Uniform size, shape, indentation	10
	40

General Quality, as Related to Yield, Feeding Value and Vitality of Seed:

Proportion of corn to cob as indicated by:	5
1. Butts of ears: Kernels swelled out about the shank regularly	5
2. Tips of ears: Filled out with regular-sized kernels	5
3. Kernels:	
(a) Shape: Wedge-shaped	5
(b) Depth: Deep or long	10
4. Space:	
(a) Furrow between rows	5
(b) Space between kernels at cob	5
	35

Composition and Feeding Value:

Large germ and horny layer, and a relatively small amount of the white, starchy portion	10
	10

Market Condition and Value for Seed:

1. Vitality: Bright, well-matured kernels, firm on cob, large bright germ	10
2. Soundness or freedom from injury: No cracked, rotten, worm-eaten, or otherwise injured kernels	5
	15

Total	100
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aid in selecting the good ears of corn for planting.

By the score card used at the Kansas Agricultural College, corn is studied or judged under two general sub-heads or divisions of the subject, namely: "Trueness to Type or Breed Characteristics" and "General Quality, as Related to Yield, Feeding Value and Vitality of Seed."

TRUENESS OF TYPE OR BREED CHARACTERISTICS.

The purity of the variety or breed of corn is indicated by the form, size, color and general similarity of the ears and by the color and uniform shape, size and indentation of the kernels, always in conformity with the standard of perfection required in a pure type of the variety of corn judged. The score on these points is 40 per cent of the total score, and at first thought the farmer is inclined to believe that too much importance is given in the score card to the matter of breed and trueness to type. Every breeder of live stock knows that in breeding pure-bred stock it is very important that the individuals bred together shall be of pure blood in order to insure the production of offspring true to the type or breed, and often the so-called "fancy" points of color and form in animals are given great prominence as indicating purity of blood and the capacity of the animals to reproduce their exact kind when bred again.

It is true that the first cross between pure-bred animals of different breeds may often result in producing an excellent individual, but if the crossing is continued by breeding together the cross-bred animals, then the stock is very apt to deteriorate and become

there are invisible, but inherent characters in corn which relate to its quality, vitality and productiveness not brought out in the study of corn by the use of the score card. Still further proof of this is found also when the kernels of the most desirable ears are planted in separate rows, as is the practice in breeding corn by the "ear row" method, so that the product of each ear may be kept separate, the yield determined and the quality and type of corn produced from individual ears carefully observed.

In four years' trials in breeding corn by the "ear row" method at the Kansas Experiment Station, in which we have tested as many as 300 individual ears of seven different varieties of corn in a single season, we have not grown a crop in which the highest producing ear of a certain variety has not given one-third greater yield than that secured from the poorest producing ear in the test, in spite of the fact that all of the ears used were carefully selected as being the most desirable ears from which to breed. The first year that the selection was begun, variations in yield have been much greater, reaching more than 400 per cent in 1903 with a certain variety, the yields from the same area of land planted with seed from individual ears ranging from nineteen to seventy-nine bushels per acre. It should be remembered that these enormous differences in yield were secured by planting the choicer ears of a certain variety and not by comparing the less-desirable with the more-desirable ears.

Similar differences are observed in the quality and type of the corn produced from different ears, the score of the product ranging from 30 to 80 per cent as judged by the use of the score card, and we have observed this, that with few exceptions the high-yielding corn is also the corn which scores high. I made a very careful note of this point this season, and in examining some 250 piles of corn spread out on a large floor, the product of 250 different ears of seven different varieties, it was usually easy to observe without scoring the corn that the largest piles contained the breediest and most uniform looking ears.

This season trials were made with two varieties of corn in comparing the yields from seed selected from the high-yielding ear-test rows with the first-grade seed (choice ears) selected from the general field. The varieties of corn used were the Silvermine and the Hildreth. With the Silvermine the yield from the general field seed was 40.15 bushels per acre; from the high-yielding-rows seed, the yield was 52.15 bushels per acre, or twelve bushels in favor of the seed from the high-yielding rows. It was also observed that the high-yielding-rows seed produced more uniform and better ears than the general field seed, the average yield of first-grade seed ears being 32.6 per cent in favor of the high-yielding-rows plot.

At the Kansas Experiment Station our purpose has been to improve corn by careful selection of seed ears and

breeding plants. I have made a few experiments to prove, by comparison, what may be accomplished by breeding corn, being satisfied that the corn which we are handling is steadily improving, both in yield and quality. There have been experiments made to show the effect of breeding for opposite types or characters by seed selection, notable results having been obtained in breeding "high protein" and "low protein" and "high oil" and "low oil" corn at the Illinois station. The United States Department of Agriculture has also undertaken some interesting experiments with reference to changing characters in corn and these experiments have shown that any reasonable change in corn may be made in a few years by seed selection and keeping the corn pure in breed. Namely, such as changing the height of the ear on the stalk, form of ear, type of kernel, composition of kernel, etc. There is no question but that such changes may be readily brought about by careful seed selection of ears, with especial reference to the character desired. It is also doubtless equally true that few of the improved characters bred into corn remain as permanent characters of the corn unless great care is taken to keep the variety pure and to continue the careful selection of the seed.

Breeding corn also includes much more than simply the selection of seed ears. The planting and cultivation of the seed crop, the selection of the breeding plants by detasseling the inferior and undesirable types, cross fertilization and the introduction of "new blood" to maintain the health and stamina of the breed, and the final selection of the seed ears in the field from the most vigorous and most uniform plants, are very important factors in corn breeding which I may discuss later in another article.

A Splendid Book on Alfalfa.

It is doubtful if any man in the corn belt has done as much teaching favorable to the growing of alfalfa as Mr. F. D. Coburn, secretary of the Kansas State Board of Agriculture. In season and out of season Secretary Coburn has been advising men to grow alfalfa. He has been the means, through his teaching, of settling thousands of families on alfalfa lands in Kansas that were formerly regarded as worthless, and these families today are happy and prosperous.

Secretary Coburn has recently put the results of his long alfalfa experience into book form, and it makes a work of 334 pages. Of course many of our readers are already familiar with Mr. Coburn's former book on the subject, but this one goes into it so much more extensively and, without question, brings the subject up to date. It is illustrated and practically every illustration is taken from an actual photograph, and nothing has been left to the imagination. We have been unable to find, upon examining the book, a single phase of the alfalfa question that is not discussed in detail.

The Homestead offers this book of Mr. Coburn's for sale at its regular price.

The Best Time for Sows to Farrow.

To the Editor of The Homestead:

Of late years I have purchased from neighbors aged thoroughbred boars about Christmas time. They are very much cheaper then and I can see their last season's pigs and know what to expect. My very early pigs have caused me as much bother as the late fall pigs, so I like to have them arrive about the last of April and before the 1st of November. We seldom have very cold weather here before the new year, so if the pigs have dry beds and the freedom of the farm, except the manure pile and dooryard, they will do well on the alfalfa, clover and timothy meadows, corn shocks, etc. I attribute my poor luck with pigs last season to poor fences. The old sows knew how to pry off boards and lift gates. They ate with the fattening hogs too often and were among the steers too much. Fences should be good if old sows are kept. Their pigs are usually the best and there will not be many of the pigs killed if the sows do not weigh more than 400 pounds.

I dislike to take on extra chores in February and March, because an overcoat or muddy feet make me slow, and at that time of year little pigs need extra care if they are expected to be nearly as good at three months of age as pigs farrowed two months later.

Chas. A. Babbit.

Brown county, Kan.

THE NORTH-WESTERN LINE

First-class daily through service from Des Moines to Council Bluffs, Omaha, the Black Hills, Wyoming, Colorado, Utah and the Pacific Coast on the west; to Sioux City, Mankato, St. Paul, Minneapolis, Superior and Duluth and all points in North and South Dakota, Minnesota, Northern Wisconsin and Michigan on the north, and to Chicago, Milwaukee, Peoria and the east, over

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NEW TOWN—on the Watertown-Missouri River extension of the Minneapolis & St. Louis R. R. in South Dakota. In the heart of the famous Jim River Valley. Country around Brentford is well settled and it will be one of the best of the new towns on the line. Offers excellent business opportunities. Place has received a wonderful impetus from prominent South Dakota business men in the vicinity who have invested and have organized a commercial club to boost the population to 1,000 in six months. It is a market for a million bushels of grain. Has an exclusive territory covering an average radius of twenty miles. Rails are laid into the town. Already has two brick banks, three brick stores, five elevators, 150 residence lots sold. First residence will cost \$4,500. For particulars go to Brentford, or address Commercial Club, Brentford, S. D., or Thos A. Way, Townsite Agent, M. & St. L. R. R., Aberdeen, S. Dak.

HOMESEEKERS' RATES VIA CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month this winter the above railway will sell homeseekers' tickets to points in states of Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Idaho, Indian Territory, Iowa, Kansas, Kentucky, Louisiana, Mexico, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, Tennessee, Texas, Utah, Virginia, Wisconsin, Northern Michigan and Wyoming at rate of one fare plus two dollars for the round trip. To some points in the South and Southwest a flat rate of \$23 is made, which is less than the regular one way rate. Tickets have limit to return of twenty-one days to some territory and thirty days to other and allow stopovers in homeseekers' territory. For full information address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOMESEEKERS EXCURSIONS.

The Iowa Central will sell round trip excursion tickets every Tuesday to points in Minnesota, Wisconsin, the Dakotas, Manitoba, Saskatchewan and the Canadian Northwest, and on the first and third Tuesdays of each month to points in the South, Southeast, West and Southwest. Rate one fare plus \$2. Liberal limits and stop-over privileges. For rates and further particulars call on agents or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer C. T. A., 514 Walnut St., Des Moines, Iowa.

SPECIAL OFFERS FOR THE HOLIDAYS.

On December 20, 21, 22, 23, 24, 25, 29, 30, 31 and January 1 the Chicago Great Western Railway will sell special round trip tickets to points in Arkansas, Colorado, Illinois, Indiana, Indian Territory, Iowa, Kansas, Michi-

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To the man who is in search of a home, no better opportunity can be offered than the Low Homeseekers' Rates in effect, via the

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To many points in Western Kansas, Nebraska, Colorado, Wyoming, Montana, Utah and Idaho.

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Des Moines - - Iowa.

gan, Minnesota, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, Texas, Wisconsin and Wyoming at rate of one regular fare plus one-third, tickets having limit to return of January 7, 1907. On December 20, 21 and 22 tickets will be on sale to Mexico City and return at one fare for the round trip with thirty days limit to return. Also, remember that homeseekers tickets are on sale December 18th to southwestern and southeastern points at very low rates. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

EVERY DAY

This winter the Chicago Great Western Railway will sell tourist round-trip tickets to points in Alabama, Central America, Colorado, Cuba, Florida, Georgia, Louisiana, Mexico, Mississippi, New Mexico, North Carolina, Porto Rico, South America, South Carolina, Tennessee and Texas at very low rates. Tickets have limit of June 1st, to return and allow some stopovers. Call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa, for full information.

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneida and south as far as Blackton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

FOURTEEN FOR ONE FOR X-MAS!

To introduce in American homes our splendid pictures of the scenery in the Rockies—the snow-clad peaks under the blue skies of Colorado, we make a most extraordinary offer for this X-Mas.

We will send, postpaid, on receipt of only one dollar, six large, fine pictures—ready for framing, of the most beautiful scenery in the states, and as a premium a splendid, guaranteed fountain-pen, the like of which you cannot buy anywhere else for less than \$2.50. This is \$4.00 worth for one.

But this is not all. To the first 100 customers, who mention our ads, we will further give FREE a splendid stickpin set with a pure gold nugget, right out from the treasure chests of the Rockies, with a gold value of \$10. Thus you can get \$14 for one.

Our pictures should be in every home, our pens in every pocket and if you order promptly, you will own that splendid stickpin of pure gold.

Old and young will think it the greatest X-Mas present of the year. Address,

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A COMPLETE shop in one set. Every farmer, and shopman needs it. Files, tin snips, pruning shears, alligator wrench, leather punch, etc. Made from forged tool steel and warranted. Write for circular at once, or send \$3.50 for complete set. Add 50 cents for nickel plate.

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"The people that supply Farmer's Telephone Companies with everything they need."

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Jan. 11, Fairchild & Stevenson, Onawa, Iowa.
 Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mt. Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Collicott, Lake City, Iowa.
 Jan. 17, W. H. Hudson, Lohrville, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 17, John Hammer, Greenwood, Neb.
 Jan. 18, C. E. Olsen, Colon, Neb.
 Jan. 18, E. M. Castle & Son, Joy, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 19, Jacob Wernsman, Cedar Bluffs, Neb.
 Jan. 21, J. E. Rowe, Stockham, Neb.
 Jan. 21, M. A. Cromwell, Gilhert Station, Ia.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, G. W. Post, York, Neb.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, Frank Laird & Son, York, Neb.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 23, Peek & Putman, Tecumseh, Neb.
 Jan. 23, Aug. Senneland, Harlan, Iowa.
 Jan. 24, C. McCarthy, Henderson, Neb.
 Jan. 24, Stansell & Matern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Reil & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.
 Jan. 24, Paul Groupe, Tecumseh, Neb.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.
 Jan. 26, Grant Chapin, Green, Kan.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, S. R. Quick & Son, Gosport, Ind.
 Jan. 30, J. O. Hunt, Maryville, Kan.
 Jan. 30, J. C. Danner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, Combination Sale, Martinsville, Ind.
 Jan. 31, C. E. Pratt, Frankfort, Kan.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.
 Feb. 1, Clarence Beavers, Holmes, Kan.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 2, John Fultz, Marysville, Kan.
 Feb. 4, Roy West, Boudurant, Iowa.
 Feb. 4, Austin Renshaw, Blair, Neb.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 5, Henry Weber, Friend, Neb.
 Feb. 5, Frank Alldritt, Friend, Neb.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 6, J. H. Husman, Exeter, Neb.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, J. Stroh, Dewitt, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 11, C. A. Teter, Remington, Ind.
 Feb. 11, Geo. Schwab, Clay Center, Neb.
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.
 Feb. 12, John M. Morrison & Sons, College View, Neb.
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsing, Boone, Iowa.
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.
 Feb. 13, C. W. Huff, Mondamin, Iowa.
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marts, Polk City, Iowa.
 Feb. 13, Bill East & Son, Clay Center, Neb.
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.
 Feb. 14, Gilbert Van Patten, Sutton, Neb.
 Feb. 14, B. W. Hale, Ladonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Geo. Briggs & Son, Clay Center, Neb.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Mappin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, A. W. Harris & Son, Morganfield, Ky.
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.
 Feb. 16, B. F. Roberts, Hebron, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Charlton, Iowa.
 Feb. 19, Unitt & Davis, Seward, Neb.
 Feb. 19, J. H. Habemicht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, S. P. Briggs, Seward, Neb.
 Feb. 21, E. J. Brown, Osceola, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Ayr, Ia.
 Feb. 21, M. A. Cromwell, Gilhert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.
 Feb. 22, W. C. Holmes, Osmond, Neb.
 Feb. 22, R. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.
 Feb. 22, O. E. Mickey, Osceola, Neb.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 23, Wm. Stanstead, Holdrege, Neb.
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, M. A. Sellers & Son, Huntley, Neb.
 Feb. 26, Geo. C. Blessing, Homer, Neb.
 Feb. 26, W. D. Pittman, Lake City, Iowa.
 Feb. 26, G. J. Mack, Clarion, Iowa.
 Feb. 27, S. J. Tillman, Ragan, Neb.
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.
 Feb. 28, Geo. Karchner, Wilcox, Neb.

GRAND CHAMPION DUROC CIRCUIT.

Jan. 31, H. B. Griffiths, Bowen, Ill.
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.
 Feb. 2, Thomas & Hogsett, Golden, Ill.
 Feb. 5, Fagan, Browning, Hess & McCahe, Hersman, Ill.
 Feb. 6, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, T. W. Stoner & Son, Henry, Ill.

THE ONLY WAY DUROC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 Mar. 1, C. C. Warren, Wilcox, Neb.
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

O. L. C. HOGS.

Feb. 6, 7, O. L. Kerr Est., Independence, Mo.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Dec. 20, James Burk, Stanwood, Iowa.
 Dec. 20, J. C. Hardman, Brayton, Iowa.
 Dec. 20, D. J. Cronin, O'Neill, Neb., sale at Spencer, Neb.
 Jan. 14, W. J. McLean, Rock Valley, Iowa.
 Jan. 16, Geo. Bonwell & Jas. Dufus, Grinnell, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Jan. 29, F. A. Edwards, Webster City, Iowa.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Feb. 7, A. B. Garrison, Beattie, Kan.
 Feb. 20, J. M. & J. C. Robinson, Towanda, Kan.
 Feb. 28, Estate of Patrick Gleason, Oakland, Neb.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.
 March 14, A. Carrier & Son, Newton, Iowa.
 March 18, W. H. McLaughlin, Shelby, Iowa.
 Mar. 20, James Stack, Harvard, Neb.
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.
 May 28, Walter Teel, Rushville, Ill.

ABERDEEN ANGUS.

Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

HEREFORDS.

Jan. 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 Jan. 15, Holt Bros., Laurel, Neb.
 Feb. 1, F. W. Hann, et al., Harlan, Iowa.
 Feb. 9, W. H. Leslie, Auburn, Iowa.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 Feb. 21, J. M. & J. C. Robinson, Towanda, Kan.
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 June 18, Hood & Baker, Dunlap, Iowa.

SHORT-HORNS AND DUROC JERSEYS.

Feb. 26, W. C. Cameron, Herman, Neb.

PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, J. M. & J. C. Robinson, Towanda, Kan.
 Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.

JACKS AND JENNETS.

Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

THOROUGHbred HOGS AND CATTLE.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

POLAND CHINAS.

Jan. 8, E. H. Andrews, Kearney, Neb.
 Jan. 12, H. C. Dawson & Sons, Endicott, Neb.
 Jan. 26, Closing out sale, Thos. F. Miller, Fullerton, Neb.
 Jan. 29, Geo. Regennitter, Bennett, Iowa.
 Jan. 30, C. A. Steel, Ogden, Iowa.
 Jan. 31, W. F. Garrett & Sons and Jno. H. Harvey & Son, Maryville, Mo.
 Feb. 2, Bert Fry, Plainfield, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, A. B. Garrison, Beattie, Kan.
 Feb. 6, E. M. Jenkins & Son, Byron, Neb.
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.
 Feb. 7, W. I. Toop, Auburn, Iowa.
 Feb. 8, T. J. Charles, Republic, Kan.
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, H. H. Hess & Son, Surprise, Neb.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 12, Reubel Bros., Rockwell City, Iowa.
 Feb. 13, E. D. Keasey, Wiota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa.
 Feb. 15, F. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 16, Peter Mouw, Orange City, Iowa.
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.
 Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.
 Feb. 20, H. C. Neal, York, Neb.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.
 Feb. 20, C. W. Phillips, New Sharon, Iowa.
 Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 22, J. M. & J. C. Robinson, Towanda, Kan.
 Feb. 27, W. W. Wheeler, Harlan, Iowa.
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

JACKS AND JENNETS.

March 1, W. J. Finley, Marshall, Mo.

HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.
 SHORT-HORNS, HEREFORDS, ABERDEEN ANGUS AND GALLOWAYS.
 Dec. 18-21, South Omaha, Neb., D. R. Mills, Mgr.

ABERDEEN ANGUS AND POLAND CHINAS.

March 27, J. H. Eno, Havelock, Iowa.

FIELD NOTES.

A few good Aberdeen Angus bulls are offered for sale by Mr. C. H. Seibel, of Paton, Iowa.

Mr. H. B. Moats, of Villisca, Iowa, is offering some high-class Poland China boars for sale.

A few good Ohio Chief boars are offered for sale by Mr. W. D. Pittman, of Lake City, Iowa.

Registered Shropshire rams and ewes are offered for sale by Mr. Willard Miller, of Anita, Iowa.

Some choice Hereford cows and heifers are offered for sale by Mr. W. W. Wheeler, of Harlan, Iowa.

Mr. W. H. Leslie, of Auburn, Iowa, will hold a closing out sale of Hereford cattle on February 9th.

Poland China bred sows and gilts are offered for sale by Mr. A. C. Lanham, of Battle Creek, Iowa.

About thirty good, lusty Poland China boars are offered for sale by Dr. H. Pritchard, of Wisner, Neb.

Twenty head of Chester White boar pigs are offered for sale by Mr. Chester Bloom, of Bridgewater, Iowa.

Some very choice Iowa farms are offered for sale or for rent by the Alien Land Company, of Laurens, Iowa.

Messrs. Rhea Bros., of Arlington, Neb., are offering a grand lot of Percheron stallions and mares for sale.

Mr. Henry Dorr, of Remsen, Iowa, writes: "I am all sold out of Poland China boars. My sows are doing fine."

The Homestead desires to obtain the address of any breeder or breeders of Dutch Belted cattle located in Iowa.

A closing out sale of Poland Chinas is announced to take place by Mr. C. A. Steel, of Ogden, Iowa, on January 30th.

A public sale of Duroc Jersey bred sows is announced to take place on February 26th by Mr. G. J. Mack, of Clarion, Iowa.

Mr. Austin Renshaw, of Blair, Neb., names February 4th as the date on which he will hold a Duroc Jersey bred sow sale.

Mr. E. O. Wolcott, of Gilmore City, Iowa, offers fifteen spring and six fall Poland China boars for sale at popular prices.

Choice Shropshire rams, at special prices for the next thirty days, are offered for sale by Mr. D. M. Norton, of Sanborn, Iowa.

Some exceptionally good Poland China boars are offered for sale by Mr. John Schmieder, of Remsen, Iowa, and at popular prices.

A public sale of Aberdeen Angus cattle and Poland China hogs is announced to take place on March 27th by Mr. J. H. Eno, of Havelock, Iowa.

Mr. J. L. Barber, of Harlan, Iowa, is offering for sale some very choice Chester White sows and gilts, all sired by the his state fair prize-winning boars.

Fifteen good Chester White boars are offered for sale by Mr. J. M. Janssen, R. R. No. 3, Sibley, Iowa. He also offers some choice gilts for sale.

About twenty head of Poland China boars are offered for sale by Messrs. Wm. Ray & Son, of Defiance, Iowa, at special prices for the next thirty days.

Some good herd-heading Chester White boars are offered for sale by Mr. W. R. Webb, of Spencer, Iowa. He also offers gilts for sale, bred or open.

Two good Ohio Chief boars, one Zoo V. Orion, and a few other choice Duroc Jersey boars are offered for sale by Mr. W. D. Pittman, of Lake City, Iowa.

Mr. Grant Summers, of Malvern, Iowa, is offering some good Duroc Jersey boars for sale sired by Crimson Wonder Again, the state fair sweepstakes boar.

Some choice Poland China sows and gilts, sired by L's Sunshine, the second-prize boar at Sioux City, are offered for sale by Mr. A. C. Lanham, of Battle Creek, Iowa.

Mr. Z. T. Kinsell, of Mt. Ayr, Iowa, offers a few very choice Hereford hogs for sale, and a few good Duroc Jersey boars. Read his advertisement on page 35 and write him at once.

Mr. Frank Paup, of Kirkman, Iowa, offers seven good Angus hogs for sale. One of these is a K. Pride, a Queen Mother, a Heatherloom, a Duchess and a Carnation. He is pricing these within the reach of anybody.

Mr. E. H. Dacer, of Lamoni, Iowa, has sold his farm and he is offering to close out his entire herd of Hereford cattle and Berkshire hogs. He is offering some exceptionally good bargains, because he must give possession of the farm.

Messrs. C. W. Daws & Son, of Harlan, Iowa, are offering for sale a few very choice Cruickshank bulls, and two or three good Scotch-topped bulls. It will pay any breeder who wants a herd header to go and see what they have before buying elsewhere.

A few very choice Poland China boars are offered for sale by Mr. J. C. Hoag, of Manson, Iowa. These are sired by Robert J. and Keep Alert by the great sweepstakes boar, Prince Alert, and also by Manager, one of the best sons of the noted boar, Manager.

Messrs. Reubel, of Rockwell City, Iowa, have a few choice Poland China boars left that they are making reduction prices on for the holiday season. If you want one write to them at once, because they won't last long.

Mr. Geo. Allen, of Lexington, Neb., one of the most noted Shropshire breeders in this country, is offering a few very choice Shropshire rams for sale. He also has a few good Short-horn bulls, good enough to head herds, that he will price right.

On page 22 of this issue will be found the advertisement of the McMillan Fur & Wool Co., of Minneapolis, Minn. To those who ship furs, hides, and pelts to them, they will send their Trapper's Guide free. Write for their price list and circular.

In the pointers column in our last issue we made a slight mistake in a pointer for Mrs. C. E. Wonderly, of Benedict, Neb. We stated therein that she had Buff Cochins chickens for sale and we would have said that she had Partridge Cochins. Readers of The

The most important thing in the world to me is a lamp-chimney.

I have been for years and years making the best, and always trying to make them better. I put MACBETH on them and no one ever disputes my claim.

The Index explains how to get a MACBETH chimney to fit every lamp, and how to care for lamps. Sent free to everyone asking for it.

Address, MACBETH, Pittsburgh.

Homestead will please bear this in mind that it is Partridge Cochins chickens that Mrs. Wonderly has for sale and not Buff Cochins.

Mr. Fremont S. Gibson, of Mason City, Iowa, has improved farms, wild lands, general merchandise stocks, hardware stocks and city property for sale or exchange. Write him for particulars. His advertisement appears on page 18.

Mr. Julius E. Rix, of Westside, Iowa, is offering a Norman Percheron registered stallion for sale. He is gray in color and aged twelve years and weighs 1,700 pounds. For particulars, write Mr. Rix. The advertisement appears on page 33.

Mr. John Weighton, of Audubon, Iowa, the well-known Duroc Jersey breeder, writes: "Just say to Homestead readers that I have about ten good Duroc Jerseys that I am making special prices on for the next fifteen days. Tell the boys to write me immediately."

Mr. T. A. Stevenson, of Shannon City, Iowa, offers some of the best strains of Chester Whites for sale and a few good Aberdeen Angus hogs. Mr. Stevenson is one of the most reliable breeders in southern Iowa and he can be relied upon to send you just what you order.

Mr. A. A. Hummer, of Keswick, Iowa, breeder of Chester White swine, reports that he is sold out of boars entirely and that he has a few choice gilts yet for sale. They can be supplied either bred or open as desired by the purchaser. Mr. Hummer's advertisement appears on page 36.

Mr. W. J. Finley, of Marshall, Mo., claims March 1st for a sale of registered jacks and jennets. Mr. Finley deals in the best only and will, on March 1st, show as good a lot of Missouri-bred jacks and jennets as are often found. Remember the date and watch these columns for future announcements.

The Southside Realty Company, of Petersburg, Va., successors to Percival Bros., have 500 special bargains in farms, an advertisement of which they have on page 18 of this issue of The Homestead. They desire that northern farmers learn about that country and ask our readers to send for their new catalog.

If you want a good Scotch bull, one that is fit to head any herd, you will be able to buy him of Mr. J. D. McDermott, of Wiota, Iowa. He has several for sale, all sired by imported and straight Scotch bulls, and some out of imported cows. Write him about these, because they are all right and the price is right.

Imported and home-bred Percheron stallions, ranging in age from two to seven years, all coal black, are offered for sale by Mr. G. C. Harrison, of Blencoe, Iowa, in his advertisement that appears on page 33. Mr. Harrison requests those who want stallions to come and see him, as he has the best of bargains.

Mr. John Lefebure, breeder of Scotch and Scotch-topped Short-horn cattle, of Fairfax, Iowa, is offering for sale two Scotch herd bulls of excellent breeding, also young hogs, cows and heifers at attractive prices. Anyone wanting a herd bull or a few cows and heifers would do well to visit his herd. See advertisement on page 35.

Messrs. Reubel Bros., of Rockwell City, Iowa, have a few of those choice Poland China hogs left, and they say for us to tell Homestead readers that special prices will be made on these for the next fifteen days. They have some extra good ones on hand and will be pleased to hear from our readers and quote prices on one or a dozen.

Messrs. M. A. Sellers & Son, of Huntley, Neb., write us under date of December 5th that their Durocs are doing fine and that they have about fifty sows bred for their spring sale, which will be held February 26th. They have some extra good individuals of the choicest breeding and one can do no better than write them in regard to what they will offer in their coming sow sale.

Mr. W. J. Prather, of Russell, Iowa, has Duroc Jersey spring boars by Top Notcher again, bred gilts and yearlings by Tom Davis, Top Notcher Again and Red Rock, which he will sell at one-half of last winter's public sale prices as per advertisement on page 33 of this issue of The Homestead. Here is a good chance for Homestead readers to secure some well-bred Durocs at very low prices.

Mr. C. H. Drake, of Stockport, Iowa, has some extra fine fox terrier dogs which he is offering for sale on page 10 of this issue of The Homestead. Some of these dogs are nicely broken. He also has young stock of both sexes and all are guaranteed to make extra good rat dogs. He has one broken Collie bitch that he will sell or exchange for Single Comb White Leghorn hens or pullets.

Mr. Hughes Atkinson, of Mt. Sterling, Ky., breeder of Hampshire swine, writing under a recent date says that his bred gilts are all sold and also most of the boars. In his new advertisement, Mr. Atkinson is offering a few spring boars, by first prize hogs, and also hogs and gilts weighing from sixty to ninety pounds. His herd made a great record at the Kentucky and Illinois State Fairs in

1906, winning fifty-two ribbons and showing against the strongest herds in the country. His advertisement appears on page 35.

Mr. F. Rabeler, of Leigh, Neb., announces on page 33 that he has the best imported and home-bred Yorkshire hogs in America and that he has made five importations. Oak Lodge Minstrel 8th 1855 and O. L. Fusilier 6443, both imported hogs, and Hanover Emperor 7038, stand at the head of his herd. He has stock for sale at all times and can furnish it not akin. He is hooking orders now. Write him for prices and other particulars.

One of the best 430-acre farms in Kansas is offered for sale on page 18 of this issue by Mr. F. W. Parks, of Abilene, Kan. This farm is finely improved with a new seven-room, modern cottage; bank barn and all necessary outbuildings. Two hundred acres are in meadow, 150 acres in blue grass, sixty acres in alfalfa, the rest in corn. Mr. Parks is its owner and he offers it for sale at \$35 per acre. For other information read the advertisement and write him.

Mr. Frank Kean, of Mt. Pleasant, Iowa, in furnishing copy for his new advertisement found on page 33 of this issue, says: "I am breeding forty of the best gilts I ever raised. They are of heavy bone, lengthy and of good color. The males I am using are Crimson I Am 53591, Top Notcher Boy 53589 and Kan't Beat Me 53837. The gilts are not loaded with fat, but are in the best breeding condition. I will quote reasonable prices, quality and breeding considered."

Mr. Jas. P. Spearman, of Papillion, Neb., the well-known young live stock auctioneer, writes us as follows: "Just say to Homestead readers that I have a few open dates left, and I will be glad to hear from those who are going to hold sales. My work has given entire satisfaction to those for whom I have conducted sales, and I am hooking orders every day." Any of our readers who have not secured their auctioneer will do well to write Colonel Spearman at once.

Mr. A. Latimer Wilson, importer of Percheron horses, of Creston, Iowa, writes that he sold to Mr. John Bray, of Richland, Iowa, one of the best imported black two-year-old stallions, Amans 63285, that ever left his barns. This stallion weighs over 1,700 pounds and has an extra good bone and finish all over. Mr. Wilson says that this colt will be heard from in the show ring, and he also writes that he is selling his choice Percheron horses at \$1,000 at his stable doors.

On February 28th, at the farm near Oakland, Neb., will occur the closing out sale of the entire herd of Short-horn cattle owned by the late lamented breeder, Mr. Patrick Gleeson. This herd was one of the best in the West and is headed by the noted bull, Count Waterloo, for which Mr. Gleeson paid \$1,000 at the Martin Flynn sale a few years ago. Many of the young heifers are sired by him and most of the older cows will be bred to him. The sale is made to close up the estate, and as Mr. Gleeson was a liberal and a good buyer, our readers can rest as-

sured that some good Short-horns will pass under the hammer on this occasion.

Mr. F. A. Ham, of Saronville, Neb., in sending in new copy for his advertisement which will be found on page 37 of this issue writes: "I have a very nice bunch of gilts (about twenty or twenty-five) to sell and as I am not going to have a sale, am offering them at private sale. The gilts are bred by Chief Knight 52495, he by Red Light, dam Improver Jewell; Imported King 54117 by Hamilton's Improver, dam North Star. My yearling sows are bred to Ham's Challenger."

The new advertisement of Mr. H. A. Sexsmith, proprietor of the Fairview herd of Duroc Jersey swine, of Greenfield, Iowa, will be found on page 37 of this issue. Mr. Sexsmith is announcing a public sale of bred sows on February 13th. His herd hogs are King Top Notcher 38703, the second prize senior yearling at Des Moines in 1906; Crimson I Am 43105 by Crimson Wonder, and H. A.'s Choice Goods 5197 by W. A.'s Choice Goods. They are mated to the tops of over sixty head.

Mr. F. Alldritt, breeder of Duroc Jersey swine, of Friend, Neb., in remitting for advertising already done, writes: "I have some choice hogs by Higgins' Model 3251 that I will sell at \$50 each if taken soon. I have some left by Ohio Chief 8727, Van's Perfection 1571, Hambletonian 21837 and Royal Prince 41911 that I will sell worth the money. I will have a bred sow sale February 5th, at which time I will offer a grand lot of sows and gilts bred to six good sires. Nebraska Chief 50889, one of the best sons of Ohio Chief, will have several sows in the sale bred to him." See Mr. Alldritt's advertisement that appears on page 33 of this issue.

On page 33 will be found the announcement of Mr. John Secor, of Mechanicsville, Iowa, announcing for sale nine choice Hereford bulls, of the low-down, thick, beefy sort. Mr. Secor is not a novice in the business, but has been breeding Herefords for seventeen years, his herd having been originally founded on stock purchased of Mr. Gill Burleigh. On this class of foundation stock Mr. Secor has used some of the very best Hereford bulls known to the breed. Perhaps the first one of national reputation was Beau Donald 48th, a son of the celebrated Beau Donald 58996, and he by Beau Brummel. Thus it will be seen that through Beau Donald the blood of Anxiety 4th is mingled in abundance. The dam of Beau Donald 48th is Early Princess 3d. She is a line-bred Lord Wilton and Earl of Shadeland. To follow on the daughters of Beau Donald 48th Mr. Secor secured Iowa Donald Premier 187137, which was sired by the Gudgell & Simpson-bred bull, Rex Premier, a son of Dandy Rex. Thus we find on the sire's side Lamplighter, Beau Brummel and North Pole. The dam of Iowa Donald Premier is Belle Donald 57th, a daughter of Beau Donald and out of an Earl of Shadeland and Lord Wilton dam. It can easily be seen that Mr.



THE OLD RELIABLE
..Anti-Friction Four Burr Mills..
 Double the Capacity of other Mills.
 TWO HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.
 30,000 Bu. With One Set of Burrs.
 I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.
 Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

Secor will preserve the Anxiety 4th type by this method of procedure, and to still follow in this line of breeding he has recently bought of Messrs. Gudgell & Simpson the best bull calf that we have seen this year. He has the euphonious name of Subject 252969. He is the son of Publican and he by Paladin and he by Lamplighter. He is unquestionably one of the most intensely bred Hereford bulls in Anxiety 4th lines that has ever gone forth from the Gudgell & Simpson herd.

On page 34 of this issue of The Homestead will be found a rare bargain in the shape of a very choice bred yearling Polled Durham bull. This fellow is sired by a noted prize winner, is out of a richly-bred cow and possesses all the good qualities necessary to make up a strictly first-class young herd bull. He is priced right, is right in breeding and individual merit. His owners, Messrs. J. J. Williams & Son, of Grand View, Iowa, are back of the above description and statement and will be pleased to show this bull to any prospective buyer who is conversant with what it takes to make a first-class Polled Durham herd bull. In writing them for particulars kindly mention The Homestead.

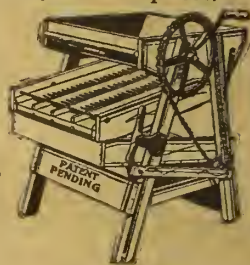
Messrs. E. K. Young & Son, of Havelock, Neb., in remitting for advertising already done, write as follows in regard to their Duroc Jersey herd: "Our hogs are doing fine. We will not have a bred sow sale this winter. We have two Malcom Model boar pigs to sell from a Gold Dust Jim sow. They are smooth and good enough to go in any herd, also one of Belle's Echo pigs from a Red Knight sow. He is a smooth, fine pig, of good bone, feet, head and ears. All three will weight 200 pounds strong. We bought a pig from Mr. R. J. Harding sired by Orion and out of Proud Lady, the \$1,275 sow, that we are using. We also have Luther H.'s, third prize boar in senior yearling class at the late Nebraska State Fair, still in ser-

vice. We will be on the market next year with better pigs than ever before." See Messrs. Young's advertisement that appears on page 38 of this issue.

Mr. Frank E. Hankins, breeder and shipper of pure-bred O. I. C. swine, of Sciota, Ill., in making remittance for advertising already done, writes: "My herd is in good condition and I have plenty of choice stock from which to fill orders. I can fill an order on anything from a weanling pig to a two-year-old sow, bred to my big boar, Duke. Mr. Wesley Michaels, of Media, Ill., made my herd a personal visit December 14th and bought a fine boar. Mr. Thomas Brown, of

DO YOU RAISE CORN?

We will ship you this Owens Seed Corn Grader and Sorter on 30 days' free trial. It will help to increase your yield from 10% to 20%. Write at once for full description and prices.



J. L. OWENS CO.,
 DEPT. 4
 Minneapolis, Minn.



PREM VICTOR, CHAMPION SHIRE STALLION, INTERNATIONAL 1906. Owned by Robt. Burgess & Son, Wenona, Ill.



This is The Moline THE IRONCLAD WAGON!

Built since 1854 in the largest exclusive Farm Wagon factory in the world, by machinery that does the work with such wonderful precision that each part fits the other with unfailing exactness. This enables us to produce the

Lightest Running Wagon Under Heavy Loads

The Moline has for its foundation the best woodstock that grows—all Hardwood. Selected Hickory for axles, doubletrees and singletrees, and white oak for the rest of the gearing and wheels. Yellow pine boards that are tongued and grooved for

the bottom of box; and we put in the sides the best lumber material obtainable. Now on top of all this we have reinforced every conceivable place on the wagon which is liable to wear with iron and steel protections, not of flimsy size, but with heavy plates.

which are so in evidence on the wagon throughout that The Moline has been called The Ironclad Wagon.

THE WONDERFUL BOOK

Pole—Reach—Hind Gear—Front Gear—Box inside and outside, all have special ironing everywhere. Our master mechanic has written a book, "How the Moline Wagon is Made Ironclad." It is FREE. Whether you want to buy or not, get the book! You will learn a whole lot more about wagons than you ever knew before. Write for it today. Address

MOLINE WAGON COMPANY,

MOLINE, ILL.

BRANCHES—Deere & Webber Co., Minneapolis; John Deere Plow Co., Kansas City, St. Louis, Omaha, Dallas, New Orleans and Portland, Indianapolis and Baltimore.

Good Hope, Ill., also made a personal visit December 15th and selected a fine boar. I can sell my pigs a little higher to men who see them than I can by letter." Mr. Hankins sold a hog to Mr. Z. N. Miller, of Elkhart, Ill., who, after receiving same, wrote: "I write you concerning the pig you sent me last fall. I tell you he is a fine one and a fine breeder. Can you furnish me with one that will not be akin to the one I have?" See Mr. Hankins' advertisement on page 36.

On January 17th Mr. W. H. Hudson, of Lohrville, Iowa, will make a Duroc Jersey brood sow sale, at which time he will sell between thirty-five and forty head of fall yearling and matured brood sows, and one of the best bunches of gilts that we have seen so far this year. These will be bred to Ohio Chief Primrose, a son of the prize-winning boar, Critic's Echo, and Jim's Junior, a son of the great Junior Jim. He is selling a granddaughter of Tolstoy, the sire of Crim-son Wonder, and two granddaughters of old Orion. Ohio Chief Primrose, his present herd boar, is a son of Ohio Chief and his dam is a granddaughter of the noted sweepstakes sow, Nebraska Belle. He is a splendid young boar and a sow bred to him should be sought after by breeders. Mr. Hudson is putting in some good brood sows in this sale and an exceptionally good lot of gilts. Breeders can well afford to come out to Mr. Hudson's sale, as they can use many of the good things that he is selling.

Mr. J. B. McAllister, of Palo, Linn county, Iowa, writes: "The Poland China boars pigs I am advertising in your columns are going fast. What I have left weigh around 160 to 175 pounds, not fat, but good, vigorous pigs ready for use at once, sired by an 800 pound hog and out of old sows, price \$20 each. Extra choice young sows also for sale bred to a son of Chief Price 2d by Chief Price, Mr. Peter Mouw's 1,005-pound boar. Also the finest Barred Plymouth Rock cockerels to be had. Pure 'Eclipse' strain, which have a peculiar type of their own, large, fine-colored fellows. Also have a pen of Silver Spangled Hamburgs, the best layers known. Prices cheap for quality of stock. I must say in conclusion that The Homestead is a business bringer and as long as I am in the business of breeding fine stock will place my advertisement in its columns. My herd boar, H's T. C.'s U. S., a great massive hog, is still for sale at \$40. He is guaranteed a sure and good breeder." See advertisement that appears on page 36 of this issue.

Mr. Joe Steward, the well-known Poland China breeder, of Ames, Iowa, has been enjoying a splendid trade on his famous Poland China boars, sired by Gay Perfection 2d and Impudence. Among his more recent shipments was one choice boar pig to Mr. Frank O. Loudon, of Oregon, Ill., and a full brother to this pig to the well-known Short-horn breeders, Messrs. I. N. Forbes & Son, of Henry, Ill. Mr. Steward still has some five of the same class of boars for sale at \$25 each while they last. When the boars are gone he will have twenty choice gilts for sale by Gay Perfection and Sultan. The last named is by Mr. Ed Klever's great boar, Thickset. Three gilts are by Radium, and he will also sell six old sows by Hulda's Perfection and bred to Gay Perfection 2d and Sultan. Mr. Steward has one very choice boar left yet sired by Impudence that he is now using on a few sows, but is ready to sell him at any time at \$50. He is a very large, smooth hog, big boned, stands on the best of feet and legs. Mr. Steward can be relied on to treat his customers exactly right.

Mr. J. C. Webber, of Montezuma, Iowa, writes that he has had a very good trade in Chester White boars all from his advertisement in The Homestead. Mr. Webber thinks that the Chester White hog is gaining ground each year over the other breeds, and that they are more prolific and will make larger and stronger hogs when matured. He says: "Farmers have found that the first cross with the Chester White on the other breeds makes the best hog for the feed yard and market. I have got the first complaint to receive from a customer. I have one yearling boar for sale yet. He is a good, big, coarse, heavy-boned fellow, stands up well on feet, good shaped ears and head, weighs 300 pounds, not fat, but in good breeding condition. I will offer a few gilts for sale, open or bred. They will weigh 200 to 250 pounds and are of March and April farrow. I can breed them to my young herd boar recently purchased from Mr. Trumbauer, of Patterson, Iowa." It will pay breeders of Chester Whites to investigate Mr. Webber's stock be-



Both These Magnificent
Papers For \$1.00 a Year

USE THIS ORDER BLANK.

SPECIAL OFFER

TWO PAPERS FOR THE PRICE OF ONE.

You Know The Iowa Homestead

One of the two. It is recognized everywhere as the foremost agricultural weekly in the world—edited by working farmers—embodying the wisdom and experience of the largest corps of editors and contributors of any farm journal that is published. It has no equal.

You Have Heard of Farm and Fireside

The other one; published twice a month, twenty-four times a year, a paper for the farmer, the farmer's wife and the farmer's children. Twelve of the numbers include the splendid Fiction Magazine Section, filled with stories, games and interesting reading for the family. An early feature is a complete novel by Miss Maude Roosevelt, entitled "The Strange Adventures of Helen Mortimer."

Homestead Co., Des Moines, Iowa.

Gentlemen:—Enclosed find \$1.00, for which you will please send me The Homestead and Farm and

Fireside for one year. This subscription is (new)
(a renewal)
Erase one.

Your Name _____

R. F. D. No. _____ P. O. _____

State _____

Date _____ 190_____

fore buying. His advertisement appears on page 36.

Mr. Fred Post, of Moulton, Iowa, can supply Homestead readers with White Holland turkeys, Imperial Pekin ducks, Barred Plymouth Rocks from prize winners of extra heavy weight and high scoring. His advertisement will be found on page 11 of The Homestead.

A NEW INDUSTRY FOR FARMERS.

The Telephone Supply Company, of New Hampton, Iowa, are placing on the market a book by Mr. F. B. Wright, containing the new law and instructions for distilling denatured alcohol, etc., giving full information how to make alcohol from farm products. It is in cloth and the price for which it can be obtained is named in the advertisement on page 26. Write for description of this and other books on rural telephone, electricity for boys, etc.

A COMBINATION TOOL KIT.

The Telephone Supply Company, of New Hampton, Iowa, are placing on the market a combination set of tools which consists of six heads and one pair of handles. It comprises the following tools: Pincers, end-cutting pliers, harness and belt punch, pruning shears, tinner's snips, pliers, wire cutters, adjustable alligator wrench, pipe tongs, nut cracker, screw driver, tack puller, nail

puller, calipers and dividers. The heads are of tool steel, drop-forged, ground, tempered and polished. The handles are of steel, ground, polished and finished in blue and polished nickel. Each tool is from ten to eleven inches in length and is fully warranted. A complete set wrapped and boxed, weighs less than three pounds, occupies very little space and can be carried about with- out inconvenience. For prices and other information see advertisement that appears on page 28.

A GOOD BUNCH OF POLAND CHINA BOARS.

Those of our readers who have not already purchased a Poland China boar should write at once to Mr. Chas. M. Hulbert, of Oakland, Neb. Mr. Hulbert is one of the best-known breeders in Nebraska, and he always has some of the good things in his herd. He wants to close out his entire crop of boars and has about twenty on hand. These are sired by Oakland's Prospect, the second-prize boar at the Nebraska State Fair, Nemo L's Oakland and Chief Enterprise. He has a splendid March boar sired by Chief Enterprise out of Logan B. 94th, the dam of the sow that sold in his last sale for \$108. Another very topky fellow is sired by Oakland's Prospect out of a Proud Monarch dam. These are two of the very best he has.

He also has a number of others that he is now selling from \$25 to \$35, just to close them out. If you want a boar write Mr. Hulbert at once and mention The Homestead when doing so.

A CHOICE LOT OF POLAND CHINA BOARS.

Any of our readers who have not bought their Poland China boar should write to that veteran breeder, Mr. W. N. Booth, of Danbury, Iowa. He has a number of very good ones sired by Keep On Jr., a son of the great Keep On, and also Uneeda Thickset, a son of the Ohio sweepstakes boar, Thickset. Mr. Booth has size and quality in his herd and he says that he is making a great reduction in prices for the next fifteen days.

S. J. MILLER'S PERCHERON AND FRENCH COACH STALLIONS.

Those of our readers who contemplate buying a Percheron or French Coach stallion would do well to look over the advertisement of Mr. S. J. Miller, of Kirksville, Mo., which appears on page 39. Mr. Miller's stallions will be found as good a lot of strong-boned, well-quartered fellows as have ever been imported. Another thing, the price is always right at Mr. Miller's. These stallions are selected personally by Mr. Miller and are sold at as small a margin of profit as is con-

sistent. Write him today if in the market for a first-class stallion, and kindly mention The Homestead.

HAMPSHIRE HOGS.

One of the largest herds of Hampshire hogs in the middle West is owned by Mr. Hughes



Atkinson, of Mt. Sterling, Ky. At the various state fairs he has been a successful winner and can supply Homestead readers with extra good hogs or gilts at very reasonable prices. Look up the advertisement on page 35 and write for further particulars, kindly mentioning The Homestead.

S. P. BRIGGS BUYS GOOD BOAR.

Mr. S. P. Briggs, of Seward, Neb., writes us that he has recently purchased a fine male pig which he considers a great attraction for his coming brood sow sale. This pig was purchased from the well-known firm of Messrs. Watt & Foust, of Cedarville, Ohio, and has a show yard record that few can boast of. He was sired by Golden Rule 46013, the sire of most of Messrs. Watt & Foust's show herds in 1905 and 1906, and having for his dam Cedarvale Queen VIII., the first prize and Junior champion sow at the St. Louis Exposition. Junior Champion 53137, as he is called, won first prize at Ohio State Fair, also beaded first-prize young herd; won first at New York, also reserve championship and headed first-prize young herd. This we consider one of the good things brought to Nebraska this fall and a sow bred to this young boar would be a credit to any herd. Remember the date, February 20th, and arrange to attend this sale.

LAWSE SELLING CHESTER WHITE SOWS AND GILTS.

In this week's Homestead will be found a change of copy for the well-known Chester White breeder, Mr. Geo. H. Lawse, of Harlan, Iowa. He has disposed of his entire crop of boars and now he is ready to ship sows. He will not hold a public sale and therefore has about 100 head of yearling and matured brood sows, and his entire crop of spring gilts, and these he is now offering at private sale. Never in all of his years of experience in the breeding of Chester Whites has he been able to offer as good a bunch of sows as he now offers to readers of The Homestead. These are sired by his well-known prize-winning boars, Monarch Jr. 13301, Captain 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911. These are all proven sires and are prize-winning boars. These sows and gilts are bred to prize-winning boars and the man who sends Mr. Lawse an order will be pleased with the sow or the gilt he orders. Mr. Lawse has shown his herd at the Iowa State Fair and several others fairs the past few years, and he always gets his share of the ribbons. Now, then, he offers the public the same kind of sows that he has repeatedly shown, and he will be pleased to have any of our readers call on him and examine the sows he

is selling. Write him at once if you cannot call, and order what you want, and kindly mention The Homestead when doing so.

W. F.'S MODEL 12101 FOR SALE.

W. F. Hemmerling, of Dike, Iowa, offers his famous Chester White prize winning boar, W. F.'s Model 12101, for sale. In regard to this boar Mr. Hemmerling says: "W. F.'s Model was farrowed Sept. 12, 1904, and was bred by Mr. A. M. Ellsworth, of Grand Ridge, Ill. His sire was A. M.'s Leader 10749, bred by Mr. W. A. Hoover, of Oskaloosa, Iowa, grand sire Teddy R 11305; dam, Lady Fault 13702, she by Dewey 8359. I am now through using him, and have a good many spring gilts and a fine bunch of fall pigs; also a few sows with pig to his service for spring farrow and cannot use him longer to good advantage. He is a good server and sure. My litters to his service average a trifle better than mine. He is in fine breeding shape and will be priced worth the money, or, I will trade for choice bred gilts. W. F.'s Model won second in class at the Iowa State Fair, first in class and sweepstakes boar any age or breed at our county fair in 1906. This great hog should go to some good herd." See advertisement on page 36.

A SUCCESSFUL BREEDER OF POLAND CHINAS.

We take pleasure in presenting to our readers a very good likeness of Mr. F. C. Thackaberry, of Tampico, Ill., one of the most successful breeders of Poland Chinas throughout the middle West. Mr. Thacka-



berry has been a liberal purchaser from some of the best herds of the country, and the blood lines are fully as good as can be found in any herd. Large, smooth, heavy-boned gilts, either bred or open, are offered for sale at reasonable prices, as per announcement on page 36 of this issue. When writing them please mention The Homestead.

DRAFT HORSES AT WATSON, WOODS BROS. & KELLY BARN.

Mr. Joseph Watson, a member of the firm of Watson, Woods Bros. & Kelly, of Lincoln, Neb., importers of draft horses, makes all the selections in the old country for this firm. It is also well known that Mr. Watson is a most critical judge of the drafter and that his long years spent in the business enable him to get the best. Mr. Wat-

son from the start selected only the best and by so doing has built up a great reputation for his firm. The importation this season numbers fully as many as has ever been brought over by this firm. They are of the Percheron, Sibre and Belgian breeds and are stallions of the right kind, having the necessary bone, quality, style and action. Particular attention was paid to scale, but quality was also looked after carefully. In colors this season's importations run to the darker colored horses, with an occasional gray among the Percherons. High prices are not the rule at the Watson, Woods Bros. & Kelly barns, and as a result their old customers are numbered among their best patrons. They invite all prospective buyers to come to their barns at Lincoln, Neb., a this is where they prefer to sell, and the buyer has the opportunity of seeing all the horses before buying. This year the Watson, Woods Bros. & Kelly Co. are in the best position ever to offer superior horses at reasonable prices. See page 38 for their advertisement and remember that they are always glad to have you call and inspect their stock.

Comes Back To The Old Reliable Homestead.

FINDS THAT LOWER PRICES FOR ADVERTISING DO NOT NECESSARILY MEAN TRUE ECONOMY IN BUYING SPACE—A COMMON EXPERIENCE AMONG LIVE STOCK ADVERTISERS.

The live stock advertiser who seeks to save money by using mediums of smaller circulation and lower rates invariably has the experience of learning that Homestead space, though perhaps a little higher priced on account of our much larger circulation, is really the most economical in the end. Here is a letter from Mr. J. M. Janssen, owner of the Pleasant Grove herd of Chester Whites, Sibley, Ia., which is a sample of many received from well-known breeders:

Sibley, Ia., Dec. 5, 1906. Publishers Homestead, Des Moines, Ia. Gentlemen:—I find that I shall have to come back to the old reliable Homestead; in fact, it seems as if I cannot get along without it. I had excellent returns from Homestead advertising last year, but thought I could better myself and save a little money by going elsewhere. The result was that I got badly fooled and that for actual returns The Homestead beats them all. Enclosed find my order for six months regular space.

Very truly yours, J. M. Janssen.

son from the start selected only the best and by so doing has built up a great reputation for his firm. The importation this season numbers fully as many as has ever been brought over by this firm. They are of the Percheron, Sibre and Belgian breeds and are stallions of the right kind, having the necessary bone, quality, style and action. Particular attention was paid to scale, but quality was also looked after carefully. In colors this season's importations run to the darker colored horses, with an occasional gray among the Percherons. High prices are not the rule at the Watson, Woods Bros. & Kelly barns, and as a result their old customers are numbered among their best patrons. They invite all prospective buyers to come to their barns at Lincoln, Neb., a this is where they prefer to sell, and the buyer has the opportunity of seeing all the horses before buying. This year the Watson, Woods Bros. & Kelly Co. are in the best position ever to offer superior horses at reasonable prices. See page 38 for their advertisement and remember that they are always glad to have you call and inspect their stock.

LAST CALL FOR THE McLEMORE SALE AT COLUMBUS.

On Friday, December 28th, Mr. W. M. McLemore, of Kearney, Neb., will make a public sale of thirty head of select Short-horn cattle at Columbus, Neb. They are a choice lot and good enough that breeders can well afford to attend. Every one of the females in this sale of breeding age has raised a

specimen. The ranchman is looked after in this sale and the man who wishes to buy a pair or half dozen good bulls can find what he wants in this sale. Mr. McLemore is selling some good cattle and they are certainly a money-making lot. There will not be a cow in this sale that is not a regular breeder and all right in every respect, so buyers will know just exactly what they are getting when they buy in this sale. Kindly write Mr. McLemore for a catalog and then arrange to attend the sale.

GOOD HEREFORDS AT AUCTION.

Mr. Martin Liebzig, of Muscatine, Iowa, has announced December 28th as the day when he will disperse his entire herd of thirty-five registered Hereford cattle at the Joe Hampton farm, in Illinois, six miles southeast of Muscatine, Iowa. Mr. Liebzig will have lively teams in waiting at Muscatine to transport all of his visitors from a distance across the bridge and to his farm where the cattle sale will be held. During the forenoon of the 28th he will offer for sale eighteen splendid high-grade yearling steers, in good fix and fit to be put on feed at any time. He will also sell at the same time thirty head of high-grade cows and heifers, after which five registered Hereford cattle will take place at 1 o'clock sharp. Mr. Liebzig's herd is founded on as good Hereford blood as ever came to America. His first purchases were made of that pioneer importer and breeder, Mr. Adams Earl, and later purchases were

made of Mr. W. S. Van Natta, and still later of Gov. John Sparks, so the foundation of this entire herd is on purchases made of these three well-known breeders, with a national reputation. Nothing but Anxiety bulls have been used on this foundation. The present herd bull, Sir Jack, and the one used prior to him, Patrol, were intensely-bred Anxiety bulls. Thus it will be seen that no one can possibly be disappointed in the good blood that has been used on this herd. The Hereford herd book furnishes no richer breeding. Inasmuch as Mr. Liebzig has never advertised much nor exhibited his cattle, he is consequently not extensively known away from home, and for this reason he does not expect his cattle to sell for anything near their real worth, and for the further reason that there has been no sales of registered Hereford cattle in this section of the state in recent years. It is the opinion of those best informed that where the smaller breeders have used such very valuable blood as is contained in the pedigrees of Mr. Liebzig's cattle, it affords a splendid opportunity for not only beginners, but breeders generally to secure cattle at much less prices than were they to attend sales held by parties who were much more widely known. For catalogs of this sale and any further particulars, application must be made to Mr. Martin Liebzig, of Muscatine, Iowa. Col. Griff Johnson will wield the hammer over this bunch. There will be thirty-five head listed, eighteen cows with six calves at foot and all rebred to Sir Jack; eleven choice yearling heifers and six good bulls. Certainly the farmers of eastern Iowa, western Illinois and northeast Missouri will find this an opportunity of a life time.

THE IAMS NOTED STALLION EMPORIUM.

Mr. "Shy Ann"—Everybody and their "wife's folks" know Iams, the big stallion importer of "Peaches and Cream" fame. Twenty-five years ago with three stallions, a very little money, but a big "bundle of push" and a determination to be a "noted horseman" and successful business man, he pitched his tent at the "wide-awake" horse town of St. Paul, Neb. He "lifted the lid" in the stallion business. Had a "way all his own," in buying and selling first-class stallions at "let live prices." His business has grown and is today a mammoth department store house of the best and finest draft and coach stallions in the world. For the past five years his importations have come by special express train of from eighty to 150 stallions in a bunch. He has kept "sawing wood" and butts in and is selling more and better stallions every year. Iams by his "pushin' and a-shovin'" has side-tracked and laid "on the shelf" barns full of "consalesmen" and "hammer knockers" and they are still "boosting Iams" with their knocking, but Iams believes in first-class advertising and at the "round-up" you find Iams "has the goods." Makes all buyers of stallions "sit up and take notice," that he is the "king pin" for first-class stallions and low prices. His 160 stallions, two to six years old, weight 1,700 to 2,500 pounds, fill his "town of Iams" to the roof with "top notchers." Everybody who visits Iams are "all up in the air" over his "black boys" and say, "Iams has the goods." Better than the pictures he has in the papers, and if you visit

OUR RED LETTER

Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date190..
Homestead Company, Des Moines, Iowa:
Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.
Name
Postoffice
Rural Route State

Wouldn't You Like

to have us show you the wonderful opportunities existing in the South, and how you could improve your present condition?

THE

"Seaboard Magazine"

Devoted to the agricultural and industrial development of the South, will point out the many advantages of a location in our mild climate, where life would be a greater pleasure as well as profit by reason of being able to carry on work throughout the entire year. Why battle against the elements? If you want a stock or grain farm, a fruit farm, truck farm, where lands are fertile and productive, in fact, anything, and want it in Virginia, the Carolinas, Georgia, Alabama or Florida, the magazine will assist you. Sent FREE on request, together with other handsomely illustrated literature descriptive of the South and its wonderful resources and progress.

Special low round-trip rates for homeseekers, prospectors and investors.

J. W. WHITE, General Industrial Agent,
Portsmouth, Va.

Seaboard Air Line Railway, Dept. "S."

BIG FARM PAPER A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$30,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people. Its circulation reaching every state in the Union. Address with stamp Valley Farmer, 575 Jackson street, Topeka, Kan.

him and don't find everything in his advertisement or catalog as represented, you get that \$100 he hangs up. Iams guarantees to sell you a better stallion at \$1,000 to \$1,100 (few higher) than are being sold to "farmers' stock companies" at \$2,500 to \$1,000, with 60 per cent breeding guarantee, freight and fare paid by Iams. He furnishes buyers \$1,000 or \$1,500 insurance. You say: "Why can't others?" Iams buys and sell every stallion himself, at his home-barns. He buys stallions by "special train load," eighty to 150 at a time. He speaks the languages, saving you 20 per cent. He is not in the "stallion trust," saving you \$300. He pays no "slick salesman" \$100 to \$1,000 to sell you a fourth-rate stallion. He has no "two to ten men" as partners to share profits. He pays spot cash for his stallions, owns his farms, houses, barns, stocks and stallions. He sells stallions by "bot advertising" and having the koods to make "every statement good." Iams sells stallions "so good" that they do not need a "slick peddler" or the "auction block" to sell them. Iams will save you \$1,000 or more in commissions and middlemen's profits. Our illustration on page 1 is Iams and his famous Royal Belgian, "Préfer de Thnew 30204," three years old, weight 2,040 pounds, prize winner at Belgium, Iowa, Illinois and Nebraska. He is an up-to-date drafter with two good ends and a middle. A big-boned, high-class "Yankee doodle boy" that makes all the boys "lift their lid" and say, "He is Iams' kind." A warm bunch on dress parade. Iams' town of barns are "filled to the roof" with "top notchers." He is hypnotizing buyers with big bargains in stallions that will positively suit you. Write for his eye-opener and greatest horse catalog on earth. Read it, and it is "100 to 1," Dad, that you will buy a stallion of Iams. His "selling clothes" fit all stallion buyers. You won't get away from Iams if you have money or bankable note. His sales this week were a 1,740-pound German coach—a "Johnny on the spot boy"—to Peter Perry, Grass Range, Mont.; a big, lusty, two-year-old "black boy" to Peter Beck, Humboldt, Iowa; a top-notch of a three-year-old Percheron to Bob Olson, of Bertba, Minn., and a real "peaches and cream" boy to the "Edison Horse Company," of Edison, Neb.

A HOME NEAR AGRICULTURAL COLLEGE.
On this page of this issue will be found the advertisement of an ideal home adapted to parties who desire to reside near a college so that the boys and girls can be educated and at the same time be kept under the good influence of the home. It is located between the city of Ames and the agricultural college. The home is nearly new and contains ten rooms with all modern conveniences. There are twenty acres of land that go along with this home. It has become necessary during the last few days that the owner sell this property in order to give attention to his business interests elsewhere. It will be sold at a bargain. For information address Messrs. Smith & Davis, Ames, Iowa.

RAISING SUGAR BEETS AND ALFALFA IN THE GREAT ARKANSAS VALLEY.

The valley of the Arkansas river, in the vicinity of Garden City, Kan., is one of the most prosperous in the world today. A few years ago this section of Kansas was just like many other parts of western Kansas, except that the grass was more luxuriant in its growth and consequently it required less acreage to graze the cattle which the stockmen fed there. Today the Arkansas Valley leads in the production of alfalfa and sugar beets, two very profitable crops, and the man or woman who owns land in this valley is indeed fortunate. There is no country in the United States today where there are such opportunities for making money in farming, or where the profits on the investment in land would be larger than in the Arkansas Valley. With the government's new \$250,000 pumping plant near Garden City, and other irrigation projects which have been or are being finished, thousands of acres of fine alfalfa and sugar beet land will come under irrigation—the government alone furnishing water for 20,000 acres. When it is understood that alfalfa pays from \$40 to \$75 per acre and sugar beets from \$50 to \$80 per acre, it is easy to see that those who own this land are sure to be prosperous. And do not overlook the fact that under irrigation there is absolutely no failure of crops. There is plenty of water for irrigating purposes, and good, pure drinking water

can be had at from fifteen to fifty feet. The land near Garden City, in the Arkansas Valley, can be purchased now at \$40 to \$75 per acre. This certainly beats farming land that will only pay from \$5 to \$20 per acre, and cost from \$70 to \$200 per acre, especially when the crops on high-priced land are uncertain on account of the drought or too much rainfall. With the opening of the new million dollar beet sugar plant and the establishment of the government irrigation plant here, a new impetus has been given to this region, and new settlers and capital are coming in each day. Men who have laid by a competence by farming in other regions; those who have tired of city and desire a country life where their activity will bring good returns from the cultivation of the soil; shrewd capitalists who have money to invest, and the young man who is in search of a home, have all turned their eyes to this, the Nile valley of Kansas, as soon as they have learned of its facts and possibilities. The Arkansas Valley, of which Garden City is the center, is a wonderland to the man who knew this section in the early days of Kansas. Then it gave little promise of what it has now accomplished. With the endowment by nature of this region with good soil, fine water and a mild climate, its resources might have lain undeveloped for centuries had it not been for the enterprise of citizens who knew its possibilities through their residence there. The Santa Fe railroad has been a great factor in the development of this section of Kansas which, in the language of a high official of the United States Department of Agriculture, is destined in the near future to become the most productive part of the United States. The commercial clubs of the cities have been largely instrumental in placing facts before the people of less favored regions and inducing immigration. The

Beau Donald 48th 121465, Owned by John Secor, Mechanicsville, Iowa. Calved March 19, 1901, Bred by W. H. Curtice, Eminence, Ky.					
SIRE.	Don Carlos 33734.....	Anxiety 4th 9904.....	Anxiety 2238 Gaylass 9905	Young Sir Frank 2669	Dowager 5th 6933
	Beau Brummel 51817.....	Dowager 6th 6932.....	North Pole 8946.....	Mars 12th 4462	Creamy 8947
Beau Donald 68996.....	Belle 24629.....	Beau Ideal 8th 9949.....	Aberdeen 5248	Beau Ideal 5003	Longhorns 2239
	Anxiety 4th 9904.....	Anxiety 2238.....	Helena 2240	Longhorns 2239	Lofly 9906
Donna 33735..	Dowager 6th 6932.....	Young Sir Frank 2669..	Sir Frank 2674	Perfection 2675	Leominster 2614
	Carroll 2d 40067.....	Earl of Shadeland 9th 16900.....	Bramble 2d 6948	Elton 1st 11245	Perfection 4th 5474
Breckenridge 66104.....	Lady Wilton Pine Park 46198.....	Earl of Shadeland 9th 16900.....	Bramble 2d 6948	Sir Bartle Frere 6419	Tulip 7th 7409
	Early Princess 3d 65931	Earl 2d of Pine Park 41081..	Earl of Shadeland 9th 16900.....	Claribel 4th 11202	Lord Wilton 4057
DAM.	Early Princess 3d of Pine Park 51154..	Early Princess 29578..	Prince Edward 7001..	Lilac 7002	Turcoman 5382
		Early 6000.....	Evaline 5430		

This is the tabulated pedigree of the grand Hereford bull, Beau Donald 48th 121465, bred by W. H. Curtice, of Eminence, Ky. He is one of the three choice herd bulls heading the splendid herd of Herefords owned by Mr. John Secor, of Mechanicsville, Iowa. He is a son of Beau Donald and out of Early Princess 3d, hence combines the best blood that has been used in building up the Hereford breed in America. He is chock full of the blood of Anxiety 4th, Garfield and Lord Wilton. It will be thus seen that there are few Hereford bulls as well bred as this fellow. The nine young Hereford bulls offered for sale by Mr. Secor are most all sired by this bull. His announcement appears on page — of The Homestead.

most potent factor, however, in turning this desert into a garden has been the land agencies whose untiring energy has presented the merits of this region in season and out of season until men have become convinced against their will and have moved their household goods to a region where they have prospered and where they have learned that the half had not been told. In the vicinity of Garden City the greatest of these agencies has been the Great Western Land Company which runs a regular sleeping car between Chicago and Garden City for the accommodation of its patrons. To the young man in search of a home where he can prosper, as well as to the capitalist with idle

TOO LATE TO CLASSIFY.
.....9 CHOICE YEARLING HEREFORD BULLS 9.....
FOR SALE.

I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 48th 121465 and out of cows of the richest Hereford breeding known to the breed, such as Anxiety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. I have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address,

JOHN SECOR, - - - **Mechanicsville, Iowa**

Ohio Chief Male Pigs For Sale

I HAVE three extra good Ohio Chief male Duroc Jersey pigs that I will price right, if taken at once. I also pigs by Adams Express, a full brother to Crimson Wonder. Male pigs by ten leading sires. I can suit you. Write me at once.

FRANK ALDRITT, - - - **NEBRASKA**

funds to invest, there is perhaps no region in this country that promises so large and so immediate returns as does the Arkansas river valley of Kansas. The following letter, written by Secretary Coburn, of the Kansas Board of Agriculture, is certainly proof positive that the Arkansas Valley is all that is claimed for it, as Mr. Coburn is one of the greatest authorities on agriculture living: "Kansas Department of Agriculture, Capitol Building, Topeka, Kan., November 16, 1906. My Dear Harrison:—That sugar factory is

Large, Improved English Yorkshire Swine.
F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshire in America. Have made five importations. Only Lodge Minister Sch 1855 and O. L. Fustler 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

TWENTY ACRES FOR SALE.

THIS land lies between Ames and the Agricultural College. It is well improved, has a new ten-room house with bath-room and closet, electric light, good cement cellar, good well, windmill, private water system, and is just the place for a home to educate one's family and have the children under home influences. The owner has other interests and will sell this property right. For information apply to

SMITH & DAVIS, - - - **Ames, Iowa**

Percheron Stallions For Sale.

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, - - - **Blencoe, Iowa**

Prairie View Herd of Duroc Jerseys.

SPRING boars by Top Notcher Again. Bred gliss and yearlings by Tom Davis, Top Notcher Again and Red Roc at one-half last winter's public sale prices.

W. J. PRATHER, - - - **Russell, Iowa**

FOR SALE—A gray Norman Percheron registered stallion aged twelve years, weight 1700 pounds. For particulars write to Julius E. Rix, R. F. D. No. 2, West Side, Iowa.

finished animal for market purposes than any other feed. And the farmers of the Arkansas Valley cut four crops of alfalfa each year. No person who invests money in land in the Arkansas Valley now will ever regret it, for the land will grow in value even beyond the expectations of those who are thoroughly acquainted with conditions there. One of the most enterprising real estate firms the writer has come in contact with is the Great Western Land Company, of Kansas City, Mo., and Garden City, Kan. This company is composed of three young men who have done a large share toward building up the industries around Garden City. The gentlemen are Messrs. D. A. Fleming, R. A. McCray and H. C. Wiley. Mr. Fleming, who is general manager of the company, was formerly cashier of the United States Sugar & Land Co., who own the factory. The Great Western Land Company have an office in the Blossom House, opposite the Union Depot, in Kansas City, and a western office at Garden City, Kan. They would be pleased to have anyone interested call at their office in Kansas City and talk over the matter of Arkansas Valley land with them, or they will gladly send literature, map of Kansas, etc., free to anyone who will write them. They run dining and sleeping cars from Chicago every excursion date—the first and third Tuesdays of each month and the first and third Wednesdays of each month from Kansas City. The company also maintains a whole garage of automobiles at Garden City for the purpose of showing the landseeker around over the country. This company own or control all the land they offer for sale and can make very low prices on it. Do not fail to read every word of the Great Western Land Company's advertisement in this issue. It will be found on page 19. Write or call and see them.

SPECIAL RATES.
On Saturdays and Sundays from December 16th and January 5th to March 31st the Chicago Great Western Railway will sell winter visitors week end tickets to points 150 miles distant up to and including all stations within fifty miles of St. Paul and Chicago at rate of one fare plus \$2 for the round trip. Tickets limited to seven days, with privilege of extension on payment of one-third of regular one-way rate. Short-limit tickets to nearly all stations on sale at all stations Saturdays and Sundays at one fare for the round trip. Tell your friends about it and have them come and visit you. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOLIDAY RATES TO CUBA.
The Iowa Central Railway will make a holiday rate of one fare for the round trip to Havana, Cuba, on December 18th, 19th and 20th; return limit January 9th. Passengers will be taken via New Orleans in connection with the Southern Pacific Company's steamers. The trip will be a delightful one and with the cheap rates offered for the holiday season, is particularly desirable at this time. For information as to rates, etc., address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

surely one of Kansas' big things. I am proud of it and the men whose enterprise, courage and capital have made it a reality. The hospitality of Garden City is superb, and the broad-gaged style in which the factory opening celebration was carried out by your people will long be remembered and talked about by thousands who were so fortunate as to be present. What is being done at Garden City and the adjacent territory is sure to give permanent prosperity to southwestern Kansas and the Arkansas Valley. Determination, grit, gumption and irrigation, acting in harmony, work miracles, and that's what seems to be going on all around Garden City. Cordially yours, F. D. Coburn, Secretary." The above letter speaks volumes for the beet sugar industry, as Mr. Coburn does not pay compliments to any institution unless deserving. The possibilities of western Kansas can't be estimated. A Finney county alfalfa field would make a central Kansas farmer weep, while a sight of an upper Arkansas Valley sugar beet field, a sorghum or kafir corn patch, would make him jump in the creek to drown his sorrow. The country is about 3,000 feet above the sea level and its altitude, irrigation and cold nights put the sweet into the sugar beets, and into the Rocky Ford melons. Not long ago this same Arkansas Valley was very thinly settled, and as stated above, about the only thing that grew there was grass. Now all this is changed. Garden City is the center of a great farming country. Not only does this country raise alfalfa and sugar beets, but you can see there, growing in abundance, apples, peaches, pears, cherries, plums and in fact all fruits, except the tropical, and they thrive and are singularly free from blight and worm. They reach maturity perfect in flavor, form, color and size, and it is a well known fact that Arkansas Valley fruit brings the highest market prices, both in the East and the West. This is one of the best horse and mule countries in the West. The mild winters and abundance of cheap nutritious feeds, such as alfalfa and beet pulp, and the freedom from disease, renders this the ideal section for the man who handles horses and mules for the market. To those who want to buy land we would say that they must act quickly, as this land is advancing in price so rapidly that it will soon be almost beyond the reach of men of ordinary means. The area of alfalfa and sugar beet land is very limited. To raise either of these crops soil of a peculiar kind is necessary. Another thing, land is advancing in price all over the country, and the soil that will produce such profitable crops will naturally be worth a great deal of money. It is a well-known fact that Alfalfa is the best feed for stock of any crop raised in the United States, and will produce a better-



Mr. G. W. Post, of York, Neb., will hold his bred sow sale January 22d, in which will be sold some royally-bred sows. Most of the young stuff in this sale are daughters of Top Notch 41815, a son of Tip Top Notcher 20729, and having for his dam Goldie O. XXXX., the dam of more prize winners than any sow living. This young hog weighed 640 pounds at eighteen months old and was pronounced by very competent judges one of the very best boars Tip Top Notcher ever sired. This hog is a large, smooth fellow, of extra good bone and as a sire is proving a good one. The gilts sired by him will be bred to a son of Ohio Chief and the combination ought to produce something good. Mr. Post will sell some of his very best aged sows, including the great sow, Briggs' Choice, which is surely one of the good sows of the breed. She will be bred to Top Notch and the man who gets her has a right to expect something good from this cross. There will be about forty head of well-bred sows in this sale and breeding is extra good. Don't forget to attend this sale if you are in the market for some good sows.

RICHLY BRED SHORT-HORNS

---COMING TO COLUMBUS---

To be sold at Tom Branigan's Sale Barn Friday, December 28, 1906, Sale to Begin at One O'clock Sharp.



20--Bulls--20--Big, growthy bulls, 10 to 22 months old. 16 Cows and Heifers--Of the useful kind. Every female of breeding age raised a calf this year. Six cows with calves by their side and the rest safe in calf to the best of Scotch bulls. The bull offering is one of the best, both in breeding and individuality. Three are Scotch, the rest from three to seven Scotch tops, coming from the best herds in Iowa and Nebraska--five head coming direct from the great herd of W. D. Parsons, of Newton, Iowa. Twenty bulls that are second to no twenty bulls ever tied in one barn or offered in one sale in Nebraska--all red, big bone, low down, blocky kind; come and see them and be your own judge. I extend an urgent invitation to all stock farmers and breeders, and assure you that no better or more useful lot of cows and bulls will go under the hammer this season. Catalogs ready now--send for one. Remember the date. Friday, Dec. 28. Sale under cover. No postponement.



W. M. McLEMORE, Owner,
Kearney, Neb.

Col. T. C. Callahan, Auct.,
and Assistants.
O. T. Roen, of the First
National Bank, Clerk.

LIVE STOCK AUCTIONEERS.

MISSOURI AUCTION SCHOOL TRENTON, MISSOURI.

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The only auction school in the world where students are given actual practice selling in bona fide sales. This school's first term had double the enrolment of any other school's first term. All branches of auctioneering, oratory and live stock judging taught by instructors of from five to thirty years' experience. We only require one-half of tuition down on entering school, the other half to be paid after you have made it out of the business. What could be more fair? Write for our large, 40-page illustrated catalog, which gives testimonials from our students in all parts of the United States.

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GEO. P. BELLAWS

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

J. P. SPEARMAN, PAPILLION, NEB.

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I am posted on pedigrees and want your sales of cattle, hogs or horses.

A LIFETIME IN THE CATTLE BUSINESS.
GRADUATE of Iowa Agricultural College. Five years in the Auction business. Successful sales in eleven states and Canada. Yet my terms are low. Write me. R. W. BARCLAY, Live Stock Auctioneer, MASON CITY, IOWA.

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TEN years' experience in selling for the best breeders in several states; have made sales in 11 states in past five years. Terms reasonable. Write or wire.

FRED REPERT, DECATUR, IND.

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Am selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones--Office, 430, residence, 312.

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PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

A. V. LOCK, REMINGTON, INDIANA
Live Stock Artist.
Work satisfactory. Prices reasonable.



BUDDY K. IV

Champion Illinois State Fair, 1905; second prize aged boar, 1906, sells at public auction February 6th.

On the above date I will disperse my entire herd of Duroc Jerseys. EVERYTHING GOES.

This is not a sale of my culls, but my best stock, and I want it understood that this is a Genuine Dispersion Sale.

ATTRACTIONS.

Twenty-two tried brood sows from one to three years old; five sired by Buddy K. IV.; seventeen bred to Buddy K. IV. Four yearling sows by Buddy K. IV.

Ten yearlings by such noted boars as Tip Top Notcher, Proud Advance, Hanley, Gold Cloud and other boars of equal merit.

Twenty spring gilts by Buddy K. IV.

Twenty spring gilts by boars mentioned above.

Write early for catalogs.

Ed. A. Baxter, - Pawnee, Ill.

JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbours, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 41550. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

Allendale Dobbies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd--Herd bulls, Maple Hurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

ABERDEEN ANGUS & POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Itto by Prince Ito. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

Pleasant Hill Angus

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

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Special Rate for December Term.

All branches Auctioneering taught, also Voice Culture, Auction Law and Live Stock Judging by Special Instructors. Our graduates now in many states. "Col. J. H. Weh, of Spalding, Neb., who graduated in the July term of this school, writes under date of Oct. 3d that he has 53 sales listed to date and is getting all the work he can do." Col. W. C. Gurphey, of Ahlone, Kan., is another July graduate who is being booked on some of the best pure-bred sales of that state." For catalog address,

L. E. GRAHAM, Sec., - Chillicothe, Mo.

C. C. KEIL, LADORA, IA. LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

HIGH CLASS ANGUS

BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 34 30709, IMP. ABELOUR 41201, BELL'S ECLIPSE 34 57454, QUOQUE 46102 and LEON ARTIST 33619. Females sale in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.
Address all communications to
O. D. WRAY, Bloomfield, Iowa

10 Aberdeen Angus

BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

John E. Griffith,
WASHINGTON, IOWA.
(Mention Homestead.)

7 ANGUS BULLS 7

FOR SALE--One Queen Mother, 1 K. Pride, 2 Duches, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, Kirkman, Iowa

POOLED DURHAM CATTLE.

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159532. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAWER & DEUKER,
Kalona and Wellman, Iowa.

One Yearling Polled Durham Bull

FOR SALE--Richly bred and sired by a noted prize winner. He will be priced right and is right in every way. Address,

J. J. WILLIAMS & SON,
Grand View, Iowa

Double Standard Polled Durhams.

HAVING rented my farm, I will sell my small herd of nine head including my young herd bull Duke of Waterloo 3323, all clean breeding. Must sell. Prices right.

W. E. LOUGHARY, Puckwood, Iowa.
When writing to advertisers please mention this paper.

HEREFORD CATTLE.

250 RECORDED HEREFORDS

At Half Their Value.

25 YEARLING heifers, 20 two-year-old heifers, bred; 75 young cows in calf, 50 bulls and 15 young cows with calves at foot. A wful cheap.

One carload of bulls at Morgan, Wyoming.

GOOD ONES, CHEAP.

W. W. WHEELER, Box H, Harlan, Iowa

WILLOW GROVE
HEREFORDS

COLUMBUS 25th 109912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 31, Headed and other great bulls predominate in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months, 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadokind, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUBOC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL, Mt. Ayr, Ia.

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4TH 194318, First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

40 CHOICE HEREFORD BULLS

RANGING in age from twelve months to two years. All sired by prize-winning bull.

EDMONDS, SHADE & CO., Iowa

RIVERSIDE HEREFORDS. REGISTERED BULLS from 13 to 18 months old, sired by Hesold 29. Write me. V. C. Atwell, Little Sioux, Iowa.

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RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. L. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF
RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schrotberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA, C. M. & St. P. and C. R. I. & P. Rys.

Red Polled Bulls For Sale

Wm. K. Ferguson, Algona, Iowa

When writing to advertisers please mention this paper.

SHORT-HORN CATTLE.

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

Jns. E. Stephenson, Albion, Iowa

Otter Creek Stock Farm.

JONES CO. HERD OF Short-horn cattle

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

When writing to advertisers please mention this paper.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Hoy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy lited Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

CHRISTMAS GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable Xmas present to friends engaged in the cattle business. Six are by Goldman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Goldman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make Xmas presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead, NEW SHARON, IOWA.

WALNUT HILL HERD
REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov. at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the imported Princess Royal bull, Prince Odeic 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON, Davenport, Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN, IOWA

BLUFFVIEW
SHORT-HORNS

A FINE BRAWTH BUD BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS, NEWTON and BAXTER, IOWA

CHOICE SHORT-HORN CATTLE
FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottiab Barou. Address, J. H. MOYER, Newton, Iowa

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.

John Lefebure, Fairfax, Ia.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Obermer. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp.

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Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

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BULLS FOR SALE

AT Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

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IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

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G. H. BURGE, Prop., MT. VERNON, IA. 6 Bulls for Sale 6

INCLUDING one Scotch Mistle out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

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SCOTCH bulls at reasonable prices. Fairview Royal Bud 259037, a straight-Cruickshank, Brawith Bud, two year old bull for exchange, be by Lavender Royal 135256.

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I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

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BERKSHIRE
—BOARS—

FOR IMMEDIATE SERVICE.

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50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growthy with plenty of quality and finish, of April and May farrow.

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LARGE growthy boars, big bone and best of breeding. Prices low. Address

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THE Iowa State College offers for sale some choice early boars of the following breeds: Chester White, Duroc Jersey, Tamworth and Yorkshire; also a good lot of young gilts of the various breeds, including Poland Chinas and Tamworths, and six young bulls, three Holstein and three Red Polled Address.

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40 HEAD April farrow. Large growthy pigs. Either sex for sale. Prices right. F. L. MARSH, IRVING, IOWA.

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40 O. I. C. Boars—March and April Farrow. These long, heavy-boned prolific kind, from litters that averaged twelve pigs. Call or address, ALLEN BROS., Russell, Ia.

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CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address, W. M. MERCER, AURORA, ILL.

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45 POLAND CHINA BOARS 45

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35 SPRING boars and 10 large fall yearlings by a son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed. BERT FRY, Plainfield, Bremer Co., Iowa

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15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low. E. O. WOLCOTT, GILMORE CITY, IA.

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75 CHOICE pigs sired by Shumrock 34571, by 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's plug), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars by him for sale. Wm. Pedrick & Son, Ottumwa, Ia.

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THE get of All Dude 10643, the 800-lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's plug), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars by him for sale. Wm. Pedrick & Son, Ottumwa, Ia.

POLAND CHINA HOGS.

CHOICE

POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by imported Hammer bred ram, Hammer 192071 for sale.

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FOR SALE.

POLAND CHINA herd boar, Jack of Oak Lawn 81697, dam by Ideal Sunshine. Boars and gilts from this royally bred hog, weight 700 lbs., for sale at all times and all ages. 150 head to select from. Brood sows, gilts, both bred and open, can be had at Fairview Stock Farm.

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BOARS

30 GOOD, large, heavy-boned Poland China boars pigs for sale; weight 180 to 200 lbs. each.

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GROWTHY, HEAVY-BONED
Poland China Boars.

OUT of mature parents, best breeding, lengthy, vigorous fellows, 200 lbs. up. Customers well pleased. 999 sold in 12 years. S. Horn and P. Durham cattle. P. S. & S. Barr, Box H, it 4, Davenport, Ia.

Big, Growthy, Heavy Boned Spring Boars

Sired by Major Blain 31925, which I am pricing well worth the money. Also some good gilts bred for March and April farrow. These are the large, useful kind. Address, R. J. PECKHAM, Pawnee City, Neb.

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March farrow, of the most fashionable breeding, with good length and heavy bone and extra good backs. Sired by Orr's Duke (88967), and Ringmaster 101991. I will also sell by herd boar, Orr's Duke 88967. Write to M. A. Easthouse, Hartley, O'Brien County, Iowa.

20 BOARS. POLANDS. 40 SOWS.

CAREFULLY culled and well bred. Five March boars that will make herd headers, sired by High Looker, a World's Fair winner, and Justice by Corroter. Large prolific litters. My pigs will make 800 to 1,000 lbs. at maturity. Write for prices or call. Special offer. M. G. Arnold, Strawberry Point, Iowa.

PRAIRIE VIEW HERD POLAND CHINAS

20 GROWTHY, heavy-boned March and April boars and gilts, sired by S. B's Choice 106849; also yearling sows and herd boar. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. M. & St. P. or C. R. I. & P. J. D. Vorhees, It. 5, Charles City, Iowa

100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Winner of Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days. DR. H. PRITCHARD, WISNER, NEB.

Sandquist Bros.,

OAKLAND, NEBRASKA. BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

POLAND CHINA BOARS AND SOWS.

PIG boned lengthy fellows with broad backs and plenty of finish. By H's T. C's U. S. 55611 an 800 lb. hog in show shape. Their dams matured sows. Priced cheap to move them. J. B. McALLISTER, PAJO, IOWA.

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SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

Hustle On 105337 Heads Herd.

400-lb. fall males, large, heavy-boned Poland Chinas. Spring males, the kind that all want. S. L. Wyandotte and R. C. B. Leghorn cks. \$1. S. H. cattle, Inter-state phone. F. Ebendorff, Strawberry Point, Ia.

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140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Uceda Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me. W. N. Booth, Daubury, Iowa.

Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall. Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOR SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address, Jno. Schmieder, Remsen, Iowa.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blandinsville, Illinois.

Poland China Hogs

FOR SALE: six yearling boars. Good length, large bone and from large families. Sired by Perfection E. L. 2d 110003. Price \$18 and \$20. Address, Judy & Delshmidt, Salem, Iowa

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POLAND CHINA HOGS.

BOARS
ALL SOLD

WE will sell our herd boar, Iowa Chief, after the 15th of Dec. He is sired by Ed. Kiever's Thickset, and out of Lady Hart, by Ideal Perfection. Measurements: length from between ears to root of tail 56 in.; heart, 66 in.; flank, 66 in.; bone 9 1/2 in. He is out of a litter of eight and sires large even litters. One of the representatives of this paper pronounced him one of the best Thickset boars in the West. We are also offering live Short-horn bulls, old enough for service, at very reasonable prices. Brood sow sale, Feb. 12, '07. Send for catalog after Feb. 1st. Col. F. M. Woods, Auct.

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MODERATE prices for the best blood of the breed. Herd headed by Master Sunshine 72227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S., best sow outside of Perfection family. M. S. is assisted by Eldorado 106425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Meddler, Corrector 2d, Spellbluder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockerels, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

Poland China Bred Sows and Gilts

FOR SALE.—Sired by great boars and bred to L's Sunshine, 2d prize boar at Sioux City, and onward, a son of Keep On, bred for April and May farrow. Write and describe what you want. A. C. LANHAM, Battle Creek, Iowa

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

45 ROYALLY BRED POLAND CHINA BOARS.

SITTED by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are Al boars. J. C. Hoag, - - Manson Ia.

DUROC JERSEY HOGS.

100 CRIMSON WONDER DUROCS 100
I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles H. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

PILOT LAD 15153.

9D prize under year Duroc boar Illinois State Fair, 2 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices. L. H. Bryan, R. R. 1., Neponset, Ill.

BOARS! BOARS!

FOUR HERDS, Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794.

BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, by Crimson I Am 43105, by Crimson Wonder, F. A.'s Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred. F. A. STRONG, ORIENT, IOWA

50 Toppo Duroc Jersey Boars and Gilts

SIRE by Junior Jim and Arion. A choice lot of breeding stock will be priced right—so they will go—during the next thirty days. If you want something good, write at once. R. C. POSTON, Corydon, Iowa

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd full expansion at a reasonable price. No swine for sale now. Spring sale February 13, 1907. J. B. Davis & Son, Fairview, Kan.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

CHOICE DUROC JERSEY Spring pigs of March and April farrow, either sex. Good weight, bone and color. Frank Warwey, Mt. Pleasant, Iowa.

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

SPRING boars sired by fancy Crimson Wonder. P. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

MIDLAND DUROCS 15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeston, Iowa.

10 DUROC boars. Let me describe a \$15 or \$20 boar; 10 inquirers intending to buy will clean them up. Try it. Pedigrees sent. S. S. Krebill, Donnellson, Ia

DUROC JERSEY BOARS---SHROPSHIRE RAMS S. M. DEYO & SON, Mason City, Iowa.

IF you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

DISPERSION SALE
OF HEREFORDS

ON DECEMBER 28, 1906

AT THE JOE HAMPTON FARM, SIX
MILES SOUTHEAST OF MUS-
CATINE, IOWA.

I will sell at one o'clock, 35 Registered Hereford cattle. 18 cows bred, 6 with calves at foot; 11 yearling heifers and 6 bulls, including my herd bull, Sir Jack 144604, an intensely line-bred Anxiety bull. This stock all descends from Adams Earl, W. S. Van Natta and John Sparks' Purchaser. In the forenoon I will sell 18 yearling steers and 30 cows and heifers, high grades. Parties from distance will be met at Muscatine with free conveyance. Stock loaded F. O. B., Muscatine. Sale is in Illinois.

MARTIN LIEBIG, Owner

S. L. JOHNSON, CLERK.

COL. GRIFF JOHNSON, AUCTIONEER.

DUROC JERSEY HOGS.

CLOVER LEAF HERD OF DUROC JERSEY SWINE

A CHOICE lot of boars and gilts for sale, most of which are sired by Pine 37903 winner of 2d in class at Minnesota State Fair, 1905. Special price on 20 good boars to close them out. 1 ship no culls and guarantee everything as represented.

CLYDE H. SMITH, R. F. D. 1, Riceville, Mitchell Co., Iowa

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y., state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come. WATT & FOUST, - CEDARVILLE and XENIA, OHIO

10 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 11452 and sired by Proud Advance 23649. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address,

JOHN WEIGHTON, Audubon Iowa.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 toppo spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

HARMON GRUYER, Brewster, Minn.

The "Nancy Herd" Durocs } Sow sale } Pigs by Orion, Junior Jim, Critic's Echo, FEBRUARY 25, 1907. } Inspection invited. 125 pigs. Write us. W. A. STAPLES & SONS, - - - GLIDDEN, IOWA.

IOWA BANNER HERD DUROC JERSEYS.

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. W. L. ADDY & SON, Parnell, Missouri.

L. H. ROBERTS & SON, Paton, Iowa, breeders of Modern Duroc Jersey Swine. We have for sale boars and sows of the most approved and aristocratic strains of blood. Will breed a choice lot of gilts for the winter's trade and price them right. This is the old Wm. Roberts & Son herd of Duroc Jerseys re-instated.

Bred Gilts and Sows at Reasonable Prices. I HAVE a very nice bunch of Duroc gilts to sell, bred to Chief Knight 52495, by Red Knight, and dam Improver Jewell. Others to Imp. King 54117, by Hamilton's Improver, and dam North Star. My yearling sows are bred to Ham's Challenger. F. A. Ham, Saronville, Neb.

DUROC BRED SOW SALE, FEB. 13, 1907 HERD boars King Top Notcher 38703, 2d prize senior yearling at Des Moines, '06, Crimson I Am 43105, by Crimson Wonder H. A.'s, Choice Goods 51197, by W. S. A.'s Choice Goods, mated on the tops of over 60 head to pick from. Address, H. A. SEXSMITH, GREENFIELD, IOWA.

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others. W. A. Peterson, Lyons, Neb.

HILLSIDE HERD SPRING BOARS & GILTS OPEN AT BENSON, NEBRASKA \$15 PER HEAD.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHEL & SON, MACON, ILL.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar. F. E. Garrett, Lohrville, Iowa.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, Wall Lake, Iowa.

Minnesota's Sweepstakes Duroc Jerseys. I WON 1st and sweepstakes on boar at Minnesota state fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimson Wonder I Am blood. Good boars for sale. Wm. Malcolm, Bigelow, Minn.

Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each. I. C. Welch, Bedford, Iowa.

DUROC JERSEY HOGS.

WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow; sired by Top Notcher Model 57663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advancer and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R. J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

Thos. Bennett,

Rossville, Ill.

HOMESTEAD again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

GOLDEN DUROCS
HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

ATHELRED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," it J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

Duroc Jersey and Tamworth Boars

FOR SALE.—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Bevington, Kingsley, Ia.

40 TOPPY DUROC JERSEY BOARS 40

SIRE by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alix, litter brother to the sweepstakes sow Alix II. Good ones. AUSTIN RENSCHAW, Blair, Neb.

BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hauley, Big I Am, and other noted sires at reduced prices. Write for descriptions. H. B. GRIFFITHS, Bowen, Ill.

MAY & PORTER,

REMINGTON, IND.

MAYOR'S CHIEF 4727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head mv herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys.

OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow sale will be Jan. 23, 1907. Write us and find out what we have to offer.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25803, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

WELCH'S
POPULAR
PRICED
DUROC
JERSEYS

I HAVE 90 choice spring pigs sired by grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, Ia.

40 DUROC-JERSEY BOARS. 40

SIRE by Chief of Chiefs, a son of the great S. Winniesnek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, - - KENNARD, NEB.

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18418. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

80 BIG BONED DUROC JERSEY RED PIGS 80
FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

THE Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

HORSES.



Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

Watson, Woods Bros. & Kelly Co., LINCOLN HOTEL BUILDING, Lincoln, Neb.

DUROC JERSEY HOGS.

BUY A DUROC JERSEY BOAR

Sired by
Crimson Wonder Again

The Iowa State Fair Sweepstakes Boar.

I HAVE them and they are good ones. Also some choice boars by Lottie's Top Notcher. Order right away if you want one. Address,

GRANT SUMMERS, Malvern, Iowa

A CHOICE COLLECTION Of Duroc Boars For Sale.

DESCENDANTS of famous sires, 'Tip Top Notcher, Ohio Chief, Improver 11, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

Fagan, Browning, Hess & McCabe,
HERSMAN, ILLINOIS

Maple and Lawnsdale Herds DUROC JERSEYS.

Will sell a few Spring gilts bred to Illinois Chief, the sensational boar recently purchased by us. Also will breed a few sows to Illinois Chief and the noted boar, Hambletonian, at a reasonable fee. Address either

MANLOVE BROS. or J. H. NORRIS,
Bowen, Illinois.

IOWA HERD OF DUROC JERSEYS. (Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, Paton, Iowa.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.
2d prize boar in 18 months class Iowa Fair, 1905.
2d Munley Orion, Proud Advance, Keep On 2d boar ready to go, also boars by Tientsin, that are full brothers to Riherta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

FANCY DUROC JERSEY SWINE OF BOTH SEXES FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker and other leading strains.

C. W. WOLF, HAMPTON, IOWA.

SEPTEMBER DUROC JERSEY BOARS

At \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

DID YOU SAY BOARS?

INDIVIDUALLY and in blood lines the Averydale boars are as good as can be found. Shall we tell you about them? Your money back, if we misrepresent them. A. M. Avery & Sons, Phone Averydale Line No. 3, Mason City, Iowa.

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good.

R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

ELM LAWN DUROCS.

My yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by Ilin and Elm Lawn Top Notcher are offered at prices that should move them.

Chas. Schottin, - - - - - Calneville, Mo.

LARGE YORKSHIRE HOGS.

LARGE YORKSHIRES. World's Fair Champion Herd.

SPECIAL offering now of 168 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD,
Box 2, - - - - - Lake Park, Minn.

YORKSHIRES.

THE type the Packers want. Service boars now ready to ship. Prices low for quick sales to make room for fall litters.

Mondamin Farm, White Bear Lake, Minn.

When writing please mention this paper.

His Majesty, King Edward VII, and Lord Rothschild's Exhibit of Stallions were purchased by us at the INTERNATIONAL, CHICAGO, 1906.

ROBERT BURGESS & SON,

Prizes Won in this Year, Demonstrating to the Public the SUPERIOR QUALITY of our Stud.

Champion Percheron stallion at the Kansas State Fair; champion Belgian stallion at the Kansas State Fair; champion Shire stallion at the Illinois State Fair; champion Shire stallion at the American Royal, Kansas City, Mo.; champion American-bred Percheron stallion at the American Royal; first best five Percheron stallions at the Kansas State Fair; first best five Belgian stallions at the Kansas State Fair; first best five Shire stallions at the Illinois State Fair; first best five Shire stallions at the American Royal, Kansas City, Mo.; second best five Belgian stallions at the American Royal, Kansas City, Mo.; second best five Percheron stallions at the American Royal, Kansas City, Mo.; first, third and fifth Shire stallion four years old and over; first Shire stallion three years old; first Shire stallion two years old; first Shire stallion one year old; champion Shire stallion any age; gold medal best imported Shire stallion any age; second Percheron stallion one year old; second Percheron two animals from same dam bred by exhibitor; third Hackney stallion four years old and over; third Hackney stallion three years old.

Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the HELPER who is assisting in placing the stallion in your neighborhood, who is usually one of your own neighbors (the most influential man) whose influence is obtained by a large commission paid to him by the seller, in placing the stallion. The long-time notes from three to five years, have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. WE KNOW WE CAN SAVE YOU AT LEAST 50 PER CENT. IF YOU HAVE TO HAVE A COMPANY TO HAVE A HORSE IN YOUR NEIGHBORHOOD, FORM YOUR OWN COMPANY and come to the barns. BE CONVINCED THAT YOU CAN SAVE from \$1,000 to \$1,500, which has to be paid to this influential neighbor or neighbors.

Good American Bred Stallions, \$800 to \$1,000 **First-Class Imported Stallions, \$1,200 to \$1,600**
CHOICEST STALLIONS A LITTLE HIGHER.

We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over 32 years—longer than any one man in the stallion trade—and we guarantee to make every deal satisfactory to you. Get our guaranty and insurance direct from headquarters. Visit our barns and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and has the quality of stock that will suit the people, is perfectly good for the guarantee and will sell to you more good horse quality for less money than anyone. Come to the barns and get the most reasonable terms that can be offered.

WENONA, ILLINOIS.

WICHITA, KANSAS.

DUROC JERSEY HOGS.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientsin 17261. Imp. Wonder 43561, A. L. Advance 43331, Odehelt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best.

P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 33-3, RADCLIFFE, IA.

CRIMSON WONDER I AM 34697

Heads the
American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I AM for \$100 service fee. Address,

U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 53993; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 4413, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paullina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH, HAMBURG, IOWA.

POLK COUNTY HERD DUROC JERSEY SWINE

50 choice gilts from the following strains: Proud Orion, Manley Orion, Granddaughters of Proud Advance, Bill K. Malcom's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars; a son of Tipton Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices.

Grand Sow Sale February 4, 1907.

ROY WEST - - - - - BONDURANT IOWA.

40 DUROC GILTS 40

BRED for March and April farrow. Bred to Crimson I Am 53591, grandson of Crimson Wonder 26355, Top Notcher Boy 53589 and Kant Beat Me 53337, by Kant Be Beat 10239 A. I have the good ones. Inspection invited. Correspondence solicited.

FRANK KEAN, - - - - - Mt. Pleasant, Iowa

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Breed sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

GRANT WHITE, AFTON, IOWA.

ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, PETERSBURG, ILL.

OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

G. T. ROGERS, PETERSBURG, ILL.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Rood Bros., (Swine Specialists), Lake Park, Ia.

I. J. FORTON, Union City, Ind., proprietor of the I. J. Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts hooked. All stock guaranteed as represented. I. J. Forton, R. R. 35, Union City, Indiana.

DUROC JERSEY HOGS.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

HANLEY BOARS FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

SHELDON BROS., A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS.,
Shannon City, Iowa.
Successors to H. C. Sheldon & Sons.

INDIVIDUALITY and breeding combined. About 170 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Harelock, Neb.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, Portsmouth, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief 1 Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fattened, prolific, pedigreed, & stratus. J. C. Jay, Mt. Pleasant, Iowa.

Sutter's

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Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.
TRUMANS' Have the right kind.
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TRUMANS' Now a Household Word.
TRUMANS' Commenced with Prize Winners.
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TRUMANS' Know how to find them.
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TRUMANS' Hence our success.
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TRUMANS' Treat you right.
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TRUMANS' Came to stay.
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TRUMANS' Horses admired by the crowd.
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TRUMANS' ALWAYS ENGLISH Winners.
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TRUMANS' Of their Exhibits.
TRUMANS' Don't want dirty work.
TRUMANS' Don't pay for it.
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TRUMANS' Can do without it.
TRUMANS' No shifty business.
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

TRUMANS' PIONEER STUD FARM

BUSHNELL, ILLINOIS.

S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

25 Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors. 25



No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coachers you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.

M. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

PERCHERON HORSES

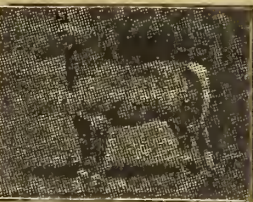
100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



Percheron Stallions and Mares.

I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1650 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

JESSE S. GOLDER, Scribner, Neb.

Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

NICHOLAS STAMM, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

JACKS.

FOR SALE.

GOOD: large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



HORSES.

FRANK IAMS

"Special Train" arrived August 14, 1906, carrying 120 "Peaches and Cream" Stallions. They are "Iams' kind," the "Best ever." Winners and "Sons of winners." \$1,000 and \$1,500 buys Imported "Topnotchers" of Iams. Watch "Iams' Smoke." He has his "Selling Clothes" on daily. No buyers with money or bankable notes get away from Iams. He buys, owns and sells more first-class draft and coach stallions than any man in U. S. "Whoa Bill"—Buy a stallion this fall—"Save \$200" and get choice of Iams' barns filled to the roof with

168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

Mamma—Iams always has the best horses at Nebraska state fair. Iams' 2, 3 and 4-year-old Percheron and Belgian stallions won every first prize (bar one) and sweepstakes prize in both breeds (over all) and many second and third prizes. Iams' "Black Boys" are "Hot Stuff" for competitors; and Iams saves buyers all commissions and middlemen's profits. Iams is not in the "Stallion Trust."

\$1,000 SAVED AT IAMS \$1,000

Ikey, what a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "Topnotchers" so good, big and cheap that they do not need to be peddled to be sold. Mr. Buyer, see Iams' stallions yourself. Take no "gold brick stallion salesmen's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! buy a stallion of Iams. His 1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye opener and greatest horse catalog on earth. References: St. Paul State bank and Citizens National bank.

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LEER, GERMANY, - - - WATSEKA, ILLINOIS.

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...We are also Extensive Importers and Dealers in...
Percheron and Belgian Stallions.

Our Buying Facilities Unsurpassed.

The senior member of our firm, Landschaftstrat O. V. Oltmanns, resides in the German Coach horse district and within four hours' ride of the Percheron and Belgian horse districts of France and Belgium and is ever on the lookout for the finest and best the Old Countries produce.

We buy better horses at less expenses than any other importer can possibly do and for that reason can give you a better horse for less money than you can buy elsewhere.

WRITE US FOR FULL PARTICULARS OR CALL AT OUR BARN.

OLTMANN'S BROS., - - - WATSEKA, ILLINOIS.



PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not jampered with grain and drugs; thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



THE KNOX BIG GRINDER

**THE FASTEST TWO-HORSE GRINDER BUILT.
WE GUARANTEE THIS.**

¶ Over two thousand of the Knox Big Grinders sold in the last three years, and every one of them pleased the buyer. If you need a grinder we guarantee it will please you. ¶ There is no breakage with the Knox Grinder. Every part is strong enough to stand ten times the working strain. It weighs 800 pounds. It is a BIG GRINDER. We guarantee it for two years. ¶ The draft is light; an ordinary team will run it easily. There is no wear out to it. It will last a lifetime. By putting in new burrs at any time it is as good as new. We have customers who have ground 10,000 bushels with one set of burrs.

A. C. BINNIE & SONS.
Importers and Breeders of
ABERDEEN-ANGUS CATTLE.

Alta, Iowa, April 7, 1906.
Western Harness and Supply Co., Waterloo, Iowa.
Gentlemen: Some time ago we bought a Knox Big Grinder of you and are well pleased with it. It is one of the easiest running and fastest grinding mills we ever saw.
Yours truly, A. C. BINNIE & SONS.

We also make Power Mills, Feed Cookers, Tank Heaters and a full line of harness. Write for free catalog today.

R. M. KNOX, PRESIDENT.

WESTERN HARNESS & SUPPLY CO.,

Box 53, WATERLOO, IOWA.



**FROM FACTORY
TO YOU FOR \$23.25**
IF IT IS NOT THE BEST
GRINDER YOU EVER
USED WE WILL REFUND YOUR MONEY.

Compare Size and Weight of the Knox Big Grinder with Other Makes.
GUARANTEED TO GRIND

35 to 50 bushel baskets of shelled corn per hour with coarse burrs.
30 to 50 bushel baskets of corn and cob per hour with coarse burrs.
10 to 20 bushel baskets of small grain per hour with fine burrs

HORSES.

Breeders' Sale--200 Horses 200

BLOOMINGTON, ILL., IN COLISEUM, Jan. 9, 10, 11, 1907.

Wed. and Thurs., Jan. 9, 10, Will sell 140 Reg. Percherons, French Draft, Shires, Clydesdale horses, mares, stallions
Friday, Jan. 11, Will sell 60 Reg. Trotters, Grade-Draft, Coach, All-Purpose and Saddle horses, stallions, mares and geldings.

These horses are consigned by the very oldest breeders in the state and out of the very best families and show herds, that represent over 2,000 premiums to their credit. We don't claim to have all the prize winners of France, England or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield and other fairs in 1904-5-6. This will be one of the largest sales of pure-bred horses ever held in the state. These are the wide-as-a-wagon kind and a number of them will weigh over 2,000 pounds. We have some with fast marks and several good match teams and a number of gentleman drivers.

CONSIGNORS—Wm. Crownover, Hudson, Iowa; A. J. Dodson, Normal, Ill.; A. M. Storm & Son, New Lenox, Ill.; John C. Baker, Manhattan, Ill.; D. Augustin, Carlock, Ill.; Hurt & Reid, Arrowsmith, Ill.; Ed Hodgson, El Paso, Ill.; Ed Moots, Normal, Ill.; Barron & Raboin, Ashkum, Ill.; Geo. D. Enyart, Onward, Ind.; S. H. Johnson, Minier, Ill.; Downs Bros., Clinton, Ill.; Tisley Bros., Lockport, Ill.; Wm. Ritter, Arrowsmith, Ill.; Walter Allen, Dunlap, Ill.; W. F. McTaggart, Pana, Ill.; Bloomington Horse Commission Co., Bloomington, Ill.; Elvin & Campbell, Bloomington, Ill.; M. G. Murray, Holder, Ill.; Frank McClure, Gibson, Ill.

COLS. R. L. HARRIMAN, JOHN D. SNYDER, C. W. HURT, MGR., ARROWSMITH, ILL.
D. L. BROWN, AUCTIONEERS.



TAYLOR & JONES, WILLIAMSVILLE, ILLINOIS, IMPORTERS AND BREEDERS OF PERCHERON, SHIRE AND BELGIAN STALLIONS.

WE ARE SELLING OUR STALLIONS DIRECT FROM OUR BARN AND
SELLING BETTER HORSES AT FROM \$700 TO \$1,400 THAN
ANY OTHER FIRM IN AMERICA.

We have a few sensational show horses that will come some higher, such as Arrowside Duke, first-prize aged stallion Illinois State Fairs 1905 and 1906 and at Chicago International.

Our new importation of horses has just arrived by special train from New York, including TATTON CHIEF, probably the best and highest-priced Shire that has crossed the ocean; the celebrated Percheron stallion, ADJUGE, and the great Belgian horse, MARTIN DU HAZOIR, with many other prize-winning Shires, Percherons and Belgians.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.



THE Lafayette Stock Farm Lafayette, Ind.

Largest importers in America of Oldenburg German Coach, Percheron and Belgian stallions and this no man can dispute. Our importation of 1906 arrived November 15th. We have won more blue ribbons in 1906 than all other importers combined.

At the great Illinois State Fair at Springfield we won, out of fourteen shows, twelve blue ribbons in the Percheron, Belgian and German Coach classes. We won the championship offered for the five best Percheron stallions owned by one firm and also the same championship offered for the best five Belgian stallions. We won the championship for best Belgian stallion and second, third and fourth in that class. At all other fairs we have done as well and we can show buyers more good, serviceable draft and coach stallions than ever before.

Our exhibition in 1906 at the great International surprised the hundreds of thousands of visitors that attended. We can and do sell our stallions as low as they can be sold at any place in America.

DEPARTMENTS

SEDALIA, MO. NASHVILLE, TENN. SAN JOSE, CAL.



VOL. LI. NO. 52.

DES MOINES, IOWA, DECEMBER 27, 1906.

WHOLE NO. 2580

THE HAPPY NEW YEAR.

The year 1906 closes, so far as The Homestead is concerned, as we go to press on this, the twenty-seventh day of December. The issue will reach our readers during the bustle and turmoil of the holiday season—at a time when the greetings of a new year are on the lips of all.

History records no period of twelve months that brought to the people of the United States so large a degree of prosperity as did the year 1906. Home and foreign trade during the year simply bounded past all former records, and as a result we have the most genuine kind of prosperity permeating every class of society.

Of the fulness of things The Homestead has had its share, and we know that to the great majority of our readers the year has been a fat one. The most appropriate greeting, therefore, we can extend to our readers is to wish for them that the year of 1907 will prove to be but the counterpart of the year that is now closing, bringing with it the same plenitude to which the great majority are now accustomed.

Our lot has not fallen among times when all things in our political and industrial lives is exactly as we desire, but every man who looks on the right side of things will acknowledge that there has been progression. Men whose dominating motive is greed are being hemmed in by sensible laws. Corporations are learning the lesson that individuals have rights which must be respected, and this in turn opens wider the door of opportunity to the rising generation.

When it comes to affairs on the farm we find that things are in a healthy condition. The crop that has just been stored is a bountiful one, and its bulk and quality are partly due to increasing intelligence on the part of producers. There never was a time in all the ages when agriculture as an industry was held so highly in esteem by all men as at present, and never a time when the individual farmer was so near to the front in the matter of intelligent citizenship and all that this embraces.

From the standpoint of an agricultural journal it is exceedingly important, as the foundation for another year's prosperity is being laid, to adhere closely to the sounder scientific principles of modern times. In other words, let there be less guess in our affairs in 1907 than in 1906. Keep in mind that good crops can only come from good seed, planted in a well prepared soil. Keep in mind, also, that the improved animal, as found in all modern breeds, has been brought to its present high standard by improved methods of care and handling. The high type of these animals can only be maintained, let alone improved, by putting skill into their care and their management. This matter of using good seed and giving the soil good care, in addition to the keeping of animals of a high class, represents a profitable type of agriculture, but it represents much more. It furnishes an ideal to the boys and girls that will do more to rivet their affections to the farm home and what is found there than all the other forces combined that ordinarily can be brought to bear.

If The Homestead could express one wish which would be fulfilled in the case of each individual reader it would be that there shall in

1907 be grown on every farm some seed of the principal crop produced that is just a little better than has ever been grown there before, and that there shall be introduced into the herds blood just a little richer than has been found there in the past.

The things that contribute to our prosperity are the same things that bring happiness to us daily, and the chief joy of life must be found in our daily tasks. No man ever enthused or even experienced much joy over producing a poor crop or poor animal. We need better crops and better animals because of their commercial value, but we need them more because of the effect on ourselves of producing the improved kind.

In wishing its readers a Happy New Year The Homestead can only promise that it will endeavor to do its part during the coming year to lighten the labors of the man who toils with his hand, by making his work more effective, and to give such timely advice as will prevent or tend to prevent its readers from making costly blunders. We expect to help each subscriber a little in the building up of his material prosperity, knowing that when this is done it contributes in the greatest degree to the higher mental attainments and satisfactions.

DRAINAGE CONVENTION IN OKLAHOMA.

At the conference of drainage interests which was held in Oklahoma City, December 5th, 6th and 7th, sixteen states

were represented by one or more delegates. The meeting resulted in the organization of the National Drainage Association, of which Hon. Geo. E. Barstow, of Texas, was chosen president. The work of the new association will be carried on under the direction of an executive committee of six members, the president of the association being an ex-officio member also.

It is probable that the executive committee will maintain its office at Washington. The object of the National Drainage Association will be to secure the co-operation of those citizens of the several states which are particularly interested in the reclamation of swamps, marshes and other lands which are submerged or subject to overflow, by the construction of drainage ditches, levees or other artificial means of relief or prevention. The effective campaign of education which has been carried on in recent years by the irrigation interests furnishes an admirable example of what may be accomplished in the way of practical results by systematic efforts along nearly parallel lines. The almost unanimous sentiment of the delegates present was favorable to the inauguration of a national policy with reference to the reclamation of undrained lands. The membership fee is \$5.00 per annum. The National Drainage Association will hold its next annual meeting at St. Paul, Minn., in October, 1907.

GRADING UP HORSES.

Prices for draft horses have been high enough during the last few years to in-

duce every man who is in a position to raise draft colts to get into the business. These colts in most instances must be raised from grade mares, because at the present time not more than one mare in 150 in the entire central West is eligible for registration, or, in other words, they are grades.

Dr. Alexander, in his recent bulletin on "The Horse-Breeding Industry of Wisconsin," deals with this question of grading up and among other things says:

The stallion owner could do much good by decrying the practice of breeding from a mare of different blood than that of the stallion. If the mare is rich in the blood of a particular breed, further progress in the grading up process instantly is stopped by mating her with a stallion of a different distinct breed. The filly foal from such mating will be a cross-bred and, while such animals are often good sellers, they practically are useless for breeding up to purity of blood, so cannot profitably be used to carry on the up-grading work. If, on the contrary, the grade mare once more had been bred to a stallion of the breed used in her up-grading, her filly foal would be one step nearer pure blood than the dam, and if the filly, in turn, were bred to a stallion of the same breed as its sire, the offspring would still farther progress in purity of blood and all of the breed attributes accompanying its possession.

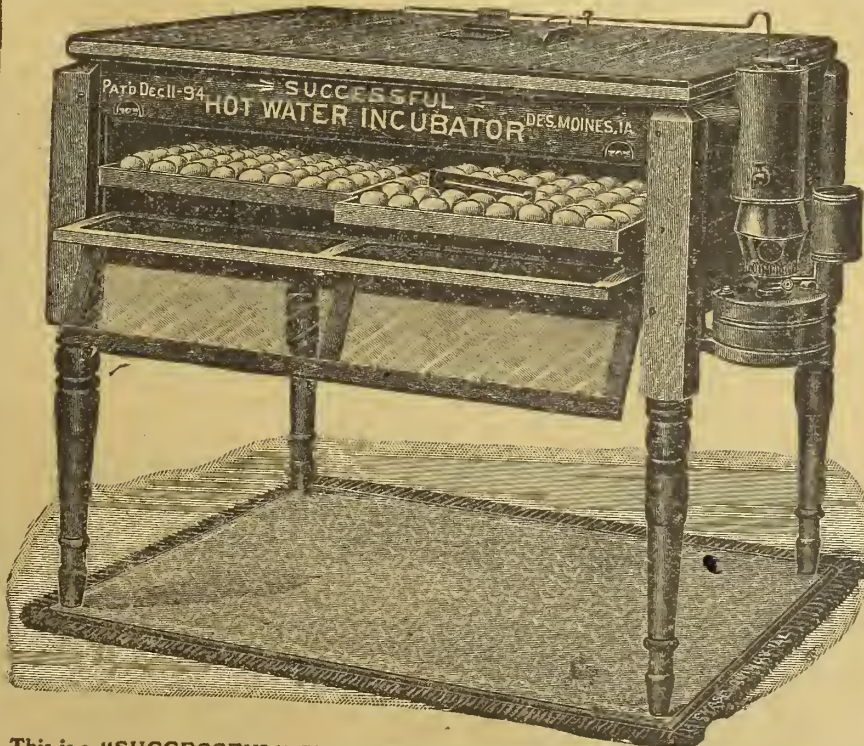
This is the process we advocate for general practice throughout the state. The stallioner will help on the good work if he unselfishly accepts as mates for his stallion only those mares that are of like blood or graded up to a certain degree with the blood of his breed. If he allows his horse to mate with a mare of alien blood he hinders the progress of horse breeding in Wisconsin and he should be philanthropic enough to educate his patrons to mate their mares with stallions of suitable breeding so that, in each case, the upward grading process may be continued.

To make this matter plainer it may be suggested that the owner of a pure-bred stallion of any one of the recognized breeds should to the best of his ability dissuade the owners of mares from breeding to stallions which in blood are different from the mares. If a mare, brought for service, is seen to be of a breed different from that of the stallion the stallioner should persuade the owner to take her to a stallion of her own breed or blood, and in so doing, he will encourage the grading up of our horse stock.

By acting contrary to this plan the owner, even of a pure-bred, sound stallion of fine individuality, quality and utility, actually is retarding the progress of horse breeding. On the other hand, did he always use his horse to a suitable, sound mare of like blood the upward grading process would go on apace and result eventually in a grand stock of practically pure-bred, sound horse stock in Wisconsin in place of the present sorry aggregation of non-descripts, misfits and mongrels.

It is to be hoped that the day will soon come when it will be practicable to carry out the excellent advice given here by Dr. Alexander. At present it would be very difficult to comply with the conditions here laid down. In the first place, it frequently happens that men in one or more townships have only access to stallions of the same breed and if they must breed mares, no matter what their breeding may be they are obliged to use these horses. We have in mind one instance where you could search a whole county and not find anything, but Percheron stallions, and yet within the borders of that county are plenty of grade Shire and Clydesdale mares. Under such circumstances it can hardly be expected that the stallion owner, who is necessarily in the business for the revenue in it, will turn away such mares. To the mare owner it is simply a matter of breeding to a Percheron horse or no horse, and while we do not like the plan of mixing the blood, yet if the mare is sound and of good weight, and likewise the horse, we would take our chances, at the present prices of good geldings, on a colt from a good grade Shire or Clydesdale mare, for example, and a sound ton Percheron horse.

The conflict here between what is theoretically sound and what is practicable



This is a "SUCCESSFUL" Chicken Factory, made by the Des Moines Incubator Co., Des Moines, Iowa.

The hatching season is close at hand and with the accompanying illustration we like to remind our readers of the largest and best-equipped plant for manufacturing incubators, brooders and poultry supplies in America. Last year this firm sold many thousand machines all over the world. Can anyone imagine such a number of incubators and brooders, shipped mostly between January and June? It certainly signifies that the machines must give entire satisfaction to the people who use them or such an enormous output could not be possible. Furthermore, if you consider the fact that the Des Moines Incubator Company have now been in business here for almost fifteen years, we believe we can make the statement that the company have built up its wide reputation largely on the merits and good quality of their machines and that it is the best guarantee of satisfaction to anybody who wants to invest in a hatching outfit this season. Those interested should write at once for their large and beautifully illustrated catalog, just from the press. It is a very interesting book for everybody who raises or wants to raise poultry and is printed in English, German and Swedish. A postal card addressed to this firm will bring either one to you by return mail.

can only be stamped out by men in a community taking up one breed of horses. In this respect there is a splendid opportunity for a profitable line of co-operation between farmers. By pulling together it will be more profitable for all.

THE COLLEGES IN COMPETITION WITH INDIVIDUALS.

Reference is here made to the practice of admitting the colleges to compete with private individuals in the steer, hog and sheep classes at the Chicago International Exposition. The winnings of these state institutions have been notable, and of course this in every instance has been due to the fact that they had the goods to show and in most cases the animals have been fitted to the point of exact ripeness. No one has ever claimed that the colleges got more than they were entitled to.

The herd from the Kansas Agricultural College this year took high rank, and The Industrialist, which is published by the Kansas Agricultural College, comments on the winnings as follows:

The state agricultural college secured a good slice of the premium money and honors as a result of the showing of fat steers at the International Live Stock Show in Chicago last week. Ten head of steers were shown, winning in all, five first premiums—three second, one third, two fourth, one championship and one reserve championship. In the pure-bred Short-horn two-year-old class the white steer, Tim, won first place easily in a class of eleven head. In the yearling class the smooth, blocky steer, Captain Primrose, secured fourth place. The college calf, Colonel Harriman, did not get inside the money in the open calf class, which was one of the strongest classes of the Short-horn show. In the senior calf special of the Short-horn association, Colonel Harriman won fourth place. The college herd took second place on the Short-horn herd with Tim, Captain Primrose, and Colonel Harriman.

In the open cross-bred and grade classes for two-year-olds the grade Angus, Kansas Laddie, of the college, was walked to the head of a herd of twenty-nine entries. In the Short-horn special for two-year-olds grades, Pride of the Maples took third place. Pride of the Maples also won first in the Short-horn special, beating Tama Jim, Jr., a blue-gray shown by the Iowa college. Boniface, shown by the K. S. A. C. in the senior calf class, won second place in the Short-horn special for senior grade calves.

The college won first in grade Short-horn herd, with the steers Landor, Pride of the Maples, and Boniface. In the calf class the college had an exhibition in the calf ideal, winning first place.

Now, while this state of facts brings much credit to the institution and to the men in charge of the animal husbandry department, yet at the same time it does not brighten the outlook for the individual who has ambitions to become an exhibitor at the International. An exchange recently suggested that the day has arrived when competition between the stations alone should be cut out if they are to show in the open classes. The average stockman believes that this is putting the matter wrong end to and that, in reality, the stations should be allowed to compete with one another, but not with the public.

It is not necessary to point out why it is that the state institution has a natural advantage over the private individual, and because of this natural advantage most states in the corn-belt prohibit the college or station from competing with the private individual at the state fair. It is not for us to say whether or not the day has come when the keen competition put up by the colleges tends to cut down competition between individuals, though we do have in mind instances where individuals who formerly competed have withdrawn on the grounds that, while they are willing to take their chances in open classes with the private individual, they cannot go to the expense of fitting only to be scooped out of the premium money by state institutions.

The colleges are represented on the board of directors of the International, and rightly so, and it is to be presumed on general principles that college competition will be allowed in the future unless some organized effort is put forward to disqualify state institutions. They have taught the public a valuable lesson and have attracted attention to themselves in a way that has extended their influence for good and in a manner that could have been accomplished in no other way so effectively.

This is a proper subject for discussion, and we hereby solicit the views of either those who have had practical experience in competing at the International or those who have not been competitors, but who have watched with interest what has transpired there from year to year.

The Problem of Renting Lands

BY B. S. ALLEN.

Since the renting question has been opened, I wish to discuss the problem with the landlords and renters of The Homestead.

As the assistant secretary of the Allen Land & Loan Co., at Laurens, Iowa, I have the management and care of about seventy farms and am dealing with as many or more renters. We have been in Pocahontas county for the past twenty-two years and during all that time we have been owning and renting lands.

First, I wish to consider the plan of renting proposed by Mr. Reinhart, of Dallas county, Iowa. With all due respect to Mr. Reinhart, experience forces us to the conclusion that the plan suggested by him is open to some criticism. The plan he proposes is, indeed, fair enough to both parties, but the trouble is to find the man. He bases his plan upon finding a man who is as good a business man, as good a manager, and as capable in every way of running a large farm as is the landlord himself. This is almost impossible for a man of such capacity will be found doing business for himself. Moreover, I believe that if everything on the farm is to be shared equally, as Mr. Reinhart proposes, there should be no charge made for pasture land. A plan which we have tried several times in the vain hope of finding a man who would make money for himself as well as for us is as follows:

We furnish the land with no rents whatever charged for pasture, meadow, or farm land, and one-half of everything needed to stock the farm except the horses and machinery, which the renter furnishes; the horses to be all mares and each mare to raise a colt each year, the expenses of which are to be borne equally and the colt considered joint property—this is because the mare and colt both eat jointly-owned feed, and the colt services are paid for jointly, therefore an equal division is the only fair adjustment that can be made. The renter is allowed to keep a limited number of chickens, generally three hundred, which are his own and nothing is charged for their keeping; he is also allowed his garden and truck patch free. In all instances the renter has been allowed the milk for his own use and butter for his table. If the renter has not had money to buy his share of the stock we have gone into the open market and bought it and taken his note for his share secured by a chattel mortgage on his undivided one-half interest. We have also several times, in fact nearly every time, furnished the money to buy the horses and most of the machinery.

The results have been in each instance as follows (I shall designate a few of the instances by number): Trial number one occurred from about 1885 until about 1890. Although highly recommended, the man proved to be a miserably poor manager. His large family of boys upon whom both he and we counted for help were an extravagant and worthless set. The result of five or six years' business was that they had drawn from us and spent a great deal more money than their share of the proceeds of the farm. Being indebted to us for their one-half of the original investment, the total proceeds from sales were turned in to apply on this indebtedness. Any money needed for their personal expenses was borrowed from us upon their note given at the time the money was obtained. They obtained this excess of money by putting up a "hard luck" story about needing shoes, groceries, etc., when they should have saved for this purpose money previously advanced them instead of squandering it.

Trial Number two was contemporaneous with Number one and resulted in the same way from much the same causes, their accounts being overdrawn about twenty-five hundred dollars in each case.

Between trials Number one and two and trials three, four and five is a period of about five years, during which time we tried similar plans of renting to two or three different men; none of which proved satisfactory nor were the returns from these farms any greater

than if rented in the ordinary way. Trials Number three, four and five were contemporaneous and were upon much the same basis as the former with the exception that the feeding and raising of sheep were especially kept in view although we intended to feed cattle and hogs, and do any like business by which it was thought money could be made upon these farms. The result in one case was fairly satisfactory to us but less so to the renter on account of his having no help of his own and hired help not to be depended upon nor to be had when most needed. The other two cases were losses and aggravations to us from the start though not particularly so to the renters as they had nothing whatever to lose. We not only lost the rent but money besides and now have their note for the balance which we will discount liberally for cash. Besides the direct losses, we put in a great deal of our own time helping look after the stock and planning to save both in feed and labor. Also, we put improvements on the farms which have not been needed since by the ordinary renter who has the usual amount of stock. In the two cases mentioned which were failures, both were caused by lack of ability to manage and a disinclination to work. In one case no manure to speak of was hauled during the entire time the man was on the place and in neither were things run in a way to make money. At the same time that these men were feeding cattle and sheep we were doing the same on our own account and were making money out of it. In each case we had felt confident that we had at last found a man who would fill the place; a man who could run the farm and do it right; with help enough of his own to be relied upon, to make him independent of hiring help and the high prices which it demanded. This had been our experience up to about 1902 and looking back over the entire period our experience taught us that it was a poor way to rent land on account of not being able to get the right man. In each case, except one, the men were extravagant as to their personal expenses and seemed to be endeavoring to get ahead of us at every opportunity; in fact, wanted us to support them and take all the risk while they did the least amount of labor possible. It must be borne in mind, too, that these farms were average farms and have since been rented in the ordinary way and have paid as well as the average farm.

We are trying it again, however, and I must admit, with almost the same results. We have a farm of 400 acres, capable of carrying about seventy-five milk cows and the young stock therefrom; there being about one hundred acres of farm land and the balance good pasture and meadow. A man was recommended to us with whom we made a deal to run this as a dairy farm. We were to furnish all the capital, he to pay interest on his share and do the labor. He represented to us that he had two boys who would stay with him and help him, that he had one team and would have three hundred dollars when he took possession of the farm with which to buy another team. He came the first of last March, but without the three hundred dollars and with a mortgage upon some of his machinery. After he was settled he told me he would have to have money to pay one boy twenty-five dollars per month as he had given him his time. We went ahead according to our agreement and bought cows and hogs and put them on the farm. In July one of the boys left him and he must now hire extra help to milk, pick corn, etc. The man himself has done about one week's work this summer. He says he must be careful or he will get rheumatism, and I might add that he has been careful. Now, this matter simmers down to this: He wants us to guarantee himself and family a comfortable living and some profits, we taking all the responsibility, furnish the capital and labor, or money to pay for same. This, we of course do not feel

inclined to do. We had better hire the help ourselves and run the farm to suit ourselves. We would like to find the right man for this place. We would like to disprove what our experience so far has taught us. One of our neighbors has a farm rented on this plan and his renter being an industrious, economical, energetic man, is making himself rich and giving the landlord a big rent from his land.

Our most satisfactory plan of renting land is for a share of the crop and an agreed cash rent for pasture, meadow, etc. In this locality the prevalent share rent is two-fifths of the crop delivered at the market and from two dollars and fifty cents to three dollars and fifty cents per acre for pasture and meadow. By this plan of renting it is to the interest of both the landlord and renter to keep the productiveness of the soil up to the highest point possible. This is especially so when renting for a term of years, and we have no time for one-year renters. They make no money either for themselves or for the landlord. Taking share as we do, we try to get the best renters possible and it is our aim not to rent to a man who does not take care of the farm properly; i. e., one who does not haul the manure out, keep the weeds down along the fence rows, roads, and all over the farm, keep all loose boards nailed up, fences in repair, and yards neat. We are always willing to furnish staples, nails, etc., for such purposes. Renting for share this way makes the interests of the landlord and tenant one, and both must endeavor by every means to increase the productivity of the farm.

I consider the seeding of a reasonable amount of land to clover each year on each farm as one of the best things that can be done, and we have a plan for doing this which we expect to put into operation next year. For instance, on a two hundred and forty-acre farm we will furnish enough seed next spring to seed down a patch of ten acres and another patch of ten acres the following spring. In the fall of 1908 we should be able to get a crop of seed from the patch first sown. Enough of this will be cut for seed to sow whatever sized field might be agreed upon to be sown. The balance of the second crop will be turned under for the purpose of enriching the ground, and at the termination of the lease the renter must leave seed enough to sow down a field of at least twenty acres to clover. This seed, of course, has all been grown on the farm and he needs to be at no expense except for thrashing it. In this way each year from ten to twenty acres of clover sod will be broken up, and this together with the manure made upon the farm, we think ought to keep up the productiveness of the soil instead of allowing it to deteriorate. The renter must pay cash rent for the clover land from which he cuts hay. This is our first experiment of this method of seeding and we would like to have the opinion concerning it of any who feel inclined to give it through the columns of this paper.

As to plowing, if a renter is leaving the farm and we have not found a new tenant for it in time to do the fall plowing when it should be done we pay the renter one dollar and twenty-five cents per acre for what plowing he may do and have the ongoing tenant pay for this, we agreeing to pay him at the termination of his lease the same price per acre for at least an equal amount of plowing.

The best method of dividing the grain is, of course, a difficult problem. If the renter is honest there is no trouble. If he is dishonest the landlord must be protected in such a way that he may obtain his share and proceed to oust the dishonest man.

To sum up, our experience has been that the plan or one similar to the one proposed by Mr. Reinhart is a failure, and this has been the experience of many landlords of our acquaintance. Of course, there are notable exceptions to the rule as in the case of our neighbor, whom I mentioned above. Our most successful plan is to rent for share to the very best man we can get. In this way we hope to improve all the time and to build up the productivity of the farms. We are intensely interested in this subject and are anxious to hear from landlords and tenants as to their different views of renting.

Farm Furrows

Turned by a Practical Farmer.

The Furrows man is almost convinced that it is possible to save seed corn in such a way that it will not need testing.

Unless a man is up against agriculture as a practical proposition he is in no state of mind to give up-to-date instruction to farmers.

Marketing grain at the elevator is a mighty slow way to liquidate a debt. If it is marketed through the medium of good live stock it counts much faster.

Corn stalks alone will make no cow break the state record in the production of milk. A pail of half and half night and morning will help some—half bran and half ground oats.

There comes a time in the life of almost every boy and girl when they know a good deal more than dad, and it's a puzzle to the average parent to know just how much rope to give them. The spell only lasts a year or two, but where one has about a dozen children it helps some to bring gray hairs.

As a rule our best farmers are not public speakers, and I know of many exceedingly successful men who cannot be persuaded to take part in a farmers' institute. Too many of these "gab" fellows are theoretical, and the news is in the air that some of them can scarcely get a hearing now.

Did you ever stop to think of the clove as the essence of Zanzibar, the much noted island on the east coast of Africa? Nine-tenths of the total production of the world is grown there and the natives are so lazy that government prisoners are hired out by the officials to pick the prized spice.

The department of agriculture has recently published an interesting bulletin, entitled "A Successful Hog and Seed Corn Farm." It is issued as Farmers' Bulletin No. 272 and may be obtained by writing Department of Agriculture, Washington, D. C. We have read it from cover to cover and recommend it to every man who raises hogs.

You can't expect to correct the evil results of careless feeding by the use of condiments and other mixtures of this nature. Feed stock in regular amounts and at regular times and with food that is bright and free from taint and mustiness. Moldy hay and weather-beaten water-soaked corn fodder is about as tempting to the stock as a pancake a week old would be to you.

It will soon be time for the annual visit of the nursery agent who carries a line of novelties. The seedless apple is a standard one and it is safe to say that the specimens sold under that name are as fruitless generally as they are seedless. This very fact often makes them true to name, as being without fruit there can be no seeds.

In an early day two New England lads started on a jaunt of ten miles, their objective point being a railroad crossing where they could see a train "go by." They were given two pennies for spending money. Half their capital was spent for crackers at the five-mile point and the balance went in the same way before they reached their destination. As they sat eagerly devouring the half cracker one of the boys remarked: "What would mother say if she knew

we were carrying on like this?" The grandson of one of those boys, with three companions, dined at the Astor House in New York recently and their bill for one meal was \$65. That surely is going some.

Will someone rise and explain why it is that turkeys roost higher and higher in the trees as Christmas approaches? Early in the fall the Furrow man's turkeys started roosting in apple trees, a little before Thanksgiving time they took to the box elders, and the week before Christmas they forsook the box elders for some very tall willows. The young, tender ones seem to get the highest, while the old gobbler, who is now a great-grandfather, is contented to perch on a five-foot fence.

An evergreen Christmas tree is almost half the pleasure of the holiday at our place. It is often impossible to buy them in small towns and those that are so purchased come a long distance and are far from being as fresh and green as those newly cut. Our boys used to trim out a bunch of spruce branches from the scattering trees about the grove and by arranging them on a trunk of cottonwood or other wood a very close duplicate of natural tree was formed. The branches were inserted in holes bored in the trunk.

Ketchup bottles and the rest of the list of sauces that burden the counter of restaurants have assumed a much brighter and fresher look of late. In compliance with the pure food law the bottles tell the truth about their contents. On many these words will be noticed: "Contains one-tenth of 1 per cent of benzoate of soda." This chemical is a preserving agent formed by a combination of benzoic acid and soda. We will probably continue to soak our ham sandwich with it just the same when getting a short order. Anyhow we know what we're eating.

THE LAND RENTING PROPOSITION.

Elsewhere in this issue will be found a contribution from Mr. B. S. Allen, of Laurens, Iowa, on the subject, "The Problem of Renting Land." Mr. Allen, as stated in the beginning of his article, is in charge of about seventy-five farms and of course his experience is necessarily rather more extensive than the average man. These farms vary in size from one-quarter section to one section, so that there is an immense responsibility in running them, and the ideas here suggested have grown out of a long, practical experience.

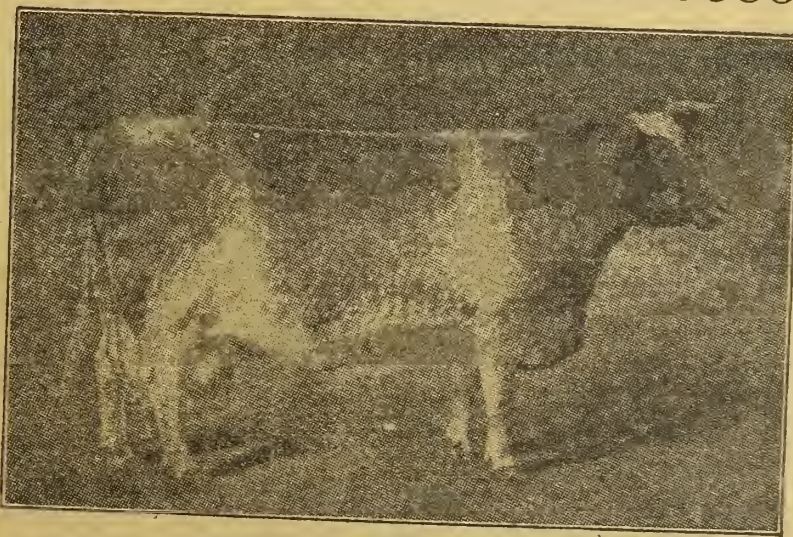
It will be remembered that an article appeared in these columns some time ago

from Mr. Rhinehart, and this is referred to by Mr. Allen. Mr. Rhinehart's plan was for the landlord to go into partnership with the tenant on the half and half basis, the owner putting his land against the labor of the tenant and dividing the proceeds equally. It may be that Mr. Rhinehart has had rather better success in finding the right man than Mr. Allen, and for that reason naturally comes to a different conclusion regarding what is a feasible plan for renting his land.

We would like now to hear from the tenant side of the question, and if this is taken up we hope it will be in a broad-minded spirit, bearing in mind that there is just as much difference in landlords as there is in tenants, there being good and poor ones in both classes. The outlook of both Mr. Rhinehart and Mr. Allen is a broad one because the latter acknowledges that in the case of a neighbor a tenant has been found who is making money for himself and for the land owner, working on the half and half plan, though it has failed to work out satisfactorily in his (Allen's) case. The subject is of great importance and we hope that it will be discussed at thoroughly from the standpoint of both landlord and tenant.

A Successful Combination.

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Rowena 2d, the subject of the above illustration, was entered in the dual-purpose contest at the St. Louis World's Fair by her owner, Mr. H. J. Hughes, of Trenton, Mo. She is today doing better work at the pail than she did at the World's Fair 201 pounds, and during that time she gained 140 pounds in weight. Prior to this sixty hours just previous to the test she would undoubtedly have made a much better record. At "Hughesdale," her home, she is today outstripping her World's Fair record. Mr. Hughes says she is milking better than forty pounds per day and on ordinary feed. Her yearling son is now offered by Mr. Hughes and should go to some herd where the milking Short-horn is appreciated. See page 29 for advertisement of Hughesdale dual-purpose Short-horns.

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And it is good for their elders, too.
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We have just received a message from the mine that new and important discoveries have been made. From the tone of this message this discovery will have an important effect on the future policy of the company in regard to its stock selling, so that the Directors feel justified in placing the stock at 15c to go into effect this day and date. Manager A. E. Keables with a corps of expert Engineers has left for the scene of the new find. To our Clientage: The significance of the above will appeal to you who have in the past followed our advice in such matters. Every indication at headquarters of the company points to rapid and sudden advance of this stock and we would urge you to wire your reservation and orders for stock immediately.

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THE HOMESTEAD

A Practical Journal for the Farmer,
Stockman, Fruit Grower, Poultryman,
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,
Des Moines, Iowa.

SCATTERING DISEASE.

The following communication has been received from a subscriber, Mr. J. Briney, of Marion county, Iowa:

I am interested in the discussion which is going on in your paper about disease among hogs. I have been in the business for thirty years and up to date I find no cure for cholera. I think the party who is more responsible for the spreading of disease, especially among hogs, than any other agent is the hog buyer. He hears that a man's hogs are sick and off he goes with the thought of getting a snap. He tramps around the yards and possibly an hour afterwards is looking at the hogs of a neighbor where no disease has been introduced. In the meantime no attempt whatever is made to disinfect his buggy or his boots, and consequently it is but natural he spreads disease.

In my opinion no hog is immune until he is dead. I think more hogs are killed by treating them wrongly than die from cholera. A neighbor of mine was feeding coppers and I told him that if he could use that compound without hurting his hogs he was the first man I ever knew who could do it. He said his hogs looked and acted as if they wanted to die, and he then allowed them to get good and hungry and fed his coppers. In many cases they died after getting a dose. No wonder. No remedy that I know anything about works the same under similar circumstances. If a thoroughly scientific preventive were found I think it would do this. The whole business is a hit-and-miss affair. I am hoping that some day the department of agriculture at Washington, or some scientist somewhere will discover a remedy for this disease.

It is, no doubt, true that disease is often spread in the way here described by Mr. Briney. In many cases stock buyers are not very serious students of science, and many of them take no stock in the theory that a little germ can destroy a hog in a few hours, when it is once introduced. We once stopped a man at the gate whom we knew had driven from a farm where cholera existed. What we were afraid of was both the contamination on his boots and on his buggy wheels. He ridiculed the idea that there was any danger of introducing disease in this way, but nevertheless he never got into our yard and the hogs up to date are healthy.

Regarding the matter of doping hogs, we will say that this can possibly be carried too far, though we never could see any harm in allowing hogs to have access to plenty of material such as salt and ashes and to give them a little coal tar product in their swill occasionally. Of course these coal tar products are not very palatable, but if fed in small quantities they do no harm, and there are a great many farmers who believe that they do good. That kind of doping, as we state, is harmless and it may be beneficial.

ONE REASON WHY HIRED HELP IS SCARCE.

The following communication has been received from a subscriber of Clay county, Iowa:

A little incident recently occurred in this locality which, in a measure, shows to some extent why each year it is more difficult to get competent farm help. A farmer here employed a man for a term of months. The employee was faithful and trustworthy and took specially good care of the stock when the employer was away, which was about one-third of the time. In working a little over seven months he lost but two days, Decoration Day and the Fourth of July, these of course being his by law. He was also away only two Sunday evenings and did the chores the balance of the time, week days as well as Sundays. This man was up every morning at 5 o'clock and did not finish his work until 8 or 8:30 p. m. When settlement day came the employer deducted the two legal holidays and he also kept out the value of the employee's time while he was working on the road. I myself

have nothing to do with this case, but these are the facts, and as I try to analyze the farm help situation and come across incidents of this kind I am not surprised that young men go to the cities or go anywhere rather than stay on the farm.

I do not mean to say that all farmers are as niggardly as was the case in this instance, and yet I think that in too many cases farmers are a little close when it comes to the matter of settling up. In this case the young man who was employed frankly stated that it was his last summer on the farm; that he would take his chances in the future in towns or in cities.

No farmer whose eyes are opened to his own best interests will treat a faithful man in this way. There is so much difference between a good man and a make-shift of a man that any employer can well afford to be liberal in the matter of making allowance for holidays and for lost time generally when he gets a good man. No employer should consider that he is sacrificing in the least if he allows a good man to take not only the legal holidays, but even a little more time than this to call his own. Where each understands the other and each trusts the other, the matter of a day now and then when work is slack amounts to so little, taking the year's work into consideration, that no broad-minded man will compute the value of such lost time for purposes of deduction. Of course there is a reasonable limit to the amount of lost time allowed, but where faithful services are rendered the owner of a stock farm can well afford to throw in fair days and circus days, and then some.

Of course there are men whose service does not entitle them to any such favors, but a farmer is much farther ahead at the end of the year, even if he throws in a few days' time, with one who will look after things without being looked after himself than if he employs a man who has to be "watched."

After all, this is not a subject that one can treat satisfactorily by laying down specific rules, because so much depends, not only upon the farmer himself, but upon the hired man. If each makes up his mind not to take advantage of the other, the relationship between the two may be kept exceedingly agreeable, by each giving and taking in the smaller matters that mean so much to both. A good man on the average farm in the corn belt can, in addition to earning his wages every day, save for his employer the value of his wages over and above what a shiftless fellow can possibly do.

TO CURE A COLD IN ONE DAY

Take LAXATIVE BROMO Quinine Tablets. Druggists refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

An Important Change.

Mr. David L. Taylor has resigned the vice-presidency of the Lord & Thomas advertising agency at Chicago, and accepted a like position with the Long-Critchfield Corporation, of the same city, becoming a stockholder in the latter enterprise. Mr. Taylor is regarded as one of the most forceful, original and successful men in the advertising world, and handles some of the largest agricultural,



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Double the Capacity of other Mills.
TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

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I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.
Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

mail order and general publicity accounts now being placed, and is credited with exceedingly good standing with his clients on account of his success in coordinating copy and selling plans so as to bring results in large volume and a steady stream.

The Week in Kansas.

Once again we have been given the kind of weather asked for. It has been just what the belated corn huskers wanted, and weather by no means undesirable to those who have finished husking. In other words, it has been fine winter weather. No moisture has fallen, though some has been threatened, and the ground has been frozen so that the "soft spots" in the corn fields have not hindered pulling out full loads. The days are so short, however, that no one is bothered by being able to husk more than two full loads in a day. The majority are fast getting through with their husking. While some probably will not be through in a month from now, if we have the best of weather, the bulk of the corn will be in the cribs at the end of this week.

We are still working under the same difficulty here in Kansas, not having cars enough to haul stuff to market or haul goods back. In a section to the south of us, in Woodson county, there are thousands of tons of prairie hay waiting to be marketed, but no cars can be had. When a man has from 200 to 300 tons on hand, and the price in Kansas City is better than it has been before in years, it seems a piece of tough luck that he cannot make the short distance from here there, and get the money out of his crop. There is an apprehension that the shortage of cars is what is keeping the price of hay up, and that as soon as cars can be had hay will be rushed in in such quantities as to break the price. Many are getting anxious to get their crop to market on this account.

The corn market remains the same. In many instances the scarcity of cars is proving a good thing for the farmers, as not being able to rush their corn off is causing some to keep it, and they may feed it right on the farm. No one has lost money feeding either cattle or

hogs this fall and the only corner to watch now is to get good stock to feed to make money the rest of the season; providing, of course, the unexpected does not happen.

Here in Kansas there never was so much to make the Christmas day merry as there was this year. Coburn's Thanksgiving story tells what we have done this year much better than we can. With a valuation of crops nearly double of that of ten years ago, there is every reason for this Merry Christmas and the starting of a Happy New Year.

The weather this morning promises to continue fair. Santa Claus will have to come in his auto this year, instead of his sleigh, unless there is a decided change.

Henry Hatch.
Coffey, Co., Kansas, Dec. 20, 1906.

Barclay's Short-horns Dispersed.

On December 18th a goodly number of representative Short-horn breeders assembled at West Liberty, Iowa, to witness the dispersion sale of Mr. C. S. Barclay's Orchard Farm Short-horns. Mr. Barclay has been breeding Short-horns for a third of a century, and it was with regret that we witnessed his closing out of this most popular breed, for which Mr. Barclay has stood a staunch exponent for these many years. The cattle in most part were too thin in flesh to bring their worth. This, coupled with the fact that a number of them were very old and past their day of usefulness, militated against high prices. Iowa breeders only were in attendance. Some of the cattle (particularly the young things) owing to short pasture, had not been well grown. This also cut down the averages to some extent. Mr. O. C. Bigler, of Victor, Iowa, and Mr. C. R. Steele were among the most liberal bidders and buyers, as were Messrs. E. Moore & Sons, of West Liberty. The sale was conducted with Col. F. M. Woods in the box, who made one of his usual strong talks, complimenting Mr. Barclay in various ways. He was assisted in the ring, and ably so, by Messrs. Ralph W. Barclay, A. Alexander, of Morning Sun, Iowa, and P. N. Gibson. The sale was not a spirited one at any juncture, but with considerable effort Colonel Woods wound up the offering with a satisfactory average. The following summary will furnish some information as to where the cattle went and the prices paid. We append the buyers' names only where \$100 or more was paid:

FEMALES.

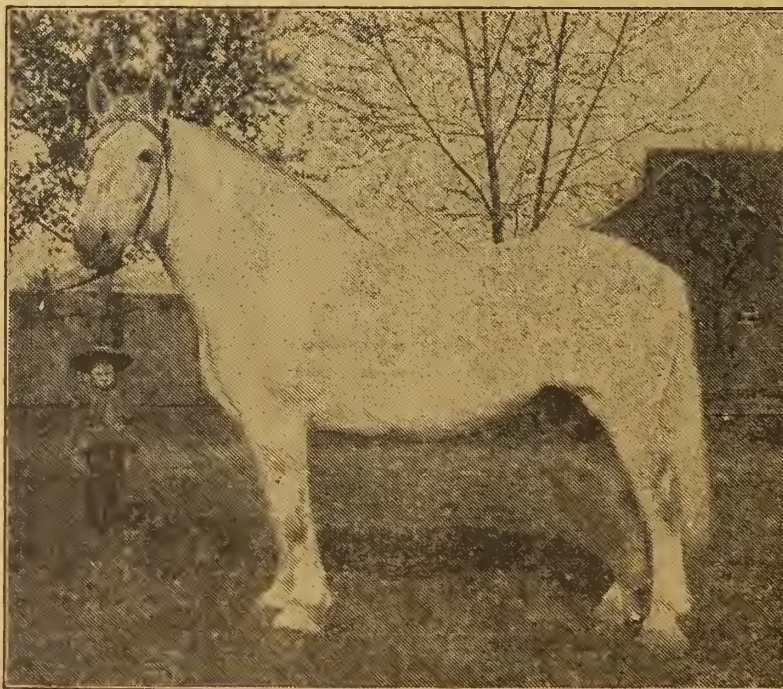
Orchard Farm Flora 4th, six years, sire Golden Hero, and c. c., Mrs. O. C. Bigler, Hartwick, Iowa \$250
Orchard Farm Victoria 4th, one year, sire Iowa Champion, same 230
Beauty's Price B. 6th, twelve years, sire Imp. Harvester, and b. c., O. L. Lechlitter, Prescott, Iowa 110
Glendale Violet, seven years, sire Glendon, and b. c., C. R. Steele, Ireton, Iowa 270
Beauty's Pride 7th, three years, sire Imp. Favorite, Mrs. O. C. Bigler 110
Orchard Violet, one year, sire Iowa Champion, E. J. Mason, Calumet, Iowa 150
2d Missie of Loudsboro, six years, sire Royal Hardy, and c. c., Mrs. O. C. Bigler 230
Orchard Missie 2d, eleven months, sire Iowa Champion, O. L. Lechlitter 210
Orange Blossom B. 11th, eleven years, sire Field Officer 2d, and c. c., Ed Moore & Son, West Liberty, Iowa 140
Mysie Ann, nine years, sire Commodore, and b. c., same 125
Pride B. 16th, one year, sire Iowa Champion, J. Barr & Son, Davenport, Iowa 140
Alexandrina of Edan, six years, sire Baron Linwood, B. L. Norton, Wilton Jct., Iowa 120
Alexandrina of Orchard Farm, one year, sire Iowa Champion, E. C. Holland, Milton, Iowa 100
Lady English 6th, three years, sire Iowa Champion, E. E. Keck, Stockport, Ia. 130
Lizzie Lesley B. 31st, four years, sire Baron Gloster, and c. c., Wm. Hart, Sheffield, Ill. 100
Lady Oxford 2d, four years, sire Sittytton Fame, and c. c., J. Barr & Son 115
Jenny Lind 4th, one year, sire Iowa Champion, J. Cardell, Wolcott, Iowa 110

BULLS.

Imp. Favourite 180306, five years, sire Proud Victor, Mrs. O. C. Bigler 180
English Champion 2d 264460, one year, sire Iowa Champion, E. C. Holland, Milton, Iowa 160
Mysie's Champion 264462, one year, sire Iowa Champion, J. F. Kinmouth, Columbus City, Iowa 150
Orange Champion 2d 264463, one year, sire Iowa Champion, J. Barr & Son 335
Lavender Champion 2d, one year, sire Iowa Champion, H. L. Mosher, West Liberty, Iowa 100

SUMMARY.

42 females \$4,396.50; average \$104.00
10 bulls \$1,212.50; average 121.25
52 head 6,609.00; average 107.85



Keota Lyndon 21677. Included in the Breeders' Combination Horse Sale, Bloomington, Ill., January 9-10-11. See advertisement on page 14.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

CONTRACT—DRUNKENNESS.

If a man enters into a contract, and afterwards attempts to avoid it upon the ground that he was drunk when he made it, he must prove that he was at the time so completely under the influence of intoxicating liquors that he was unable to understand the effect and consequences of the transaction. This is the general doctrine on the subject in all the states. It was approved recently by the supreme court of Iowa.

LAW-QUESTIONS CONSIDERED:

HORSE DOCTORS.

A Reader, Ross, Iowa.—(1) Can a graduate of a veterinary correspondence school in Canada lawfully practice in Iowa? (2) Must one have a state certificate to practice veterinary medicine and surgery in Iowa, or is a diploma from a college all that is necessary?

Answer.—(1) A person cannot practice veterinary medicine or surgery in Iowa without being registered by the state board of veterinary medical examiners, and receiving a certificate signed by the members of the board. A diploma from a correspondence school in Canada would not answer. (2) A certificate from the state board is absolutely necessary. In order to obtain such a certificate, a person must now be a graduate of a legally chartered and recognized veterinary college, and also pass the examination required by the board.

RENTED LAND—SHARES.

A Subscriber, Kalona, Iowa.—A rented a 200-acre farm to B on shares. B did not move on the farm, but lives in a house near it. They have a written contract which took effect March 1, 1906, and will expire on March 1, 1907, but a clause in it provides that if both are satisfied, the lease is to run for two years. About May 1, 1906, B told A there was more land than he could handle and asked him to rent some of the hay land to someone else, so A rented the hay ground to C. C took off the first crop for hay and the second crop for clover seed. Who is entitled to the clover seed, A, B or C?

Answer.—It depends upon the terms of the renting contract between A and C which you have entirely omitted to state in your letter. How did it happen that you missed the one essential point or fact necessary to an answer? If C rented the hay ground for cash rent, he is entitled to all of the clover seed. If he rented it on shares, he is entitled to whatever share was agreed to between he and A, and A is entitled to the balance. B is not entitled to anything on land rented to C.

MEANING OF "MORE OR LESS."

A Reader, Any Old Where.—A rented a farm from B, agreeing to pay grain rent for the farm land, and cash rent for the hay and pasture land which was stated in the contract to be so many acres, more or less. A public road runs along one side of the farm, half on B's land and half on the adjoining land, the division line between these farms being the middle of the road. To get the number of acres mentioned in the contract, one-half of the road must be counted, so it practically requires A to pay rent on half the road. Can B lawfully require this of A?

Answer.—This correspondent absolutely ignores a rule or requirement published many times in these columns, viz., that an inquirer should state his post-office address, or at least mention the state in which he lives. His inquiry should, therefore, go into the waste basket,—but because the law he inquires about happens to be general, and applicable in every state, we answer. The words "more or less" in a contract about land, give it elasticity to a certain extent, or rather an uncertain extent as to area, and neither party can hold the other to the precise and exact number of acres stated preceding the words "more or less." These words are meant to cover a slight deficiency, or excess. That is what they are for—and the ground covered by half of a public road would be such a deficiency in a contract of sale or lease, as to be provided for by the words "more or less." Besides, the fee title in the land extends to the middle of the road.

TRESPASSING STOCK.

Mr. C. C. Cary, Mott, North Dakota.—I am a homesteader in North Dakota. There is a herd of horses running at large in this vicinity, which does great damage to my crops. (1) Could I take up a couple of these horses and hold them for damages done by the whole herd, or would I have to take up the herd? (2) Tell me the necessary steps to take in order to hold trespassing animals for the damages done by them?

Answer.—(1) You could not take up any of the horses unless the voters of your county have voted to abolish the law allowing live stock to run at large. The general law in North Dakota is that horses and cattle may run at large, but this may be changed in any county by a vote of its citizens. If this has been done in your county you may take up trespassing stock, and keep it until damages are paid, but as the law is somewhat complicated, you should engage a lawyer to conduct the proceedings. Notice must be given to the owner of the stock, and suit brought within sixty days, unless damages are paid before that time.

TRAIN KILLING STOCK.

A Subscriber, Lushton, Neb.—(1) Where live stock gets upon a railroad track in Nebraska, because of the railroad fence along the right of way being blown down, or being down from any cause, and such stock gets killed by a passing train, is the railroad company liable for full appraised damages? (2) Two or three hours after a train passed, seven or eight persons saw stock dead on the railroad right of way. Appraisal of the stock was made by three persons, one appointed by the railroad section boss and the other two by the owner of the stock. The engineer of the train claims that he did not run into any stock. Can the owner of the stock recover damages? (3) Could a suit be maintained against a railroad company because an engineer fails to blow the whistle at public road crossings?

Answer.—(1) The railroad company is liable for the actual value of the stock—whatever it can be proved to be worth. (2) The owner of the stock can recover damages from the railroad company by proving these things, viz.: first, that the stock was actually killed by the train; second, that the stock was on the track on account of the negligence of the railroad company, or being on the track was struck by the negligence of the company; third, the value of the stock. (3) Yes, \$50 forfeiture for each offense, one-half to the informer and one-half to the state, and besides liable for all damages.

ADMINISTRATION.

Mr. W. H. Marx, Waukesha, Wis.—My father died in November, 1903. I was named in his will as executor, and appointed accordingly by the county judge. I made a claim against the estate for \$1,000 for wages, and the county judge allowed it for \$900. Some of the relatives appealed the matter to the circuit court and judgment was rendered there in my favor for \$1,000. I paid my attorneys \$265 for their services. They said I would have to pay the costs in the circuit court, but said I would finally get the amount back, so I paid \$75 for costs and got a receipt for the costs and for filing judgment, and also for attorney's fees. The parties appealing gave a bond of \$250 for costs. The judgment is not payable till after the death of my mother. The estate has not been settled in court, though I have paid all bills against it except my judgment. I have asked my lawyers to take steps to have the estate settled, but they do not seem to care to do anything about it. What can I do to recover the costs I have paid?

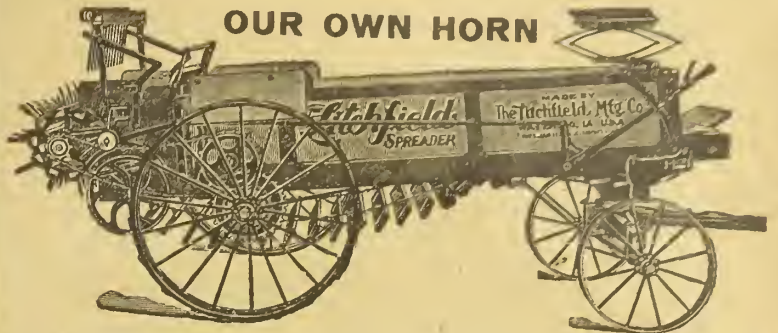
Answer.—Present the matter to the county court and get an order to reimburse yourself for costs paid from the assets of the estate now in your hands. Your lawyers should make this application for you and obtain the order without any trouble.

Notable Animals at Iowa Short Course.

The animal husbandry department of the Iowa Agricultural College has completed arrangements for the most complete collection of animals for the coming short course in stock judging, to be held from December 31st to January 12th, ever used for instruction purposes by any institution in the world. Horses from King Edward's stables will be used to illustrate the Shire horse breed. The Clydesdale champion geldings of Scotland have also been secured. McLaughlin Brothers, of Ohio, are sending all of their best prize winners and champion Percheron and French Coach horses at

TOOTING

OUR OWN HORN



WE are not artists. We lay no claim to such a title. We don't expect the readers of this paper to follow our continued story because it is "pretty" or overflowing with high-class rhetoric. We are tooting our own horn (we fully realize this), but we have got a horn to toot and something to toot it with.

The Manure Spreader question today with every land owner is of much more vital importance than any of the leading problems of modern farming. Granting that every farmer who is progressive concedes this, we then feel that it is a question of what spreader he is going to purchase, and here, the Litchfield Machine stands out in the "lime light."

We wish to emphasize the fact that the *Spreader Question* is our horn, and the "Litchfield Spreader" is what we are tooting it with. We hardly feel that any company should be criticised for exploiting their product when they can back it with a guarantee like we back the Litchfield Spreader with.

We believe that when a machine is equipped with the most modern devices, from the scientific steel wheels along through the line of improvements; such as the abruptly-widened spreader box, the new style long and short tooth heater wheel, the car-journal bearings; along through the dozens of various superior features to the only successful endless, automatic cleaning conveyor that has ever been put on a machine—we think, under these circumstances, we may be excused if we make a noise that is heard all over the territory where men are becoming interested in this modern machine.

To our readers we say, take pains to search out quality in deciding what spreader you shall buy. See if the machine has wide-tired traction wheels with round edges that will not cut through the sod or if it has the narrow, square-edged, old-fashioned tire. See if it has a freely swiveling pole or if it is of the "sore neck" variety, braced on the horses' necks. Examine, if you will, and compare the measurements of the axles, also the strength of all those parts and pieces that go to make up the entire machine.

Practical value, not value in theory, is what we are trying to prove to our customers. We make claims, it is true (good, strong ones) and, to substantiate these claims, we have the evidence. Let us receive your inquiries. We are here to answer questions.

Continued next week.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

the Paris show and all the leading American live stock shows. This insures an excellent equipment of horses.

In the cattle line, Defender, the grand champion steer of the International, and the leading winners in the Angus, Galloway, and grades and cross breeds will be used in the fat cattle classes. Donohoe Brothers, of Holbrook, Iowa, are sending to the college their famous prize-winning herd of Angus breeding cattle. Prominent dairymen have sent in their most select specimens of the dairy breeds.

The International grand champion fat barrows were also brought back for this work. More attention than ever before will be given to the slaughter test work. Special work has been outlined for those who have attended in previous years. Reduced rates will be given on all railroads.

Courses in farm crops, horticulture, and domestic science will be given at the same time.

For further information write the Animal Husbandry Department, Iowa Agricultural College, Ames, Iowa.

Professor Shaw Endorses Stock Food.

Prof. Thomas Shaw, an eminent authority on feeding, says, "When the animal doesn't digest its food, which is indicated in the droppings, or when it doesn't respond sufficiently in appearance or in production, though given a sufficiency of food, in such cases a mild tonic would be helpful in affecting improvement."

Dr. Hess Stock Food, manufactured by Dr. Hess & Clark, Ashland, Ohio, meets just these requirements. It contains tonics for the digestion, iron for the blood, nitrates to eliminate poisonous waste material from the system and laxative to regulate the bowels. These ingredients are also endorsed by every medical writer in America.

Now, if the digestion is stimulated, the appearance improved and the production of the animal increased by the addition of the above mentioned ingredients, it is undoubtedly a wise investment to use Dr. Hess Stock Food. It costs less than a penny a day to feed Dr. Hess Stock Food to a horse, cow or steer and but three cents per month for the average hog. Consider the small amount of additional increase in weight or milk that is necessary to cover the cost of the stock food and remember it is sold on a written guarantee.

Geo. A. Heyl, Washington, Ill., says, "I have been in the stock and poultry business for a great many years and can say Dr. Hess Stock Food is all O. K. It is scientifically compounded and seems to be just the thing to make stock thrive. It is a food as well as medicine."

Dr. Hess Poultry Pan-a-ce-a is also a great food for poultry and has been of much value to me in raising some of the fanciest chickens that were ever placed on the market. Instant Louie Killer, manufactured by the same firm, is also invaluable as a disinfectant and for keeping fowls free from parasites."

Cownie Fur Coats



Are the only Fur Coats made that have a two year written Guarantee.

NOT one skin is used in a Cownie coat that is not taken off in Dec. or Jan, when the fur is the best. Not one drop of strong acid or chemicals is used in the tanning of these hides. That's why we can guarantee a Cownie Coat

twice as long as any other fur coat made. If your dealer cannot supply you write us.

J. H. COWNIE GLOVE CO., DES MOINES, IOWA.

Every Farmer and Stockman



Should have a good fur coat and robe. Send us your horse and cattle hides and we will make you a coat or robe that will always be soft, pliable, wind, water and moth proof. Quality of work considered our prices are the lowest. We guarantee satisfaction. FIRE booklet on hides, also shipping tags and prices. Write today.

IOWA TANNING CO.

Des Moines, Iowa

HIDES TANNED

SEND YOUR HIDES TO US They are valuable Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cownie Glove Co., Des Moines, Iowa

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HORSE OWNERS! USE



CAUSTIC BALSAM.

A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from horses. Impossible to produce scar or blemish. Send for circulars. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.

HEALTHY TREES HONEST IN QUALITY

Grafted apple 4c, budded peach 4c, budded cherry 15c. Concord grapes \$2 per 100. Black Locust \$1 per 100. Complete colored cat. free. Galbraith Nurseries, Box 52, Fairbury, Neb.

HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

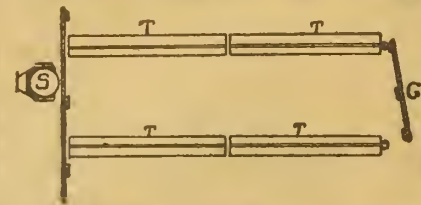
During this season of the year it is necessary to carry a light at chore time. There is always more or less difficulty in hanging a lantern so that the light will be where wanted. A very satisfactory arrangement is a wire string taut overhead and behind the cows or horses. On this a line snap or hook holds the lantern which may be slid back and forth. In milking or harnessing teams one may thus secure the best light possible.

One of our subscribers, Mr. P. F. Peterson, asks for the plan of a good wood rack suitable for either a wagon or sled. We appeal to our subscribers to satisfy Mr. Peterson's demand. The chief value of the Hints and Devices department lies in the fact that its material is to a large extent made up from suggestions received directly from the farm. Let readers who have good wood racks on hand take the time to make a rough drawing and briefly describe same and send it in without delay.

The little chore of making the rounds of the swine sleeping quarters and closing the entrance doors for the night is often forgotten. Some people do not bother to do it, yet it may save sickness and hours of snow shoveling before the winter is over. It is a good practice to prevent drafts over the sleeping hogs. In the illustration is a door that is called the "hogs' own door." Instead of the ordinary pen door being hinged on the side, the door is hung on a rod by means of strap iron eyes. The ends of the rods are bolted to the door jam and the hogs pass in or out by pushing the door before them. Thus the door is always closed, though not tight, so that a considerable volume of air can still enter the pen from this source, but not in gusts that may fill the quarters with drafts and often snow.

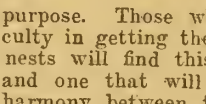
Slopping a hundred head of hungry hogs at this time of the year in the ordinary way of walking among them to the trough is like taking one's life in one's hands. On our farm we have a plan which we think most excellent. The letter S represents the swill barrel on one side of the fence. On the other are four hog-feeders marked T. At the letter G is a gate which is closed when slopping time is at hand. This prevents the hogs

from entering the space enclosed by the feeders and the fence. The contents of the barrel can then be carried to the different feeders in pails, without having the work impeded by a rush of hogs and besides being done with less haste and waste. The feeders naturally are high

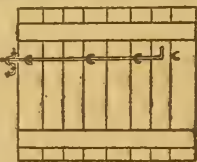


enough to prevent the hogs from climbing over. If troughs are used woven wire fencing may be stretched over the center of the troughs. As soon as all the slop is distributed the gate is opened, giving access to the feeders from both sides.

Mr. S. R. Fletcher, Monona county, Iowa, has embodied a very good idea in his poultry house in a portable nest. The box is hung on a spike driven in the wall at a suitable height from the floor for the hens to reach. When setting time comes and a biddy is found that shows inclinations to hatch out a brood the box with the occupant is transferred to the room set apart for this purpose. Those who have found difficulty in getting the hens to accept new nests will find this idea very valuable and one that will contribute to more harmony between fussy hens and their attendants.

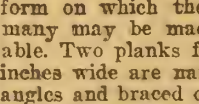


There are many serviceable and simple barn door fasteners in use, but our readers will find difficulty to improve on this one for general purposes. Mr. J. A. Hanna of Appanoose county, Iowa, thinks that one of the advantages of this idea is that the door can be clasped and unclasped without stepping outside of the buildings.



Strong staples are used on the door for the wire to slide through while a piece of wire is made into a loop and stapled to the barn to serve as an eye for the sliding rod or wire. A handle next the doorway is made by bending the rod at right angles. In withdrawing the rod from the eye to close the door a bumper formed of a staple or block of wood stops the rod from being drawn back too far.

Painting the buildings is a task that is always more or less dreaded. One of the reasons that make it so is the difficulty of making a safe and cheap scaffold to work on. The illustration represents a device that is in use by painters and on farms in many parts of the country. We have used a set of three on our farm for a number of years and find them satisfactory for painting old roofs. The drawing merely represents one support of the platform on which the worker stands. As many may be made as is found desirable. Two planks four feet long and six inches wide are nailed together at right angles and braced on each side with inch stuff. When ready to raise the scaffold a six inch plank is inserted in the bracket as shown and with one side to the building and the upper side for the support of the plank platform the bracket is elevated to the required height, while the end of the support on the ground is embedded to prevent slipping. As the weight on the platform tends to push the bracket against the building and the pole prevents it from coming downward, the platform must hold its position.



The Morgan Sale at Blue Rapids, Kan. The second annual sale from the Capital Bluff herd of Mr. E. R. Morgan was well attended and fairly successful. Local and outside buyers were out in large numbers. The offering was a good lot of cattle, young and

U. S. CREAM SEPARATOR



STRONG AND DURABLE

Used 15 Years
Repairs 50 Cents

BLACKICK, OHIO, Oct. 20, 1906.

To whom it may concern:
I have used one of your No. 5 U. S. Cream Separators for the past 15 years and I have paid out only 50 cents for repairs in that time. I am using the machine every day and it is in good shape now. I would not have any other—only the U. S. Separator. I can cheerfully recommend the U. S. to all who want a good machine. SCOT RACHELL.

27 pictures with plain, easy-to-understand explanations in our new catalog, make the construction and operation of the U. S. as plain as though the machine was before you. Let us send you a free copy. Just write: "Send Construction Catalog No. 81." Write today.

Don't buy a Cream Separator before you see this book.

VERMONT FARM MACHINE COMPANY

Bellows Falls, Vt.

Eighteen distributing warehouses centrally located in the United States and Canada

WE PAY YOUR FARE

Today if you succeed you must be trained. The world demands it; for the untrained it has little use. Many ambitious young people anxious to succeed are prevented from securing the necessary training on account of the expense. When and how shall these young men and women get the required start in life? The Western Normal College solves the problem on the most liberal and practical lines offered by any educational institution. Our aim is to help the student in every possible way. Student's Rail Road Fare paid. Our Bulletin sent free.

Will You Come?

The Institution is approved by the State of Iowa, located in an ideal college city, and proudly claimed by thousands of students from all over the U. S. as their Alma Mater. We offer instruction in twelve departments and forty courses. In each of these we have the ablest instructors and finest equipments. Students may enter at any time without examination.

Distance is no Barrier

This is your golden opportunity to secure an education; to fit yourself for your part in the world's work. Hundreds are taking advantage of the opportunity. Hundreds more are will. Do you not desire to be one of them? Write today. Address

J. M. HUSSEY, Pres., Box 10 Shenandoah, Iowa.

1856-Sandwich-1906

Corn Shellers

The standard the world over for 50 years. Now in use in every corn growing section of this country. The Sandwich is the result of improved facilities of manufacture, latest and best design, the best procurable material, superior workmanship, and ripest experience.

The result is that well known superiority which has made the Sandwich so justly famous.

We make them in all sizes and styles and capacities—mounted and down, belted and geared.

Farmers should insist on having their corn shelled with the Sandwich because it shells fast, saves time and the board of the "gang."

They shell clean and they clean the corn they shell clean.

SANDWICH MANUFACTURING COMPANY, 143 Main Street, Sandwich, Ill.

BRANCHES: Council Bluffs, Ia. Kansas City, Mo. Peoria, Ill. Cedar Rapids, Ia.



Big
160
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FREE! TREATMENT FOR MEN

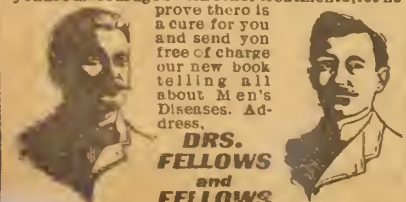
Cure Yourself At Home!

When afflicted with Nervous Debility, Weakened Vitality, Blood Poison, Skin Diseases, Prostate, Urethral, Kidney or Bladder Disorders, the uppermost thought is "where can I obtain a positive cure with the least inconvenience and at the least expense." Doctors charges for treatment of these troubles at their offices are very high. The cure usually uncertain.

OUR HOME TREATMENT places within your reach the best possible treatment at a moderate expense. Our 20 years practice and thorough knowledge of these diseases has enabled us to prepare and perfect a new method which can be successfully used at home. To prove the merit of our new method

We Will Send You a Month's Treatment especially prepared for your case and allow you to use it for fifteen days. If you are not better after the treatment unsatisfactory return it to us and it will cost you nothing.

Write us today about your case even though you are discouraged with other treatments; let us



DRS.
FELLOWS
and
ROLLINS

Rollins Block, Des Moines, Iowa

Free A Cleveland Cream Separator

Direct from the Factory on Free Trial. NO MONEY IN ADVANCE. We ask no deposit, no note, nothing to bind you. We depend entirely upon the work that the Cleveland will do on your place to make the sale. If you don't want it after giving it a fair trial, send it back. We can afford to make this offer because the Cleveland is The Only High Grade Separator Sold at a Reasonable Price. Our guarantee covers these points: Easiest Running—Easiest to Clean—Most Durable. Send for Free Catalogue and full particulars.

CLEVELAND CREAM SEPARATOR COMPANY, Cleveland, Ohio.

Dept. H, 33 Michigan Avenue, N. W.

In nice condition. Leta 2d and her bull calf by Onward 18th topped the sale at \$215, and went to Mr. L. A. Oberhelman, of Winkler, Kan. The splendid bull, Dale, was secured by Mr. Henry Kaump, of Randolph, Kan., for \$210, while another nearly his equal, Major, went to Mr. Wm. Henn, of Kansas City, for \$125. The females averaged \$83 and the total average on fifty-one head was \$73.30. Colonel Edmonson, assisted by Colonels Brady, Gordon and Trasper, secured the following prices. Sales at \$75 or over were:

Lot.	Cow.	Ed Teburen, Cleburne, Kan.	Price.
13.	Cow, H. H. Johnsmeyer, Cleburne, Kan.	80	
17.	Cow, Ed Teburen	110	
22.	Bull, F. E. Swanson, Randolph, Kan.	75	
29.	Cow and calf, L. A. Teburen, Winkler, Kan.	215	
30.	Bull, Henry Kaump, Randolph, Kan.	210	
31.	Bull, Herman Anderson, Waterville, Kan.	125	
33.	Cow, H. H. Johnsmeyer	100	
36.	Cow, F. W. Roepke, Barnes, Kan.	85	
39.	Cow, R. H. Hazlett, Eldorado, Kan.	80	
42.	Cow, Ed Teburen	75	

43. Bull, Wm Henn, Kansas City..... 160

48. Bull, A. Colon, Morganville, Kan.... 95

It is not a "Braas Band" that you will hear by referring to page 5, but you can read about the way the Litchfield Manufacturing Company are disposed to "toot their own horn" and it will do no harm to study it a little, as there is certainly information for those who own the land and are interested in keeping it at its standard.

EXCURSION RATES FOR THE HOLIDAYS TO EXTENSIVE TERRITORY, Via the North-Western Line. Excursion tickets will be sold at reduced rates on ten dates: December 20, 21, 22, 23, 24, 25, 29, 30, 31, 1906, and January 1, 1907, good returning until and including January 7, 1907, to stations on the North-Western Line (including C. St. P. M. & O. R'y), and to points on several other lines, for full details of which apply to agents Chicago & North-Western R'y.

DAY BY DAY

Agricola

This is the time of year for making new resolutions. It is a time to remember, also, the saying of that wonderful teacher, Horace Mann, "I never heard anything about the Resolutions of the Disciples, but a great deal about the Acts of the Apostles."

The above refers to the mental and spiritual man. For the material man this is the time of year to take an inventory.

It is said that bankruptcy awaits any merchant who fails to take his regular inventory, so that he may "know where he stands."

Why does not the farmer need to take an inventory the same as the so-called "business man?" Is he not in business?

But to Agricola's mind, the inventory of the man himself is more important than the inventory of his property. An honest search-light investigation of what he is himself is what every man should conduct at the beginning of the New Year, and keep a careful tab upon himself as the days, weeks and months pass into eternity.

One philosopher who was in advance of his own time, if not of ours, held that a man's reputation is what he takes from the world, and his character is what he gives to the world. To take too much and retain a good reputation is the puzzle of the magnates. To give much, to sacrifice much, is the soul of Christianity.

So, now let us, one and all, take an inventory of our own character. What is our great, our dominating desire? To get all we can or to give all we can?

The commercializing of Christmas is too common, and it is out of harmony with the true Christmas spirit. The commercializing of farming is likewise inimical to the best in farm life. To make a home, to make it the best home in the world—better than any other pursuit permits—this is the duty and privilege of the farmer.

What the crop of 1907 is to be depends vitally upon what is now in the mind of the farmer. This is not limited to the vegetable world, but applies to the animal kingdom. That pig crop! The lamb crop! The fruit trees which should be set out! The flowery Eden which delights the wife, and whose absence makes her soul barren! Resolutions regarding them must be born of determination.

In urging reflection Agricola does not countenance idleness. Planning, taking a hindsight and a foresight, deep thinking—these are part of true work, and not the insignificant part either. Each morning should find us clear in mind what to do during the day. "The first hour of the morning," said Beecher, "is the rudder of the day."

Occasionally one sees a cellar wall banked with stable manure. This is to protect from frost. But it opens the door to worse trouble. The eye is offended. Good taste is outraged. The health is menaced, for the effluvia gets into the cellar and into the living room above. That the family grows unconscious of this fact makes the danger insidious and threatening.

Underfeeding causes runts; overfeeding sterility.

Do not judge the farmer by his clothes so much as by the wardrobe of his wife.

One reason for the broadness of the farmer is that he is not a specialist. The specialist is thin and sharp, rather than big and broad.

What a farmer becomes depends chiefly upon what he earnestly desires to be. You can not keep a man down perpetually unless he wills to stay down.

There is a saving which is a waste. You can save eggs by setting hens on one egg apiece, but it is a waste of hens.

Few there be in this favored state who are not now wishing that ten years ago they had set out more ever-

CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must in variably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted under this heading. Each number and initial letter or abbreviation counts one word. For the printing of this page please refer to the circulation of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 165,000, reaching a farm population of at least 825,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

PLYMOUTH ROCKS.

EVERGREEN Lawn Farm, M. Hummel, prop., Monroe, Iowa, breeder of heavy-boned Barred Plymouth Rocks for 22 years, has for sale 450 birds sired by high-scoring Iowa State Fair and Jasper County Fair first prize-winners. We won nine first prizes at the Jasper County Fair in 1905. Nothing but first-class stock shipped.

BARRED Plymouth Rocks, Hawkins, Thompson, Fitch and Todd strains. Cockerels \$1.50 to \$2.00 each, hens and pullets, \$1.00 a dozen. Must close entire stock by January 1st, as we intend to leave. Lou Blatner & Co., Prairie City, Iowa.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Anderson Bros., Indianola, Iowa.

300 CHOICE Barred Plymouth Rock cockerels and hens, large and healthy, narrow barred to skin, \$1.00 each, six for \$5.00. Willis Scheibon, Merrill, Iowa.

MASON C. OGG, Fairmount, Iowa, breeder of extra large, well-shaped, nicely marked Barred Rocks, 100 choice cockerels for sale. Eggs in season.

BARRED Plymouth Rock cockerels, scored and unscored. Mrs. A. S. Wilkinson, Paton, Iowa.

75 BARRED ROCK Pullets, extra large, 15, \$10. Mrs. C. H. Medberry, Wadena, Iowa.

LANGSHANS.

FOR SALE—Black Langshan cockerels and Bronze turkeys of high quality. Cockerels at \$2.00, toms at \$5.00. One cock 94 score; one tom 35 pounds, for sale or exchange. Mrs. S. S. Spangler, Milan, Mo.

100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstake, Creston Fair. Philip Stalcup, Lorimer, Iowa.

FOR SALE. 200 Black Langshan cockerels and pullets as fine as I ever raised. For prices write E. D. Keasey, R. R. 1, Wiota, Iowa.

BLACK LANGSHAN cockerels, \$1.00 each. Leonard C. Paup, Marlan, Iowa.

WYANDOTTES.

SILVER LACED Wyandotte cockerels exclusively. Price \$1.00. Eggs in season 50c per 13. Mrs. O. W. Thomas, Route 2, Manchester, Iowa.

WHITE Wyandottes, score to 96. 150 fine cockerels cheap. Mrs. S. E. Alley, Greenfield, Iowa.

BUFF Wyandotte Cockerels for sale. Hugh Sullivan, Prairie City, Iowa.

INDIAN GAMES.

CORNISH Indian Game prize winners. Scored stock for sale. Mrs. S. A. Hawk, Route 3, Chariton, Iowa.

MISCELLANEOUS POULTRY.

PURE-BRED poultry and eggs of all kinds for sale. Barred and Buff Rocks, Pekin ducks and Bronze turkeys a specialty. Enclose stamp for catalog explaining our method of business. J. F. Foy, Redfield, Iowa.

HIGH Scored Poultry. Barred Rock cockerels, \$1.00 to \$1.50; Pekin ducks, \$3.00 trio; Toulouse geese, \$6.50 trio; Fox Terrier dogs, \$8.00 to \$10.00 each. Stamp for reply. J. O. Walton, Belle Plaine, Iowa.

TWENTY-FIVE Breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Rural Route No. 4, Mapleton, Minn.

FORTY leading varieties of thoroughbred poultry, geese, ducks, turkeys, chickens, pigeons. Send 6 cents for new 40-page catalog. F. J. Damaun, Farington, Minn.

MAMMOTH Bronze turkeys; fifty from stock scoring 96 to 97. Two hundred choice Barred Plymouth Rock cockerels, \$1 each, J. C. Watts, Berwick, Iowa.

CHOICE White Wyandotte pullets, \$10 per dozen. White Wyandotte and Barred Plymouth Rock cockerels, \$1.00 each. Martha Resh, Emmetsburg, Iowa.

WHITE Holland turkeys, White Wyandottes for sale. Write for prices. W. A. Marsh, Jr., Alledo, Ill.

green trees. Next spring, when trees should be set out, something else will keep most of us busy, as in the past.

Cornplaters here are arranged to plant 3,555 hills to the acre. One good ear of corn contains enough grain to plant 300 hills. From this it is undeniable that it does not require many good ears to plant an acre. Two such ears per hill will give 100 bushels per acre, and then some.

The Norway spruce gives the best satisfaction of any of the common varieties which Agricola has set out. It is a beautiful tree any and all times of year, and it is an excellent windbreak.

The willow hedge is death to apple trees within several rods of it. Now is the time to cut down willows and convert them into firewood. What about protecting the orchard? The windbreak

LEGHORNS.

ROSE Comb Brown Leghorns exclusively. The best lot of cockerels ever raised at Pike Thuber Stock Farm, for sale. T. A. Davenport, Belmond, Iowa.

SCORED and unscored Single Comb Brown Leghorn cockerels. Mrs. Clyde Nelson, Birmingham, Iowa.

COCHINS.

FOR SALE—A fine lot of Partridge Cochlin cockerels and pullets, Geo. Mitchell strain, \$1.00 and up. Mrs. C. O. Brewer, Route 4, Atlantic, Iowa.

RHODE ISLAND REDS.

Rhode Island Red cockerels. Extra large, good color. For sale very cheap. Mrs. J. Holmgren, Gilmore City, Iowa.

SQUABS.

SQUABS—Homer pigeons, straight bred are most profitable for squab raising. Buy acclimated birds from finest flock in the central states. Hawkeye Squab Co., Marshalltown, Iowa.

DOGS.

RATS. My Scottish Terriers will make them git. Fine pups for sale. S. W. Harr, Riverside, Iowa.

CATTLE.

REGISTERED Herefords for sale. Twenty cows and heifers, \$50 each; 27 calves, \$30 each, by bunch. Also four home-raised registered Percheron stallions. Address, L. H. Luckhardt, Tarkio, Mo.

FOR SALE—One finely bred yearling Holstein bull, nicely marked and a fine individual. From rich milking family; grandam tests over 4% butter fat. J. K. Elliott, Woodward, Iowa.

RED POLLED Cattle. Champion beef and milk producers, choice animals, either sex, priced right. Write for booklet and particulars. O. P. Russ, Ravewood, Mo.

HOGS.

POLAND CHINA PIGS sired by State Fair winner, Victor M., Perfect I know and others; mature dams; all ages. Write G. Kirchhoffer, Elkhorn, Wis.

FOR SALE—Improved Chester White brood sows and gilts. Bred. Write your wants to A. J. Johnson, R. F. D. No. 2, Brighton, Iowa.

HORSES.

THREE home-grown, pure bred Percheron stallions for sale; two 3 and one 2 year old, blacks, 1,500 to 1,800; heavy boned, extra quality. Priced right. Grant McCoy, Indianapolis, Indiana.

AGENTS WANTED.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

AGENTS—Sell Automatic Self-cleaning Curry Comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Racine, Wis.

JOB PRINTING.

FIFTY printed envelopes sent free with 100 neatly printed Note Heads, your name, business and address for 50c, cash accompanying order. National Printing Co., Des Moines, Iowa.

MISCELLANEOUS.

AT LAST, the Perfect Collar Button, indestructible. Won't rub the neck; by mail, 10 cents. Warner Specialty Co., A-1767 Walker St., Des Moines, Ia.

ECZEMA—I will send a receipt guaranteed to cure Eczema for \$1.00 in 2c. stamps, P. O. or express order. H. M. Belvel, Des Moines, Iowa.

must be quite distant. Our experiment is that good air circulation is what fruit trees need.

Would you be a respectable and a self-respecting man? See that the cow does not disgrace you. If she is not a success she reflects discredit upon the one who owns and cares for her.

There are many types of plants and of animals. Type is due to the peculiar modification of cell growth. The first specimen is properly a "sport." Perpetuating it makes a type.

Butter fluctuates in price, but less than any other farm product. This makes intelligent dairying one of the safest occupations.

Scotch pine is a handsome evergreen when young, but it grows scraggly with age. Russian pine is homely in its

REAL ESTATE.

FARMERS, ATTENTION! Better yourself—go to blue-sunshine climate where crops are absolutely sure and destructive storms unknown. Come to Southern Idaho where the Snake river irrigates the broad valley. No expensive reservoirs, and the irrigation system enables one to tend 80 acres where you turn on water when needed and put right to make the best possible crop. You raise more on 40 acres here than on 120 where you are now. Alfalfa makes 8 tons per acre, potatoes 400 bushels, wheat 70 and oats over 100; sugar beets, barley, etc., in proportion. Country is settling fast, land advances everywhere. Write at once for particulars. Reliable information and fair dealing guaranteed. Reference: Bank of Kimberly. Call on or address, Wells Webster, Kimberly, Idaho.

A BARGAIN—One of the best half sections in Minnesota. 18 located in the corn belt near Iowa line. Produces seventy bushels of corn to the acre and bumper crops of grain and grass. 280 acres under cultivation, mostly tile drained; five acres orchard; buildings surrounded by large evergreen hedge. Good set of farm buildings. For full particulars, address, A. W. Trow, 944 Ashland Ave., St. Paul, Minn.

CALIFORNIA land, \$1.00 acre; balance entire purchase 20 cts. week for each acre, no taxes; no interest; 5-acre tracts; level, rich clear, ready to plow, under irrigation; perpetual water right; immediate possession given; particulars, maps, photographs for San Francisco, Room 47.

FLORIDA farm, 40 acres on Indian River, suitable for all sub-tropical fruits and vegetables; four-room house, six acres pineapples, two acres oranges and grape fruit, two acres garden. Price, \$6,000. Address, Stewart Ankney, 1942 Arlington Ave., Des Moines, Iowa.

BEST 120-acre farm in DeKalb County, Missouri joins county seat, ½ mile to graded school, 30 miles from St. Joseph. Plenty of water, all rich land; would make fine dairy or hog farm. Splendid improvements. For full description address F. B. White, Maysville, Mo.

A BARGAIN—Well-improved 400-acre farm in central Minnesota. Owner not a farmer. Price, 30 days only, \$30 per acre. Easy terms. Might take cheaper land for part payment. Write quick, if wanting a bargain, to D. F. Nicholson, Lamoni, Ia.

TEXAS RANCH for sale in Oldham County, Panhandle, three miles from county seat. 6,000 acres good land, inclosed with five wire fence; 10,000 improvements, price \$4.00 per acre; easy terms. Also smaller tracts. Thos. J. Pugh, Omaha, Neb.

SALE OR RENT—160-acre farm, 8-room house with furnace, two barns, tenant house, etc. Convenient to church, school, cheese factory, railroad stations. Address owner, E. S. Wolcott, Richland, Ia.

FOR SALE—80 acres clay loam, good dwelling, orchard, barn, stone stable, silo, 4 horses, 30 head of cattle. Marquette nine miles. Price \$80.00. Address Frank Wood, Peshtigo, Marquette Co., Wis.

WESTERN Kansas Lands. 40,000 acres, Finney, Kearney, Hamilton counties. Wheat and alfalfa lands; \$5.00 and \$12.50 per acre. Write for list. Nicholls & Moyer, Coffeyville, Kan.

560 ACRE RANCH, well improved, in Coffey county, no better in eastern Kansas, at a bargain if taken soon. For description and maps write Lane & Kent, Burlington, Kansas.

GOVERNMENT bonds no better than these farm bargains, being well improved and well located; \$40, \$16,000; 160, \$5,200; 80, \$2,100. Buckeye Agency, Williamsburg, Kan.

TEXAS FARM for sale. Section of valley land near Vernon; produce anything; sandy loam. Write to owner for details. Joseph W. Laud, owner, Vernon, Texas.

A BARGAIN—24 acres, well improved, one mile from railroad and creamery, five miles from county seat. Write owner for particulars. Box 76, Osgood, Iowa.

BAYFIELD County farm lands. I own and have for sale all sorts of lands close to Washburn. Low prices; easy terms. O. P. Swanby, Washburn, Wis.

NOTICE TO HOMESEEKERS—If you want homes in eastern Kansas please write for lists of land. Burger Brothers, Burlington, Kan.

FOR SALE. A fine lot of farm bargains in east Kansas. Any size; write for free list and map. Her & Mansfield, Garnett, Kansas.

PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

youth, but improves as it approaches maturity.

According to the United States census the average expense for each farm in the United States for commercial fertilizers is \$10 per farm. This fact should "give us pause." New York farmers pay \$20 per farm, Georgia \$26 per farm, and Wisconsin starts out with \$2 per farm. Should Iowa become a sugar beet state she will join the commercial fertilizer class.

There is but one housewife who has a sweet-smelling dish cloth, and she is the one who is now reading this item.

Eight years ago a farmer set out a white willow hedge twenty-two rods long. From this he has now cut four cords of wood, one hundred ten-foot poles, and three loads of firewood.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

SHEEP IN THE ORCHARD.

A writer thus enumerates the advantages of keeping a flock of sheep in the apple orchard: Sheep, if properly fed, will keep down the weeds and grass, eat the fallen apples, and add very materially to the fertility of the soil. Orchards are continually overrun with insects, which are multiplying on every hand and are more destructive than ever. Among them are the caterpillar, the try-peta, or maggot borer, etc. The spraying pump will subdue many, but one little fellow that bores through the fruit we cannot reach by spraying—the try-peta. The only way is to destroy the fallen apples containing it as soon as they drop. The apple grower has no better assistant than sheep. To use the sheep to advantage there must be a sufficient number to keep the grass grazed short. A ten-acre orchard must have a hundred sheep, and smaller in proportion. Put in twice as many as the lot will pasture, with a liberal addition of grain or bran. It costs three dollars a week to feed one hundred sheep, and with this money buy 250 pounds of bran and an addition of meal. This will give them fifty pounds a day, or half a pound for each sheep. Three special objects are thus obtained. The sheep are the best insecticides, and will exterminate the codling worms and all the apple maggots that fall. They crop the weeds, and enrich the soil with their droppings. The spraying pump fails to accomplish a part of these, and the machinery costs more than that of the sheep when already owned. A Mr. Woodward states that he has an orchard that has not been plowed for seventeen years, pastured in this way, which is reasonably healthy, and makes an annual average growth of full fifteen inches on the limbs. The leaves are dark green, and he ascribes its good appearance and health to his overstocking it with sheep. They are kept from gnawing the bark by wire netting, with meshes one and one-half inches in diameter, and three or four feet wide. All the winter-made manure is applied at least every second year.

Weeds and Sheep.

Of the 600 weeds and grasses growing in the Northwest, it is estimated by those who have made a study of it that sheep will eat not less than 576 of them, while horses consume but eighty-two, and cattle only fifty-six of them. The fact is sheep prefer many kinds of weeds to grasses, and weedy cattle and horse pastures are always improved by turning a small flock of sheep into them.

Whenever I see a boy in a mustard field of large area pulling out the mustard plants, where the grain grows among the mustard rather than the mustard plants among the grain, memory goes back to the days when I worked at the discouraging task of cutting thistles with a butcher-knife. There are many ways of killing weeds that are commendable.

THE AUTO-FEDAN
3-Stroke HAY PRESS 2 Men Can Run It.

Satisfaction Guaranteed.

THE AUTO-FEDAN HAY PRESS CO.
1062 Jefferson St., Topeka, Kan.Cancer Cured
No Knife, No Pain

People I have cured of cancer prove the astonishing results of my treatment. Peter Keegan, (Galesburg, Ill.), writes: "It is only a question of time—I must die. Doctors said 'no hope.' My new method was used and to-day Mr. Keegan's cancer of the throat is healed, and he is well. I have made wonderful cures without pain, operations, sticky balms, oils or plasters. My treatment is clean and wholesome. It gives instant relief from the smarting, itching and terrible burning pain, destroys the offensive odor and has cured cases given up by the family physician and specialists. If you have cancer or have a friend who has cancer, write me to-day. Full information, proofs and advice given without charge. Address DR. RUPERT WELLS, 2165 Hadol Bldg., St. Louis, Missouri.

TWO PIANOS! CASH! BIG PRIZES FREE!



If this chart gets destroyed another printed upon heavy paper will be sent upon receipt of 20 stamp for postage.

Test of Skill—This contest is not to be confused with the guessing or estimating contests. Our contest is a test of skill in counting and planning and the best man wins. It depends upon you. There is no guess or chance about it. Do not hesitate about entering but get your counts in at once.

CONDITIONS—50 cents pays for a year's subscription to SUCCESSFUL FARMING and one count; \$1.00 pays for two years and three counts and makes you eligible for the special \$50.00 prizes given to winners of 1st prizes if they have three counts. See below.

AWARDS will be made as follows—The persons giving correct or nearest correct count will get first prize. Next nearest correct, second, etc.

\$50 PRIZES—We believe everybody should have three counts so they can have one each side of what they think is correct to be more sure to hit it. To encourage this we will give \$50.00 extra to winners of 1st prizes if they have three counts. Remember if you have one count you get 1st prize only, but if you have three counts you get \$50 extra.

TIME PRIZES—\$25.00 Extra. We feel early counters should be rewarded and we will give \$25.00 to the person sending best answers by March 31st.

In case of tie we will write each person so tied asking them to make as few words as possible from the letters of the alphabet, using each letter of the alphabet twice and only twice, and no one word more than once, each letter left over counting as one word. To the one tied in the counting who gives us the fewest words as above will be awarded first prize. This practically eliminates all question of tie, but if there should be any possibility a tie in this the prize will be divided equally between those so tying.

Subscription without counts is 25 cents per year, additional counts after you have three entered as per our terms in paragraph "condition" above may be entered at 25 cents each.

Publisher SUCCESSFUL FARMING, 203 Tenth St., Des Moines, Iowa.

I enclose \$..... for subscription to SUCCESSFUL FARMING,

and I wish to enter the..... (write ladies' or gents') Contest. If \$1.00 is paid send three counts; if only 50c is paid send ONLY ONE count. The extra \$50.00 go only to those having THREE or more counts entered.

My Count is: (1).....(2).....(3).....

NAME.....

P. O. State.....

Address all letters to SUCCESSFUL FARMING, 203 Tenth, St., Des Moines, Iowa.

FREE If You Can Tell How Many Dots

IF YOU CAN COUNT AND PLAN YOU CAN WIN!

SUCCESSFUL FARMING will give to those who can count the dots in the piano correctly or nearest correctly, the following list of prizes: CAN YOU DO IT?

Two Elegant Pianos, one to a lady and one to a gentleman.
2nd. Two Hundred Dollars Cash.
3rd. One Hundred Dollars Cash.
4th. Fifty Dollars Cash.
5th. Twenty-five Dollars Cash
Next 5. Ten Dollars Each.
Next 10. Five Dollars Each.
Next 25. Two Dollars Each.

CONDITIONS: 50 cents pays for one year and one count. \$1.00 pays for two years and three counts. You get \$50 extra if you have three counts. It will pay you to have three. See conditions below.

Don't Delay! If you want a Piano or other Prizes FREE, send your counts at once.

PRIZE WINNERS IN PAST CONTESTS

A Piano for \$1.00. Surely people may enter your contests knowing that they will receive fair treatment. How glad I was to win a piano for so small an amount and wholly unexpected. The paper alone is worth all I paid.

MRS. L. W. NOTT, Marion, Ia.

He Won a Piano. Refer people to me if they are honest. I got a piano for a prize and never heard of you until I answered your ad. Your paper is worth twice the subscription price. W. C. ELLIOTT, Audubon, Iowa.

\$100.00 Prize. I got my \$100.00 and it was the easiest I ever earned. The dots are hard to count but I know the prizes go to those who win them fairly.

Won \$350 Cash. To Whom It May Concern: I won grand prize of \$350.00 Cash in last contest. I was much surprised. I want to vouch as to Successful Farming's fairness to any and every body.

JOHN A. GOODWIN, Richmond, Va.

Do You Want \$100 Cash? I received greenbacks. Thanks to you gentlemen. Your contest must be fair. The judges have been impartial. Refer to me. J. W. SMITH, Rome, Okla.

\$50.00 for Canada. Way naphere in \$50. Never knew there was such a paper until I answered ad, now I will never be without it again.

Miss E. Fournier, Mantane, Quebec

Won a Piano. I received the elegant piano which I won in your recent contest, and all was perfectly grand. I am recommending you to all my friends and you are at liberty to use my name as reference any time you wish.

ISAAC SHOTWELL, Rockland, Ohio

Others Who Have Won: Buckner, Fredonia, Kas. \$100—C. S. Wyman, Vinton, Ia. \$50—S. Irving, E. 22 E. Balt., Baltimore, Md. \$100—E. M. Hall, Montrose, Mo. \$50—L. F. Stinson, Arcata, Calif. \$50—A. J. Perdue, Altoona, Ia. \$50—Albert Peterson, Holdrege, Neb. Piano—Mr. Libbie Grulich, St. Paul, Minn. Piano—W. S. Keever, 817 Freeman St., Cincinnati, O. Piano—J. Gemachlich, Kensington, Kan. These are but a few of many. We could give a list of hundreds if we had space. You might as well be a winner, if you go at it at once.

A Piano for Illinois. An elegant Piano for a Dollar. That is what I got, and anybody that thinks your prizes are not awarded fairly don't know. There can be no favorites or I would not have won.

MYRA A. FURSMAN, Panama, Ill.

Nobody connected with our paper will be allowed to compete. Contest closes June 30, but get your counts in at once. See about time prize above.

A PIANO



MRS. L. W. NOTT, Marion, Iowa.

A PIANO



W. C. ELLIOTT, Audubon, Ia.

\$50.00 CASH



EUGENIE FOURNIER, Mantane, Quebec.

These include turning fields into meadows and pastures, summer fallowing, and growing hoed crops. But none of these will compare with that system of destroying them by growing on the infested lands successive pasture crops, to be eaten down by the sheep as often as they grow. No other plan of killing weeds will compare with this in cheapness. None will compare with it in effectiveness, and none will compare with it in the use to which the weeds are put. The system of thus destroying weeds is in outline as follows: Take a piece of weed-infested land and grow upon it a succession of pasture crops for one, two or three years, according to the tenacity of the weeds and to their numbers. The aim should be to grow them in as close a succession as possible, and to crowd the largest number of them possible into a single season. With annuals this should more especially be the aim, since every stirring given to the soil by the plow or the cultivator is helpful in sprouting dormant weed seeds in the soil, and until they are sprouted they cannot be said to be destroyed so long as they retain the power to germinate.

Without applying some such process to a field smitten with mustard, it might take many years to see the end of the mustard plants by the ordinary methods of cultivation. Of course it is not necessary to follow the system further than to so reduce the weeds that it will be practicable to pull out by hand any stray plants that appear. The system is economical. It could not be otherwise.

When sheep devour weeds they do not charge anything for their work. On the other hand, they pay the farmer for the privilege of pulling the weeds. They never go out on a strike. They never clamor for short hours, and they never weary in the work. It seems to afford them so much pleasure in pulling the farmer's weeds that if they could they doubtless would sing more cheerily than the negroes do, as they toil amid the cotton and the cane. They do not tear the weeds out and leave them to waste on the surface of the field, as the cultivator does. They do not gather them in armfuls, as the boys do, and then carry them laboriously to the ends of the field. They turn them into mutton, fresh, juicy and crisp. A sheep's stomach is the most perfect receptacle that was ever made for weeds. It is sure death to every form of weed life. No weed seeds retain the power of resurrection after having been buried in that living sepulcher, the stomach of a sheep. A more suitable receptacle is it than a Gehenna or a Tophet would be. Either of these would deprive the weeds of the power to grow, but in doing so they would consume all the nitrogen in the weeds. Only the phosphoric acid and potash would be left in the ashes. But when sheep consume weeds they take out some of the nitrogen, a little of the phosphoric, and the potash to supply their own needs, and the residue they put back over the land to stimulate the growth of the crops that shall yet be sown.—(Thos. Shaw in Kansas Report.)

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

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FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation.

D. M. NORTON, Sanborn, Iowa.

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Brass or aluminum. Specify which you desire.

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20 REGISTERED Shropshire ewes, \$20 to \$35 each.

W. C. Frazier, Atlantic, Cass Co., Iowa.

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This winter the Chicago Great Western Railway will sell tourist round-trip tickets to points in Alabama, Central America, Colorado, Cuba, Florida, Georgia, Louisiana, Mexico, Mississippi, New Mexico, North Carolina, Porto Rico, South America, South Carolina, Tennessee and Texas at very low rates. Tickets have limit of June 1st, to return and allow some stopovers. Call on E. J. Sawyer, C. T. A., 614 Walnut St., Des Moines, Iowa, for full information.



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SEND US 'COON, MINK, 'POSSUM
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ceived. Try us! We must treat
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you as a shipper. Write for
price list and tags.

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Reading, Michigan.

Reading, Michigan.



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1-2c., Horse Hides \$3.50, Tallow
5c., Beeswax 29c., WOOL 25 cts..
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PROFESSIONAL Veterinary advice through this
department to regular subscribers only. We do
not answer veterinary inquiries for the benefit of
"neighbors." Parties desiring information will be
required to send their names in full with their ad-
dress. No question will be answered by mail unless
accompanied by a fee of one dollar. In order that
correct information may be given, the symptoms
should be accurately described, stating of how long
standing, together with color and age of animal, and
what treatment, if any, has been resorted to. All vet-
erinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

THUMPS.

Please tell me what is good for the thumps
in hogs. I have a male hog that lies around
all the time and will not eat nor drink much.
It is getting gaunt and poor and its sides
thump all the time. It has had good, dry
sleeping quarters. I just bought him about
a month ago.

The case is an aggravated one and
it is questionable whether he can be
cured. Physic him with epsom salts in
slop or as a drench and follow with fif-
teen drop doses of tincture of opium in
milk every three or four hours until
relieved. Feed light slop and have him
take all the exercise possible as the dis-
ease is caused by lack of exercise and
overfeeding. We could not advise breed-
ing from a boar so affected even if he
recovers, as the tendency to it is heredi-
tary and he may transmit a like weak-
ness to his progeny.

SICK HOGS.

Can you tell me what is the matter with
my hogs and what to do for them? They
swell up under the throat and seem to get
short of wind. They will eat and drink, but
are not as spry as the other hogs. One has
died and three or four are affected. These
are shoats weighing about 125 pounds each,
but this disease makes them thin. The one
that died was affected about six weeks.

The swelling under the jaws may be
dropsical and merely an indication of
debility and bloodlessness, and as the hog
lived six weeks we think this is the
case. A post mortem examination should
have been made to determine cause of
death, but it seems quite likely that
some internal parasite led to the condi-
tion described and we would therefore
advise you on general principles to treat
for worms according to directions so
often given in this department of the
paper.

MECHANICAL CHOKER.

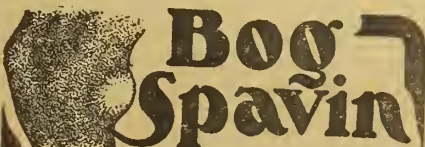
I have a bay horse nine years old. He
was in good condition until about two weeks
ago when all at once while I was hauling
corn he started to choke up after pulling up
a hill—that is, his breath was short and he
trembled in his limbs and then fell down.
I unhitched him and let him rest a while,
and then drove slowly home. I have tried
him several times and it is always the same
way, only he does not always fall. I have
been giving him oil meal. He eats heartily
and I cannot notice anything wrong until
he pulls up a hill. What is the matter with
him and is there a cure for him? He weighs
about 1,600 pounds.

Horse chokes himself when he gets
his head down to pull load up hill and
first point should be to see that it is
not due to a tight collar pressing down
upon jugular veins. It is more likely
that he is short and thick in the neck
and has enlarged glands about the
throat, which condition is incurable.
Such horses are sometimes benefited by
an overhead check to prevent lowering
of head.

PRURITIS.

Can you tell me trouble and cure for my
work mare nine years old? About six weeks
ago she began to rub out mane and tail.
The itching continued to spread all over
body and legs. She has rubbed and gnawed
sore all over her head, belly and legs. Our
veterinarian gave me some medicine to feed
and tablets to wash sores, but treatment does
no good. There are other cases like mine
among stallions, which the veterinarian calls
eczema. He says it is not Texas itch nor
scab.

Have mare clipped at once and wash
all affected parts with a one-fiftieth so-
lution of coal tar dip, and while wet
rub in flowers of sulphur. Afterward,
if itching continues, apply a little of



Bog Spavin
Cure the lameness and
remove the bunch without scarring the
horse—have the part looking just as it did
before the blemish came.

Fleming's Spavin Cure (Liquid)
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ought to have before ordering or buying any
kind of a remedy. Mailed free if you write.

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Gentlemen:—
I purchased some of the Iowa Worm Powder last February and
I don't think I ever made a better investment. The Iowa Worm
Powder can be depended upon. I had some of it left that I fed to
my spring pigs and it surely done the business.
I gave your Mr. Deal an order today for some more of the Worm
Powder, as I want it on hand. An occasional feed of it keeps the
worms from accumulating in my pigs. Feeding to prevent sickness
beats curing after pigs are sick. Most of the pig losses are due to
worms and the Iowa Worm Powder is sure death to worms.
Truly yours,
Alex. Norman.

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robes, also other tanning. **ANDERSCH BROS., DEP. 19, MINNEAPOLIS, MINN.**

a lotion composed of ichthyol, two
drams; glycerine, one ounce, and water,
one pint. Stop feeding grain and after
feeding two bran mashess without hay,
administer a physic ball supplied by vet-
erinarian. Do not give ball if she is
in foal. If the trouble continues give
half an ounce of Fowler's solution of
arsenic twice daily. Corn feeding should
be avoided for the present and exercise
should be taken every day in the open
air.

INDIGESTION.

I have an eight-year-old brown mare which
after foaling her first colt a year ago last
May, seemed to be overheated and last win-
ter did not fatten. I bred her on the ninth
day after she foaled, and about two weeks
before foaling again this spring I had to
stop working her. She worked about two
hours in the morning and then would lag
behind, sometimes nearly falling over. After
foaling this spring I took her to our vet-
erinarian and he gave me some medicine for
her. She then got better so I could work
her. She is again with foal, but acts as if
she were in heat or wanted to urinate. The
mare is in good flesh and doing well. What
can I do for her?

She is probably affected with indiges-
tion and the urinary difficulty may come
from this or from feeding musty or
moldy hay. Avoid such food; let her
run out day times or work her lightly
each day and give her a roomy box stall
when in stable, which should be kept
clean and perfectly ventilated. As she
is in foal we would not give her any
medicine, but carrots might aid in re-
lieving the trouble and she may be al-
lowed free access to rock salt. Have
her teeth attended to by veterinarian.

CORN STALK DISEASE.

Will you please inform me what is the
matter with some of my milk cows? They
are in quite good condition and are always
kept in the barn nights since cold weather
has commenced. They have been running in
the corn stalks for about a month and do not
get too much corn to hurt them. Feed them
hay at night. About three weeks ago I had
one that in the evening could not get up in
the yard. I put her in the barn and in
twenty-four hours she could stand and walk
as well as ever. Have had one since that
also got well and now I have one which is
down again and cannot get up. Please tell me
what I shall do to prevent this or what to
do when they have it. They always eat well.
The trouble seems to be in the front legs
mostly. I think it is cramps.

Such trouble is common where cattle
are allowed to run on corn stalks and
will cease as soon as they are yarded
and properly fed hay and other suit-
able food not containing injurious mat-
ters. The affected animal should be
physicked with castor oil (one pound of
it in milk) and afterward should have
a dram of fluid extract of nux vomica
twice daily for a few days and then
three times daily until she can get up.

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ABSORBINE

Cures Strained Puffy Ankles,
Lymphangitis, Bruises and
Swellings, Lameness and
Allays Pain Quickly without
Blistering, removing the hair, or
laying the horse up. Pleasant to use.
\$2.00 per bottle, delivered with full
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ABSORBINE, JR., for man-
kind, \$1.00 Bottle. Cures Strains,
Gout, Varicose Veins, Varicocele,
Hydrocele, Prostatitis, kills pain.

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DEATH TO HEAVES

NEWTON'S Heave, Cough, Dis-
temper and Indigestion Cure.
A veterinary specific for wind,
throat and stomach trouble.
Strongly recommended. \$1.00 per
can, of dealers, or Exp. prepaid.
The Newton Remedy Co.,
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A. S. ALEXANDER, V. S.
MADISON, WIS.

Veterinary Editor The Homestead.
CONSULTING VETERINARIAN. Advice and
prescription by mail, \$1.00.

IN THE GREAT SOUTHWEST.

A million dollar, twenty story building is to be erected in Kansas City.

Considerable snow fell in Western Kansas, Indian Territory and Oklahoma last week. Trains were delayed and and unprotected stock suffered some loss.

Secretary Coburn, of Kansas State Board of Agriculture has received a request from Panama, South America, for sunflower seeds. This plant does not grow in that country and Americans there are longing to see the gold and black flowers again.

The Wamsley game law in Missouri netted \$45,000 from sale of licenses and fines during last two years. However, the law is unpopular with farmers and commission men and many hope to have parts of it repealed soon. The Humane society will oppose the movement.

The United States Food Standards Commission recently recommended to the Secretary of Agriculture that he advise food manufacturers and dealers not to use any food preservatives other than salt, sugar, smoke, vinegar, alcohol, spices and saltpeter.

The work of reading the bids on the Big Pasture lands in Oklahoma is now in progress and there are 7,621 propositions on hand. Many of the bids come from business and professional men. However, special agents of the government will see that homesteaders comply strictly to the law.

The Missouri Valley Horticultural society declared in a resolution at its late meeting that the present system of free seed distribution by members of congress was a "graft," and authorized the officers of the society to notify the Missouri and Kansas members of congress of the resolution, asking them to use the money for agricultural experiment stations that is now used for seeds. The game laws of Kansas and Missouri were approved. Officers for next year elected were: W. G. Gano, of Parkville, Mo., president; Asa Chandler, of Randolph, Mo., vice president; A. V. Wilson, of Muncie, Kan., secretary, and Daniel Lowmiller, of Parkville, Mo., treasurer.

At its last annual session the Kansas state Grange elected the following for officers for the ensuing year: Master, George Black, Olathe; overseer, M. Radcliff, Overbrook; lecturer, A. Reardon, McLouth; steward, R. C. Post, Spring Hill; secretary, A. L. Hunt, Olathe, and treasurer, Henry Rhoades, Olathe. The meeting of next year will be in Lawrence.

According to an agreement concluded between the representatives of leading railroads in Kansas, Missouri, Oklahoma and Indian Territory, the "free time" on coal, coke, lime and ore has been reduced from seventy-two to forty-eight hours. This requires that freight receivers must remove these commodities from cars within forty-eight hours after being received or else demurrage charges will be made.

Colorado new potatoes are quoted at thirty cents a peck in Kansas City, Florida strawberries at eighty cents a quart, mushrooms at seventy-five cents a pound. Butter is thirty-five to forty cents a pound and eggs as much per dozen.

Missouri state officials, judges and newspaper men are urging the coming legislature to appropriate funds for a new state capitol at Jefferson City.

Ex-Senator Harris, of Kansas thinks that the West is not so much in need of cars—there being many empties on Kansas City sidings—as need of motive power and railway management.

The Missouri Poultry Association has adopted a new seal. Formerly the state coat-of-arms was used, but now in place of the two bears upon it the association will have two chickens. Otherwise the seal will remain unchanged and its adoption as the state seal has been urged.

Following that meeting on January 7, 8 and 9 the Improved Stock Breeders' Association will meet in Topeka, Kan. Besides a splendid program including talks by well-known men on such subjects, the association will have



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The other one: published twice a month, twenty-four times a year, a splendid Fiction Magazine Section, filled with stories, games and interesting reading for the family. An early feature is a complete novel by Miss Maude Roosevelt, entitled "The Strange Adventures of Helen Mortimer."

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important business to consider, such as the proposed semi-centennial of 1911, the state fair and needed legislation.

January 4 and 5 is the date set for the meeting of the Kansas Aberdeen Angus breeders to be held at Manhattan, Kan. A judging demonstration will be given and some of the speakers will be L. H. Kerrick, Bloomington, Ill., Geo. Stevenson, Waterville, Kan., and Professor Kinzer of the state agricultural college.

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We call the attention of our readers to page 5 where we publish the latest chapter of the Litchfield continued story, "Tooting Our Own Horn."

Combination Sale at Wichita Kan.

The first annual combination sale of purebred Poland Chinas, Duroc Jerseys and Short-horns held in the new live stock pavilion at Wichita, Kan., December 18th and 19th, by the Improved Breeders' Association of the Wheat Belt, was well attended by breeders from Kansas, Missouri and Oklahoma. The offering was a creditable one. The sale as a whole was well managed. In the Poland China class, Peach Blossom, a fancy gilt sired by Ideal Keep On 36989 and owned by Mr. Chas. O. Parsons, of Clearwater, Kan., of Ideal herd fame, brought the top price, going to Messrs. Dyke Bros., of Whitewater, Kan., for \$55. The eighteen head of Duroc Jerseys offered were a good lot. Sunny Slide's Best, a well-proportioned sow owned by Messrs. H. H. Hague & Son, of Newton, Kan., went to Mr. L. L. Morgan, of Helzer, Kan. The consignors of Short-horns were well pleased with the results of their consignments. Pride of Orange 244059, red bull, bred and owned by Mr. Henry Stunkel, of Peck, Kan., was bought by Messrs. Neuser Bros., of Anson, Kan., for \$95. The next best buyers were Messrs. W. A. Newkirk, of Kiowa, Kan., and B. Cook, of Derby, Kan. Colonels Sparks, Snyder and Freese did the block work very satisfactorily to all. Below will be found a list of the principal sales:

POLAND CHINAS.	
Lot.	Price.
3. Dyke Bros., Whitewater, Kan.	\$55.00
9. J. B. Meyer, Canton, Kan.	30.00
10. Dyke Bros.	24.00
11. R. C. Moot, Augusta, Kan.	17.00
12. A. C. Shields	30.00
13. G. B. Clark, Wichita, Kan.	21.00
13½. Chas. Kebmeyer, Mulvane, Kan.	17.00
16. O. J. Hull, Rose Hill, Kan.	16.00
17. E. A. Goodwin, Derby, Kan.	27.00

18. O. J. Hull	31.00
19. C. A. Shields, Derby, Kan.	24.00
20. W. R. Peacock, Sedgewick, Kan.	26.00
21. C. A. Shields	36.00
22. Same	23.00
23. A. E. Sweet, Wichita, Kan.	27.00
24. J. B. Meyer	25.00
25. Dyke Bros.	23.00
26. E. Schwartz, Derby, Kan.	19.00
27. Dyke Bros.	37.00
28. A. C. Shields	19.00
29. S. C. Duncan, Wichita, Kan.	18.00
30. E. Schwartz	28.00
31. Same	23.00
32. Dyke Bros.	35.00
33. A. C. Shields	25.00
35. Ruben Cox, Rose Hill, Kan.	31.00
36. S. J. Garberick, Wichita, Kan.	20.00
37. A. C. Shields	28.00
39. A. E. Sweet	24.00
40. A. Early, Rago, Kan.	30.00
41. G. Barnes, Milton, Kan.	23.00
42. H. A. Thomas, Freeport, Kan.	22.00
43. O. J. Hull	20.00
44. A. E. Sweet	20.00
45. H. E. Henry, Douglas, Kan.	21.00
46. S. C. Duncan	20.00
52. A. C. Shields	15.00
53. Same	15.00
54. A. Early	17.00
55. Chas. Kahlmeier	17.00

SUMMARY.

49 head\$1,136.00; average....\$23.19

DUROC JERSEYS.

List of hogs that sold for more than \$15:	
Lot.	Price.
1. M. Gorges, Colwich, Kan.	\$16.00
2. Joseph DuRain, Bliss, Okla.	16.00
3. Homer Newkirk, Kingman, Kan.	21.00
7. Clay Harrington, Clearwater, Kan.	25.00
9. Joseph DuRain	24.00
10. Homer Newkirk, Kingman, Kan.	25.00
11. E. Clark, Wichita, Kan.	15.00
12. M. Gorges	25.00
13. J. F. Ruggles, Wellington, Kan.	16.00
15. J. B. Burgette, Augusta, Kan.	21.00
16. L. L. Morgan, Heizer, Kan.	45.00
17. G. Porter, Wichita, Kan.	26.00
18. W. L. Critzer, Oatville, Kan.	26.00
19. L. L. Morgan	27.00
21. J. B. Burgette	25.00

SUMMARY.

18 head\$335.00; average....\$21.40

SHORT-HORNS.

List of animals that sold for more than \$40:	
Lot.	Price.
1. Wm. Shields, Derby, Kan.	\$40.00
2. Same	57.50
3. B. Cook, Derby, Kan.	30.00
4. John Ingel, Derby, Kan.	40.00
5. Ray Yard, Winfield, Kan.	40.00
6. O. J. Hull, Rose Hill, Kan.	37.50
7. W. A. Newkirk, Kiowa, Kan.	75.00
8. John D. Snyder, Winfield, Kan.	52.50
9. Same	72.50
10. H. M. Hill, Lafontaine, Kan.	57.50
11. E. A. Goodwin, Derby, Kan.	82.50
12. B. Cook	50.00
13. John Ingel	40.00
14. B. Cook	57.50
21. W. M. Paul, Wichita, Kan.	47.50
24. H. M. Hill	57.50
25. Same	55.00

26. W. M. Paul	67.50
27. W. A. Newkirk	90.00
28. H. M. Hill	65.00
29. Same	65.00
30. B. Cook	57.50
31. Neuser Bros., Anson, Kan.	95.00
32. John Ingel	35.00

SUMMARY.

28 head\$1,490.00; average....\$53.20

The Audubon Short-horn Sale.

One of the very best attended sales of the season was held at Audubon, Iowa, on December 20th. It was not one of those buying crowds, but everything was sold at an average of \$75.37. Mayflower of Pine Grove, a five-year-old cow topped the sale at \$250 and was purchased on order by Messrs. A. J. & M. L. Andrews, of Melbourne, Iowa. Ben Hur, a yearling Scotch bull, sold for \$200 and was purchased by Mr. Thos. Green, of Lorah, Iowa. Those selling for \$100 and above are as follows:

COWS.

Mayflower of Pine Grove, five years, A. J. & M. L. Andrews, Melbourne, Iowa....\$250
Scottish Queen, three years, W. H. McLaughlin, Shelby, Iowa 105

BULLS.

Improver 192364, four years, Geo. Larson, Harlan, Iowa..... 105
Rockford Boy 265449, two years, Chris A. Jorgensen, Audubon, Iowa..... 130
Craibstone Chief 255554, one year, Jerry N. Jorgensen, Audubon, Iowa..... 105
Roan Victor 2d 265482, Sims & Son, Portsmouth, Iowa 105
Iowa Chief 251909, one year, E. W. Stetzel, Audubon, Iowa 155
Ben Hur 247712, one year, Thos. Green, Lorah, Iowa 200

The Harrison Short-horn Sale.

A fair sized crowd of breeders and farmers gathered at the farm of Mr. George W. Harrison, of Washta, Iowa, on December 18th, the occasion being his second annual sale of Short-horn cattle. All of the females cataloged were sold except Victoria Crown, Mr. Harrison reserving the right to place a \$500 bid on her. Quite a few good breeders were on hand to buy her, and several were willing to pay at least \$400 for her, and it was possible that she might have gone beyond the \$500 mark. Mr. Harrison's offering was largely young heifers and he put in an excellent lot of these. They were picked up at good fair prices and about fifty head averaged nearly \$50. A couple of bulls were sold at about \$100 each. These cattle were all raised by Mr. Harrison, assisted by his two boys. The cattle were fitted by these two sons, and were brought into the ring in nice condition, and the boys are to be complimented on the way they handled the sale. A man like Mr. Harrison is to be congratulated on having two such assistants, and they will some day help materially in bringing the herd to a high state of perfection.

OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

FARM DAIRY COURSE.

Dairy practice every forenoon.
Buttermaking, five lectures.
Cheesemaking on Farm, two lectures.
Dairy Bacteriology and Care of Milk, two lectures.

Scoring Butter and Cheese, two lectures.

Feeding and Breeding, five lectures.

A one week's course in farm dairying will be given at the state college at Ames, commencing January 7, 1906. This course is intended for farmers and their wives, sons and daughters.

It will include a thorough study of the underlying principles of dairying, such as chemical and bacteriological changes that take place in milk and cream; the manufacture of the highest grade of butter and cheese on the farm; the operation of hand separators so as to procure the best possible results; the feeding and breeding of dairy cattle; the operation of Babcock test, and the testing of milk and cream; and the bottling and preparing of milk for city trade.

The forenoons of each day will be given over to practical demonstrations, and the afternoons to lectures. During the course practically all the leading makes of hand separators on the market will be seen in operation here, thus giving the students an opportunity of judging the merits of the different separators.

The above course will be of great benefit to any one connected with a dairy farm, and people taking this course will be in a position to judge intelligently the advisability of manufacturing their own dairy products or selling the cream.

A small fee of \$2 will be charged to cover the necessary expenses of this course.

Application should be made to G. L. McKay, Professor of Dairying, Ames, Iowa.

An Abortion Preventive.

To the Editor of the Homestead:

It was my privilege at one time to be acquainted with a notable breeder of Short-horn cattle and Poland China hogs. This man had almost a national

reputation as a lawyer, teacher and business man. While as a breeder of good stock he stamped his name upon the times in which he lived. This man's motto could be put in the following words: "In case of abortion or threatened abortion in a herd of cows, first be sure your cows are thriving."

I would like to emphasize the last part of the above sentence, namely, "first be sure that your cows are thriving." I was called upon at one time about the first of February to assist in treating a herd of eighty cows. Already eight calves had been lost. The first evening I was taken into the owner's private office and shown letter after letter from stockmen and specialists to whom he had appealed and extracts were read from all kinds of doctor books regarding the matter in hand, but in all this pile of literature there was nothing that appealed to me so much as the above clause in a letter from the gentlemen referred to.

I called attention to this item and said it sounded good to me, but the owner shut me right off by saying that the first two cows to abort had been dry all summer and hence were the fattest in the herd. We took three of the cows and a few heifers and put them in the horse barn and fed them exactly as the work horses were fed, giving them a liberal feed twice a day of oats and shelled corn. The balance of the herd were drenched with extract of black haw, but they went on aborting and dropped from three to five dead calves every week. Of the cows and heifers put in the stable and fed grain each one brought forth a lusty calf.

The owner then had business away from home, and told me that as I knew where the cribs, granaries and hay stacks were, to take the old cows and feed them as I liked. I started in and soon had the cows eating a few ears of yellow corn daily, broken of course into three or four pieces. The first week we had three or four dead calves, but at the end of the second week we had, I think, five live calves and two dead ones. During the balance of the season we lost perhaps two or three calves, and by the middle of May had some fifty head of good, strong, healthy calves. Furthermore, this herd continued afterwards to be regular breeders.

Now, when it is said that a cow must be kept thriving it is not meant that she must necessarily be kept fat. Some of the cows mentioned above were rolling fat, but they had been on good blue grass pasture and then turned onto corn stalks and hay and while they were still fat they were not "thriving," but, on the other hand, were losing flesh every day. The good old mother cow that had raised one or perhaps two fine calves and was as poor as Job's proverbial turkey when the calves were taken off, we find in the middle of winter not fat but she is gaining, or, in other words, is on the mend. Such a cow hardly ever goes wrong at calving time.

In all my observation and experience it has been an over-fat cow or an old cow past age or losing flesh or a herd taken from a good pasture and turned into green washy grass—I say that it has been my experience that animals treated in this way generally start the trouble. Of course when abortion once starts there is need then for rapid action, in the way of change of quarters, change of feed, injections, drenchings, disinfection and washing. I think that this doctrine holds good in the case of all animals, both as a preventive and a cure. If the animal is too fat regulate the matter before breeding, not afterwards. New Mexico Farmer.

THE CREAM SEPARATOR PROBLEM.

The last of one year and the beginning of another is always a kind of stock-taking season for farmers. At that time the work of another year is being mapped out and plans are generally made at such a time for the purchase of new machinery or new utensils of any kind. Men who keep as many as five or six or seven cows are obliged to consider the purchase of a separator, because on every hand they hear of those who are getting so much better returns than they are from a given number of cows. "Can I afford to buy one?" Nowadays it is, "Can I afford to be without one?" Indeed, there are few dairymen who can actually afford to be without a good separator, and if you will look at the advertisement of the Sharples Separator Company on this page we feel sure it will interest you. This company have been in business since separators were first introduced, and they have always made a specialty of constructing high-class machines. Their tubular bowl involves an idea in sep-

Saves Hours of Cleaning

Of course your wife would try to wash even the worst cream separator bowl properly twice every day. But why ask her to slave over a heavy, complicated "bucket bowl," like either



of the four on the left? Why not save her hours of cleaning every week by getting a Sharples Dairy Tubular Cream Separator with a simple, light, tubular bowl, easily cleaned in 3 minutes, like that on the right? It holds the world's record for clean skimming.

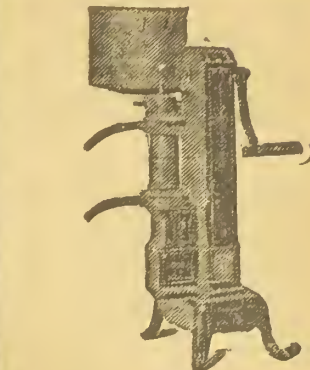
Sharples Tubular Cream Separators are different—very different—from all others. Every difference is to your advantage. Write for catalog M-121, and valuable free book "Business Dairying."

THE SHARPLES SEPARATOR CO.
West Chester, Pa.
Toronto, Can. Chicago, Ill.



\$80 to \$175 Per Month

For Firemen and Brakemen, experience unnecessary. Instructions by mail at your home. High wages guaranteed; rapid promotion. We assist you in securing a position soon as competent. Send today. Full particulars at once. Inclose stamp. National Railway Training School, Inc. 218 Boston Bldg., Minneapolis, Minn.



You Want All The Cream

Therefore You Want the

Iowa Dairy Separator

No other Separator made extracts every particle of cream. Some is always left, and this "some" is your loss.

The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time. A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write today and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

The Iowa Dairy Separator Co.,
Waterloo, Iowa.

When writing please mention this paper.

DE LAVAL CREAM SEPARATORS

Save \$10.. to \$15.- Per Cow
EVERY YEAR OF USE

Over All Gravity Setting Systems

And \$5.- Per Cow

Over All Imitating Separators

THE DE LAVAL SEPARATOR CO.
Randolph & Canal Sts. 74 Cortlandt Street
CHICAGO NEW YORK

BIG FARM PAPER
A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$20,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people. Its circulation reaching every state in the Union. Address with stamp Valley Farmer, 575 Jackson street, Topeka, Kan.

HIGHEST PRICES FOR FURS

—Write For Price List.—
MYERS-BOYD COMMISSION CO.,
St. Louis, - - - Missouri

FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,
Blandinsville, Illinois

THE DAIRY QUEEN

THE CREAM SEPARATOR THAT SUITS ALL.



The Dairy Queen is as near perfection as can be reached in cream separators. It fills every requirement, its low and large supply can, its simple and easy bowl to clean, its light running and close skimming is just what you have been wanting. It never gets out of order, it's always ready to skim, and leaves the cream in perfect condition.

You Can Try It Before You Buy.

The Dairy Queen is sold on guarantee and free trial. We have all confidence and know it is right or we could not offer them this way. We only want a chance to prove this to you, that the Dairy Queen is the most convenient, easiest to operate and most durable separator on the market. Ask your dealer about it or send for free catalog.

Address, E. R. Bailey, Clarinda, Iowa, or
DAIRY QUEEN MFG. CO., FLORA, IND.

Save 20% to 50% By buying a DAVIS Separator

It comes direct from the factory

Factory prices. No middlemen's profits. Investigate our fair selling plan.

It's the low-down separator (just belt high) that has a three-piece bowl that can never get out of balance. In all the separator world there is nothing to equal the Davis for convenience, for nice, close skimming, for easy running and easy cleaning. Don't buy without having our money-saving Catalog No. 118. It's free. Write for it to-day.

Davis Cream Separator Co., 54-L North Clinton Street, CHICAGO, ILLINOIS.

arator construction that approaches as near perfection as perfection itself. To those of our readers who are thinking of buying a separator in 1907 we would suggest that ap-



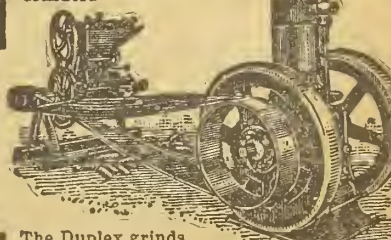
plication be made for Catalog M-121 to the Sharples Separator Company, Chicago, Ill. Mention The Homestead when you write and you will receive a prompt reply.

THREE THROUGH TOURIST CARS TO CALIFORNIA

The Chicago Great Western Railway offers choice of three through tourist sleeping cars to California each week via different routes. One car goes via Kansas City and Santa

THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.
DEPT. H, IOWA CITY, IOWA.

Fe route; one via Kansas City and Rock Island El Paso route and one via St. Joseph and Santa Fe. No other line offers such a choice of routes. For full information apply to E. J. Sawyer C. T. A. 514 Walnut St., Des Moines, Iowa.

IN AND AROUND WISCONSIN.

The state board of agriculture will hold a meeting in Madison on December 27 to consider plans for the state fair next year, and discuss means for securing an adequate appropriation from the legislature for the coming biennial period.

One hundred and twenty-six lives were lost in navigating the great lakes in the season just closing. Compared with the loss of 215 lives in 1905, the season's death list appears small, and yet, with only two exceptions, it was the largest in a decade.

Hunters returning from the north say that the woods near Thunder hill in Marinette county are filled with wild hogs. These wild hogs are the result of a hog ranch started near Thunder mountain. The first year that the owner established his ranch he got big results, but after letting his hogs run wild through the following winter, he was not able to catch them. The animals have multiplied until the woods are full of them.

Circular letters are being sent out by U. S. Baer, secretary of the Wisconsin Cheesemakers' association calling attention to the annual convention of the organization which will take place at the state capitol January 9th, 10th and 11th. The foreign cheese interests of the state will receive special attention and speakers of national reputation have been engaged for the various sessions. In connection with the convention an important exhibit of the various kinds of cheese made in this state will be held.

The dressing out figures on the carload lots of lambs at the International show have just been issued. The grand champion load were Southdowns averaging ninety-eight pounds each and dressing 55.39 per cent. This lot brought \$11.25 per hundred.

The state live stock sanitary board will soon issue a complete statement of its work. Since the board has been operating under the present law—since April 19, 1905—the state has paid \$35,000 for cattle slaughtered on its order, and received \$12,000 for cattle shipped and killed under its direction at certain abattoirs. The salary of the state veterinarian is \$2,250 and his expenses amount to about as much more. His assistants receive about \$2,500 a year, their pay being based on the number of days they devote to state work. The expenses of the sanitary board average \$500 a year.

A freak animal was recently killed on Sugar island, near Sault St. Marie, Mich. Its body resembles that of a deer, while its head is more like that of a wolf. The animal has been inhabiting that region for several years.

Every effort has been put forth by Wisconsin postoffice authorities to handle the holiday mail without delay. In Milwaukee thirty-five extra clerks will be on duty and ten express wagons will be going constantly.

Fort Atkinson, Wis., is becoming quite noted for its manufacturing enterprise. One implement firm has made and sold five thousand cutters and sleighs during the last few weeks. One dairy farm has doubled its volume of business in sausage and pork products this year and has been butchering about seventy hogs daily.

Workmen excavating for water mains in Beloit unearthed bones which Dean Collier, geologist of Beloit college, says are those of a mastodon of prehistoric times. The bones were probably washed to their present location during the glacial period, but not necessarily far, for it is known that mastodons once existed in this region.

At their last meeting the United States Food Standards commission recommended to Secretary Wilson that he advise food manufacturers and dealers not to use any preservatives other than salt, sugar, smoke, alcohol, spices, vinegar and saltpeper.

John Lister's Short-horn Sale.

On December 20th the Hon. John Lister, of Conrad, Iowa, held his annual sale of Short-horn cattle at Pleasant Ridge farm. A large congregation of breeders and farmers were in attendance, as is always the case

at Mr. Lister's sales. The high standing that Mr. Lister has among his fellow breeders and neighbors always brings forth a large attendance when he offers Short-horns at the auction block. As has been previously stated in the columns of The Homestead, this was the best lot of Short-horn cattle that Mr. Lister has ever offered the public, and it was to be expected that the sale would be a success and that satisfactory prices would be obtained. Aside from the mail bid of Mr. Frank Fentress, of Norfolk, Neb. (Formerly a prominent breeder of Poland China swine at Grinnell, Iowa,) the buying was confined entirely to Iowa. That wide-awake Short-horn breeder, Mr. H. D. Parsons, of Newton, Iowa, topped the sale by the purchase of the beautiful Scotch cow, Imp. Ruby of Ruddington, and heifer calf. Mr. N. W. Meyers, of Beaman, Iowa, the next station to Conrad, started in the Short-horn business and made several judicious purchases. He paid \$310 for the Cruickshank Flora cow and heifer calf by Fearless Victor. Mr. F. A. Edwards, of Webster City, Iowa, was one of the best bidders at the sale and paid \$300 for Pleasant Ridge Athene. He also secured the beautifully-bred Duchess of Gloster cow, Larchhill Countess of Gloster, and cow calf by Royal Banner. Mr. Edwards was forced to pay \$305 for this purchase. A rare bargain was secured by Mr. J. Y. Campbell, of Dunkerton, Iowa, in the Cruickshank Victoria bull, Double Victor. This bull went at a bargain counter price, namely, \$145. It is true this bull is eight years old, but it is also true that he is one of the best breeding bulls in central Iowa, and Mr. Campbell is to be congratulated. An old-time Homestead advertiser, Mr. Frank Fentress, of Norfolk, Neb., bought one of the top bulls at \$240, he being a son of Double Victor, while Mr. R. H. Hadley, of New Providence, Iowa, topped the bull offering on King Victor at \$265. The appended list of all animals selling at \$100 or more is gratifying, not only to Mr. Lister, but to the breeders of Short-horns generally. A number of animals sold below this figure and all are calculated in the averages given:

COWS.

Victoria 2d, four years, sire Collynie Victor, M. L. & A. J. Andrews, Melbourne, Iowa\$270
Orange Blossom of Forest Lawn, six years, sire Victor Prince of M. V., and b. c., Jesse Blinford, Albion, Iowa 190
Royal Dorothy, three years, sire Royal Baron, and c. c., M. W. Meyers, Beaman, Iowa 180
Orange Flora, five years, sire Orange Duke 3d, and c. c., same 310
Larch Hill Countess of Gloster, four years, sire Gloster Duke, and c. c., F. A. Edwards, Webster City, Iowa 305
Silver Queen 3d, two years, sire Hampton Marshall, N. A. Lind, Rolfe, Iowa 175
Royal Bud, two years, sire Royal Rosewood, and c. c., Geo. Hughes, Grundy Center, Iowa 160
Matchless, five years, sire Double Victor, and b. c., E. Mericle, Toledo, Iowa 220
Matchless Bell, one year, sire Double Victor, F. A. Edwards 115
Pleasant Ridge Gladness, one year, sire Double Victor, H. G. Bosh, Haverhill, Iowa 260
Pleasant Ridge Athene, two years, sire Double Victor, F. A. Edwards 300
Mina Victoria 2d, one year, sire Fearless Victor, J. L. Reece, New Providence, Iowa 135
Ruby of Ruddington, seven years, sire Lordby Archer, and c. c., H. D. Parsons, Newton, Iowa 325
Princess, six years, sire Varna of Wildwood, and b. c., Geo. Mitchell, New Providence, Iowa 150
Eva Garland, two years, sire Nokomis, and b. c., E. C. Allen, Conrad, Iowa 105
3d Strawberry of Beaver Creek, ten years, sire Kirklevington Duke of Hazelhurst 6th 105
Carnation, two years, sire Lord Hampton, and c. c., H. N. Wilhelm, Grundy Center, Iowa 135
Columbia Lady, four years, sire Golden Thistle 4th, and c. c., M. W. Meyers 140
Pleasant Ridge Matchless, one year, sire Fearless Victor, John Rasmess, Lake

OUR RED LETTER

Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date190..

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

Name

Postoffice

Rural Route /..... State

City, Iowa 175

Roan Rose 2d, five years, sire Giltspur Lad, and c. c., A. P. Mason, Union, Ia. 115

Dora Marr 3d, one year, sire Fearless Victor, J. L. Reece 125

BULLS.

Double Victor, eight years, sire Victor Lad, J. Y. Campbell, Dunkerton, Iowa... 145

Victor's Archer 269552, two years, sire Double Victor, Frank Fentress & Co., Norfolk, Neb. 240

Dora's Victor 269552, one year, sire Double Victor, H. J. Riddell, Albion, Iowa. 155

King Victor 269553, one year, sire Fearless Victor, R. H. Hadley, New Providence, Iowa 265

Pleasant Ridge Archer, one year, sire Ceremonious Archer, M. W. Meyers.... 125

Orange Nonpareil, one year, sire Imp. Nonpareil, J. B. Huisman, Wellsburg, Iowa 200

AN OPPORTUNITY FOR HOMESEEEKERS

To the man who is in search of a home, no better opportunity can be offered than the Low Homeseekers' Rates in effect, via the UNION PACIFIC

every first and third Tuesday of

December, 1906, to April, 1907, Inclusive.

Inquire of

J. W. Turtle, T.P.A.

313 West Fifth St.

Des Moines - - Iowa.

Champion Gloster, one year, sire Double Victor, W. H. Gange, Dysart, Iowa.... 125

SUMMARY.

31 females\$4,737.50; average....\$151.85

11 bulls 1,507.50; average.... 103.10

42 head 6,245.00; average.... 148.70

HOLIDAY RATES VIA M. & ST. L. R. R.

On December 20, 21, 22, 23, 24, 25, 30 and 31, 1906, and January 1, 1907, the Minneapolis & St. Louis R. R. will sell excursion tickets to all points in Iowa, Minnesota, Wisconsin, South Dakota, North Dakota and to many points in the South and West at one and one-third fare for the round trip. Final return limit Jan. 7, 1907. Purchase tickets at City Ticket Office, 512 Walnut St., or Union Station. D. B. Ransburg, City Pass. Agent.

NOTICE.

When you write your friends in North Dakota advise them about the low-rate tickets on sale now for home visitors to Iowa points—one and one-third for the round trip. Don't forget to tell them that the Chicago Great Western Railway is the only line which has three trains every day in the year between St. Paul and Minneapolis and Iowa points. Complete information from E. J. Sawyer, 514 Walnut St., Des Moines, Iowa.

Joll, the subject of the above illustration, is but a sample of the imported Percheron stallions offered by Mr. S. J. Miller, of Kirksville, Mo. Mr. Miller's barns are full of this kind and they are being offered at very reasonable figures. Mr. Miller has issued a neat forty-page catalog which gives the breeding of all the horses now in his barns. Write today for one, also ask for pictures of his horses. See page 26 for advertisement.

HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

Moving an Orchard.

To the Editor of The Homestead:

The following communication from one of your subscribers at Oxford Junction, Iowa, has been submitted to me for reply:

I have purchased a farm which has a new orchard set out about three years ago. The trees are from five and a half to six and a half feet high and are about three and four inches and some as much as six inches in circumference. I would like to transplant this orchard to the farm where I am now living. Could you give me any information in regard to transplanting young trees? Which would be advisable, to transplant now or early in the spring? I would appreciate any information on this subject you may see fit to give.

In regard to the above inquiry I would say that the smaller trees may safely be moved by the ordinary method of transplanting. I would advise doing the work as early in the spring as possible. The tops should be trimmed well, as the root system will necessarily be disturbed and the top must be lightened to maintain the balance between root and top.

In taking up the trees a strong spade is the only necessary tool. The digging should be in a circle about eighteen inches from the tree on all sides. The roots should be cut off at that distance and the tree removed to its new location.

In transplanting trees they should be kept wrapped in wet burlap in order

that there may be as little drying out as possible.

The larger trees present a somewhat more difficult problem. It is doubtful if they could be moved successfully by the above method. Some weeks ago a method for moving large trees was described in this paper. This would prove rather expensive if a large number of trees were to be moved, but for the largest trees described it is the only advisable method.

This method consists of removing the trees with the soil upon the roots. A trench is dug around each tree before the ground is frozen, leaving a sufficient block of earth to insure a good root system. This block should be broken loose by digging under it and then using a pry or crowbar. The tree is then left standing until the block of earth is frozen solid. It is then raised by means of a block and tackle and loaded on a stone float or truck and moved to the new location, where a hole has been prepared for it.

If the ground has frozen too hard to move trees by this method I would say, transplant the smaller trees next spring and let the larger trees stand until next winter. Franklin Brown.

Root Grafting the Apple.

To the Editor of The Homestead:

For making root grafts of the apple, good, straight roots the size of a lead pencil are selected. These may usually be obtained from nurserymen. With scions selected from the new wood of the desired variety these are kept in earth or sand in a cool cellar until January or February when the grafting is done.

The necessary apparatus consists of a sharp shoe knife which can be bought for twenty cents from any shoemaker, grafting wax and plenty of waxed string. The wax is made as follows: Resin, four parts; beeswax, two parts; beef tallow, one part; melt the resin first, add the beeswax and when it is melted, add the tallow. Mix well and pour into a pail of cold water. Pull until white, using tallow to prevent from sticking to the hands. The string is a loose cotton thread about half as heavy as ordinary cord. It is waxed by drawing through a pan of the above wax (melted) and then wound upon a reel. The reel may be made from a wire spool by nailing laths across the ends of the legs to increase the circumference.

The scions are cut in six-inch lengths and the roots in four-inch lengths. These are wrapped in damp cloths to prevent drying out, and the grafting begun. The ends which are to be joined are cut slanting and as nearly alike as possible. A tongue is then cut near the center of each cut surface and the scion and root fitted together with each tongue in the corresponding groove in the other piece. The success of the operation depends upon the inner bark of both pieces coming in contact on one side at least, for it is here that the union takes place.

The parts are then wrapped three or four times around with the waxed cord and the cut surfaces (including the tip of the scion, but not the end of the root) covered with wax. Next the graft is drawn through fine, clean sand which covers the wax so that the hands do not become sticky in the future handling.

The grafts are then packed tips upwards in a box of sand and kept in a cool cellar until spring, when they are planted in nursery rows.

Franklin Brown.

Putting Waste Land in Wood.

To the Editor of The Homestead:

I heard a farmer complaining the other day because he had several acres of waste land on his place which it was apparently impossible to utilize. A deep ravine runs through part of the farm. It has a crooked channel, but its general course is straight so that it does not impair the regular outlines of the fenced fields on either side. A narrow lane leads down one side of the ravine from the barnyard to the pasture gate. While this lane is of ample width to accommodate the cattle and horses of the farm as they pass to and from the pasture, no fence separates it from the ravine and they frequently climb up and down over its banks. As a result the grass long ago disappeared and nothing grows, but weeds which each year furnish seeds enough to stock the adjoining fields with pests for the succeeding year. Why not run another fence, separating the lane from the ravine and then plant the banks

Williams' Shaving Soap

It is easy to get 200 shaves from a 10c cake of Williams' Shaving Soap—1-20 of a cent per shave.

Isn't it worth that to always have your face smooth and comfortable?

If you want an easy shave and a healthy face—get Williams' Shaving Soap.

Send 2c. stamp for trial sample (enough for 50 shaves).

Williams' Barbers' Bar, Yankee, Mug, Quick & Easy Shaving Soaps and Williams' Shaving Sticks.—Sold everywhere. Address,

THE J. B. WILLIAMS COMPANY, Dept. A, Glastonbury, Conn.



LITTLE STAR Grain and Seed Cleaner

A money-maker for the farm. Increases yield of every acre 5 to 15 bushels. Pays for itself every year with every 20 acres tilled. Has 7 complete riddles, 4 double wire screens, 11 in. all, and does the grain and seed work for a 160 acre farm perfectly. Has double the screen surface of any machine of its kind. Separates, cleans and grades all kinds of seed, performs all three processes at once and will perfectly clean, separate and grade any four similar seeds at the same time no matter what proportion the mixture. The cheapest, most efficient grader made. Our "Corn Grader" screens No. 8 and 9 provide an absolutely even "drop" from the "Corn Planter," edge drop or otherwise. You are sure of the exact number of grains in a hill. Removes all weeds and noxious seeds including thistles. No shifting riddles nor change of adjustment. Does work of three machines, sells for the price of one. Price complete, freight paid, \$19.98. Order today. Every machine guaranteed. Hall Grain Grader Co., 224 Locust St., Winfield, Ia.



FOUR EVERGREENS FREE



We grow our Hardy "Blizzard Belt" Evergreens in ten million lots.

To prove they are healthy, well rooted and vigorous we offer to send Four Fine Sample Trees, 3 years old Free to a limited number of property owners. Mailing expense 5 cts which send or not as you please. A postal will bring them. Our Catalogue containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Evergreens, Ornamentals, etc., with a mine of valuable information for fruit growers, free for the asking. Write to-day.

THE GARDNER NURSERY COMPANY, Box 702, Osage, Iowa.

and bends of the latter with some quick growing varieties of timber, such as black locust, catalpa and cottonwood? If desired, other varieties, such as elm, burr oak and black walnut may be interspersed among the quicker growing varieties, to be left for more complete development after the latter have matured sufficiently to be cut. Such a wood lot, besides covering up an unsightly waste, would furnish a good windbreak or shelter belt, a retreat and nesting place for birds of the beneficial species, produce considerable fire-wood, poles and posts and add several hundred dollars to the selling value of the farm. Subscriber.

SAVED BABY LYON'S LIFE.

Awful Sight from That Dreadful Complaint, Infantile Eczema—Mother Praises Cuticura Remedies.

"Our baby had that dreadful complaint Infantile Eczema, which afflicted him for several months, commencing at the top of his head, and at last covering his whole body. His sufferings were untold and constant misery, in fact, there was nothing we would not have done to have given him relief. We finally procured a full set of Cuticura Remedies, and in about three or four days he began to show a brighter spirit and really laughed, for the first time in a year. In about ninety days he was fully recovered. Praise for the Cuticura Remedies has always been our greatest pleasure, and there is nothing too good that we could say in their favor, for they certainly saved our baby's life, as she was the most awful sight that I ever beheld, prior to the treatment of the Cuticura Remedies. Mrs. Maebelle Lyon, 1826 Appleton Ave., Parsons, Kan., July 18, 1905."

The chimney has as much to do with the light as the lamp has.

There is only one make of good lamp-chimneys; there are many poor ones. Macbeth is the good one, the only one advertised, the only one worth advertising.

HOMESEEKERS' RATES VIA CHICAGO GREAT WESTERN RAILWAY.

On the first and third Tuesdays of each month this winter the above railway will sell homeseekers' tickets to points in states of

Jewell Seeds and Trees

1200 acre nursery and seed farm, founded at Lake City in 1888 by Dr. P. A. Jewell. Send postal card for Free 132 page catalog of Seeds, Plants, Trees, Roses, Evergreens, etc. We grow only Hardy varieties suited to the North.

THE JEWELL NURSERIES, BOX 16, LAKE CITY, MINN.

CLOVER NEW CROP IOWA GROWN RECLEANED AND TESTED

Medium, Red Mammoth and Alsike Clover, also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large illustrated catalogs of all kinds of farm and garden seeds. Mention this paper.

IOWA SEED CO., - Des Moines, Iowa

WANTED--A BRIGHT MAN with high salesmanship in your own locality. Experience not necessary. Steady work and good pay guaranteed to right man. Reference required. For particulars address, Koch Vegetable Ten Co., Box X, Winona, Minnesota.

SALESMEN WANTED to introduce Burbank's wonderful stoneless plum, Miracle, and sell our well known Hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

CLOVER Send samples of Clover, Buckwheat and other field seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.

Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Idaho, Indian Territory, Iowa, Kansas, Kentucky, Louisiana, Mexico, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, Tennessee, Texas, Utah, Virginia, Wisconsin, Northern Michigan and Wyoming at rate of one fare plus two dollars for the round trip. To some points in the South and Southwest a flat rate of \$23 is made which is less than the regular one way rate. Tickets have limit to return of twenty-one days to some territory and thirty days to other and allow stopovers in homeseekers' territory. For full information address E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.



HARD WEAR

is what the SECURITY BOOT was made for. Try it.

DURABILITY

is what you are seeking. Get it by insisting on having the

SECURITY

LYCOMING DUCK BOOT.

It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

SNAG PROOF.

LYCOMING RUBBER BOOTS and SHOES are the best money can buy. QUALITY in every inch of them. If your dealer can't supply you, ask us how to get a pair of SECURITY BOOTS. HAMILTON BROWN SHOE CO. ST. LOUIS.



When writing, mention The Homestead.

Succeed with a Successful

Simple, self operating machines, sure of results. Take the least care and can be depended on for big hatches under all conditions.

INCUBATORS AND BROODERS

with records, not experiments. Many thousand long-time users, all satisfied. Send to

Des Moines Incubator Co.,
Dept. 60
Des Moines, Iowa.

Incubator and Poultry Catalog FREE. Booklet, "Proper Care and Feeding Small Chickens," 10c. 50c poultry paper one year, 10c.

Racine Incubator

The simple, sure, dependable kind. Used by thousands of successful poultrymen and women.

Our free Incubator Book tells about them—tells how to make poultry pay. 24 years experience. Don't buy until you read it. Write: Racine Hatcher Co., Box 135, Racine, Wis.

We pay the freight

FOR SALE: Live deer, all ages, California quail, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock.

Deer Lake Park, Severy, Kan.

Hatch Chickens by Steam with the EXCELSIOR INCUBATOR OR WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatching made.

GEO. H. STAHL, Quincy, Ill.

Send for free Catalogue.

POULTRY.

B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address: J. B. McAllister, Palo, Iowa

WHITE HOLLAND TURKEYS.

10 FINE two-year-old toms, \$5.00 each. No "White Wyandotte stock for sale.

FOREST HOME POULTRY FARM,
Audubon, Iowa

30 CHOICE**Single Comb White Leghorn Cockerels**

All good ones and from the very best of stock.
Address, JNO. C. MILLER, Harlan, Iowa

White Holland Turkeys

A LSO breeder of Duroc Jersey swine. The home of Ben Davis. Bred sow sale, Feb. 23, 1907.

J. S. TEALE, R. R. NO. 4, LAMONI, IA.

75 BARRED P. ROCK COCKERELS.

LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellabarger & Todd, \$2.50 to \$5.00 each.

W. R. WARWICK, Montezuma, Iowa

RHODE ISLAND REDS.

Also High Scoring S. C. B. Leghorns.

Write for prices.

P. H. THIEL, Renwick, Humboldt Co., Iowa

MAMMOTH BRONZE TURKEYS.

MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.

SILVER LACED WYANDOTTES.

NICE LOT of young cockerels for sale at \$1.00 each, from good laying flock.

Wayside Farm, Mt. Vernon, Iowa

ROSE COMB BROWN LEGHORNS.

Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

SO WHITE HOLLAND TURKEYS.

CHOICE, large-boned stock. Toms, \$5.00, hens \$3.00, \$10.00 per mated trios. Mrs. T. H. Schuknecht, Tripoli, Iowa.

OTTUMWA Poultry Yards.

Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

FOR SALE—Extra choice Single Comb Brown

Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

UPLAND Poultry Farm stock for sale from J. A.

Brahmas, S. L. Wyandottes, R. C. B. Leghorns, Pure bred, well-marked birds. Albert Haus, Waconda, Ia.

MAMMOTH W. Holland turkeys, Imperial Chick-

ducks and pure bred White Wyandotte cockerels, Hallock strain, Mrs. C. F. McLochin, Gray, Ia.

MAPLE Grove Poultry Farm.

Pure bred B. and W. Langhams, L. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, R. 6, Audubon, Ia.

S. C. B. LEGHORN cockerels and pullets for

sale at reasonable prices; also M. B. turkeys and B. P. Rocks. J. P. Eckliden, Lawler, Ia.

WHITE Wyandottes, both sexes. Scored and un-

scored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

WHITE Plymouth flocks, White Holland turkeys

and Pekin ducks. Special low prices for the first days. S. M. Couston, R. 3, Newton, Iowa

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

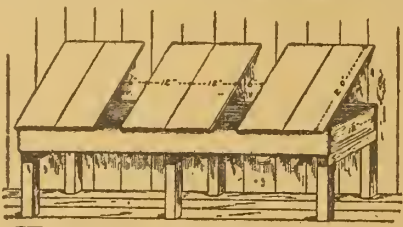
SOME SUGGESTIONS ABOUT BUILDING.

Prof. W. R. Graham, of the Ontario Agricultural College, who has been at the head of the poultry experiments for a number of years lays down some very pertinent points in building poultry houses and in the inside arrangement. It is his opinion that every hen should have at least six square feet of floor space and that each bird of the Plymouth Rock, Wyandotte and such breeds, requires about nine inches of perch room; Leghorns, etc., about eight inches; Brahmas, ten inches. Roosts should be made low and near the ground. The reasons are that heavier breeds cannot fly up on high roosts and lighter breeds frequently injure the soles of their feet in jumping from high perches. When dropping boards are used they should be moderately low down to admit of cleaning. They should be made of matched lumber and should be twenty inches wide for one roost and three feet for two perches, the first being placed eight or ten inches from the wall. Most poultrymen like perches two inches square with the corners slightly rounded.

Nests are usually made from ten to twelve inches square. Ground floors are more in favor than board floors and cost less. Houses with a straw loft are cool in summer and dry in winter.

ONE PLAN FOR NESTS.

A poultryman in an exchange writes that he had a good deal of difficulty with his hens roosting on the nest boxes and he set to work to invent some sort of an arrangement that would prevent this habit and he finally hit upon the plan as shown in the illustration. In the large nest box it will be seen that there are no divisions, just a number of nests and the hens find their own nests. Over the nest trough are a number of boards set on an incline. The boards are held in place by a cleat on the under side at the bottom, which rests on the edge of the nest box and when hunting eggs they can be lifted out of the way. This correspondent writes that he has nests for five hundred hens on his place fixed in this manner and



that he would not change it for any other plan of which he has knowledge.

A SURE CURE FOR ROUP.

Roup in poultry corresponds to diphtheria in human beings. It is fully as contagious and fatal. The fowl that stands about listlessly, droops its head which becomes swelled and sore, finally blinding the sight, can be suspected of having roup. Treatment is difficult and for the ordinary bird at this stage there is hardly use of trying a cure.

It is generally considered that the hen that survives an attack is not worth much afterward. The owner of the flock is generally responsible for the disease making an appearance. It is caused by drafty and damp quarters. When a fowl shows symptoms of having taken cold, the best thing to do is to squirt kerosene into the nostrils. If the cold does not abate and roup symptoms follow, then the best cure is the hatchet. Bury or burn the bodies at once, as the healthy fowls will very easily become infected by the microscopic roup germs.

Watch the poultry now for the old sick members. Do not allow an epidemic to start and take half the season's raising. Allow the flock respectably, decent care, and sunny quarters free from drafts and foulness and much trouble may be avoided.

A Convenient Drinking Fountain.

To the Editor of The Homestead:
It is always more or less trouble to

HATCH ALL Incubators Will Hatch Your Eggs

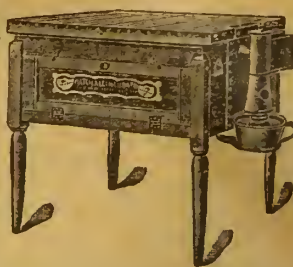
It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., BOX 8, HEBRON, NEB.



get a satisfactory poultry drinking fountain in the winter, especially when the poultry quarters are so cold as to freeze water. I have succeeded in solving that problem to my own satisfaction. I cut a pumpkin in two and place it in the chicken house. The poultry soon eat the inside out of it and there is left the rind, and this I use for a drinking vessel. When the water freezes it can be thrown out and a new one put in its place.

A. E. W.

A good many things are happening at the poultry school at Cornell University. With them no theory, however generally accepted, goes, until it has been proven by thorough, actual experiment. They are now giving especial attention to the molting problem. They have flocks of White Leghorns colored every hue of the rainbow and combinations of those hues, (done by means of aniline dyes) till the experiment yards are a gleam of gorgeous color. A young lady in charge is watching these vari-colored hens, noting in each case when, how, and now long it molts, also the subsequent condition. They are seeking to learn how quickly a hen may be forced to molt, and how this forcing effects health, egg production, egg fertility, etc. Before they are through, they will be able to speak with authority on this important and much mooted subject.

A late unique enterprise was "A Poultry Show on Wheels," inaugurated by the Missouri Pacific and Iron Mountain R. R. It was called by the railroad people "The Poultry Industrial," and was a big proposition. One car contained an exhibit of the best breeds of poultry, the other poultry appliances. In fourteen days this train visited fourteen towns, and fifteen thousand people visited the exhibits. It is intended eventually to run these poultry specials over the entire Missouri Pacific system, some sixty-three hundred miles of road.

Truly, the reform "microbe" has found its way into poultry editorial sanctums. Its latest development is along the line of "fake" or "improved" pictures, as appearing in the poultry papers. It is a move in the right direction, since the "improvement" of photographs, allowing the illustration to pass as the actual representation of stock, was not exactly honest, ethically considered. Two of the leading poultry journals, notably one famed for the beauty and fine quality of its illustrations, have taken the lead in this matter. It is one of the many signs of the times.

POINTERS.

—White Holland turkeys are offered for sale by Mr. J. S. Teal, of Lamoni, Iowa.

—Fifty Buff turkeys, both sexes, are offered for sale by Mr. Lloyd Peterson, of Corning, Iowa.

—Rose Comb White Leghorns are offered for sale by Mr. M. T. McEvoy, of Emmetsburg, Iowa.

—Mrs. T. W. Glass, Rural Route No. 4, Sac City, Iowa, is offering Muscovy ducks for sale in her advertisement that appears on page 15 of The Homestead.

—Messrs. Barker Bros., of Indianapolis, Iowa, are offering White and Brown Leghorn cockerels for sale in their advertisement that appears on page 15 of The Homestead.

—Mrs. Geo. Manning, of Birmingham, Iowa, has Single Comb Brown Leghorn pullets, scored and unscored, for sale as per her advertisement which appears on page 15 of The Homestead. She also has cockerels for sale.

—Mr. B. F. Clark, of Albia, Iowa, has some choice White Holland turkey toms weighing from twenty to twenty-five pounds which he is offering for sale in his advertisement on page 15 of The Homestead. Write him for descriptions and prices.

—Mrs. G. W. Shaw, of Monroe, Iowa, whose advertisement appears on page 15 of The Homestead, writing in regard to her White Holland turkeys, says: "I have an extra fine flock of young birds. I won two firsts and two seconds at the Jasper County Fair this year, and at the late Central Poultry and Pet Stock Show at Monroe, Iowa, I

INCUBATORS 40 DAYS FREE TRIAL

The Great Western Incubator has the best hatching record. It is the easiest to operate. It is the lowest priced Good hot water incubator made.

GUARANTEED FOR 10 YEARS

Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not all we claim return it at our expense. Write for complete FREE catalog of Great Western incubators and brooders.

GREAT WESTERN INCUBATOR CO.
914 Liberty St., Kansas City, Mo.

POULTRY.

REMOVAL SALE.

OF thoroughbred Fitch White Rock chickens. My fine flock of two hundred birds must all go at once, as I leave for Washington soon after January first. Also incubators, brooders and colony houses. Write for prices.

H. W. SEITZ, Allison, Iowa.

Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90% to 95% at \$2.00 and up. I guarantee the quality of my birds, so you take no chance in purchasing from me. Unscored cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, Iowa

BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains. Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fitch White Rocks. We have them and are going to sell them at bargains. Please notice change in address.

C. C. Drake & Son, LaHarpe, Ill.

B. P. ROCKS EXCLUSIVELY

MY young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are like everything else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence.

G. W. STOUT, Rose Hill, Iowa

FOR SALE: PURE Bradley Bros. B. P. Rocks,

also pure Fitch White Rocks and others from utility stock to show first pairs or breeding pens. Several line S. C. W. Leghorn cockerels, Mammoth Bronze turkey toms and Toulouse geese of superior quality, priced to sell.

C. H. DRAKE, Stockport, Iowa

400 Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 11 to 33 points, 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 95% at Newton and Monroe Poultry shows, 1906. Won 5 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

DOGS.

I Have Some Extra Fine Fox Terriers

NICELY broken, also young stock, both sexes, all guaranteed to make extra good rat dogs. Also our broken Collie bitch for \$15, or will exchange for S. C. White Leghorn hens or pullets.

C. H. DRAKE, Stockport, Iowa

CHOICE Scotch Collie pups, three months old, sable and white, natural drivers, sire and dam registered, price \$5. At and Hope III 100416, son of the world famous champion Wellbourne Hope, fee \$5. Embden ganders \$2; scored White Holland tom \$4. Rose Comb Brown Leghorn cockerels \$1 each, 6 for \$4.50, 12 for \$8. D. W. Nickerson, Marble Rock, Ia.

THOROUGHbred fox, wolf andcoon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

won five firsts. My motto is deal with others as you would have them deal with you."

—Mrs. Nettie Crane, of Blencoe, Iowa, writes: "Through the good services of The Homestead advertising columns I have already disposed of all my stock of Orpingtons." This will save prospective buyers the trouble of corresponding.

—Mrs. Will Michael, of Selma, Iowa, is offering Single Comb Brown Leghorn cockerels for sale in her advertisement on page 15. She says: "The stock I am now offering are large, well marked, with nice combs, good hackles, hack and saddle. I use only high-scoring males and females. I won every premium in the Single Comb class at

the Eldon Big Four Fair in September. I guarantee them as represented."

—Mrs. Cora E. Berger, of Harlan, Iowa, in furnishing copy for her advertisement on this page, writes: "I have about 100 cockerels of the breeds that I am offering for sale in my advertisement on this page that will be sold at reasonable prices. They are nice, large-bodied birds."

—Mrs. Floy E. Collins, of Viola, Iowa, in furnishing copy for her advertisement of Partridge Cochins and White Holland turkeys, found on this page of The Homestead, writes: "These birds are first class. I can please either fanciers or farmers in Cochins, but make a specialty of fancy turkeys."

—Mr. Oren J. Spalti, of Pleasantville, Iowa, has been a breeder of Light Brahma chickens for the past ten years. He writes as follows in regard to the stock he is advertising: "I have a fine lot of cockerels and pullets for sale. I will offer pullets at \$10 per dozen and cockerels from \$1.50 to \$5." See his advertisement which appears on this page.

—The advertisement of Mrs. H. L. Jones, of Montezuma, Iowa, appears on this page of The Homestead. In furnishing copy Mrs. Jones writes: "I have a fine lot of cockerels, hens and pullets from prize winners, the best I have ever raised. At the Montezuma poultry show, November 4th to 7th, I took two firsts, two seconds, fourth and fifth, and two specials. I have some extra good ones for sale, also Pekin ducks at \$1 if taken soon."

—On this page of The Homestead will be found the advertisement of Mrs. Edith Eygabroad, of Grundy Center, Iowa, offering choice Silver Laced Wyandotte cockerels, White Wyandottes, Light Brahmas and Mammoth Pekin ducks of both sexes for sale. In furnishing copy Mrs. Eygabroad says: "I have a fine lot of Silver Laced Wyandotte cockerels for sale, also a choice lot of White Wyandotte cockerels, pullets and hens and a few choice Brahma cockerels and pullets. I also have some extra choice Pekin ducks and drakes for sale at reasonable prices. I have used The Homestead for the past seven years and find it the best paper in which to advertise my poultry."

Echoes From a Kansas Farm

By Henry Hatch

No man begins the new year right who keeps his stock in a state of semi-starvation.

This is the time when felt shoes and boots come into good use. The latest and best thing, at a reasonable price, are high top shoes, lined with sheep's wool.

Down here in Kansas our corn is always fully matured, or is nineteen years out of twenty. Farther north it is a good plan to go slow on shelling corn, to store, that is a little soft. It may be frozen when shelled, and apparently dry when it is not.

A number are talking of thrashing their shocked corn, providing they can get a thrasher in to do the work. The man who has done our thrashing for the last few years says it is not hard on the separator to thrash corn, and it takes no more power than small grain in ordinary condition for thrashing, but he dislikes the work in winter. A person cannot tell one day whether he will be able to do any more work in the next two weeks, on account of the weather.

Everything in this world is evened up pretty well. Land prices are higher here than they have been in the history of the state, yet about the same amount of work and management will bring as many acres as it would fifteen years ago. The pessimist predicts that land will soon sell cheaper—"when hard times come"—but even if it should, being caused by "hard times," wouldn't it be as hard to pay for a farm then as now?

Ten years ago a renter was able to buy the eighty-acre farm he was then living on for the ridiculously low price of \$900. He wouldn't do it. Four or five years later the farm brought \$1,600. Last week a gentleman bought it for \$2,600, and he got as good a bargain as any we know of, too. The man who refused to buy at \$900 is still a renter. There is a moral in this for any renter who is putting off the day of buying a home, waiting for something to happen, he knows not what.

For fourteen years we lived in a sandy portion of northern Nebraska. At that time we all confidently congratulated ourselves on the fact that hog cholera never would gain much headway on that kind of soil. All the time we lived there we never lost a hog with cholera. This year reports from there indicate the loss of a large per cent of the crop raised, with the disease still unchecked. It seems, after all, that hog cholera is no respecter of soil or climate. No one had better brag on his herd having

been free from the disease, or the first thing he knows he will lose about nine-tenths of them.

It is a hard matter, hereabouts, to get a crowd out to a farmers' institute meeting. It has been tried in this county two or three times this fall. Sometimes only three or four real farmers attended, the rest being street loafers and the kids from around the town where the meeting was being held. All these came out of curiosity.

On the same line of reasoning as with cholera, no one, who pastures his cattle in stalk fields, should have much to say about not losing cattle with the corn stalk disease. For years one of our neighbors contended that it was absolutely safe to pasture cattle in stalks, if proper care was taken. Last fall, with all his care and precaution, he lost two head. They died, too, after they had been having the run of the same field of stalks for several weeks.

Stock cattle—that is, ordinary cows and heifers and growing steers—will quickly eat their heads off, if fed all they will eat of present-price hay. Our feed rack (thirty-six feet long) is filled with hay or straw every few days, and it quickly goes. Were it not for the cheaply-grown fodder, such as cane, kafir corn and corn, they would eat up their value before grass grows again. The man who claims it pays to feed all stock all they will eat is sure to find himself only keeping even with the business, unless he feeds something poor in quality, therefore cheap in price.

The tendency of the times is running more and more towards cutting out a part of the middlemen. Formerly, all land selling was done through real estate agents. The bulk of it is handled that way yet, but some is not. The habit of a great many buyers is to go direct to a neighborhood, many times to friends and relatives, and deal direct with the owners. It is true, too, that many farmers ask more for their farms, when talking direct to a prospective buyer than they will allow an agent to sell for. There are farmers and farmers, buyers and buyers and agents and agents.

Jas. Burk's Short-horn Sale.

The dispersion sale, as previously announced, of the Fremont Stock Farm Short-horns, owned by Mr. Jas. Burk, Sr., at Mechanicsville, Iowa, was held on December 20th, during the snow storm. A very large gathering congregated to pay respect to Mr. Burk's last sale of the reds, whites and roans. Owing to very advanced age he is retiring from business and leaving the farm, so that he and his aged companion may spend the afternoon of life with more ease in the little town of Mechanicsville. At no sale during our experience covering twenty years, have we seen better arrangement for the proper handling and selling of cattle, as well as for the comfort and convenience of the guests, than was provided at this sale. Some forty years ago Mr. Jas. Burk landed from Ireland in Cedar county, with not a dollar in his pocket, and by hard, honest effort, coupled with thrift and assisted by a faithful companion, achieved success. Mr. Burk retires leaving one of the best and largest farms in Cedar county, highly improved, and owns a splendid residence in Mechanicsville, as well as having a very comfortable bank account. Not being unmindful of his success as an adopted son of the United States, he had reared on the center pole of the tent Old Glory and the flag of our union on either side of the auctioneer's stand. Such loyalty to this country manifested by an adopted son inspired Col. Griff Johnson, the auctioneer, to make the speech of his life, paying high tribute to Mr. Burk and to his efforts in the cattle breeding business. There were no Scotch cattle in the offering, not even the herd bulls were Scotch, both being Scotch-topped Young Marys, but individually were splendid specimens of the breed. Individual merit has been the watchword with Mr. Burk during his entire career as a Short-horn breeder, and the dispersion of Fremont Stock Farm cattle displayed a rare business lot, such as seldom go through a sale ring. Quite a number of calves were separated from their dams at an age when they are usually sold with their mothers. These separations are calculated in the averages given, which materially reduces them. Like all dispersion sales, there was a number of older cattle that had seen the best of their lives, which was another factor that kept prices down. The fact that there was no Scotch blood was doubtless responsible for there not being any breeders present from a distance of more than twenty-five miles away. Col. O. S. Johnson and Wm. Brock both did excellent work in the ring, securing and passing bids up to Col. Griff Johnson. The sale was conducted in a straightforward and frank manner, which inspired confidence in the minds of the buyers that the same straightforward, honest methods were being pursued in Mr. Burk's last sale that he has practiced during his forty years' stay in this community. Some of the young and thinner cattle sold as low as \$37.50 each, yet all are calculated in the averages given below. Only ten head sold at \$100 or over. A list of these sales bringing this amount, with buyers' names attached, will be found as follows:

COWS.

Rena Croft, three years, sire Baron Taylor, and b. c., W. A. Jackson,

34 females \$4,417.50; average..... \$71.10
9 bulls 697.50; average..... 77.50
43 head 3,115; average..... 72.45

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First-class daily through service from Des Moines to Council Bluffs, Omaha, the Black Hills, Wyoming, Colorado, Utah and the Pacific Coast on the west; to Sioux City, Mankato, St. Paul, Minneapolis, Superior and Duluth and all points in North and South Dakota, Minnesota, Northern Wisconsin and Michigan on the north, and to Chicago, Milwaukee, Peoria and the east, over

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General Agent, C. & N.-W. Ry.,
401 Walnut St., DES MOINES, IOWA.



POULTRY.

FANCY White Holland Turkeys, best thorough bred stock at \$3.50 for gobblers and \$2.50 for hens. Mrs. C. E. Conger, Bristow, Iowa.

BUFF ORPINGTONS and Buff Rock cockerels Large, even colored birds, \$1.00 to \$1.50 this month. Mrs. G. R. Fuller, Rolfe, Iowa.

S. C. BROWN LEGHORN, S. C. White Leghorn, Large, even Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

BUFF Rock Cockerels for sale. A few fine ones at \$1.50 to \$5.00 each. Buff to skin. Mrs. J. J. Rink & Son, Shelby, Iowa.

LEGHORNS Both white and brown. Cockerels, \$1.00 each, six for \$5.00. Address, Barker Bros., Indianapolis, Iowa.

LIGHT BRAHMAS bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spalti, Box 7, Pleasantville, Iowa.

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

PULLETS, Single Comb Brown Leghorn, scored and unscored, also cockerels. Mrs. Geo. Manning, Birmingham, Iowa.

FINE Partridge Cochins; also trio White Holland turkeys, "good enough for show room," \$20. Floy Collins, Viola, Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

75 SINGLE COMB Brown Leghorn cockerels, early hatch, 75c and \$1.00 each. Mrs. Will Michael, Selma, Iowa.

FINE, LARGE MAMMOTH BRONZE TURKEYS and Rouen Ducks. J. H. Howarth, Moulton, Iowa.

Mechanicsville, Iowa \$120.00
Fancy Mary, four years, sire Baron Yeat 3d, and b. c., Lew Cousins, Stanwood, Iowa 100.00
Marguerite 2d, two years, sire Money Musk, S. Breicher, Stanwood, Iowa 150.00
Leaf Glen, nine years, sire Belle Duke, and c. c., F. Moneyhan, Tipton, Iowa 125.00
Belle Chief, four years, sire Baron Yeat 3d, and b. c., M. F. Bunker, Tipton, Iowa 115.00
Cora of Hillside, three years, sire Baron Taylor, and c. c., C. J. Marfield, Martelle, Iowa 102.50
Waveland Primula 3d, six years, sire Home Victor, and c. c., Thos. Kane, Clarence, Iowa 170.00

BULLS.

Derby 267748, one year, sire Baron Taylor, John Jackson, Mechanicsville, Iowa 110.00
Baron Taylor 172837, six years, sire Legal Tender, Brennan Bros., Tipton, Iowa 105.00
Diamond King 234716, three years, sire Lavender Lad, H. H. Glackin, Moreley, Iowa 125.00

SUMMARY.

34 females \$4,417.50; average..... \$71.10
9 bulls 697.50; average..... 77.50
43 head 3,115; average..... 72.45

POULTRY.

BIG MONEY IN POULTRY.

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Choice, Young Pure White Holland Toms

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Mammoth White Holland Turkeys

30 YOUNG birds from a 34-lb. tom, first prize-winner. \$3.50 for toms, \$3.00 for hens.

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WHITE ROCKS—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. Bulus H. Flanagan, Pleasantville, Iowa.

SINGLE Comb Brown Leghorn cockerels, hens and pullets and Pekin ducks for sale. Won two 1st, two 2d, 4th and 5th, and 2 specials, at \$1.00 each. Address, Mrs. H. L. Jones, Montezuma, Iowa.

BARRED ROCKS. BIG boned, husky cockerels at \$2.50; hens and pullets at \$1 each. Geo. H. Ilten, Gilt Edge Rock Farm, Cedar Rapids, Iowa.

MAMMOTH White Holland Turkeys. Imperial Pekin Ducks and Barred Plymouth Rocks from prize-winners of extra heavy weight and high scoring. Fred Post, Moulton, Iowa.

RHODE-ISLAND Red, rose comb, cockerels for sale. Strictly choice stock from prize winners. Iowa Poultry Yards, Gilmore City, Iowa.

MAMMOTH Bronze turkeys, descendants of a 52 lb. tom. White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

ROSE COMB WHITE LEGHORNS. Write for prices. M. T. McEvoy, Emmetsburg, Iowa

Muscovy Ducks For Sale, \$3.00 a Pair. Mrs. T. W. Glass, Route 4, Snc City, Ia.

CHOICES L. Wyandotte cks, W. Wyandotte, Lt. Brahmas, Mammoth Pekin ducks, both sexes for sale. Mrs. Edith Eygabroad, Rt. 1, Grundy Center, Ia.

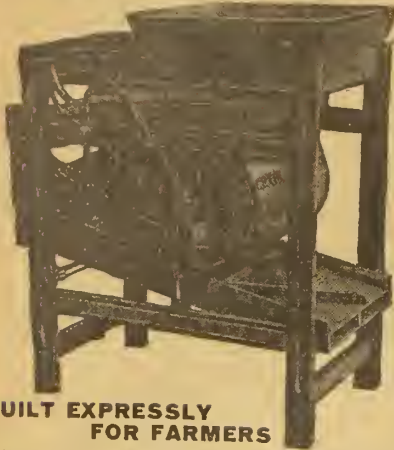
WHITE P. Rocks, B. Langshans, S. L. Wyandotte cks, scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

50 BUFF TURKEYS, both sexes, also some good W. P. Rock cockerels. Prices reasonable. Lloyd Peterson, Corning, Iowa, Route 3, Box 21.

LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

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In short, it will do any work required of a fanning mill and grade seed grains besides.

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COILED SPRING FENCE

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed.

30 DAYS FREE TRIAL
and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its full list of fence facts. You should have this information. Write for it today. Its Free.

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**A TEAM OF HORSES THE ONLY
HELP REQUIRED**

to bore wells with the

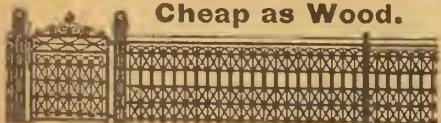
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Boring Machine.

You can run it alone, because the tools operate through center of platform, while the horse walks around it. Bore easily through frozen ground; 100 ft. in 10 hrs. Mounted on wheels, and easily moved from place to place. Write for Catalog.

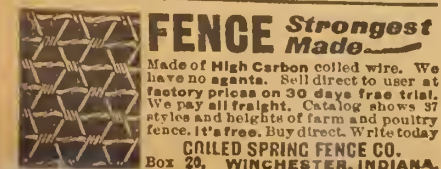
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We manufacture Lawn and Farm FENCE. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalog is Free. Write for it to-day.

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FENCE Strongest Made

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today.

**COILED SPRING FENCE CO.
Box 20, WINCHESTER, INDIANA.**

OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Drawer 1127, Kansas City, Mo.

WITH THE EDITOR.

Well, Christmas has come and gone again; turkey remains have been eaten cold and eaten hot, and Sunday will see the last of the plum pudding disappear; the children have devoured their sweets and broken half their toys; the young people are still merry-making back and forth, filling each others homes with laughter, but the older folk have settled back with a sigh that is half weariness and half content; although they were glad to see Christmas come they are not sorry the excitement of it all is over.

In some home there is still a flutter of expectation, although Christmas is past. These families are to exchange their gifts on New Year's Day. They have found that waiting a week at this particular season doubles the purchasing power of a dollar in many directions. Pretty things which were quite beyond them for Christmas present may become theirs by waiting, and so they wait. On Saturday and Monday they will study the advertisements and haunt the bargain counters. It is to be hoped they will not yield to the temptation to buy things, simply because they are marked down. A large amount of the goods offered for sale at Christmas is dear at any price, much of the bric-a-brac is showy, tawdry, and anything but beautiful, and many of the toys are so badly made that they are quite useless as playthings. This is the class of goods usually most reduced in price, but as there are some lines marked down where values are really genuine, discriminating shoppers frequently pick up rare bargains between Christmas and New Year, or directly after the 1st of January, when the inventory sales begin.

It is to be hoped that every home has been reached by at least one of the magazine publishers who are offering attractive clubbing rates for 1907. Every home is the better for at least two or three attractive magazines, in addition to the county paper and a farm journal, and when they may be secured at the figures offered this year it is surely false economy to limit the family's reading, as is sometimes done by well-to-do people. Not only is it well for individual families to avail themselves of these clubbing rates, but some arrangement might profitably be made whereby neighbors could subscribe for different sets of magazines and exchange in rotation, so that while each would eventually retain possession of the magazines subscribed for, each would have the reading of those subscribed for by the neighbors.

The close of the year should be a grand "clarin' up" time. Do you owe money; are you behind with your pew rent, or in debt to your grocer? Pay up and so do your share to help the world start the new year with a clean ledger. Have you borrowed tools or books or patterns about the place? Send them home and make a vow to borrow less in future. Are you on bad terms with some member of your family or someone in the neighborhood? Go and say you are sorry for your share of the misunderstanding. It takes two to make a quarrel, so you are at least partly responsible, and while it may be hard to offer to shake hands, hard to try to make friends, it is the right thing to do and you will feel better for doing the right thing. If it is a pity to let the sun go down upon one's wrath, it is a shame to carry ill will and an unforgiving spirit over the threshold of the new year.

We have had a good year in the Home Department, everything went well while I was abroad; the friends were most faithful and my substitute managed so beautifully that I have been accused of being a twin, or having a double, and since my return each week has seen an access of interest and an increase of power. In some homes there are factions and fusses, in others there is the monotony and the chill that marks the absence of life. We have escaped both Scylla and Charybdis, our atmosphere is not only warm with the breath of earnest living, but it is fragrant with peace and good will. We have a comfortable, attractive home. It is

Mayer Western Lady SHOES

are very stylish, serviceable and comfortable to wear.

They are dressy, fine looking shoes that can be depended upon for wear and for correct style.

You will get the most for your money by buying "Western Lady" shoes. Try them. Your dealer will supply you but insist on getting the "Western Lady" brand. Our trade-mark is stamped on every sole.

For extreme comfort try "Martha Washington" Comfort shoes. Sold everywhere.

**F. Mayer Boot & Shoe Co.,
Milwaukee, Wis.**

CASH PRIZES —FOR— WOMEN and GIRLS

MAY BE WON BY FORWARDING SUBSCRIPTIONS

TO THE BREEDER'S GAZETTE.

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SANDERS PUBLISHING CO., 358 Dearborn St., Chicago.

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bought for spot cash. 10 to 50% more money for you to ship Raw Furs and Hides to us than

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ANDERSCH BROS., Dept. 19 Minneapolis, Minn.

pardonable to be proud of it. But let us beware the pride which goeth before a fall. Good as 1906 has been, 1907 should be even better. As the old year departs, as the new year draws near, shall we not pledge ourselves to the pleasant endeavor of making it so?

HOME AND HOME MAKING.

LITTLE HELPS BY THE WAY.

Sometimes the storm is dark above,
Sometimes the rain is chilling;
And not a bird in all the tree
His merry note is trilling;
Yet in spite of dreary weather,
Sing my heart and I together;
"Clouds may hide the radiant skies,
Yes the sunshine never dies!"

—Emily Huntington Miller.

Serve God and be cheerful. The winter
Rolls round to the beautiful spring.
And o'er the grim grave of the snowdrift
The nest-building robins will sing.

—William Newell.

Do not be discouraged by your faults; hear with yourself in correcting them, as you would with your neighbor. Lay aside this ardor of mind which exhausts your body and leads you to commit errors. Speak, move and act as if you were in prayer. In truth, this is prayer.—Fenelon.

GOOD CHEER AT THE TABLE.

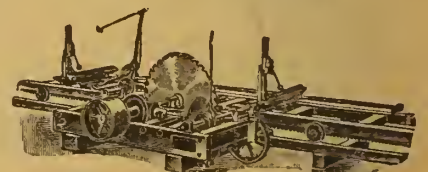
Among the forbidden speeches at table should be, "I don't like that," says Table Talk. "And if, from any personal idiosyncrasy, a child is really unable to eat a certain dish, in which others indulge with impunity, he may be trained to pass the fact by in silence and to feel that his peculiarity is a misfortune, not a virtue."

There is sound philosophy in the custom of civilization to make a meal of ceremony. For if the ceremonial aspect be observed properly—if it be forbidden to make the home meal the occasion for the home-grumbling—then amid talk and laughter will eating be slow, as it should be, and mastication thorough. So when at the family dinner table appear only pleasant faces; when conversation is bright and merry, and when from one to the other of the diners is a hearing as courteously as if each were "company," then does indeed "good digestion wait on appetite, and health on both."

BORROWING TROUBLE.

You do not know how happy you are in your everyday life until Trouble looms up

American Saw Mill Machinery.



**Traction and Stationary
Engines, Air Cooled
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ders, Hay Balers**

We Repair Machinery of all Kinds.

**CEDAR RAPIDS MACHINERY & SUPPLY CO.,
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Free -- YOUR FORTUNE -- Free

SEND two cent stamp with birth date and I will send your fortune, past, present and future. All matters of business, love, marriage and health plainly told. Prof. Earl Nugent, 1016 R. Walnut Street, Kansas City, Missouri.

LADIES to work on piecework \$5 per dozen. All materials furnished; no canvassing; steady work. Stamped envelope. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

in your path, makes a how and says: "I came to call on you." Annoyances are everywhere outside of paradise, and there is no earthly use to try to avoid them. You can do your best, be as cheerful as the law allows, but the visitation of this evil spirit is regular. The best thing to do is to meet him like a man, shake hands, and, as one man says, "make him think he is making the mistake of his life when calling on you." One man has written on the first page of his book, "The most trouble I ever had in my life was the trouble which never happened." How true those words are, for we are all prone to cross that "Bridge of Sighs" before we reach it. Strange to say, while we all have days when we are not the happiest,

when trifles and real troubles annoy us, we are never very liberal in excusing the same fault or weakness in others. We are inclined to think the second party cross and peevish, even unreasonable, while very often we are placing our own moody nature upon innocent shoulders, thinking the fault is not with self, but with the other.

THE BABY.

Speaking of the baby, someone wants to know why we do not let it eat meat. Meat is excellent food for young chickens, why not for young humans? In the first place, a child does not and cannot chew meat properly. The first teeth are not strong enough for such chewing. The meat is swallowed half chewed, and the little stomach is overworked. Again, meat makes the fretful child bad tempered. It is too stimulating. It makes the glands soft and spongy. We have made quite a study of this matter for the past eight years, and have had several children in the family that were troubled with throat diseases. We are well satisfied that the trouble with 90 per cent of the cross and fretful children with enlarged throats and almost constant colds or catarrh, lies in their diet. Meat is responsible for many ills of childhood. Our children shall not eat lean meat until their second teeth are well formed. Oat meal, or other whole crushed grain well cooked, with good milk and cream, fruit and vegetables—not too much potato—a little fish and good bread and butter, will make child-flesh that one may be proud of. It will not do to compare a chicken with a child, for the chicken can use stones to grind up its food.

GENEROSITY.

Rebecca, aged five, who claimed a handsome, heavily-bearded young man—a neighbor—for a sweetheart, was asked by a young lady if she would not give her a claim also on the young man.

"No," said Rebecca, positively, "I want him all to myself."

"But won't you give me a part of him—just a little bit?" pleaded the young lady.

"You see, I haven't any sweetheart."

"Well," answered Rebecca, deliberating, and somewhat softened by the appeal, "you may have his whiskers."

TO 1906.

Another year of setting suns,
Of stars by night revealed,
Of springing grass, of tender buds
By winter's snow revealed.
Another year of summer's glow,
Of autumn's gold and brown,
Of waving fields and ruddy fruit
The branches weighing down.

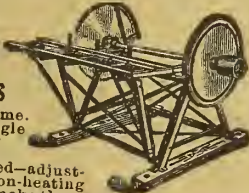
—John W. Chadwick.

CORNERED BEEF.

The following recipe has been used for fifteen or twenty years and the one who follows it will have the finest corned beef in the country. For 100 pounds of beef take four pounds salt and two ounces of saltpeter; dissolve in enough water to cover beef, which should be closely packed in a barrel. Keep under the brine in cool place. This makes it

You never saw a
saw which saws
like this saw saws

and last of all a time.
Frame of heavy angle
steel strongly
braced—absolutely
no shake. Patented—adjust-
able, dust-proof, non-heating
oil boxes, etc. We make these



Appleton Wood Saws

in 6 styles—strong, simple, safe and successful—and we make a 4-wheel mounting for wood saws and gasoline engines which is unequalled for convenience and durability. Saw your own wood and save time, coal and money—then saw your neighbors' wood and make \$5 to \$15 A DAY. We make the celebrated

HERO FRICTION FEED DRAG SAW
nothing like it—no other so good. Also feed
grinders, shellers, fodder cutters, hunkers,
manure spreaders, farm trucks, windmills,
etc., all guaranteed full Appleton Quality.
Catalog free for the asking. Ask for it now.

APPLETON MANUFACTURING CO.
39 Fargo Street Batavia, Ill., U. S. A.

The "DEAN" Ear Corn Slicer

Any Farmer or Cattle
Raiser should appreciate
the advantage of slicing
or chopping ear corn
for stock. The
health of all ani-
mals requires it.
Feeders today know
that grain should be mixed with
"roughness." The cob is the best
mixture for calves and steers.
"The Dean" Slicer soon saves
the price in cob feed alone. Also
saves time. Chops ears in 1/2 to
2 1/2 inch slices and cuts from 30
to 40 bushels an hour. Calves thrive
on the small slicing. It's so easily
adjusted that even a boy can run it or
any power can be attached. Elevator
attachment to bin or wagon. Prices
and terms very reasonable. Write
today, for your stock's sake.

Enterprise Wind Mill Co., 24 Main St.,
Sandwich, Ill.

BOWSHER

(Sold with or without elevator)
CRUSH ear corn (with or without
shucks) and GRIND all kinds of small
grain. Use Conical Shape Grinders.
Different from all others.

**LIGHTEST
RUNNING.**

Handy to Operate, 7 Sizes—
2 to 25 h. p. One size for wind-
wheel use.

Also make Sweep Grinders;
both Geared and Plain.

E. N. P. Bowsher Co.
South Bond, Ind.

FEED MILLS

just salt enough to use. If in the spring
when the weather begins to warm up the
brine seems to sour, pour off and renew; or
boil and skim, and recover.

USE OF THE COLD MEAT.

The cold roast sliced thin is pink and
juicy and makes a delicious supper with
some palatable condiment. It is best, how-
ever, to save it till the next day, as even
the most appetizing dish is not rolled as
much if served twice on the same day, says
What-To-Eat. Only perfect slices should be
served cold, reserving the ragged bits for
other uses. These may be warmed in the
gravy with a little chopped onion, and poured
over split hot biscuits. Or they may be made
into delicious hash with potatoes and onion,
and served on slices of toast. Still another
way is to run them through a chopper with
half the amount of bread crumbs and a
small onion. Add the cold gravy and a
beaten egg. This may either be molded into
small, flat cakes and fried, or baked in a
loaf to be served with tomato gravy.

AMONG OURSELVES

This Among Ourselves circle is the
very heart of our home. Here we talk
about the things that are interwoven
with the very fiber of our being, of
the things which make and mar happi-
ness, of the things which, though they
be commonplace in themselves, are an
important factor in the life product we
are making. It is fitting that in such
a circle the voices of youths and maid-
ens should mingle with those of their
elders. One of the things which has
pleased me most in the last six months,
is that our young people have found
their way here in increasing numbers.
At this, our last meeting in 1906, let
me express the very earnest hope that
now the young folks have made their
presence known they will continue to ex-
press themselves, introducing topics
which are of special interest to them-
selves and seeing to it that they are
discussed with vigor and propriety.

"An Illinois Bachelor" has created
quite a flutter of excitement. Matrons
and maids are both moved to expression
by the speech he made a few meetings
ago. We shall hear several, beginning
with Mrs. Shelmadine, who will take
the floor for mothers and be followed
by "An Iowa Maiden," and "A Kansas
School-girl."

Illinois Bachelor has given such good ad-
vice to the girls I think someone had bet-
ter give him a little. Certainly a mother
who would give such good advice to her
girls as he writes his mother did, would not
neglect her duty to her son. Any mother
with such advice for girls would not advise
her son to ask a girl the first time he
had a chance, for a good-night kiss, and
surely a man who can give such good advice
to girls would not be guilty of such an of-
fense as asking for a good-night kiss—
surely there are not many girls who would
give it without being asked. He therefore
condemns himself. If it is wrong for the
girl to allow the kiss, it is equally wrong
for him to ask it; and he is first in the
wrong.

I think the young Illinois bachelor quite
right when he says, "Girls should be care-
ful," and should never submit to a good-
night kiss from a gentleman friend; it is
often the first step to destruction, and if
there were more young men like our bachel-
or friend the world would be better for it.
Girls should have good influence thrown
around them in their homes, and be taught
to do all kinds of housework. Mothers
should give advice and keep their daughters
at home until they know right from wrong;
then when the girl has gentleman company
she knows what to do and how to act. I
am twenty-two and I find in my experience
that a girl needs to be firm and independent
with young men, and that she is respected
for it. I have had strict parents, and I
am glad of it.

The letter of Illinois Bachelor prompts me
to say in regard to the downfall of young
girls, if mothers (and fathers) would teach
their sons morality, as well as their daugh-
ters, few girls would fall. The fault lies
with the parents. If all boys were made to
obey their parents' teachings as well as the
average girl does, when they reached man-
hood few would ever cause trouble. Girls
are lectured and warned from morning until
night and the average boy is allowed "just
to grow up." They are allowed to associate
with men and boys who have for the subject
of conversation, when alone, the latest scan-
dal, a new vulgar joke, etc. Somebody said,
"Remove the cause and the fault will mend,"
which can be applied in this case. If there
were no tempters there would be no dis-
graced girls. I am an eighteen-year-old girl
and am studying almost night and day that
I may teach school next year. I am of
passable appearance, I will venture to say,
and have been kissed by none excepting very
near relatives. The neighbors say, "She
never has no fellers; she is too cranky and
stuck up; the boys don't like her." Judg-
ing from his letter, Illinois Bachelor is a
very good young man, but he, even, could
improve. A girl as pure as the one he is
looking for will not have a man who has
kissed the lips of all the other girls in the
neighborhood, trying to find one that would
not let him kiss her.

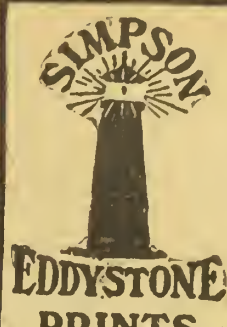
And there is more to follow. Little
Miss Modesty and One Who Has Experi-
ence both have something to say in re-
ply to our Illinois bachelor friend, al-
though they speak of another matter
also:

I have been a silent but interested reader
of this department and I feel that I must say
a word about fallen girls. I think the reason
why so many girls fall is because their

mothers do not give them the advice they
should have. But who is at the bottom of
all this disgrace? I say it is a man. Mothers
should talk to their boys, as well as the
girls. They should teach them to respect
women, and tell them how mean and dastardly
a man is who will tempt women to do
dishonorable things. A man who betrays a
girl sinks to the level of beasts. He ruins
two lives, his own and the girl's. If so-
ciety would only make men bear the dis-
grace, as well as the women, then most of
the misery would be out of this world. The
bachelor from Illinois gives the girls some
good advice, and as "one good turn deserves
another," I will give him some in return.
The good girl would give him the "bounce"
if he would ask her for a kiss, so "if the
right one comes along" he had better be
careful and try some other means of ascer-
taining her character, or he will be a bachel-
or all his life. Besides, if it is wrong for
a girl to kiss a man, then it is also wrong
for a man to tempt a girl to kiss him. A
kiss may be a girl's first step to ruin. A
girl shows her character by her demeanor
and a young man need not disgrace himself
by tempting her to do anything dishonorable
if he will study her and thus read her char-
acter.

I would like to say a few words in reply
to An Illinois Bachelor. Often a good young
man could lead a girl away from evil ways
if he would. Perhaps she is an orphan or
far away from home and loved ones. A few
words or a tender caress will often turn her
thoughts into a good way. She has been led
into evil companionship by coaxing and fair
promises of love. Her heart may be hungry
for love and she is led from right, not think-
ing of the evil to come. And even if she is
at home, the parents may not be given to
demonstrations of their love, and it would
seem to the children that all they cared for
was work and money, and they would turn
to those who supplied what their hearts

The temperament and character of
young people and the customs of their



**SIMPSON
EDDYSTONE
PRINTS**


**Simpson-Eddystone
Black & Whites**

Permanent color that does not wash
out or fade. Some designs with a new
silk finish; cloth of the highest qual-
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years.

Ask your dealer for Simpson-Eddystone
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The Eddystone Mfg. Co. (Sole Makers) Philadelphia.

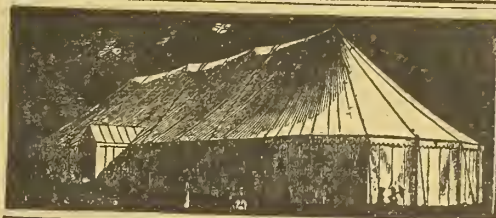




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THE Rue Washer is the only machine that forces air through the
clothes. It is the only machine that employs the same scientific
principle used on the old time washboard. It is made of the best
quality galvanized iron; it will not dry up and fall to pieces; it will last
a life time; it weighs only 50 pounds; it will not tear the clothes; it
does the work, better, easier, quicker than any other machine in
the market. Every machine is sold under the positive guarantee of
the manufacturer. Ask your dealer for it. If he hasn't it write us.
We will send it on trial. The price is only \$5 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.

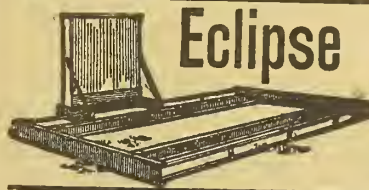


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for all canvas goods.

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ALL above ground. No pit. Steel frame eight inches
high. Most accurate and durable. Write for catalog
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The Only Hog and Sheep Waterer. SIMPLE. DURABLE. RELIABLE.

NOW when everything else is frozen solid those who
use the ONLY smile and know that the hogs
have got all the water they want. Weather 40 below is
just like summer with the ONLY. Write and ask us
all about it. Enclose 10 cents for our booklet on hogs.

—Write today—
THE ONLY MFG. CO., Hawarden, Iowa



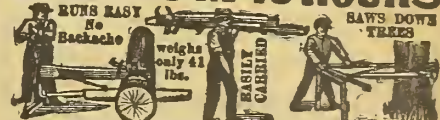
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BY ONE MAN, with the FOLDING SAWING MACHINE, it
saws down trees. Folds like a pocket knife. Saws any kind of
timber on any kind of ground. One man can saw more timber
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188-184 E. Harrison Street, Chicago, Illinois.**

country go far in determining correct
usage in their intercourse, but there are
certain things which self-respecting
young men and women will not do.
Good taste demands that a girl shall
not cheapen herself by promiscuous kiss-
ing, and the chivalrous man who expects
the girl he chooses for his wife to come
to him, like a half-blown rose, sparkling
with dew and fragrant with the breath
of morning, will bear himself to all wom-
en so that the wives of other men may
go to them as pure and sweet as he
desires the woman of his choice to be.
There should be but one standard for
the sexes, whether of manners or of
morals, and when women rise to the
justice of this conception, when moth-
ers are governed by it in the training
of their children, the millennium will be
hastened; but let us hear Mrs. Massey
who has been thinking along this line:

Why will people, and respectable women
at that, receive and be cordial and friendly
to a man who is known to be morally cor-

But, while they will never speak a good word to or of a girl who has made one wrong move, no matter what the extenuating circumstances are. Perhaps you can't put your finger in her place "in your mind," but just try to think how that girl feels. Perhaps she was well brought up and never thought that she would ever make such a false step, but did so under sudden temptation by the one she loved or perhaps it was done under the influence of drug, so I've heard, and now she is put on the plane with the most vile of women. She may be suffering agonies of shame and repentance and if people would only extend a helping hand she might be saved from ever again doing such wrong. Perhaps she is strong enough to live blamelessly the rest of her life in spite of coldness and neglect, but don't you think it would be more Christ-like to give her your hand and show you appreciate her efforts and will do all you can for her? Receive her at your home, and visit with her, for if your morals are as they should be and your character firm and strong she can do you no harm and you can help her wonderfully. I really believe that fewer women would live such wicked lives if people would only be more ready to help them up instead of when they are down, each and every one being ready to give them a "kick." Let us give those men and boys a few more frowns and "cold shoulders" and perhaps they will be a little more careful of their morals if they find respectable people will not "countenance" them, for they are generally the most to blame. As Mrs. Walker says, there is less excuse in these days for good and blameless women refusing a helping hand to the erring. Let us not be afraid of what people will say of us, for if our life is morally blameless they cannot help but judge our motive aright.

Some of the friends may question the wisdom of allowing an entire program to be occupied with the matters discussed today, but the large number of letters received persuades me that the circle desires that certain subjects which have not heretofore been discussed should receive attention. There are a number of odds and ends which I had planned putting upon the program today, but like Queen Elizabeth I keep a keen ear to the ground and I found my people wanted something else. Will the friends please remember that here Among Ourselves, as far as it is possible, they are

given what they ask for and they receive back what they give? That our meetings are such a success is your doing. As was the past so is the future in your hands, I face it unafraid, and with a glad and thankful heart say, "Happy New Year." I wish I might not only say "Happy New Year" to each and every one of you, but that we might clasp hands and receive the inspiration which comes from the tongue of kindred souls.

Dressmaking and Millinery—No. 549.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] Although there is a riot of color in the season's garments it is not to be inferred that black has been crowded out, or even made to take a secondary place, and one need only note its prominence in a well-dressed crowd to assure herself as to its favor. In the early showing of coats and wraps black seemed to hold a small place, but there came a turn in the tide of favor and the black coat is now given first place. It is said, too, that the separate skirt in black is regaining its former prestige. In millinery, too, there is a marked return to black, the all-black hat or the hat that has only a touch of color being among the most dressy. Noticeable among the latter is the black velvet hat with rich black plumes and a single large rose usually a deep red or a deep pink.

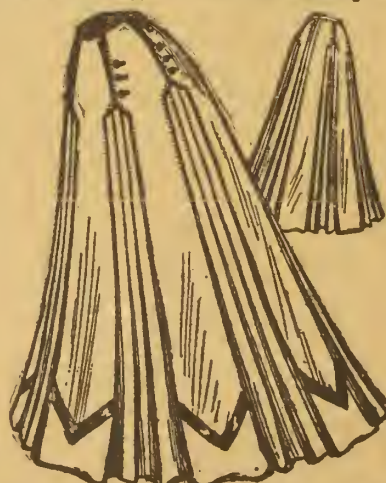
For this number I have again two designs that will combine very effectively in making a costume of one material throughout, and when showing such I find it necessary to repeat that in no case are two such offered or sent as one pattern. The patterns are put up in separate envelopes, each has its own number, and the two may be used together or separately.

Fancy blouse waist No. 5527 has several new features that belong especially to the season. The chemisette effect was never in more general favor, and the outlines in this design are simple and attractive. Although the chemis-



[5527 Fancy Blouse Waist, 32 to 42 Bust.]

ette is of lace as here pictured, any variation liked may be adopted. The front is in novel shape that is emphasized by the application of buttons and "simulated" button-holes. The latter are made of cord or marrow fancy braid, and should correspond in color with the buttons, and these of course match the trimming. Button-hole effect may be made on the material in embroidery (button-hole stitch), but without cutting the



[5528 Fancy Pleated Skirt, 22 to 32 Waist.]

cloth. The overlapping parts are stitched in place, not depending at all on these applications. Flat stitched tucks extend the full length of the back. The arrangement of the pleats at the front give the effect of fullness. The waist closes invisibly at the center front, the chemisette being hooked into place beneath the left front. The sleeves are in novel shape and are in keeping with the other parts of the design. While the pattern does not provide for these in full length they may be cut longer and still the outline kept the same. Or a deep cuff may be made of the material or of lace to be worn when desired. Pattern No. 5527 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure. Give size when ordering pattern.

No. 5528 pictures a fancy pleated skirt that combines pleats, panel and yoke effects in a pleasing manner. It is to such an extent on the lines of the waist described above that I need not repeat what was said in regard to

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Wagon Box Manure Spreader

\$59.50

Freight Prepaid



Guaranteed and Backed by a \$25000.00 Bond

FITS ANY TRUCK.

Miller Testimonial Letter.

I have thoroughly tried your two horse spreader. Have hauled over 300 loads of manure of all kinds and it did the business to a queen's taste. It has caused no trouble whatever. My 13 year old boy used it without any trouble. I am recommending it to my neighbors and friends. I thought all spreaders were troublesome but you have changed my mind.

LEWIS MILLER.

No spreader made a third as simple as the Galloway.

But one operating lever. Many new features such as our endless apron conveyor, solid bottom box and double chain drive.

We positively guarantee the Galloway to handle any kind of manure.

Sold direct to the buyer without one cent paid to us in advance.

We pay the freight and save you 50%.

My Spreader Booklet tells you all about this New Spreader for every farmer. I want you to read in it what my customers think of it; and some interesting things about the future of your land in fertilization. It's free.

Just write me personally a letter or postal.

WILLIAM GALLOWAY, President.
WILLIAM GALLOWAY COMPANY.
109 Jefferson St., Waterloo, Iowa.

Write your name and address plainly on this Ad., cut it out and send it to me.



William Galloway,
Builder of the Only Wagon
Box Spreader called the
"Galloway."

SOLD direct from my factory to you.

Built on honor.

Not how cheap but how good, is my motto.

After I have made them as good as I can, then I make the price as low as I can.

A spreader for \$59.50.

A spreader that I personally guarantee to work as well or better than any other spreader on the market to-day.

My guarantee is the broadest possible—and backed up by a \$25,000 legal bond.

To show you my confidence I will send you one, you take it out in the field and use it, or abuse it if you want to, for 30 days, and if you don't find it worth more than the \$59.50 I ask for it, just take it back to the depot and ship it back to me. I will pay the freight both ways. You can try it for nothing—and at no risk.

My free trial plan is such that you don't have to send me one cent in advance. You get my plan when you get my booklet.

I save you over one half the price you would have to pay for any other spreader as you use your own wagon truck. Why tie up \$65 in a spreader truck, useless 11 months in the year?

An important feature of the Galloway Spreader is its light draft. Two horses will haul it. Read what Mr. Miller says about it.

Best Baker Built **SOLD DIRECT from FACTORY at WHOLESALE PRICE**

We save you from \$15 to \$40 when we sell you a Hand-Made Steel Range direct from our factory at our low wholesale price, besides we give you the best range on the market. The Tolman Steel Range is the "best baker built," is very economical in fuel consumption, constructed of the best materials money can buy and will give you splendid satisfaction and years of service. We ship any style range we make on a strong, binding ten year guarantee and give you one year free decision trial. We prove to you in your own home, at our risk, by actual test, that Tolman Ranges are superior to any range made, and that our way of selling direct at wholesale prices actually saves you money. Don't buy until you get our complete catalog of stoves and ranges. A moment's time and a postal card will bring it to you and save you money. Write for it today—ask for catalog "G."

JUDSON A. TOLMAN CO.,
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THE TOLMAN STEEL RANGE

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The manner of producing the button and button-hole effect. The skirt is cut in nine gores, extensions on each of these being laid in the small side pleats. Below the yoke portion the pleats are stitched a short space, and below this left to flare about the foot of the skirt. If waist and skirt are of one material the trimming should correspond, but may be omitted or varied at will. Any mode of panel trimming may be used and variation made in trimming the waist to correspond. The skirt may be made in sweep or round length, the pattern being perforated for taking off for the latter. Pattern No. 5528 is cut in sizes for a 22, 24, 26, 28, 30 and 32 inch waist measure. Give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

THE NECESSITY FOR GOOD TOOLS.

The old, battered hammer or hatchet—the discarded saw or chisel, are silent witnesses of the necessity of buying good tools for the home. A good job cannot be done without good tools, and nearly every day something turns up about the house that could be improved or repaired if the proper tools were at hand.

The Keen Kutter Tool Cabinets are designed for the convenience of the home. The assortments of tools were carefully thought out by men who know tools and their requirements.

Every tool has a place of its own in the cabinet, so it will not be damaged by contact with others. Every tool belongs to the famous Keen Kutter brand, which means they are the best you could buy.

Keen Kutter Tool Cabinets are made in various sizes, costing from \$7.50 to \$100.00, according to the assortment of tools.

All Keen Kutter Cabinets are complete in every detail within the limits of the requirements for which they were designed. All contain in various numbers and varieties, Saws, Braces, Bits, Chisels, Gimlets, Awls, Planes, Hammers, Hatchets, Files, Pliers, Screwdrivers, Wrenches, Nail-sets, Reamers, Rules, Squares, and everything that is needed.

Nothing is forgotten—you don't have

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This Peerless Cooker Complete \$3.75

by buying direct from our factory. Every cooker absolutely guaranteed, and sent out on 30 days approval test. Special fine device that saves 50 per cent in fuel—jacket bound in steel. Kettle warranted flawless, and whole cooker unequalled in efficiency, durability and low price. Write at once for catalog and special book "What to Cook and How to Cook for Stock."

GREENVILLE IMPLEMENT CO.,
29 Clay St., Greenville, Mich.

AGENTS WANTED For Mend-a-Rip

Greatly improved. Better than ever. Does all kinds of light and heavy stitching. Saves 100 per cent many times a year. A perfect Hand Sewing Machine and Stitcher combined. Needs the Automatic Synchronizer which makes best, even stitching. To show it means a sale. Agents make \$3 to \$15 a day. One agent made \$20 a day and writes to hurry machines to him. Write for special price. J. B. Fooks Foundry Co. Dep. 438 Fredericktown, O. (The Great Agents Supply House)

PATENTS
ORWIG & LANE,
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Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead

to send out in the midst of your work for some trifle. The drawers are filled with the necessary accessories, such as glue, steel wire, screws, sand paper, etc. It would be difficult to collect so useful an outfit by buying each piece separately, and impossible to secure tools of any other make so satisfactory for home use.

Keen Kutter Tool Cabinets and Boxes are the only ones containing a complete set of tools under one name and trademark, guaranteed to be perfect in every respect.

The Keen Kutter Tool Cabinet Booklet will be sent free to anyone who would like a copy, by Simmons Hardware Company, St. Louis and New York, U. S. A.

Roof repairs are costly — Genasco Ready Roofing takes care of itself.

Warped shingles, shattered slate, rusted tin, cracked and crumbled coal-tar—all demand roof repairs, and repairs mean expense.

Natural asphalt is the life of a roof; no other material is so strong to resist rain, sun, wind, heat and cold.

We know how to combine the asphalt of Trinidad Pitch Lake with other high-grade asphalts and make roofing that cannot crack, melt or catch on fire, but lasts for years—Genasco Ready Roofing.

Smooth or mineral surface. Several weights.

Anybody can lay it. Ask your dealer. Write us for Book N and samples.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt in the world
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TRY THIS MILL

10 Days Free.

I will send any responsible farmer one of

DITTO'S

Latest Double Cut, Triple-Geared Ball-Bearing

Feed Grinders

On Ten Days Trial—No Money in Advance. If it does not grind at least 20% more ear-corn or other grain than any other two horse sweep mill made, send it back at my expense. Don't miss this offer. Ball-bearing throughout. Only 10¢ sweep. Light draft. Grinding rings never touch each other—they last for years. Both grinders revolve, self-cleaning. Ask for new Catalogue.

G. M. Ditto, Box 12 Joliet, Ill.

TYPEWRITER

FOR SALE—Several typewriters as good as new. Bargains for those who come first. Address, **Glenn Co., 303 Locust St., Des Moines, Ia.**

ADVERTISING NOTES.

The Myers-Boyd Commission Co., of St. Louis, Mo., announce in an advertisement on page 11 of this issue that they will pay the highest price for furs. Write them for price list.

An 800-acre farm located one mile from the center of a town and about forty acres of which is natural timber, with fine orchard and good house on the place, is offered for sale on page 21 of this issue. The address in the advertisement is Box 223, Wessington Springs, S. D.

Messrs. Willis & Co., of Emporia, Kan., are offering an 800-acre farm, 300 acres of which is under cultivation, for sale in their advertisement that appears on page 21 of this issue of The Homestead. Five hundred acres of this farm is in grass, having fine water, tank, hydrant, windmill, etc.; good feed lots, orchard, large eight-room house, small tenant house, two large barns, three large cribs and other improvements. The price at which it can be purchased and other information can be found in the advertisement.

When looking for a new location, the average reader is often bewildered by the many advantages that different parts of the country seem to offer; one offers this, another that advantage, and it is hard for him to settle on a selection. One state, however, offers somewhat unusual advantages; that is Washington. Doubtless you have often heard of the famous Big Bend country, but never came across facts interesting enough to read. First, the soil is of volcanic origin—light in color, fine as wheat flour when thoroughly pulverized, easily workable and makes the finest kind of seed bed known. Climatic conditions are all one could desire; otherwise, the record-breaking crops that make eastern Washington the garden spot of the West could not be produced. The usual spring rains continue to the middle of July; thereafter, little rain falls until September. There are no destructive storms, or, in fact, storms of any severity and in harvesting his crops the farmer is secure in the knowledge that no delays or damages will ensue from this source. In the central and midwestern states we know storms to be of more or less frequent occurrence. The Big Bend country is the greatest wheat-producing section in the entire West and freedom from rain before and during harvest time insures grain of the finest quality, totally unlike the somewhat shriveled grain of other localities. One may own a home in an unproductive country where it is a matter of dig and delve from morn to night, hard to keep even and often running behind. One may have hopes and work like the proverbial beaver, but if the climate, soil and other conditions that make farming successful are not present, he may not hope for success. In comparison with other localities Washington land is cheap and its fertility and productiveness are self evident. Where the central states may "miss" a crop occasionally, Washington bears the pennant for her regularity. The Big Bend Land Company are sending out interesting literature to interested land buyers and we suggest that any so interested write for information to the Big Bend Land Company, Dept. 1, Wilbur, Wash.

WANT TO SELL YOUR FARM?

If you do, write the Glenn Realty Company, of Kansas City, Mo. They have an announcement in this issue that will interest anyone who wants to buy or sell property of any kind. Look up their advertisement and write them.

MISSOURI FARM CHEAP.

To anyone who wants a good grain and stock farm the one offered for sale by the Howell Realty Company, of Kansas City, ought to be considered. This is an excellent farm at a low price and is only a short distance from Kansas City. Read this firm's advertisement on page 21.

A GOOD HAY PRESS.

Those who want a good hay press should consider the merits of the Auto-Fedan before buying. The following testimonial letter speaks for itself: "Luverne, Iowa, Oct. 21, 1906. Auto-Fedan Hay Press Company, Topeka, Kan. Dear Sirs:—We pressed over twelve tons of timothy in four hours and thirty-five minutes last Thursday, running 301 bales. W. L. Niver." Those who have used the above press are greatly pleased with it because two men can operate it, and help is hard to get nowadays. Then it only takes two-horse power to run this press, and it is said to be the only successful self-feed on the market. Read the advertisement on page 8 of this issue.

HENRY FIELD'S SEED CORN.

Mr. Henry Field, of Shenandoah, Iowa, makes about the most liberal offer in his advertisement on this page that any man could wish. He says he allows the purchaser of his seed corn to test it and if he is then disappointed in any way, return the corn and get purchase price. This guarantee applies to both shelled and ear corn. Now Mr. Field is not a man to make an offer and then back out. He has built up a reputation for two things, namely, for good seed corn and for "making good." Of course, the scientific manner in which he keeps his corn enables him to stand behind it with his bank account. Mr. Field also handles good clover seed and fresh garden seeds. His catalog tells all. Send for it and mention this paper when you write. Address Mr. Henry Field, Shenandoah, Iowa.

BUILDING MATERIALS CHEAP.

The meaning of the above title is a very different thing from "cheap building material." The St. Louis Wrecking & Supply Co. have none of the latter for sale. However, this company are offering all kinds of building material at a low cost. They can do this because they have recently purchased the famous coliseum and mammoth music hall of the St. Louis Exposition. This was erected at a cost of one million dollars. Ten million feet of lumber, all sizes, were used in its construction, as well as twelve million brick, one million feet of pipe, 500 toilets, 100 lavatories, in addition to electric motors, wire, lamps, fans, blowers, etc. Also 5,000 common chairs and 5,000 dining room chairs, as well as 1,000 dining tables. There are 100 leather-seated chairs and 100 solid oak fancy tables. This material is now being offered for sale at great bargains. Everything is guaranteed or money will be refunded. A

catalog has recently been published and will be sent upon application. You will find the advertisement on page 3 of this issue. Mention The Homestead when you write and address St. Louis Wrecking & Supply Co., 3809 Manchester Ave., St. Louis, Mo.

SPEAKING OF INCUBATORS.

Every man or woman who raises enough chickens to really amount to anything, that is, to bring in any substantial income, uses incubators to hatch out the great bulk of their chickens. The old hen is simply used as a side issue, and this is especially true where the "Hatch All" incubator is used. The regulator on this incubator never fails to control the heat and one hatch of early chicks will pay for both this incubator and the brooder that accompanies it. It is made by the Hebron Incubator Company, Box 8, Hebron, Neb., and the advertisement of this firm will be found on page 14 of this issue. Orders for incubators should soon be sent in and our readers should at once write to the above address for their new catalog, which is beautifully illustrated and contains much valuable information on poultry. Please mention this paper when you write.

FALFURIAS IN THE WONDERFUL GULF COAST COUNTRY OF SOUTH TEXAS.

The northern farmers have recently learned of a new country in the great Southwest and hundreds of them are going there and are bettering their condition. Land is getting so high in price in the old, settled countries that it is almost beyond the reach of the ordinary farmer, and if he wants a home for his family, or a little more land for the boys, he goes to the countries where he can buy cheaper and get land that will produce more valuable crops. This being true, there is no better country anywhere today than the Gulf coast country of southern Texas, in the vicinity of Falfurrias and other new towns which are now being built in that section. The Falfurrias country certainly has a great future. The farmer in that vicinity raises crops that pay them from \$50 to \$300 per acre and two or three crops from the same tract of land the same year. Farmers in the northern states cannot do this, as the climate is not right. But it is said that the Gulf coast country has the finest climate in the world. The Falfurrias Immigration Company have built up the town of Falfurrias from a population of twenty-eight people in 1904 to a population of 1,200 in 1906, and Falfurrias will have 2,000 people in 1907. This same company are now building new railroads and new towns, and there are many excellent opportunities in and around these new towns for those who go to that country now. These new towns will be developed just as Falfurrias has been and those who get in now are going to get the benefit of this development. But do not delay. Naturally such opportunities as are offered now will not be open long. The price of land will double and treble in a short time and those who buy at this time will get the benefit of the raise. The proof of these statements may be found at Falfurrias, and the way to find out the truth is to get the letters of farmers who live near Falfurrias, or better still, go on the next excursion and talk with them. What has been done can be done again, and will be done, for this company have ample means to carry out their plans, and men of vigorous character and integrity are back of this proposition. Do not fail to read the advertisement of the Falfurrias Immigration Company, of Kansas City, in the Lands and Homes department of this issue, and we would advise all those who want a home or investment to write them for free literature, latest map of Texas, etc. They will gladly send these on request.

The Saunders Sale.

The anniversary sale of Mr. C. A. Saunders, at Manilla, Iowa, on December 19th, commemorative of his ten years' connection with breeding of Short-horn cattle, proved to be one of the greatest attractions of the year. Not since the dispersion of the Tebo Lawn herd at Kansas City has such a representative lot of breeders been at a ring side as was gathered together at the Greeley Stock Farm on this occasion. When Col. F. M. Woods called the meeting to order he did so with a few preliminary remarks and touched upon the occasion of his first meeting with Mr. Saunders at a Short-horn sale when he advised him to buy a cow. He said to him at that time that if he would take good care of her and her descendants that in ten years it would be possible for him to have seventy-one head of cattle. He not only lived to see the fulfillment of his prediction, but also to witness the rise of one of the most noted breeders and show men of today. Colonel Woods then called upon Mr. Saunders, who welcomed those present and in a few words gave a resume of his career as a breeder. He said he took particular pride in the fact that during all these years his very best and most loyal supporters were his neighbors and his friends, and he was glad to have them with him here again today, besides many of the very best breeders of the present day. Mr. Saunders then called upon Mr. E. O. Cowan, assistant secretary of the American Short-horn Record Association, who made a most appropriate speech to the 500 persons present, and then Colonel Woods opened the sale with Lady Fragrant, a daughter of Imp. Marengo's Count. The bidding was rapid, and she soon reached the \$500 mark, and was finally knocked down to Mr. Owen Kane, of Wisner, Neb., at \$760. She was also the top animal of the sale. Imp. Scottish Myrtle, an eight-year-old roan cow, was brought into the ring and she went to Messrs. J. R. Mansfield & Son, of Wisner, Neb., at \$480. The Scotch females were sold first, and brought most satisfactory prices. Most of these were purchased by well-known breeders, Mr. N. A. Lind being one of the best buyers in the sale. Lord Champion 2d, a yearling son of King Champion, was bought by Mr. G. H. Miller, of Harlan, Iowa, at \$300, and Scottish Champion also went to Nebraska at the same figure. In all respects it was a great sale. Fifty-nine head sold for \$11,290, or an average of \$191.35. Forty-six females sold for \$9,410, or an average of \$204.50. Thirteen bulls sold for \$1,880, or an average of \$144.60. Col. F. M. Woods cried the sale and was most ably assisted by Col. Geo. P. Bellows and Col. Carey Jones. Below is a list of those selling for \$100 and over:

COWS.

Imp. Scottish Myrtle, seven years, J. R.

Mansfield & Son, Wisner, Neb. \$480
Lady Fragrant, four years, Owen Kane, Wisner, Neb. 760
Imp. Miss Law, seven years, Aug. Sonne-land, Harlan, Iowa. 530
Czarina, four years, N. A. Lind, Rolfe, Iowa. 500
Pro Narcissus 2d, five years, G. M. Fisher, Battle Creek, Iowa. 330
Cumberland's Countess, three years, Jno. Rasmussen, Lake City, Iowa. 255
Scottish Semstress 2d, three years, I. H. Haworth, Denison, Iowa. 510
Narcissus Gem 2d, one year, H. M. Sanders, Farmington, Minn. 400
74th Duchess of Gloster, three years, same Jessica of Anoka, five years, Frank Harding, Waukesha, Wis. 330
Cherry Sweet Briar 3d, N. A. Lind. 100
58th Duchess of Gloster, two years, G. H. Miller, Harlan, Iowa. 150
Lady Gloster, one year, M. L. Andrews, Capron, Iowa. 105
Forget-Me-Never, one year, N. P. Clarke, St. Cloud, Minn. 215
Brookside Orange Duchess, five years, W. H. McLaughlin, Shelby, Iowa. 175
Flower Bell 3d, two years, Walpole Bros., Rock Valley, Iowa. 170
Bess of Walnut Hill, five years, J. R. Mansfield & Son. 225
Daisy Bell 3d, one year, N. A. Lind. 210
Scottish Queen, one year, C. W. Daws & Son, Harlan, Iowa. 210
St. Mary, one year, W. H. McLaughlin. 130
Lady Douglas 3d, two years, L. C. Shepherd, Manning, Iowa. 225
Cherry Sweet Briar 4th, one year, N. A. Lind. 225
Belle of Cloverdale, six years, W. H. McLaughlin. 105
Alice, six years, Jas. Hoge, Aurora, Neb. 105
Rose of Sharon 3d, two years, J. R. Mansfield & Son. 140
Lady Cumberland 5th, four years, Isaac Haworth, Denison, Iowa. 110
Cumberland Lass, two years, N. A. Lind. 140
77th Lady Bampton G., six years, same. 100
Merry Grace, four years, O. E. Wade, Rising City, Neb. 105
Lily Champion, one year, H. M. Sanders. 175
Rose Champion 2d, ten months, Fred Musseltdt, Manning, Iowa. 100
Ida Corum 2d, one year, N. A. Lind. 115
Miss Ida 4th, two years, I. M. Haworth. 110
Lady Champion 4th, ten months, Fred Musseltdt. 100
Gold Bug 5th, one year, same. 100
Champion's Lady, one year, F. O. Loudon, Oregon, Ill. 215
Duby Champion, ten months, C. W. Daws & Son. 105

BULLS.

Lord Champion 2d, one year, G. H. Miller, Harlan, Iowa. 300
Pro Champion, one year, J. T. Judge, Carroll, Iowa. 160
Confessor 2d, one year, Jas. Edwards, Manilla, Iowa. 110
King Cumberland 210620, four years, Peter Tuete, Charter Oak, Iowa. 260
Scottish Champion, one year, Staley, Roth & Roussele, Milford, Neb. 300
Merry Marshall 7th, one year, A. Dauthe, Fullerton, Neb. 150
Champion's Lad, one year, Thos. Norris, Denison, Iowa. 155
Leigh Champion, one year, F. W. Downs, Davenport, Iowa. 145
Victor Champion, one year, Chris Lawrence, Defiance, Iowa. 120

E. R. Morgan's Hereford Sale.

The sale of Hereford cattle held by Mr. E. R. Morgan, of Blue Rapids, Kan., on December 19th, was well attended by breeders and cattlemen from northeast Kansas and southeast Nebraska. The cattle were offered in just nice breeding condition. Many thought the offering of thirty-five bulls would not find buyers, but twenty-eight head were sold. The larger part of these were quite young and cut the average to a great extent. Mr. Wm. Henn, of Kansas City, Mo., bought several of the older bulls for the western trade. The top on bulls was \$210, paid by Mr. Henry Kaump, of Randolph, Kan., for Lot 30, a May yearling got by Earl of Willowbrook. The heifers bred and in calf to Mr. Morgan's great herd bull, Onward 18th, were ready sellers. The top on these and the top of the sale was \$215, paid by Mr. L. A. Oberhelman, of Winkler, Kan., for Lot 29, a granddaughter of Beau Brummel, with a coking bull calf at foot got by Onward 18th. All the females found ready buyers and at reasonable prices. Col. R. E. Edmonson in his opening address spoke at some length on the pedigrees on Hereford cattle, explaining clearly to the man who might be contemplating starting in the Hereford business that he had nothing to fear as to families, as this is one breed that is not affected by any family craze. A list of all sales with the averages follows:

BULLS.

Julia's Keep On, one year, Peter Peterson, Morganville, Kan. \$ 55
Stanford, one year, J. M. Williams, Home City, Kan. 65
Gershom, one year, Wm. Henn, Kansas City, Mo. 60
Hero, one year, W. B. Hobe, Barnes, Kan. 65
Perfection, one year, L. Pfle, Palmer, Kan. 70
Roseberry, one year, Ed Rice, Blue Rapids, Kan. 45
Sir William, one year, Wm. Henn. 65
Daniel, one year. 50
Kansas Boy, one year, F. W. Toburen, Cleghorn, Kan. 50
Gladys Keep On, one year, Wm. Henn. 60
Bobby Shafto, one year, E. L. Axelson, Garrison, Kan. 40
Irma's Keep On, one year, Wm. Henn. 70
Troubadour, one year, same. 55
John Hallfax, one year. 40
My Beau, six years, F. E. Swansen, Randolph, Kan. 75
Gamaliel, one year, Wm. Henn. 65
Gladiator, one year, J. M. Modean. 45
Dale, one year, Henry Kaump, Randolph, Kan. 210
Dauntless, one year, Henry Anderson, Waterville, Kan. 125
Togo, one year, P. F. Peterson, Morganville, Kan. 45
Rose's Keep On, one year, T. J. Melgreen, Garrison, Kan. 45
Priest's Keep On, one year, O. H. Roberts, Wymore, Neb. 45
P'less Roseberry, one year, Wm. Henn. 45


If a grocer says "certainly," when you ask him for a MACBETH lamp-chimney, it's an indication that he is a safe man to deal with, as it shows a desire on his part to serve his trade with the best of everything.

The merchant who always tries to sell you something "just as good," when you ask for a standard article, doesn't sell MACBETH lamp-chimneys.

My Index is useful to everyone who owns a lamp—and it's free.


Address, MACBETH, Pittsburgh.

FIELD'S SEED CORN



Sold ear or shelled. All graded, tested, proven—then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it—fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

HENRY FIELD, SEEDSMAN,
BOX 25, SHENANDOAH, IA.




CUT ICE

With the Dorsch Double Row Ice Plow We guarantee it will cut more than 20 men sawing by hand. Cakes are cut uniform, of any size and thickness. One man and a horse will cut more ice in a day than the ordinary farmer and dairy man can use. You can cut for others and make the price of our plow in two days use. Ask for catalogue and introductory prices.

JOHN DOORSCH & SONS 216 WELLS ST., MILWAUKEE, WIS.

MADE IN THREE SIZES



Brutus, one year, same. 50
Major, two years, same. 160
Gay Roseberry, one year, same. 40
Alice's Keep On, one year, August Kolling, Morganville, Kan. 95

COWS.

Sadie B., two years, F. W. Roepke, Barnes, Kan. 70
Lady Beryl, three years, Ed Toburen. 75
Kathleen, two years, H. H. Johnsmeyer, Cleghorn, Kan. 80
Alice Boabill, five years, and c. c., Ed Toburen. 110
Miss Lou, one year, Wm. Acker, Vermilion, Kan. 65
Leta 2d, and b. c., J. A. Oberhelman. 215
Lady Aurora 2d, H. H. Johnsmeyer. 100
Thanksgiving L., F. W. Roepke. 85
Pearl W'tchman, R. H. Hazlet, Eldorado, Kan. 80
Lenore, Ed Toburen. 75
Ladybird, O. H. Roberts. 60
Gladys, A. A. Hert, Wymore, Neb. 65
Nellie L., G. Wreath, Manhattan, Kan. 60
Nellie Bly, A. A. Hert. 40
Antonia, J. M. Williams. 65

SUMMARY.

27 females \$1,835; average....\$69.33
15 Bulls 1,245; average.... 83.00
42 head 3,180; average.... 73.33

French Drafters Sell Well at Perry, Iowa.

Everything conspired to make the pure-bred horse sale at the farm of Messrs. J. R. Mills & Son, near the above place last week, a splendid success. The day was ideal and the crowd was unusually large and good natured. Mr. Mills is a firm believer in good horses and the fact that on twenty head of horses sold that day the average price secured was \$420, confirms that opinion quite conclusively. Those who are looking for good horses in the future will do well to keep this breeding firm in mind. The horses were all home bred, which fact won much commendation from buyers. From start to finish the sale was well managed and lively bidding made the event one of the pleasant ones of the year. Four Short-horn purebred bulls averaged \$66 and seven head of Angus bulls consigned by Mr. Andrews averaged nearly as much. Col. Grif Johnson had the sale well in hand throughout and secured the following prices:

Lot.	Price.
1. Narcisse 10976, R. E. Doidge, Perry, Iowa.	\$ 720
2. Constant 15086, Wm. Wafford, Linden, Iowa.	1,000
3. Banner 13189, J. C. O'Malley, Boughton, Iowa.	775
4. Conrad 15087, Burke Bros., Rippey, Iowa.	735
5. Minot 15090, J. J. Sweetmiller, Decora, Iowa.	500
6. J. W. Mills, Adel, Iowa.	275
7. E. Burns, Minnurn, Iowa.	315
8. F. S. Holcolm.	305
9. J. A. Messner.	400
10. J. W. Burke, Sioux Falls, S. D.	355
11. R. E. Doidge.	265
12. Chas. Mills, Dallas Center, Iowa.	305
13. Same.	315
14. J. W. Burke.	300
15. R. E. Doidge.	300
16. J. W. Mills.	300
17. W. W. Phillips.	205
18. Same.	205

ANNUAL MEETING OF THE MISSOURI BOARD OF AGRICULTURE.

The forty-second annual meeting of the Missouri State Board of Agriculture was held in the office of Secretary Ellis in the agricultural college, Columbia, January 18th. The board is composed of one member from each of the sixteen congressional districts in the state; the governor, state superintendent of schools and the dean of the agricultural college, members ex-officio. The following members were present at this meeting: W. B. McRoberts, Monticello; J. L. Christian, Tarkio; N. H. Gentry, Sedalia; William C. Howell, Uman; John Deewester, Butler; M. B. Greenefelder, Clayton; Norman J. Coleman, St. Louis; W. R. Wilkinson, St. Louis; W. C. Hutchinson, Jamesport; Allen M. Thompson, Nashua; S. W. Hudson, Buckner; E. E. Swink, Farmington, and A. T. Nelson, Lebanon.

The following officers were elected for the ensuing year: S. W. Hudson, president; Norman J. Colman, vice president; George B. Ellis, secretary; W. A. Bright, treasurer.

The board is made by law an examining board for the agricultural college and after examining that institution recommended the following appropriations for improvement and extension of the work: \$15,000 for continuing the work of the soil survey inaugurated two years ago; recommended that the board of curators provide means for the college of agriculture to enter students in the live stock judging contests at the American Royal and International Live Stock shows; for establishing a poultry barn, \$10,000; experiments, \$25,000; animal husbandry department, \$15,000; other departments, \$16,000; a new model dairy barn; the enactment of a pure food law placed under the control of the experiment station; an agricultural building to cost \$200,000; a veterinary laboratory, \$50,000.

The report further states that in the opinion of the board it is inevitable that "in the heart of the greatest agricultural region of the world—the Mississippi Valley—will grow up in the near future the greatest agricultural college in the world. To it will be attracted students from every civilized country on the globe. It will furnish the citizens of its own state with the best instruction of its kind to be had. Missouri, one of the richest of these states, with a more diversified agriculture than any other and with the most central location, is peculiarly well suited to build such a college. The cost of an enterprise of this sort will necessarily be great; the time required for its building will be long. If Missouri is to have any part in this great progressive movement and to have an institution that is even credible, much less distinguished, she must deal more liberally with it than in the past. Our neighboring states of Iowa, Illinois and Kansas have frequently at a single session of their legislature appropriated to their colleges of agriculture more money than Missouri has given hers since it was established in 1870."

For the work of the State Board of Agriculture the following recommendations were made:

For farmers' institute work, \$12,000; state veterinary work, \$20,000; printing bulletins, \$2,500; for printing annual reports, \$10,000. The board recommended that the salary of the secretary should be increased to \$2,500 per year and appointed a legislative committee to bring the matter to the attention of the next legislature.

In the matter of good roads the board recommended the creation of the office of state highway engineer to be under the control of the board of agriculture; the adoption of state aid by the next legislature and also declared that because of the fact that necessary changes in the constitution will be required to give the necessary revenue for road improvement, the wisest thing to do is for the next legislature to call a new constitutional convention.

Watering Hogs in Winter.

To the Editor of The Homestead:

In a late issue of your paper you request articles from your subscribers giving their experience in furnishing hogs with warm drinking water in cold weather.

This is a very important thing, but one that is probably more neglected than almost anything else on the farm. For penned hogs or sows and winter pigs I

had a steam boiler with which I ran a small engine in the hog house, and close beside it I had a ten-barrel tank made of two-inch cypress wood with a close fitting lid on it. I would fill this tank about three-fourths full of water, insert the steam pipe, bring the water to a boil and then put in about six or eight bushels of ground feed and steam it to a mush. This mush will remain warm for two days or more in the coldest weather in this latitude.

For feed I give the hogs the mush in mush form, but for drink I put just enough of the warm mush in the water to warm it. The water I draw from a hundred-barrel elevated tank on the outside of the hog house, and do this several times a day.

For watering hogs that are following cattle a good plan is to use some of the various forms of tank heaters in the cattle watering trough and attach several automatic hog waterers to the sides of the cattle trough. Don't make the mistake of trying to water one or two hundred hogs with a single automatic hog waterer. This latter plan will work well in this latitude, only in soft weather the mud from the hogs' noses will clog the valves of the automatic waterers and at such times the valves must be cleaned out often. I have had no experience in colder climates.

Z. T. Postlethwaite.

Neosho county, Kan.

You ask your subscribers to give their manner of watering hogs in winter and warming the water. We feed about sixty head of cattle and 100 hogs each winter and water them all out of a 2x6-foot round tank. The water is kept warm with a tank heater. The hogs drink out of the top of the tank the same as the cattle, going up an approach of about six feet long and four feet broad. Slats are nailed on this to keep the hogs from slipping. If we turn a bunch of strange hogs into the lot the old ones soon teach the strange ones to go up the approach to drink. If there are no hogs in the lot to teach the strange ones we simply throw some coal ashes and other things on the approach and the hogs are soon drinking.

One day I brought home a wagon load of shoats. There being no others in the lot, I threw some coal ashes on the approach to the water tank and sat down to watch the result, and in less than twenty minutes every one of these pigs had been up the approach and had a drink. We have used this manner of watering hogs for the past two years and think there is nothing equal to it. I have noticed that hogs drink quite often each day in winter when they can get warm water.

F. F. Everett.

Mahaska county, Iowa.

Combination Sale at Coffeyville Kan.

The third annual sale held by the Southeast Kansas Improved Breeders' Association of Kansas, at Coffeyville, December 13th, 14th and 15th, under the able management of Mr. H. E. Bachelder, of Fredonia, Kan., secretary and sale manager, was a success. The offering of Short-horns, Herefords, Poland Chinas, Duroc Jerseys and Berkshires was a good one. Buyers were very much in evidence from different states and the bidding was lively. Cowitz 109685, Hereford cow by Sir Kenelm 68781, out of Dora 61075, brought the top price, going to Mr. C. E. Hildreth, of Altamont, Kan., the noted breeder of Hildreth Yellow Dent Corn, for \$80. In the Short-horn class, Orange Duchess by Orange Knight 166361 and Grace by Canna Hill by Orange Blossom Duke 128189, both owned by Mr. H. M. Hill, of Lafontaine, Kan., brought the top price, going respectively to Mr. D. O. Cripps, of Elk City, and Messrs. Knotts Bros., of Wayside Kan., for \$100 each. The attendance at the hog sale was an enthusiastic one and it seemed that everyone wanted to do the bidding, they knowing that the offering was a good one from start to finish. The writer viewed the offering of hogs and great credit must be given the consignors in preparing such a good bunch. Meddler's Maid, a gilt owned by Messrs. Stryker Bros., of Fredonia, Kan., by the noted champion of the world, Meddler, out of Corrector's Beauty 278964, she by old Corrector, the \$5,000 champion, brought the neat price of \$100, going to Mr. J. E. Thompson, of Fredonia, Kan. Fourteen Duroc Jerseys made an average of \$22.50. In the Berkshire class Mr. H. E. Bachelder, of Fredonia, Kan., topped the sale with three gilts by Queen's King 79013 out of Olivia 90091 they going to Mr. R. C. Flanagan, of Ochelata, Ind. Ter., for \$100.50. The sale was conducted in a very satisfactory manner, Colonels Bellows, Snyder, Burger and Sheets officiating. Below will be found a list of the most important sales:

SHORT-HORNS.

Sales that brought more than \$50:	
Lot.	Price.
1. J. E. Thompson, Fredonia, Kan.	\$25.00
2. S. C. Osborne, Sigmora, Kan.	70.00
3. T. R. Brooks, Parsons, Kan.	62.50
4. H. M. Hill, Lafontaine, Kan.	52.50
5. Same	65.00
6. J. E. Thompson	60.00
7. Same	55.00
8. G. S. Baker, Coffeyville, Kan.	65.00
9. Geo. Gartner, Coffeyville, Kan.	52.50
10. W. P. Plummer, Coffeyville, Kan.	67.50
22. Knotts Bros., Wayside, Kan.	65.00

23. Geo. Gartner	87.50
25. G. S. Baker	67.50
26. Geo. Gartner	50.00
24. J. E. Thompson	75.00
27. Same	75.00
29. Geo. Gartner	60.00
30. D. O. Cripps, Elk City, Kan.	100.00
31. B. H. Jeter, Elk City, Kan.	82.50
32. I. L. Swinney, Lafontaine, Kan.	80.00
33. Knotts Bros.	100.00
34. Fred Bolton, Elk City	55.00
35. J. E. Thompson	50.00
37. S. C. Osborne	57.50
39. Knotts Bros.	65.00
40. M. A. Green, Coffeyville, Kan.	65.00
43. E. O. Scott, Coffeyville, Kan.	60.00

SUMMARY.
39 head \$2,182.50; average.....\$56.00

HEREFORDS.

Sales that brought more than \$40:	
Lot.	Price.
5. Doc King, Neodesha, Kan.	\$40.00
7. Same	75.00
10. Sam Drybread, Elk City, Kan.	80.00
11. James McKenna, Coffeyville, Kan.	40.00
12. Cecil Hines, Mound Valley, Kan.	45.00
13. Same	60.00
15. Same	45.00
20. Doc King	40.00
30. C. E. Hildreth, Altamont, Kan.	80.00
37. Cecil Hines	47.50
37. Same	52.50
38. A. P. Field, Coffeyville, Kan.	55.00

SUMMARY.
13 head \$695.00; average.....\$54.20

POLAND CHINAS.

Sales that brought more than \$20:	
Lot.	Price.
1. J. B. Hutter, Cherryvale, Kan.	\$22.00
2. John F. Smith, Calagat, Ind. Ter.	20.00
3. J. E. Thompson, Fredonia, Kan.	100.00
4. S. M. Barriger, Coffeyville, Kan.	22.00
5. A. U. Hadsell, Coffeyville, Kan.	44.50
6. W. C. Huffman, Talala, Ind. Ter.	32.00
7. E. J. Burton, Coffeyville, Kan.	25.00
8. S. M. Barriger	30.00
9. J. H. Downing, Coffeyville, Kan.	23.50
10. M. E. Ingmier, Coffeyville, Kan.	21.00
11. E. T. Dungan, Coffeyville, Kan.	21.50
13. L. Davidson, Valeda, Kan.	24.00
14. A. U. Hadsell	30.00
15. S. M. Barriger	29.00
16. Same	30.00
19. John Shile, Deering, Kan.	45.00
20. T. Black, Coffeyville, Kan.	51.00
22. Same	32.50
25. M. E. Ingmier	20.00
26. J. P. Sudderth, Nowata, Ind. Ter.	27.50
27. R. H. McWhorter, Cherryvale, Kan.	39.00
28. T. Black	33.00
29. C. P. Harvey, Morehead, Kan.	22.50
32. W. C. Huffman	30.00
39. S. M. Barriger	27.00
41. Joe Remhardt, Nowata, Ind. Ter.	25.00
46. J. P. Sudderth	25.00
50. B. Sanders, Vinita, Ind. Ter.	30.00
53. E. W. Thompson, Edna, Kan.	27.50
54. Price Curry, Coffeyville, Kan.	40.00

SUMMARY.
54 head \$1,290.50; average.....\$23.90

BERKSHIRES.

Sales that brought more than \$20:	
Lot.	Price.
56. W. W. Whitley, Nowata, Ind. Ter.	\$30.00
57. Same	30.00
58. A. Nance, Wan, Ind. Ter.	28.00
59. R. C. Flanagan, Ochelata, Ind. Ter.	33.50
61. Same	33.50
62. Same	33.50

SUMMARY.
8 head \$219.50; average.....\$27.40

DUROC JERSEYS.

Sales that brought more than \$20:	
Lot.	Price.
62. J. B. Heady, Nowata, Ind. Ter.	\$20.00
63. M. S. Cusick, Wayside, Kan.	20.00
66. J. D. Canary, Caney, Kan.	26.00
67. J. W. Gregg, Nowata, Ind. Ter.	25.00
68. J. D. Canary	26.00
70. M. H. Gardner, Coffeyville, Kan.	20.00
71. J. D. Raley, Nowata, Ind. Ter.	24.00
72. J. B. Heady	24.00
73. R. S. Wilson, Coffeyville, Kan.	50.00
74. Jasper Swan, Coffeyville, Kan.	21.00

SUMMARY.
14 head \$315.00; average.....\$22.50

Great Combination Hereford Sale at South Omaha, January 9th.

On January 9th, at South Omaha, Neb., will be offered one of the best lots of Hereford cattle to be sold anywhere in the West this year. It will be a chance of a lifetime for those interested in this breed of cattle to secure the very best that seven great herds can produce. There will be fifty head in all, consigned by such well-known breeders as Messrs. W. N. Rogers, of McCook, Neb.; W. W. Wheeler, of Harlan, Iowa; E. J. Elliott, of Sutherland, Iowa; E. N. & A. L. Allen, of Cambridge, Neb.; Z. T. Kinsell, of Mt. Ayr, Iowa; Emil Hoffmeyer, of Stanton, Neb., and Woods Bancroft & Heing, of Madison, Neb. Taking into consideration the men that are offering this grand lot we feel confident in encouraging anyone who is in the market for choice animals to attend this sale. Mr. W. W. Wheeler will consign five head, including the grand yearling bull, Gay Wilton 5th by Gay Wilton, the 2,500-pound son of old Anxiety Monarch, and having for his dam Imp. Lady Horace 2d, a 1,900-pound cow in her everyday clothes. This bull is the only one Mr. Wheeler ever raised that weighed over 100 pounds per month. He is a show animal in every respect and should go to some good herd. Mr. Wheeler also consigns the three-year-old bull, Prosper, by Perfection Yet by old Perfection, which he considers a great prospect for a herd header. The female offering is a good one, including the great cow, Edna, due to calve in May, also the two-year-old heifer, Bessie, a granddaughter of Lamplighter, that will calve in February. Fashion 7th is a fine two-year-old granddaughter of Improver that is a great attraction in this sale. Mr. E. J. Elliott, of Sutherland, Iowa, offers five females and three bulls which he considers a choice lot. He offers the good two-year-old bull, Allright II. E. 228070, a low-down, blocky fellow with deep, rich color, broad back and good side lines, and a bull that is bred nearly the same as the International champion bull this year. Mr. Elliott also offers a richly-bred cow by Anxiety Wilton by Anxiety 3d. Three of the cows are daughters of the great bull, Allright. Messrs. E. N. & A. L. Allen, of Cambridge, Neb., offer ten head, five yearling bulls sired by Grove Brummel, a son of Beau Brummel. These bulls are good, strong, blocky fellows and should go to good herds. They also offer

five good cows, daughters of such great bulls as Hardy, Anderson and others. Messrs. Woods, Bancroft & Heing, of Madison, Neb., consign five good cows, including the good cow, Lobelia, out of a son of Ancient Britton. Her dam was by a son of Lord Wilton. She is richly bred and has a fine cow calf at foot. They also offer the three-year-old cow, Percy, by Anselmo, a grandson of Beau Brummel, her dam by Ruppert by Gentry Britton. They also offer two daughters of Mignon, a son of Beau Brummel, and out of Gentry Britton cows. These cows are all safe in calf to Gay Donald 186476 by Beau Donald 7th by Beau Donald. The consignment of Mr. Z. T. Kinsell, of Mt. Ayr, Iowa, consists of eight good bulls and two females. The females are daughters of Advancer by March On and are safe in calf to the great sweepstakes bull, McKinley. Six of these grand bulls are sons of Advancer and one by Anxiety Elmo 3d by St. Elmo of Shadeland by Garfield, the champion bull of England, and having for his dam Henrietta by Lord Wilton. Mr. Emil Hoffmeyer, of Stanton, Neb., will offer four head of good young bulls that he considers are right in every respect, having both breeding and individuality, which will be shown sale day. In the Rogers consignment will be included some of their very best show and breeding stock. They will offer for an attraction the great cow, Queen 4th, the first-prize cow as a two-year-old at Lincoln in the Nebraska state special. She is a daughter of Anxiety Monarch and safe in calf to Beau Donald 25th, the bull that was good enough to win a championship three years in succession at Lincoln, Hutchinson and Pueblo fairs. Don't forget this cow, as she is a grand individual and the way she is bred should produce something extra good. They also offer the two-year-old heifer, Monarch's Maid 14th, a daughter of old Monarch of Shadeland 3d, the largest bull in America, weighing 3,000 pounds in show condition. A half sister to this heifer sold for \$525 and we have cause to believe she is as good as the one sold. She is safe in calf to Beau Donald 28th. Monarch's Maid, a fine two-year-old heifer by Monarch of Shadeland 3d, will be included in the sale and we can recommend her to anyone looking for a good one, and she will be safe in calf to Beau Donald 28th. To those looking for something of show-yard type we wish to say that the two-year-old heifer, Shadeland's Maid, is a hummer. She is a 1,300-pound two-year-old and one of those mellow, low-down, blocky kind that would attract the eye of any breeder. She is a daughter of Jury, dam Maggie Wilton by Anxiety Wilton, and is safe in calf to Beau Donald 28th. The bull offering is extra good. In saying this we feel confident you will agree with us on sale day. They will offer the great yearling calf, Beau of Shadeland 25th, by Beau Donald 28th, which bids fair to make as grand a bull as his sire. His dam was June of Shadeland 2d by Earl of Shadeland 12th by Garfield, champion bull of England. He is a full brother to the heifer, Shadeland's Maid 25th, which as a calf won five blue ribbons in five good shows and was a member of their undefeated show herd. This youngster is a show calf and we feel that it would be hard to write a better pedigree than will go with him. They will also offer a two-year-old son of Jury, dam Grove Maid 2d by Anxiety Monarch. This bull is an extra good, strong fellow of much substance and quality and would be quite a factor in some good herd. Taking the consignment as a whole we feel confident that as choice a bunch of cattle will not go through the sale ring this year, as every consignor is putting in nothing but the very best. Catalogs are now ready and can be had by addressing Mr. W. N. Rogers, of McCook, Neb., who will manage the sale.

WINTER VISITORS. WEEK END RATES.

Commencing November 3d, and each Saturday and Sunday thereafter until December 16th and from January 5th to March 31st THE CHICAGO, GREAT WESTERN RAILWAY will sell tickets to points in Iowa at one fare for the round trip good to return until Monday following. Rates apply to points as far north as Bristow, New Hampton and Oneida and south as far as Blockton. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Ia.

ONE WAY SETTLERS' RATES.

To points in Nebraska, eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas and Louisiana, etc., the Iowa Central railway will place on sale on the first and third Tuesdays of each month, November to March, inclusive, one way tickets at extremely low rates for benefit of homeseekers and settlers. Through rate will be only two dollars (\$2.00) higher than half fare. Don't fail to call on Iowa Central agents for full particulars as to rates, etc., or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

SPECIAL RATES.

On Saturdays and Sundays from December 16th and January 5th to March 31st the Chicago Great Western Railway will sell winter visitors week end tickets to points 150 miles distant up to and including all stations within fifty miles of St. Paul and Chicago at rate of one fare plus \$2 for the round trip. Tickets limited to seven days, with privilege of extension on payment of one-third of regular one-way rate. Short-limit tickets to nearly all stations on sale at all stations Saturdays and Sundays at one fare for the round trip. Tell your friends about it and have them come and visit you. Full information from E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

LOW RATES TO THE SOUTHEAST

Commencing December 15th and on the first and third Tuesdays of each month thereafter until March, 1907, the Chicago Great Western Railway will sell one-way colonist tickets at nearly half fare to points in Alabama, Louisiana and Mississippi. For further information apply to E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

HOLIDAY EXCURSION RATES.

On December 20th, 21st, 22d, 23d, 24th, 25th, 30th, 31st and January 1st, the Iowa Central will sell round trip excursion tickets at rate of one and one-third fare, limited for return to and including January 7, 1907. For particulars and folders call on agents.

LANDS AND HOMES FOR SALE

THE BEST DEAL YET

offered to the actual HOMESSEEKER is that given by The Duluth and Iron Range Railroad Company in placing on the market its agricultural lands in MEADOWLANDS SETTLEMENT, St. Louis county, Minn. The terms to actual settlers beat any monthly payment plan offered. We want settlers, not speculators. Write for map and full information to Land Commissioner D. & I. R. R. Co., 525 Wolvin Bldg., Duluth, Minn.

TEXAS LAND.

ARE YOU INTERESTED?

WE have for sale lands in the Texas Panhandle, on the line of R. R. all the way from Oklahoma to New Mexico, from 1/4 section to 10,000 acres, at prices ranging from \$5 to \$20 per acre. Why go from 10 to 40 miles from R. R. to buy lands when you can buy it at the same price along the railroad—and frequently near large towns? Stop and give this question your attention, and write to us or call and see us. Correspondence solicited. Join our next excursion for Texas.

BOYER & PETERSON,
Texas Land Dealers,
403-410 Gumbel Bldg., Kansas City, Mo.

LET ME SELL YOUR FARM, HOME OR BUSINESS.

NO matter where located, or the price. If you want a quick sale, send description and the price. If you want to buy write me your wants. We can make you money in buying or selling.

GLENN REALTY CO.,
349 Kansas City Life Building,
Kansas City, - Missouri.

FOR SALE---800 ACRES.

300 ACRES in cultivation, 500 acres in grass; fine water, tanks, hydrants, windmill, etc.; good feed lots, orchard, large 8-room house, tenant house, two large barns, three large cribs, implement house, granary and other buildings; 10 miles from Emporia, close to good little town. Price \$35.00 per acre. Write for our list.

WILLIS & CO., Agents,
Emporia, - Kansas.

All Around Stock and Grain Farm

345 ACRES, 210 acres in cultivation, rest in pasture and timber; 3 springs, excellent water; all well fenced; good, large house, 9 rooms, barn, small tenant house; 6 acres in orchard; 3 miles to town, located close to two railroads; 3 hours' ride to Kansas City; price \$27.50 per acre; part time. Write for full description, plat and photographs taken on place.

HOWELL REALTY COMPANY,
310 Shukert Bldg.,
1115 Grand Ave., - Kansas City, Mo.

For Sale, a Farm of 800 Acres

ONE mile from center of town. About 40 acres natural timber, fine orchard, good house, granary, etc.; running water on place. A great bargain if taken soon. Box 223, Wellington Springs, S. D.

THE MARKETS.

Chicago, Dec. 22.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Dec. 15.....	177	56	9,835	583
Mon., Dec. 17.....	34,758	1,566	29,992	34,126
Tues., Dec. 18.....	8,321	1,624	18,697	12,556
Wed., Dec. 19.....	23,361	3,055	30,497	15,509
Thurs., Dec. 20.....	8,106	1,338	30,954	12,743
Fri., Dec. 21.....	2,993	532	35,582	7,069
Sat., Dec. 22.....	200	50	18,000	2,000

Total this week...77,739 8,165 163,722 84,003
Previous week...75,860 6,350 155,360 128,360
Cor. week 1905...78,437 6,745 190,892 62,241

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., Dec. 15.....	756	...	1,086	3,620
Mon., Dec. 17.....	6,346	5	6,791	2,803
Tues., Dec. 18.....	3,949	23	1,185	3,486
Wed., Dec. 19.....	5,387	132	2,975	3,579
Thurs., Dec. 20.....	6,947	112	3,857	2,652
Fri., Dec. 21.....	4,639	141	3,914	1,375
Sat., Dec. 22.....	500	10	1,500	2,000

Total this week...27,768 423 19,222 15,895
Previous week...26,325 412 18,145 31,631

OTHER MARKETS.

South St. Paul, Minn., Dec. 22.—Hogs—Receipts, 2,700; steady; light mixed, \$6.00. Cattle—Receipts, 400; steady. Sheep—Receipts, 600; steady.

South Omaha, Neb., Dec. 22.—Cattle—Receipts, 200; unchanged. Hogs—Receipts, 7,000; weak to 5c lower; top, \$6.15; bulk, \$6.05 @ 6.10. Sheep—Receipts, 100; market steady.

Sioux City, Iowa, Dec. 22.—Hogs—Receipts, 3,400; shade lower; range, \$5.95 @ 6.10; bulk, \$6.00 @ 6.05. Cattle—Receipts, 100; steady.

Kansas City, Mo., Dec. 22.—Cattle—Receipts, 1,000; steady. Hogs—Receipts, 4,000; steady to strong; top, \$6.27 1/2; bulk, \$6.17 1/2 @ 6.22 1/4. Sheep—Receipts, 2,300; nominal.

St. Joseph, Mo., Dec. 22.—Cattle—Receipts, 500; steady. Hogs—Receipts, 5,000; steady to strong; top, \$6.25; bulk, \$6.15 @ 6.20. No sheep.

Falfurrias

Artesian District in the
Gulf Coast Country
Southern Texas

117,000 Acres

Richest Sandy Loam

Farm, Fruit and Garden Land.

We are building new railroads. We are building new towns. We have many excellent opportunities for those who go to Texas with us now. Do not wait. Make your arrangements to go with us on January 1st, our next excursion, for these opportunities will not be open long.

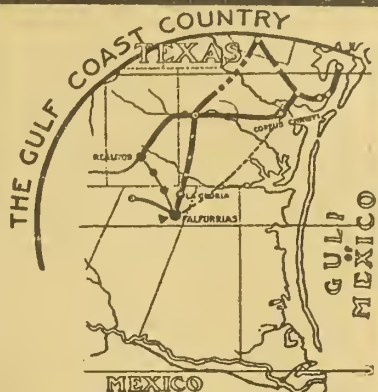
Our farmers make from \$50 to \$300 crops per acre. Two or three crops same year on same land.

Land sells now \$15 to \$30 per acre. Terms one-third cash, balance in one and two years.

Write Today for Literature and Latest Map of Texas, Free.

FALFURRIAS IMMIGRATION CO.,

No. 3 West 10th St., Kansas City, Mo. INVESTORS AGENT AND COLONIZERS. LARGE TRACTS FOR INVESTORS.



THIS WINTER

will probably cause you to decide that you will look up a location where you can be sure of a better climate.

THE BIG BEND COUNTRY OF EASTERN WASHINGTON

offers you the place possessing this advantage, as well as many others. Wonderfully productive soil for grain, fruit and vegetables. Freedom from destructive wind and electrical storms. Arrange to come and see this country as soon as possible. Land prices are bound to advance. Railroad fare refunded to purchasers. Write at once for illustrated pamphlet.

THE BIG BEND LAND CO.,
Dept. 1 WILBUR, WASH.

FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.
Larimore, - - - - - Capital and Surplus, \$250,000.00.
NORTH DAKOTA.

A FARM BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES, 4 1/4 miles from Osage City, Kan.; 45 acres in cultivation, 40 acres hay land, 1 acre orchard, 2 acres timber. Balance in pasture; 140 acres of this farm can be cultivated, balance is a little broken and has some stones, but is the very best of pasture; hay land is all smooth and would make a fine field. Soil is a black, sandy loam of the very best quality, no bad ground on place; 6 room house in good condition, barn for 8 horses, with loft; cow barn, cattle shed, buggy shed, corn crib, hen house; plenty of good water; nice gravel around house; 1 1/2 miles to school. Fine location on main traveled road. This is one of the best all-around farms in Osage Co., Kan. No trades considered. One-half cash, balance on time. Price \$40 per acre. Send for our list of Osage Co., Kan., farms for sale.

Olander & Rapp, Osage City, Kan.

25,600 Acres TEXAS LAND

WE will sell as a whole, or in part from one section up, the forty sections of land controlled by us located in that portion of Texas being brought into prominence by the building of new railroads. This land is not in the Panhandle, nor on the coast. If you are interested in getting the best; where every acre is a perfect one; where fine wholesome water can be obtained at from 10 to 30 feet, then write at once for full description, prices, terms, plat and state map of Texas free.

UNITED STATES & MEXICAN TRUST COMPANY,
Land Department,
101 Bryant Bldg. KANSAS CITY, MO.

A BARGAIN: Eighty-acre improved farm. All under cultivation; 2 1/2 miles from Anoka, 13 miles from Minneapolis, school half mile, fine water, no stone, all fenced. Price, \$2,800; easy terms. Address owner, Chas. McGraw, Route 3, Anoka, Anoka County, Minn.

Virginia Farms and Homes.

FREE CATALOG of Splendid Bargains.
R. B. CHAFFIN & CO., Inc., Richmond, Va.

TO EXCHANGE: Two registered draft and one head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 143, Independence Iowa.

LET ME SELL YOUR FARM, HOME OR BUSINESS

No matter where located, for cash, in less than 90 days. I have hundreds of buyers and keep in touch with them through 1,500 agents. The man who will buy your place is on my list—do you want to meet him? Send description and price of your property quick. Address

412 Brace Bldg. A. EDGAR DAVIS, Lincoln, Neb.

740 ACRES, Chautauque County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for all. Will sell on favorable terms or will take good small farm or other property in part payment. BOX 151, INDEPENDENCE, IOWA

LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

FOR SALE, RENT, OR EXCHANGE.

320 or 640 acres in Wilkin county, Minnesota; good, level land, excellent location. 240 or 268 acres, Dunn county, Wisconsin, good stock farm. For terms and descriptions, write The Northern Iowa Land Co., Independence, Iowa.

FARMS FOR RENT. Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. Northern Iowa Land Co., Independence, Ia.

IOWA FARMS FOR SALE Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

The CANADIAN West is The Best WEST



THE testimony of tens of thousands during the past year is that the Canadian West is the best West. Year by year the agricultural returns have increased in volume and value and still the Canadian Government offers 160 acres free to every bona fide settler.

GREAT ADVANTAGES

The phenomenal increase in railway rates;—main lines and branches—has put almost every portion of the country within easy reach of churches, schools, markets, cheap fuel and every modern convenience. The ninety million bushel wheat crop of this year means a \$10,000,000 to the farmers of Western Canada, apart from the results of other grains as well as from cattle.

For literature and information address

Superintendent of Immigration

Ottawa, Canada,

or the authorized Canadian Government Agent,

W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.

E. T. Holmes, 816 Jackson St., St. Paul, Minn.

5 FREE BOOKLETS. FARMING IN CALIFORNIA.

Intensely interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$100 on alfalfa. Dairying and stock raising are extremely profitable. Grain and vegetable products pay \$80 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160-acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

California Farmland Company,
68 GROSSE BLDG., LOS ANGELES, CAL.

SOUTHERN Saskatchewan Lands.

SOUTHERN SASKATCHEWAN where they raise 45 to 60 bushels per acre of wheat and get 60 cents per bushel, you can pay for your land in one year. In early spring a strong Iowa syndicate will sell to Iowa people a large body of the very choicest land in Southern Saskatchewan. Good water and rich soil. Send me your name now so you can become familiar in every way with our proposition. A good, honest plan, where you can absolutely make a profitable investment.

C. C. PUGH,
310 Crocker Bldg., Des Moines, Ia.

IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY,
Laurens, - - - - - Iowa

WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

800 ACRES, Keith County, Nebraska, six miles from Ogalala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment. BOX 81, INDEPENDENCE, IOWA

BARGAIN—244 acres 3 miles from Emporia; 200 acres bottom, 65 in cultivation, 45 meadow, 10 in alfalfa, balance timber and pasture; good feed lots; house of 9 rooms, cellar, fine water, 2 good barns, cribs, chicken house, hog house, windmill and tanks; 1/2 mile to school. Price \$75 per acre. Willis & Co., Emporia, Kan.

FOR SALE OR EXCHANGE: 240-acre eastern Texas peach and pear orchard, 2 miles of good growing city of 18,000 population. Owner will sell on easy terms or exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

In Beautiful Artesian Valley. With its water, alfalfa, great crops, cheap lands, we're waiting for you. Grasp this opportunity. Write to Miller & James, Mende, Kansas.

FARMS WANTED, in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stables, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free.
BAZEL J. BEEK,
Chillicothe, Missouri.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

FARMS FOR RENT AND SALE on crop payments. J. MULHALE, Sioux City, Iowa.

Dates Claimed for Live Stock Sales.

DUROC JERSEYS.

Jan. 11, Fairchild & Stevenson, Onawa, Iowa.
 Jan. 12, Hood & Baker, Dunlap, Iowa.
 Jan. 15, A. L. Bergsten, Mt. Union, Iowa.
 Jan. 16, W. W. Wheeler, Harlan, Iowa.
 Jan. 16, S. G. Colliott, Lake City, Iowa.
 Jan. 17, W. H. Hudson, Lovellville, Iowa.
 Jan. 17, McNeil Bros., Bowen, Ill.
 Jan. 17, John Hammer, Greenwood, Neb.
 Jan. 18, C. E. Olsen, Colon, Neb.
 Jan. 18, E. M. Castle & Son, Joy, Ill.
 Jan. 19, August Voge, Portsmouth, Iowa.
 Jan. 19, Jacob Wernsman, Cedar Bluffs, Neb.
 Jan. 21, J. E. Rowe, Stockham, Neb.
 Jan. 21, M. A. Cromwell, Gilbert Station, Ia.
 Jan. 21, Grant Hockett, Manning, Iowa.
 Jan. 22, G. W. Pest, York, Neb.
 Jan. 22, Hanks & Bishop, New London, Iowa.
 Jan. 22, Jno. Weighton, Audubon, Iowa.
 Jan. 23, Frank Laird & Son, York, Neb.
 Jan. 23, J. A. Smith, Sciota, Ill.
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.
 Jan. 23, Peek & Putman, Teunseh, Neb.
 Jan. 23, Aug. Sonnefeld, Harlan, Iowa.
 Jan. 24, C. McCarthy, Henderson, Neb.
 Jan. 24, Stansell & Metern, McNabb, Ill.
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.
 Jan. 24, Bell & Cooper, Ferris, Ill.
 Jan. 24, Gus A. Pederson, Okecheydan, Iowa.
 Jan. 24, Paul Groupe, Tecumseh, Neb.
 Jan. 25, F. E. Garrett, Lohrville, Iowa.
 Jan. 25, N. B. Cutler, Carthage, Ill.
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.
 Jan. 29, Grant Chaplin, Green, Kan.
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.
 Jan. 29, Claude Huffman, Scranton, Iowa.
 Jan. 30, S. R. Quick & Son, Gosport, Ind.
 Jan. 30, J. O. Hunt, Maryville, Kan.
 Jan. 30, J. C. Dauner, Yale, Iowa.
 Jan. 30, O. E. Osborn, Weston, Iowa.
 Jan. 31, Combination Sale, Martinsville, Ind.
 Jan. 31, C. E. Pratt, Frankfort, Kan.
 Jan. 31, R. J. Harding, Carson, Iowa.
 Jan. 31, Norrish & Pevington, Kingsley, Iowa.
 Feb. 1, Clarence Beavers, Holmes, Kan.
 Feb. 1, W. A. Rankin, Carson, Iowa.
 Feb. 1, H. R. Bell, Lawton, Iowa.
 Feb. 2, John Fultz, Marysville, Kan.
 Feb. 4, Roy West, Bondurant, Iowa.
 Feb. 4, Austin Renshaw, Blair, Neb.
 Feb. 5, Manley & Co., Lyons, Neb.
 Feb. 5, Sundburg & Olson, Madrid, Iowa.
 Feb. 5, Henry Weber, Friend, Neb.
 Feb. 5, Frank Alldritt, Friend, Neb.
 Feb. 6, E. Z. Russell, Blair, Neb.
 Feb. 6, W. R. Bennethum, Madrid, Iowa.
 Feb. 6, J. H. Husman, Exeter, Neb.
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.
 Feb. 7, H. S. Allen, Russell, Iowa.
 Feb. 7, A. F. Sundell, Paton, Iowa.
 Feb. 8, T. H. Isaac, Red Oak, Iowa.
 Feb. 8, E. R. Wood, Jefferson, Iowa.
 Feb. 8, O. Osborn, Maxwell, Iowa.
 Feb. 9, W. J. Hartung, Maxwell, Iowa.
 Feb. 10, Arch Brown, Waterloo, Neb.
 Feb. 11, J. Stroh, Dewitt, Neb.
 Feb. 11, S. P. Freed, Ames, Iowa.
 Feb. 11, J. A. Teter, Remington, Ind.
 Feb. 11, Geo. Schwab, Clay Center, Neb.
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.
 Feb. 12, John M. Morrison & Sons, College View, Neb.
 Feb. 12, H. Riggan & C. T. Rodgers, Petersburg, Ill.
 Feb. 12, A. P. Alsin, Boone, Iowa.
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.
 Feb. 13, C. W. Huff, Mondamin, Iowa.
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.
 Feb. 13, Ira Jackson, Tipton, Ia.
 Feb. 13, T. E. Laurie, Jacksonville, Ill.
 Feb. 13, B. C. Marks, Polk City, Iowa.
 Feb. 13, Bill East & Son, Clay Center, Neb.
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.
 Feb. 14, Gilbert Van Patten, Sutton, Neb.
 Feb. 14, E. W. Hale, Ladonia, Mo.
 Feb. 14, White Hall, Yellow Springs, Ohio.
 Feb. 15, Geo. Briggs & Son, Clay Center, Neb.
 Feb. 15, Carl Hansen, Herman, Neb.
 Feb. 15, Marvin & Applegate, Shelby, Mo.
 Feb. 15, John Justice, Ankeny, Iowa.
 Feb. 15, A. W. Harris & Son, Morganfield, Ky.
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.
 Feb. 16, B. F. Roberts, Hebron, Neb.
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.
 Feb. 16, Clark & Tryon, Wausau, Neb.
 Feb. 18, John Lydon, Beldon, Neb.
 Feb. 18, A. E. Poush, Charlton, Iowa.
 Feb. 19, J. H. Habenticht, Clare, Iowa.
 Feb. 19, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.
 Feb. 20, White & Dewey, Shannon City, Ia.
 Feb. 20, John Black, Randolph, Neb.
 Feb. 20, S. P. Briggs, Seward, Neb.
 Feb. 21, E. J. Brown, Osceola, Neb.
 Feb. 21, B. R. Miller, Randolph, Neb.
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.
 Feb. 22, A. M. Avery and Geo. H. Purdy, Meson City, Iowa.
 Feb. 22, R. C. Holmes, Osmond, Neb.
 Feb. 22, W. A. Tawney, Pierce, Neb.
 Feb. 22, W. L. Addy & Son, Parnell, Mo.
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.
 Feb. 22, O. E. Mickey, Osceola, Neb.
 Feb. 23, S. R. Murphy, Savannah, Mo.
 Feb. 25, Wm. Stanstead, Holdrege, Neb.
 Feb. 25, Saw Sale, W. A. Staples & Sons, Glidden, Iowa.
 Feb. 26, M. A. Schiers & Son, Huntley, Neb.
 Feb. 26, Geo. C. Biessing, Homer, Neb.
 Feb. 26, W. D. Pittman, Lake City, Iowa.
 Feb. 26, G. J. Mack, Clarion, Iowa.
 Feb. 27, S. J. Tillman, Ragan, Neb.
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.
 Feb. 28, Geo. Karchner, Wilcox, Neb.

GRAND CHAMPION DUCRO CIRCUIT.

Jan. 31, H. B. Griffiths, Bowen, Ill.
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.
 Feb. 2, Thomas & Hoggset, Golden, Ill.
 Feb. 5, Fagan, Brownling, Hess & McCabe, Hersman, Ill.
 Feb. 6, Ed A. Baxter, Pawnee, Ill.
 Feb. 7, Fred Kraschel & Son, Macon, Ill.
 Feb. 8, T. W. Stoner & Son, Henry, Ill.

THE ONLY WAY DUCRO CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.
 Feb. 20, John Schroeder & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.
 Feb. 21, Frank M. Erschen, Odell, Ill.
 Mar. 1, C. C. Warren, Wilcox, Neb.
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

Dates Claimed for Live Stock Sales.

SHORT-HORNS.

Jan. 11, W. J. McLean, Rock Valley, Iowa.
 Jan. 16, Geo. Bonewell & Jas. Duffus, Grinnell, Iowa.
 Jan. 21, Combination sale, at Red Oak, Iowa.
 Jan. 21, Jno. M. Bixler, Mgr., Corning, Iowa.
 Jan. 26, John Black, Randolph, Neb.
 Jan. 29, F. A. Edwards, Webster City, Iowa.
 Feb. 6, Geo. H. Miller, Harlan, Iowa.
 Feb. 7, A. B. Garrison, Beatle, Kan.
 Feb. 20, J. M. & J. C. Robison, Towanda, Kan.
 Feb. 21, J. Lefebure, Fairfax, Iowa.
 Feb. 23, Estate of Patrick Gleeson, Oakland, Neb.
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.
 March 14, W. M. McEmore, Kearney, Neb., at Edgar, Neb.
 March 14, A. Carrier & Son, Newton, Iowa.
 March 18, W. H. McLaughlin, Shelby, Iowa.
 Mar. 20, James Stack, Harvard, Neb.
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.
 May 28, Walter Teel, Rushville, Ill.
 June 4, Milton E. Jones, Williamsville, Ill.

ABERDEEN ANGUS.

Jan. 16, H. J. Hess, Waterloo, Iowa.
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.
 Mar. 7, C. H. Seibel, Paton, Iowa.
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.
 May 28, C. J. Martin, Churdan, Iowa.
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

HEREFORDS.

Jan. 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 Jan. 15, Holt Bros., Laurel, Neb.
 Feb. 1, F. W. Hann, et al., Harlan, Iowa.
 Feb. 9, W. H. Leslie, Auburn, Iowa.
 Feb. 14, Peter Mouw, Orange City, Iowa.
 Feb. 21, J. M. & J. C. Robison, Towanda, Kan.
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.
 June 18, Hood & Beker, Dunlap, Iowa.

SHORT-HORNS AND DUCRO JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.
 PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.
 Feb. 19, J. M. & J. C. Robison, Towanda, Kan.

REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.
 JACKS AND JENNETS.

Mar. 5, L. M. Monsees & Sons, Smithton, Mo.
 THOROUGHbred HOGS AND CATTLE.

POLAND CHINAS.

Jan. 8, E. H. Andrews, Kearney, Neb.
 Jan. 12, H. C. Dawson & Sons, Endicott, Neb.
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.
 Jan. 29, Geo. Regennitter, Bennett, Iowa.
 Jan. 29, Snyder Bros., Winfield, Kan., and Stryker Bros., Fredonia, Kan., at Fredonia.
 Jan. 30, C. A. Steel, Ogden, Iowa.
 Jan. 31, W. F. Garrett & Sons and Jno. H. Harvey & Son, Maryville, Mo.
 Feb. 2, Bert Fry, Plainfield, Iowa.
 Feb. 5, Henry Dorr, Remsen, Iowa.
 Feb. 6, A. B. Garrison, Beatle, Kan.
 Feb. 6, E. M. Jenkins & Son, Byron, Neb.
 Feb. 6, Shannon & Bock Bros., Storm Lake, Iowa.

Feb. 7, Bridgeford & Nesbitt, Aledo, Ill.
 Feb. 7, W. I. Toop, Auburn, Iowa.
 Feb. 8, T. J. Charles, Republic, Kan.
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.
 Feb. 11, Dan Needham, Woodward, Iowa.
 Feb. 12, H. H. Hess & Son, Surprise, Neb.
 Feb. 12, Jas. Watson, Madrid, Iowa.
 Feb. 12, Reubel Bros., Rockwell City, Iowa.
 Feb. 13, E. D. Kasey, Wiota, Iowa.
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.
 Feb. 15, Peter Mouw, Orange City, Iowa.
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.

Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.

Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.

Feb. 20, H. C. Neal, York, Neb.
 Feb. 20, W. J. Crow, Webb, Iowa.
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.

Feb. 21, W. N. Booth, Danbury, Iowa.
 Feb. 22, Chas. Cook, Danbury, Iowa.
 Feb. 22, J. M. & J. C. Robison, Towanda, Kan.
 Feb. 27, W. Wheeler, Harlan, Iowa.
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

March 26, J. E. Walker, Anita, Iowa.

SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

JACKS AND JENNETS.

March 1, W. J. Finley, Marshall, Mo.
 HOLSTEIN-FRIESIAN.

Feb. 14, H. C. Glisman, South Omaha, Neb.
 O. I. C. HOGS.

Feb. 6, 7, O. L. Kerr Est., Independence, Mo.
 Jan. 13, Allen Bros., Russell, Iowa.

SHORT-HORNS, HEREFORDS, ABERDEEN

ADERDEEN ANGUS AND POLAND CHINAS.
 March 27, J. H. Eno, Havelock, Iowa.

FIELD NOTES.

Good Percheron mares are offered for sale by Mr. Jesse S. Golder, of Scribner, Neb.

Mr. W. N. Booth, of Danbury, Iowa, offers a few well-bred Poland China boars for sale.

Chester Whites at farmers' prices are offered for sale by Mr. S. J. Philson, of Harlan, Iowa.

A few good Poland China boars are offered for sale by Messrs. Sandquist Bros., of Oakland, Neb.

One hundred choice Large Yorkshire gilts are offered for sale by Mr. F. Rabeller, of Leigh, Neb.

Messrs. Chandler Bros., of Kellerton, Iowa, have a few very choice Shropshire rams and ewes for sale.

Some good Chester White boars and sows are offered for sale by Mr. W. R. Webb, of Spencer, Iowa.

Mr. Gus A. Pederson, of Okecheydan, Iowa, is offering a splendid lot of Duroc Jersey boars for sale.

Fifteen good Poland China boars are offered for sale by Mr. E. O. Wolcott, of Gilmore City, Iowa.

Choice Hereford bulls of the richest breeding are offered for sale by Mr. Z. T. Kinsell, of Mt. Airy, Iowa.

Seven splendid young Aberdeen Angus bulls are offered for sale by Mr. Frank B. Paup, of Kirkman, Iowa.

Mr. M. L. Ayres, of Shenandoah, Iowa, has about twenty extra good Percheron stallions and mares for sale.

Some good Chester White gilts, bred or open, are offered for sale by Mr. J. M. Janssen, of Sibley, Iowa.

Six very choice Duroc Jersey boars at \$25 each are offered for sale by Mr. Z. T. Kinsell, of Mt. Airy, Iowa.

Fifteen Chester White boars and some sows and gilts are offered for sale by Mr. J. M. Janssen, of Sibley, Iowa.

Some very choice Percheron stallions and mares are offered for sale by Messrs. L. H. Humbert & Son, of Corning, Iowa.

A Duroc Jersey bred sow sale is announced to take place at Red Oak, Iowa, on February 8th by Mr. T. H. Isaac, of that place.

On February 21st Mr. J. Lefebure, of Fairfax, Iowa, will hold a public sale of Short-horn cattle and Chester White bred sows.

Messrs. Allen Bros., breeders of Chester White swine, of Russell, Iowa, announce a brood sow sale to take place on January 18th.

If you want a good Poland China boar at a reasonable price and from a reliable breeder, then write Mr. John Schmieder, of Remsen, Iowa.

Those of our readers who are wanting choice home-bred Percheron stallions should write to or go and see the Messrs. Rhea Bros., of Arlington, Neb.

One hundred choice Poland China boars are offered for sale by Dr. H. Pritchard, of Wisner, Neb. He is making special prices on these for the next thirty days.

Mr. W. J. Wendt, of Marcus, Iowa, offers some splendid Duroc Jersey boars for sale at special prices. If you have not bought a boar yet you can get a bargain of Mr. Wendt.

Mr. Grant Summers, of Malvern, Iowa, is offering about ten good Duroc Jersey boars for sale, among which are a couple of sons of the sweepstakes boar, Crimson Wonder Again.

Mr. D. H. Lewis, breeder of O. I. C. swine, of Geneseo, Ill., has a new advertisement on page 24 of this issue in which he announces a bred sow sale on February 2d, at which time he will sell fifty head.

Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, have forty choice Hereford bulls and forty bred heifers ranging in age from twelve months to two years, sired by prize winners, which they are offering for sale in their advertisement on page 25 of this issue of The Homestead.

Record number 238414: Horse heaving both ringbone and bone spavin purchased for \$10; purchaser treated him with Fleming's Spavin and Ringbone Paste, and declined \$150 for him later. Fleming's Vest-Pocket Veterinary Adviser free if you write to Messrs. Fleming Bros., 210 Union Stock Yards, Chicago.

Mr. A. C. Lenham, breeder of Poland China swine, of Battle Creek, Iowa, is offering fall and spring gilts bred to farrow in March and April to L. S. Sunshine and Onward, for sale in his advertisement which appears on page 28 of this issue. These gilts are sired by noted boars and are out of popular-bred dams. They are the kind that will make their purchasers money and will be sold very reasonable.

Mr. Grant Summers, of Malvern, Iowa, is offering ten good Duroc Jersey boars for sale. These are sired by Crimson Wonder Again, the Iowa State Fair sweepstakes boar, and by Lottic's Top Notcher, a son of the World's Fair boar, Top Notcher Again. He also has some sired by Top Notcher Again out of a Leather Stockings II. sow. Write him at once if you want a Duroc Jersey boar. He is pricing these within reach of anyone who wants a boar.

Mr. Gerald Wilcox, of McCook, Neb., wishes to announce through the columns of The Homestead that he has a choice lot of Duroc Jersey and Poland China bred sows to sell. They are the choice of this year's crop of 100 pigs and are a richly-bred lot. Most of his Duroc sows are sired by Jumbo Jim, an extra good son of Jumbo Red, the 1,030-pound hog. Others are sired by Eclipse 31683 by Iowa Prince, dam Lady Banker by Glendale. These young sows have been raised on alfalfa pasture and are in prime breeding condition. Most of the Poland China gilts are sired by Col. McCook 40457, a son of Expansion, that would be a credit to any man's herd. He is an extra large, broad-backed hog, with a bone that is hard to beat. The gilts from this hog will be bred to Chief Look, a son of King Look, this making him a half brother to Grand Look, the first-prize hog under eighteen months at Nebraska State Fair this fall. Mr. Wilcox has about 100 good sows for sale that can be bought in pairs or as many as you wish to buy. Write him in

regard to what he has and mention The Homestead.

If you want a blocky, thick-meated, red Scotch or Scotch-topped Short-horn bull of serviceable age, take advantage of the holiday rates and visit the Wildwood herd, owned by Mr. W. W. Vaughn, of Marion, Iowa.

Those who are interested in the milking Short-horn should, if looking for a herd bull, write to Mr. H. J. Hughes, of Trenton, Mo. Mr. Hughes is offering a number of rattling good youngsters, among which is the yearling son of the World's Fair champion cow, Rowena 2d.

On January 21st, at Red Oak, Iowa, will be held a combination Short-horn sale, with Mr. Jno. M. Bixler, of Corning, Iowa, as manager. Mr. Bixler writes us to say that there will be some very choice cattle in this sale, among which will be some straight Scotch. Watch for further particulars in later issues of The Homestead.

Eighteen large, growthy Chester White sows are offered for sale by Mr. F. A. Trumbauer, of Patterson, Iowa, in his advertisement which will be found on page 28 of this issue of The Homestead. These sows are of March and April farrow and will weigh from 200 to 250 pounds. They are all bred and safe in pig and will be sold at reasonable prices.

Mr. S. I. Welch, of Cherokee, Iowa, breeder of Duroc Jersey swine, writes: "I have a fine lot of gilts that are bred to a grandson of Crimson Wonder which I have just sold to Mr. A. K. DeJong, of Parker, S. D., for \$100. He is a long, massive pig, very smooth, heavy ham and bone, of fine color, of April 13th farrow and weighs in breeding condition close to 300 pounds."

Mr. S. P. Freed, breeder of Duroc Jersey swine, of Ames, Iowa, writes: "The Homestead readers have been good to me this fall taking my boars at satisfactory prices. I have a fine lot of gilts and fall yearlings being bred to Manley Orion 30925; Pride Advance, a son of Proud Advance, and Keep On, by Keep On 2d, which I intend putting in my sale February 11th. I think there are some as good gilts and sows in this offering as will go through the sale ring this winter." Mr. Freed's advertisement appears on page 30 of this issue.

Mr. S. S. Krebill, of Donnellson, Iowa, writing under recent date, says: "I am all sold out of boars. I have had to return several orders, the last boar I shipped being December 19th. My gilts are doing fine; they are of good color, lengthy, smooth coat of hair, well up on their toes, heavy bone and are of March and April farrow. They will weigh 200 pounds and over. They are all sired by a son of Tip Top Notcher 20729 and will mostly be bred for April farrow to a mature boar that I have just bought. The gilts are all out of large, matured sows."

Mr. E. J. Trumbauer, of Patterson, Iowa, breeder of Improved Chester Whites, writes: "My boars are all sold and about half of my gilts and sows. I still have some of the best of the herd left to sell. My gilts this year are exceptionally large and growthy and in the best of health and condition. I also have a few yearling and two-year-old sows to sell. Having sold my farm, all my hogs must be sold, and in order to do so soon I will name very low prices. Anyone wanting good hogs should avail themselves of this closing out sale and get the best to be had." See Mr. Trumbauer's advertisement on page 23 of this issue.

Mr. J. A. Shade, of the firm of Edmonds, Shade & Co., of Kingsley, Iowa, writes: "In our Duroc Jersey sale on February 7th we intend to offer the best bunch of brood sows that has ever been sold in northwestern Iowa. There will not be a poor sow in the entire offering and they will all be bred to prize-winning boars or sons of noted prize winners." We can testify to the above and want to add that there are few herds in the West today that can show as many first-class brood sows as will be found in this herd. Breeders will do well to mark this sale as one of the good ones of the year, and one that it will certainly pay them to attend.

Choice Scotch Collie pups, sable and white in color, three months old, from natural drivers, are offered for sale by Mr. D. W. Nickerson, of Marble Rock, Iowa, in his advertisement on page 14 of this issue of The Homestead. These puppies' sires and dams are registered, and they will be sold at a very reasonable price when their breeding is considered. Mr. Nickerson also has some Embden geese and White Holland turkeys, and Rose Comb Brown Leghorn cockerels for sale, the prices at which they can be purchased being named in the advertisement referred to.

Messrs. Bridgeford & Nesbitt, of Aledo, Ill., well-known breeders of Poland China swine, have a new advertisement on page 23 of this issue, offering fifteen head of growthy March and April boars for sale at reasonable prices. This firm have used some of the best boars the breed has known and many of our readers have been customers several years. Since the first of November Messrs. Bridgeford & Nesbitt have shipped over twenty-five head of spring boars and their customers are all well satisfied. They are not offering any more sows at private sale, as they have claimed February 7, 1907, as the date of their annual brood sow sale. If in need of a good Poland China boar, write to Messrs. Bridgeford & Nesbitt, kindly mentioning The Homestead.

A brood sow sale of Duroc Jersey swine is announced to take place on January 15th by Mr. A. L. Bergsten, of Mt. Union, Iowa, in his advertisement that will be found on page 24 of this issue of The Homestead. His offering will consist of about twenty-five extra good bred sows and gilts of unexcelled breeding. Mr. Bergsten, in sending in copy for his advertisement, writes: "My sows and gilts are all bred for my brood sow sale. Every one is in the pink of condition and are large and growthy. A number of the gilts are sired by Top Most 37433, he by Tip Top Notcher 20729. There is one litter by Indiana Boy, more than a half brother to Hanley, out of a Tip Notcher Again dam, that are extra good ones. I will offer four extra good spring yearlings and one good fall yearling. Some of the offering will be bred to Champion Paul 36043, the greatest son of Oom Paul, dam

Lady Finch by Gold Finch. Some are bred to Pink Top Notcher, a son of Tip Top Notcher, and a few to Handy Lad, he by Hanley, dam Gertrude A."

Mr. W. W. Vaughn, of Marion, Iowa, still has a few lengthy, strong-boned Chester Whites of April farrow and two yearling herd boars for sale, and is looking for orders for gilts to be shipped when safe in pig. Write him for prices. His advertisement appears on page 27.

On another page will be found the new announcement of Mr. Jos Steward, of Ames, Iowa. Mr. Steward has enjoyed a splendid boar trade through his advertisement in The Homestead, and now changes to brood sows bred. The advertisement tells the story on page 28. Mr. Steward can be relied on to deal squarely.

An eighty-acre improved farm is offered at a bargain by Mr. Chas. McGraw, of Anoka, Minn., in his advertisement that appears on page 21 of this issue. This farm is all under cultivation and is located two and one-half miles from Anoka, thirteen miles from Minneapolis, and will be sold on easy terms at the price mentioned in the advertisement.

Mr. Geo. S. Prine, of Oskaloosa, Iowa, writes: "I still have a few of those good, strong Berkshire boars that will please any pork producer as a cross on any herd. I am selling at prices that will move them. I am close to town and shipments are made promptly and correspondence is personally seen to." Mr. Prine's advertisement appears on page 25 of this issue.

Mr. Peter Hopley, of the firm of Messrs. Peter Hopley & Son, of Lewis, Iowa, sailed for Europe on December 15th and expects to return on February 1st with thirty head of Percherons, Belgians, Shires and Suffolks, and Mr. Hopley always buys the good ones. They now have a grand lot of two and three-year-old Percheron and Shire stallions on hand, and some extra good black and gray two-year-old Percherons, coming three, that are weighing from 1,900 to 1,950 and are certainly clinkers. They also have a grand lot of Shire stallions and some extra good two-year-old Suffolk fillies. They will be pleased to have any of our readers write them or come and see their horses.

Mr. A. L. Mossman, Duroc Jersey breeder of Radcliffe, Iowa, in remitting for advertising already done, writes: "I have sold about forty males in the last thirty days, shipping as many as six a day at different times. I am all cleaned up until I raise some more. I wish to thank my customers through the columns of your paper for their kind treatment. I have many letters of praise for the good male pigs I have shipped and not a complaint; not one. I have the best prospect for a great brood sow offering I ever had. The gilts weigh over 300 pounds now and are being bred to the best son of Ohio Chief, M. Iowa, and a good son of old Corcorator, the Niedlinger show and breeding hog, and A. L.'s Chief 4327, J. Wonder 42861 and another good boar of Top Notcher blood lines. Nothing but tops will go in my sale of January 29th. Col. F. F. Luther will be the auctioneer."

Messrs. P. S. & S. Barr, of Davenport, Iowa, write: "Our boar trade for choice Poland Chinas is good and we have several good vigorous fellows yet to please someone in need of such. They have good bone, are well formed, with good backs and quarters and were fed and raised for best results as breeders—plenty of clover and blue grass pasture, shorts, swill with some corn. We recently shipped boars to Messrs. J. Tasker, Wyoming, Iowa; D. Tolle, Eliza, Ill.; R. Galager, Reynolds, Ill.; E. Hiebs, Cedar Falls, Iowa; E. Rowell, Rutledge, Mo.; L. A. Wheelock, Tampico, Ill.; H. Nelson, Cordova, Ill.; B. Stevens, Orion, Ill., etc. We are also breeding a choice bunch of growthy gilts for trade this season. We can please in stock and price. We are located two miles northeast of the city, Jersey Ridge road." See Messrs. Barr's advertisement on page 23 of this issue.

Mr. T. A. Stevenson, of Shannon City, Iowa, has a few choice Chester Whites of both sexes for sale at reasonable prices. If in need of a good young boar, write him for prices. He has a few choice gilts for sale either bred or open. He writes that he has not had a dissatisfied customer this fall. If wanting Mammoth Bronze turkeys or Barred Plymouth Rock cockerels, write him for prices. Mr. Stevenson breeds the very best Mammoth Bronze turkeys and Barred Plymouth Rocks that money will buy. By the way, he is an expert poultry judge and has judged poultry for a number of years. He has a fine lot of Angus bulls, calves and yearlings, for sale cheap if taken this fall—will sell a few good heifer calves. Let him fit you out with a young herd. Do you need a choice Shire stallion? Write him for prices and mention The Homestead. His advertisement appears on page 23.

Mr. J. G. Truman, manager of Trumans' Pioneer Stud Farm, of Bushnell, Ill., writes: "I am very pleased to say that our second importation of stallions this fall arrived here in good condition last night. This importation consists of Shire and Hackney stallions, but I am advised by Mr. J. H. Truman that he has another consignment of Shires and Percherons ready to leave England as soon as we cable him to ship them. Just at this time our stables are absolutely filled. Every stall we have has a first-class imported stallion in it. To any of your readers who are anticipating purchasing a stallion this season in order to move a few of these at as early a date as possible, we will make very close prices. We have recently issued our twenty-ninth annual catalog which contains drawings from life of upwards of sixty stallions, all of which are for sale at very reasonable prices. With our superior advantages, having a resident buyer in England, we are in a position to sell Shire and Hackney stallions at considerably less money than our competitors. The proof of the pudding is in the eating of it and if any prospective buyer of either draft or coach stallions will call and inspect our horses and get our prices I feel certain that we can trade with him. Our trade this month has been better than any in the history of our twenty-nine years in the importing business and from the inquiries that are coming in I see no reason why it should not continue this way. With grade Shire fillies selling as they do in this country at from \$250 to \$300 each, I see nothing that a farmer can do that will pay him better than to raise a few grade Shires. The

American people are beginning to appreciate what the Shire horse does for them when crossed on our American-bred grade mares. Our importations will arrive from now on in January, February, March and April to supply our spring trade." See advertisement on page 27.

We wish to call the attention of our readers to the new advertisement of Mr. J. Latimer Wilson that appears on page 25 of this issue of The Homestead. Mr. Wilson has eighty of the best imported stallions and some home-bred draft stallions on which he is quoting prices in this advertisement.

The date of June 4th is named as that on which Mr. Milton E. Jones, of Williamsville, Ill., will hold a Short-horn sale. Mr. Jones, in furnishing date says: "Colonels Woods, Carey Jones and Geo. Bellows will be the auctioneers, and no better Short-horns will be sold in 1907 than those going in my sale. Many will be by Choice Goods, Lord Banff and other famous bulls."

Mr. A. R. Campbell, of Independence, Iowa, has twenty yearling Hereford bulls and one young Percheron stallion which he is offering for sale in his advertisement on page 25 of this issue of The Homestead. Mr. Campbell announces that he will make low prices on this stock and that the quality of the same is unsurpassed and that all of it is of the richest breeding. Send to him for catalog and particulars.

Messrs. C. C. Drake & Son, of LaHarpe, Ill., are offering bargains in Poland China boars and gilts in their advertisement that appears on page 24 of this issue. The offering consists of several boars of good breeding that are in good growing condition. They also have a few gilts left that are good ones. The dams of these pigs are from Chief Perfection 2d, U. S. Chief 2d, Nemo L. and other good strains and are sired by E. L.'s Black Chief by Perfection E. L. They will be priced to sell quick. Write them for further particulars and prices.

CHOICE YORKSHIRE BOARS AND SOWS.

On page 25 will be found the advertisement of Mr. F. Rabeller, of Leigh, Neb., who owns one of the best herds of Large Yorkshires in America. He has an excellent lot of boars for sale, also choice sows and gilts bred for spring farrow. If you want the very best Yorkshires write Mr. Rabeller at once.

RABELLER'S LARGE YORKSHIRES.

Mr. F. Rabeller, of Leigh, Neb., the Large Yorkshire man, writes as follows: "Kindly say to Homestead readers that I am now offering the best lot of boars and sows I have ever had in my herd. I am hooking orders every day for bred sows and gilts, and I have some extra good ones for sale. I will be pleased to hear from anyone who wants the kind of hog that wins at the International."

TWO PIANOS! BIG CASH PRIZES!

Successful Farming, of Des Moines, Iowa, have a proposition on page 8 of this issue that will be of interest to any of our readers who wish to exercise their ingenuity in counting the dots on a piano which appears in their advertisement. They propose to give to those who can count the dots correctly, or nearest correctly, the following list of prizes: Two elegant pianos, one to a lady and one to a gentleman; one \$200 cash, one \$100 cash, one \$50 cash, one \$25 cash, five \$10 cash, ten \$5 cash and twenty-five \$2. The conditions on which these prizes will be awarded are named in the advertisement to which we have referred.

BEST OF GOODS.

When the Runaway Girl sold in the dispersion sale of the Tebo Lawn Short-horns, a promising young Choice Goods bull calf went with her. Sale reports show The Runaway Girl and bull calf as selling to Messrs. Bellows Bros., of Maryville, Mo., at \$1,300. She was later sold by them at a substantial advance, they reserving an option on the bull calf at \$1,000. Much to the disappointment of the owner of The Runaway Girl and the Choice Goods calf, Messrs. Bellows Bros. when the time came refused to release the option and Best of Goods, as the calf had been named, returned to the Bellows Bros. herd, where he will stay as a future herd bull. Best of Goods is a beautiful roan, true in all his lines and undoubtedly one of the best Choice Goods bulls in America.

IMP. FASHION FAVORITE FOR SALE.

Anyone wanting a good imported bull should write or go and see Mr. J. D. McDermott, of Wlota, Iowa. He offers Imp. Fashion Favorite for sale. He is a massive roan bull, bred by Mr. James Wilson, of Huntly, Scotland. He is a good breeder and the man who buys him should first see him and his crop of calves at the McDermott farm. We also offer two extra good sons of this bull for sale. One of these is out of Imp. Augusta Bruce, one of the very best cows in the herd, and the other is out of Imp. Jilted Maid by the noted Golden Fame. He also offers a son of Imp. Craibstone for sale out of Miss Bess by Bapton Spice. Any of our Short-horn breeders who are wanting a herd bull should write Mr. McDermott at once or go and see these good bulls that he is offering for sale.

BAXTER'S CLOSING OUT SALE.

It is with regret that we announce the dispersion of the Pawnee herd of Durocs, owned by Mr. Ed A. Baxter, of Pawnee, Ill., which takes place on February 6th. Mr. Baxter has been one of the best breeders of Durocs to be found anywhere. His efforts to promote the breed everywhere have been of great benefit and in announcing this sale he wants it understood that he is not making a cull sale, but every Duroc he owns will be sold on February 6th. He has carefully considered this matter and would not disperse his herd were it not for the fact that his time is taken up with other matters and he cannot give his herd the time necessary to make it what he has so successfully done, one of the best of the breed. The herd boar, Buddy K. IV., sells at auction, absolutely without by-bid or reserve of any kind. Those who are personally acquainted with Mr. Baxter need no further assurance that this will be the case. Buddy K. IV. is one of the best breeding boars to be found anywhere. He was first in class and champion at the Illinois State Fair, 1905, and second-prize boar, 1906, in one of the strongest classes ever shown at the Illinois State Fair. His get are large and smooth, with extra good feet and heavy bone. The gilts have been prolific and been secured by the best breeders for permanent use in

their herds. The advertisement on page 28 of this issue will interest breeders of Duroc Jerseys. Further particulars will appear in future issues. If you are not on Mr. Baxter's mailing list write at once for catalog, kindly mentioning this paper.

FORSYTHE'S SHORT-HORNS.

Mr. W. A. Forsythe, of Greenwood, Mo., is offering a string of young Short-horn bulls, among which are herd headers. Several are pure Scotch and of such individual excellence that they will please the more critical buyers. The man looking for a Scotch-topped fellow from the best American-bred families will also find that Mr. Forsythe has bulls that will fill the bill. Females bred to Bapton Valentine are offered by Mr. Forsythe. Here is an opportunity for the man who wants a foundation herd. The cattle are bred right, are individually right and in such condition as to show their worth. Mr. Forsythe wants to show these cattle and prospective buyers can do no better than to go and see them. See page 29 for Mr. Forsythe's advertisement.

ELM LAWN DUROCS.

The Elm Lawn herd of Durocs, owned by Mr. Chas. Sobotka, of Calmesville, Mo., has had a great trade on boars and are sold out. Mr. Sobotka now offers bred sows and gilts. Among the sows offered is Elm Lawn Rose, a fancy yearling show sow and a producer. Mr. Sobotka says he offers her cheap, considering the way she breeds. The gilts offered by Mr. Sobotka are the get of Elm Lawn Orion and Elm Lawn Top Notcher. They are bred to these boars where the blood lines will permit. Those that cannot be bred to them are bred to Smasher II., a mature boar of great length, well hammed and put upon good sound feet and legs. Mr. Sobotka says he must part with some of his tried sows in order to put in some fresh blood to supply his old customers, otherwise he would not sell any matured sows. See page 24 for Mr. Sobotka's new advertisement.

DUROC BRED SOW SALE.

January 12, 1907, is the date set for the annual sale of Messrs. Hood & Baker, at Dunlap, Iowa. Forty bred sows will here be brought out under the auctioneer's hammer. They range in age from tried sows and yearlings to gilts. Here is your chance to get in on the ground floor of the popular strains of red hog blood. Splendid individuals carrying the blood of Orion, Advance, Reed's Banker and many other good families as well. Many of the sows will be bred to Kruger Jr., a splendid son of old Kruger, he by Can't Be Beat. Sale will be held in a comfortable pavilion and in town, so it will be found a very handy place to reach. Those who want some good sows to add to their herd should not fail to take in this sale. Catalogs will be sent upon request. When writing for sale kindly mention The Homestead. Remember the date and plan accordingly to be there.

MCNEIL BROS.' BROOD SOW SALE.

We wish to call the attention of our readers to the initial announcement of the forthcoming brood sow sale of Messrs. McNeil Bros., of Bowen, Ill., on January 17th. This firm have been among the best pushers the Duroc business has had. They have bought the best when individuality and breeding were of the high order which they have maintained in their herd. In buying Hanley they secured one of the best breeding boars sold at public auction in recent years. This year they secured Helen's Tip Top Notcher at the long price of \$1,000 and are breeding a number of their sows to this boar. He is sired by Tip Top Notcher and is out of Helen Blazes, the dam of the noted sow, Helen Blazes III., which sold in Messrs. Fagan, Browning, Hess & McCahe's brood sow sale last spring. The writer representing The Homestead is pleased to assure our readers that the offering is one of the best he has ever inspected. No one will be disappointed in it, and for uniformity of type it cannot be excelled. In future issues we will have more to say regarding this offering and would advise our readers to write early for catalogs, kindly mentioning The Homestead, as per the advertisement on page 30.

MR. N. A. LIND'S SCOTCH BULLS.

The advertisement of the Beaver Creek Short-horns, of which Mr. N. A. Lind, of Rolfe, Iowa, is owner, will be found on page 24 of this issue. Mr. Lind has now on hand twenty-three pure Scotch hells, varying in age from a few months up to two years. The owner considers that he has never raised a more uniform lot, and among the number are several that will do to head any Scotch herd. A number of these bulls are sired by Imp. Morning Star, a very low-down, compact hull and a notably good breeder. He is by the great Duthie-bred hull, Pride of the Ring. McDiarmid is another hull that has been used somewhat extensively in the Lind herd. He is got by the Cruickshank Lavender, sired by Lavender Prince out of Mysie 50th. Other bulls are Imp. Black Watch, bred by Mr. Jas. Durno, of Aberdeenshire, Scotland; Imp. Fancy's Pride, one of the best stock bulls in the United States; Golden Lad, a richly-bred Brawith Bud; Victoria Prince and Bruce Nonpareil by Victor Nonpareil. A catalog of these young bulls giving full pedigree will be furnished upon application to Mr. N. A. Lind, of Rolfe, Iowa. Please mention The Homestead when you write.

LEFEBURE'S BELGIANS.

Mr. Henry Lefebure, of Fairfax, Iowa, changes his advertisement in The Homestead this week, announcing the new importation of Belgians, including his state fair and International prize winners. Mr. Henry Lefebure is a son of the late E. Lefebure, who was the pioneer importer of Belgians into Iowa. The elder Mr. Lefebure was born in Belgium and reared in the heart of the breeding district, hence was one of the best-informed men in America on Belgian horses. The writer has known Mr. Henry Lefebure for twenty years and is aware that during all the successful career of the elder E. Lefebure, Henry was active in the business and in reality had charge. Mr. Lefebure has facilities for buying equaled by no other American breeder or importer, in that his relatives in Belgium are among the foremost breeders of that country, and during the year the choicest stallion colts are spotted and purchased for Mr. Henry Lefebure, and shipped to him at Fairfax, Iowa. Hence Mr. Lefebure is in position to supply his trade with a class of Belgian stallions that cannot be duplicated for the prices he is asking. His



FREE A Nursery Book

Fully worth \$1.00 to any tree planter. It will give you the real facts about the care of trees. Has over 100 beautiful illustrations mostly from photos. We positively carry the most complete line of nursery stock in the West; only the hardest varieties of Trees, Shrubs, Vines, Roses, Paeonies, Perennials, Seedlings and Evergreens. You should have this book. It will help you make more money. It is free. Write for it before tomorrow.

Sioux City Seed and Nursery Co.
2113 Clark St. Sioux City, Iowa

farm is but a short distance from Fairfax, Linn county, Iowa, only seven miles from Cedar Rapids.

KEELEY CURES, DES MOINES, IOWA.

It is not necessary at this time to discuss how alcoholism is acquired. The province of the Keeley Cure is to treat the afflicted. Methods of prevention of acquiring the habit are vital, but the mission of Dr. Keeley is to cure those whose appetites have already gotten the better of them. The theory of Dr. Keeley is that the liquor habit is a disease of the nerve cells. "It is a condition of cell necessity wherein the cells have become so accustomed to the influence of alcohol that they are dependent on it and will no longer perform those duties and functions properly and painlessly except when under its influence." A craving appetite demands stimulus for daily or periodic indulgence. The conditions of the habitual drunkard are so shattered that it seems impossible for him to abstain from the liquid stimulus to which he is accustomed. The restoration of the functions of the nervous system and the eradication of the desire for unnatural stimulants is the mission of the Keeley Cure. The discovery of a cure for drunkenness was made by Dr. Leslie E. Keeley and his methods and medicines are given at the Keeley Institute at 706 Fourth street, Des Moines, Iowa. All patients receive their treatment at the institute. The Keeley Cure is not only for the liquor habit, but it also successfully used in neurasthenia, morphina, opium, cocaine and tobacco addictions. It is probable that a number of the readers of The Homestead have friends who are afflicted with some of these addictions. It would be a good plan to call at the institute at 706 Fourth street, Des Moines, Iowa, and have a personal interview with those in charge. The institute is only a short walk north on Fourth street from the Savory hotel and can readily be found. All correspondence and interviews are confidential and persons calling at the institute will receive courteous treatment.

NOVINGER & SONS' SHORT-HORNS.

For the past few months the well-known firm of Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., breeders of Short-horns, have been advertising a part of their large holdings of Adair county farms for sale. Having made disposition of a part of the lands, Messrs. Novinger & Sons now direct their advertising towards their large herd of Short-horns. Few herds have a stronger foothold than has the one owned by these gentlemen. Much has been said in the past two years of the progress this firm have made in the Short-horn world and much more will have to be said in the future if the public is to keep posted as progress is made. Few breeders have from as small a beginning made as rapid strides as has Mr. Novinger in the breeding of Short-horns. Hard, persistent work, stick-to-it-iveness, coupled with the knowledge of knowing what constitutes a good animal, has won out for Mr. Novinger. His herd, or more appropriately, the herd of Messrs. Novinger & Sons, numbers upwards of 100 head, about one-half of which are Scotch and the balance good American-bred sorts topped off with good Scotch breeding. The Novinger herd has not been built on any one or two families, as Mr. Novinger is of broader gage and is always willing to recognize any family or tribe so long as it is known to be good and backed by ancestors that have made good. For this reason we shall not go into details as to the various sorts represented in the herd, but will simply say that all are good and all are reliable, whether it be among his pure Scotch sorts or among the Scotch-topped sorts. Just now Messrs. Novinger & Sons wish to make a special drive on some twenty head of young bulls, most of which are ready for service. One-half of these are pure Scotch and all but a few are by Lavender Viscount 2d, an all red son of the champion Lavender Viscount. On dam's side he traces to Imp. Butterfly 4th through 6th Cloverleaf Butterfly by Lord Lieutenant 2d. His second dam, 3d Cloverleaf Butterfly, was by Burgomaster. Then follow such sires as Loveland Chief, Liddesdale, etc. As a sire Lavender Viscount 2d is making good in Messrs. Novinger & Sons' herd. The writer does not remember of ever seeing a better bull at Messrs. Novinger & Sons' than he saw there last week when inspecting the herd. The calf referred to was dropped last April and was got by Lavender Viscount 2d and out of Sweet Lavender. Sweet Lavender was bred by Messrs. Novinger & Sons and is a show calf and a producer of show stuff. She is a straight Lavender got by Golden Crest bred by Mr. James Black, of Barthol Chapel, Scotland, and was out of Imp. Lavender Thyme 2d by Prince of Fashion. Then follow such sires as Gondolier, Lord of the Isles, Lord Landsdowne, Count Blickerstaffe 2d and other noted bulls. A better pedigree could not be written and this youngster comes by his individual excellence through inheritance. He is a furry-coated red roan, built plenty close to the ground, is thick from end to end, with well-sprung ribs, good loin and a feeder's head. The man looking for herd bull material should stop here. But this is not the only good bull to be seen at Messrs. Novinger & Sons', as there are several, among which is a Lancaster got by the herd bull, Lavender Viscount 2d and out of a daughter of Golden Crown; second dam by Sir Charming 2d; third dam by Commander, and fourth dam Imp. Mary Ann of Lancaster 7th by Royal

Lancaster. This youngster was calved in March, is a red and a straight-lined fellow and exceptionally free from holes. A Victoria was also of such merit as to attract attention. A good strong youngster of the Imp. Eliza tribe will please many. Among those not by Messrs. Novinger & Sons' herd hull is a son of Hampton's Choice, a half brother to the Bellows Bros. great herd hull, Hampton's Best. The dam of this youngster is the Butterfly cow, 4th Cloverleaf Butterfly, got by Imp. Burgomaster, bred by Cruickshank; second dam Cloverleaf Butterfly by Imp. Lowland Chief, bred by Cruickshank; third dam Butterfly of Hazelridge 2d by Imp. Burgomaster, bred by Cruickshank; fourth dam Butterfly of Hazelridge by Imp. Liddesdale, bred by Cruickshank. Certainly the pedigree crank can be satisfied here and with a good, useful bull that will be a year old in January. An all-red fellow got by Scotland's Crown, Messrs. J. J. Littrell & Son's great herd hull, will also be found a bull worthy of attention if one wants thickness, depth of body, two good ends, a middle and a coat of hair. He belongs to the Rose Violet tribe, the oldest of all the Cruickshank tribes. These are but a few of the hulls Messrs. Novinger & Sons are offering and are pricing worth the money. They ask us to extend to all our readers an invitation to write them if hunting Short-horns, or, better still, come and see the herd. Their new advertisement will be found on this page. When writing them kindly mention "this paper."

PINE RIDGE STOCK FARM PERCHERON AND FRENCH DRAFT HORSES.

Mr. L. M. Hartley, of Salem, Iowa, is one of the oldest breeders of American-bred Percheron and French draft stallions and mares in this country. He has in all probability the largest and best equipped stallion barn in America, that cost him \$20,000 to build. It has been his aim to produce a class of American-bred draft stallions and mares that could not be surpassed by the best imported ones; that he has succeeded in this ambitious and laudable aim can be verified by a visit to his 2,000-acre farm three miles south of Salem, Henry county, Iowa, on the Mt. Pleasant & Keokuk branch of the C. B. & Q. railway. Perhaps one of the greatest Percheron stallions that has ever stood in eastern Iowa was that phenomenal old stallion, Sampson 27338. The last colts by this famous sire are now yearlings; hence this will be the last opportunity to get colts sired by this phenomenal stallion whose reputation is second to none. During the short course in agriculture held at Mt. Pleasant last week, where more than 300 of Henry county's best farmers were entered in the short course, conducted by Prof. C. F. Curtiss, Wayne Dinsmore, Holden and Bliss, of the Iowa Agricultural College, Mr. Hartley supplied six of his famous Pine Ridge stallions for the judging school. Certainly the short course people are to be congratulated on such a rare aggregation of such high-class Percheron stallions as subjects for this training school. Mr. Hartley has 150 head of stallions and mares now for sale at his farm and at the branch barn located at Moose Jaw, Saskatchewan, Can. The branch barn is in charge of Mr. E. F. Maxey. The writer priced Mr. Hartley's brood mares safe in foal and found that he is willing to sell many of his best mares, showing to be in foal, at the very low price of \$500 each. We know of no other place where mares of this class can be secured at these prices, but as they are raised out of doors on a large farm and have not cost their owner any extravagant feed bills, he is content to take the prices named. Our readers in search of high-class draft stallions and mares of the above breeds do well to correspond with Mr. Hartley.

SOUTHWESTERN NEBRASKA DUROC BRED SOW CIRCUIT.

We wish to make mention in this issue of the Duroc Jersey bred sow circuit to be held in southwestern Nebraska the last week in February. This circuit begins at Mr. Wm. Sanstead's, near Wilcox, Neb., on February 25th, who will offer a choice bunch of sows bred to such boars as Munger's Ideal by Ideal Perfection, first-prize pig at Wisconsin State Fair in 1905; second at Minnesota, and first at three interstate fairs. There will also be some good gilts in this sale sired by him and bred to a son of Red Chief. On February 26th Messrs. M. A. Sellers & Son, of Huntley, Neb., will offer forty head selected from their herd and bred to three good boars. Most of the yearling and aged sows in this sale will be bred to Sellers' Duroc, a son of Cole's Duroc, that is an all round good hog. They are also using a son of Ohio Chief that is one of the best Ohio Chief pigs we have seen this year. Some of the gilts will be bred to a son of Dandy Top Notcher by Tip Top Notcher. The third day will be taken by Messrs. S. J. Tillman & Son, of Ragan, Neb., who will offer a bunch of sows that as a whole would be hard to duplicate. They are very growthy, broad-backed sows with plenty of bone and as good blood lines as is known to the breed. The majority of these sows will be bred to Jumbo's Ideal, a son of Jumbo's Perfection, that bids fair to make as good a hog as his sire. Messrs. Tillman recently purchased a fine young boar by Nebraska Wonder, he by Crimmon Wonder, that is an attractive fellow and ought to make a cracker-jack. Mr. Geo. Karchner, of Wilcox, Neb., will sell on February 28th, and has a very promising bunch of pigs to offer on that date. He was lucky enough to secure the first-prize boar pig at the Kansas State Fair in 1905, which ought to be a great attraction for his coming sale. He is also using a grandson of Kan't Be Beat. On March 1st, Mr. C. C. Wassen, of Wilcox, Neb., will sell forty head, the tops of his last fall and spring crop of pigs. They are growthy, good-boned sows and a bunch that ought to prove good ones. They will be bred to such boars as Jumbo's Wonder, a full brother to Jumbo's Ideal, and Cole's Duroc II, by Cole's Duroc. The last day of the circuit will be taken by Messrs. A. A. & W. G. Karchner, of Wilcox, Neb., who have an extra good lot of sows. They raise their hogs on large alfalfa pastures, which generally assures good results for the purchaser. Their herd is headed by Lord Gold Finch, a hog that has a show yard record and has proven a great sire. There will be several of the best sows bred to him. There will also be several good sows bred to Nebraska Wonder, a son of Crimmon Wonder, that has produced some of the best stuff ever raised on this farm. Some of the gilts

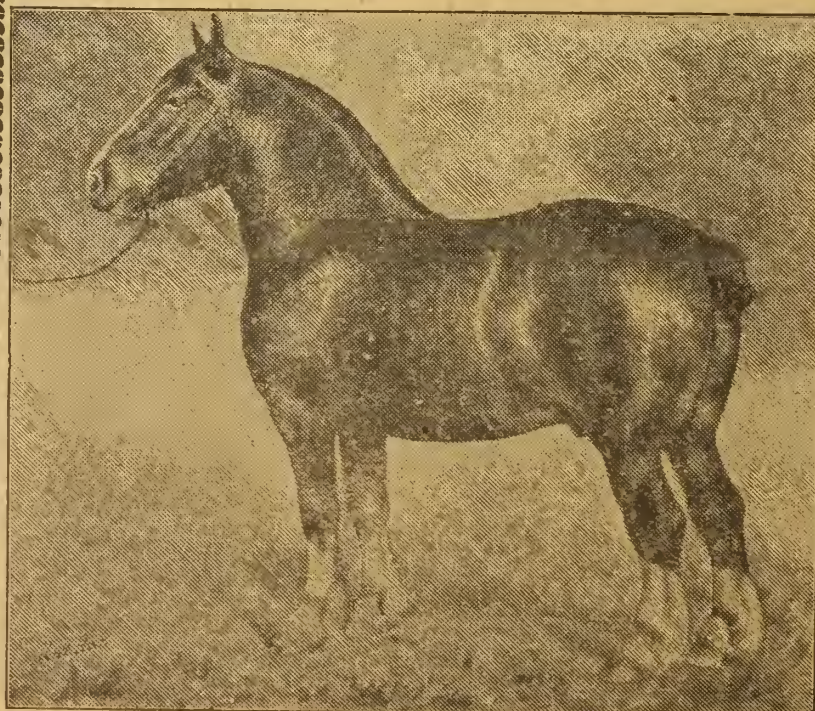
will be bred to a son of Morrison's Beil Top. This we consider a week of hog sales that you cannot afford to miss. They are all within a few miles of each other and the whole circuit can be attended at very little expense. Come out and see what the boys can raise in this part of the state.

FAIRCHILD & STEVENSON'S DUROC JERSEY SALE.

The opening sale of the new year will be held at the farm of Messrs. Fairchild & Stevenson, at Onawa, Iowa, on January 11, 1907. This is the home of the noted boar, Orion's Profit 23243, the sire of the Minnesota first-prize and sweepstakes boar, Dale, that swept everything before him in the northern state the last fall. He now heads the herd of that veteran breeder, Mr. Wm. Malcolm, of Bigelow, Minn., and he showed him at the fairs this fall. As this is the first public sale of Messrs. Fairchild & Stevenson, they are very desirous of making a good one and have therefore selected the best they have for this occasion. About fifteen sows that will be sold are bred to Orion's Profit, and several of his gilts will also be sold. Those who are wanting prospective winners should buy a sow bred to Orion's Profit. A greater part of the offering will be sired by Advance Lad 28771, a son of old Advance, and out of Lucy D. II., the dam of the noted boars, Proud Advance, Reed's Banker and Advancer, the latter being the first-prize aged boar at the Iowa State Fair this fall. Advance Lady, a good yearling sow sired by him, will be included in the sale. There will be two choice gilts sired by him that should not be overlooked. These are Rickey Ann and Ruth Advance, the latter being out of Paulette IV., one of the best brood sows in the herd. Rose Orion is a two-year-old sow, a full sister to the Minnesota sweepstakes boar, Dale, and she will be bred to Prince Tolstoy. Daisy Orion, a daughter of Orion's Profit, dam Lucy Long, by old Long John, will also be sold and she will be bred to Prince Tolstoy. Paulette II., a sow bred by Mr. H. F. Hoffman, will be sold, and she is bred to Orion's Profit. Another good brood sow is Lucy Long by Long John, and she will also be bred to Orion's Profit. They are offering a choice lot of gilts in their first annual sale which are very uniform in both size and color, and there will be some good bargains in their sale. A word in conclusion about the boars used in the herd. Orion's Profit we have mentioned above. Happy Medium, a son of the noted Iowa State Fair winning boar, Junior Jim, and one of his best sons, will be bred to many of the sows. He is owned jointly by Messrs. Manley & Co., of Lyons, Neb., and Messrs. Fairchild & Stevenson. Advance Lad, the sire of many of the sows in the sale, will also be bred to a few, and all in all it is an offering that deserves the attention of our best breeders and farmers. Our best breeders should come out and buy a sow bred to Orion's Profit, and he in the swim another year. Write for catalog at once and kindly mention The Homestead.

SPECIAL OFFER FOR THE HOLIDAYS.

On December 20, 21, 22, 23, 24, 25, 29, 30, 31, and January 1st The Chicago Great Western Railway will sell special round trip tickets to points in Arkansas, Colorado, Illinois, Indiana, Indian Territory, Iowa, Kansas, Louisiana, Michigan, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Tennessee, Texas, Wisconsin and Wyoming at rate of one regular fare plus one-third; to points in Illinois, Indiana, Kentucky, Michigan, Ohio, New York, Ontario, Pennsylvania, and West Virginia at rate of one regular fare plus one-half, these being on sale only on December 20, 21, and 22. To points in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia at rate of one regular fare and one third, plus 25 cents, these being on sale on December 20, 21, 22, 23, 24, 25, 29, 30, 31, and January 1st. Tickets to points west of Chicago



NAILSTONE RED LYNCH (23528)

This is one of the good kind found in the stud of Messrs. Watson, Woods Bros. & Kelly, of Lincoln, Neb. This firm now have on hand sixty Percheron, Shire, Belgian and Oldenburg coach stallions. Each horse has been picked in his native land by an expert who knew the country, knew the people and was a judge of good horses. These horses were imported early in the fall so that they are acclimated now and in a fine condition to go out, though not fat. Mr. Watson of this firm will land January 16th with fifty more.

TOO LATE TO CLASSIFY.



PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of

Percheron and French Draft Horses.

The last chance to obtain a colt by HANSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Barn at Moose Jaw, Sask., Can., in charge of E. F. Maxey.

L. M. HARTLEY, SALEM, IOWA.

.....9 CHOICE YEARLING HEREFORD BULLS 9..... FOR SALE.

I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 48th 121465 and out of cows of the richest Hereford breeding known to the breed, such as Anxiety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. Have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address.

JOHN SECOR,

Mechanicsville, Iowa

Champion Paul Brood Sow Sale, January 15, 1907.

I WILL sell at auction about 25 extra good bred sows and gilts, backed by breeding that is excelled by none. Write for catalog. Address,

A. L. BERGSTEN,

MT. UNION, IOWA

D. H. LEWIS, BREEDER AND SHIPPER OF THE Improved Chester White Swine.

50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head R. F. D. No. 6, GENeseo, ILLINOIS

and St. Louis bear limit of January 7th to return and to points in the east, thirty days. For full information call on E. J. Sawyer, C. T. A., 514 Walnut St., Des Moines, Iowa.

BRENTFORD.

NEW TOWN—on the Watertown-Missouri River extension of the Minneapolis & St. Louis R. R. in South Dakota. In the heart of the famous Jim River Valley. Country around Brentford is well settled and it will be one of the best of the new towns on the line. Offers excellent business opportunities. Place has received a wonderful impetus from prominent South Dakota business men in the vicinity who have invested and have organized a commercial club to boost the population to 1,000 in six months. It is a market for a million bushels of grain. Has an exclusive territory covering an average radius of twenty miles. Rails are laid into the town. Already has two brick banks, three brick stores, five elevators, 150 residence lots sold. First residence will cost \$4,500. For particulars go to Brentford, or address Commercial Club, Brentford, S. D., or Thos. A. Way, Townsite Agent, M. & St. L. R. R., Aberdeen, S. Dak.

EXCURSION RATES FOR THE HOLIDAYS.

Via the North-Western Line. Excursion tickets will be sold at reduced rates on nine dates: December 20, 21, 22, 23, 24, 25, 30, 31, 1906, and January 1, 1907, good returning until and including January 7, 1907, to stations on the North-Western Line (including C. St. P. M. & O. R'y), and to points

Poland China BARGAINS

IN males and gilts. We are offering seven summer males of good breeding and size and in good growing condition. We have a few good gilts left; they are good ones. Dams of these pigs are from the Chief Perfection 2d, U. S. Chief 2d, Nemo L's Dude, Perfection B. L. and L's Chief strains. Sired by K. L. Black Chief, by Perfection E. L. Priced to sell quick. Write us if in need. Address,

C. C. Drake & Son, La Harpe, Ill.

NOVINGER & SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Vic-count 2d, a son of the champion, Lavender Vic-count, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS, Kirksville, Missouri.

Village Creek Short-horns

IMP. Roan Archer, one of the best bulls of the breed, heads herd. A few extra good young bulls and heifers for sale at reasonable prices. Inspection invited. Ask for herd catalog with pedigrees printed in tabulated form.

W. H. SCHAFER, KEANSBURG, ILL.

ELM LAWN DUROCS.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants. CHAS. SOBOTKA, Cinesville, Mo.

BEAVER CREEK SHORT-HORNS. SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address, N. A. LIND, Rolfe, Iowa

JANUARY 24, 1907

IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc-Jersey sows for sale.

J. E. WEHR, Portsmouth, Ia.

Imp. Fashion Favorite 149580 FOR SALE.

Also a few very choice young Scotch Bulls.

Address J. D. McDERMOTT, Wiota, Ia.

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

on certain other lines, for full details of which apply to agents Chicago & North-Western R'y.

WEEK END RATES VIA M. & ST. L. R. R.

On Saturdays and Sundays the Minneapolis & St. Louis R. R. will sell round-trip excursion tickets, Des Moines to Waterville and Montgomery, Minn., at one fare plus \$2. Return limit seven days, including date of sale. Buy tickets at City Ticket Office, 512 Walnut St., or Union Station.

TOO LATE TO CLASSIFY.

80 STALLIONS



THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address, A. LATIMER WILSON, CRESTON, IOWA.

Chester White Boars and Sows

15 FINE boars for sale, and some choice gilts, bred or open. Prices reasonable. J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa.

CHOICE Duroc Jersey hogs, \$12.50 to \$15, both sexes, not related, easily fattened, prolific, pedigreed, 5 strains. J. C. Jay, Mt. Pleasant, Iowa.

LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine. F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Oak Lodge 6144, two imported boars and sows, Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

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World's Fair Champion Herd. SPECIAL offering now of 168 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

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THE type the Packers want. Service boars now ready to ship. Prices low for quick sales to make room for fall litters. Mondamin Farm, White Bear Lake, Minn.

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. I.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central City, Lincoln county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

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EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

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80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

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HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MIDDLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

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BERKSHIRE BOARS

FOR IMMEDIATE SERVICE.

I can please you in quality and price. Address,

GEO. S. PRINE, Oskaloosa, Iowa

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50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growing with plenty of quality and finish, of April and May farrow.

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A few choice bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 185 lbs. SYLVANUS HAWORTH, New Sharon, Iowa

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IDEAL HERD OF BERKSHIRES AND SHORT-HORNS.

WE have for sale one extra choice boar pig farrowed April 15th, weight 260 lbs, sired by Conquest 2d 75801, dam Dolly Varden 77002, a daughter of Pretty Face 63103, 1st prize aged sow, Inter-state Fair, '06. Five choice June boars, wt. 150 lbs, to 175 lbs, sired by Benjafeld's Faithful, an imported bred boar. All of the early spring gilts we care to spare are now sold. A few good open June gilts. One red, yearling Scotch bull, sired by Gondollar 131273 and out of a Victoria dam. Write, phone or come and see me. C. S. Buckley, Holstein, Ida Co., Ia.

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ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dish face. I will do it at farmers' prices. W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th, by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

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HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you. E. H. DANCER, Lamoni, Iowa

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LARGE growthy boars, big bone and best of breeding. Prices low. Address C. T. AYRES, Osceola, Clark Co., Iowa.

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Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Heathers, Heather Blooms, Barbars, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homestead Black Jun and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THIS HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150. 49 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dumlilig, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R. 15.

THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proterus 47351, Hale Lad 2d and Gardner's Pearl Rosemary 52837. Females represent Queen Mothers, Prides, Heather Bells, J. Riccas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address, WHEATLEY & WARD, King City, Missouri.

ABERDEEN ANGUS & POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Riccas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Poland, all tracing directly to Chief Perfection 2d. C. H. SEIBEL, PATON, IOWA.

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250 RECORDED HEREFORDS At Half Their Value.

25 YEARLING heifers, 20 two-year-old heifers, bred; 75 young cows in calf, 50 bulls and 15 young cows with calves at foot. Awful cheap. One carload of bulls at Morgan, Wyoming. GOOD ONES, CHEAP. W. W. WHEELER, Box H, Harlan, Iowa

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COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

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15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised. 6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once. Z. T. KINSELL, Mt. Ayr, Ia.

40 Choice Hereford Bulls 40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners. EDMONDS, SHADE & CO., Kingsley, Iowa

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TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars. A. R. Campbell, Independence, Iowa.

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4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

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Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me. H. C. CUNNINGHAM, WESTON, MO.

HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me. E. H. DANCER, Lamoni, Iowa

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REGISTERED BULLS from 13 to 18 months old, sired by Hesiod 29. Write me. V. C. Atwell, Little Sioux, Iowa.

HIGH CLASS ANGUS

BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABELOUR, 41201, BELL'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa. Address all communications to O. D. WRAY, Bloomfield, Iowa

10 Aberdeen Angus

BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rosheim Queens, etc. Address, John E. Griffith, WASHINGTON, IOWA. (Mention Homestead.)

Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Prom Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

Pleasant Hill Angus

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

J. NISSEN, Meservey, Cerro Gordo Co., Iowa

7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duches, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, Kirkman, Iowa

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DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-15052. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes. SHAVER & DEUKER, Kalona and Wellman, Iowa.

One Yearling Polled Durham Bull

FOR SALE—Richly bred and sired by a noted prize winner. He will be priced right and is right in every way. Address, J. J. WILLIAMS & SON, Grand View, Iowa

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A FEW SPRING BOARS

BY 1st prize Hampshire boars, also a few 60 and 90 pound boars and gilts. This herd made a great record at the Kentucky and Illinois State Fairs in 1906, winning 52 ribbons and showing against the strongest herds in country. Address, Hughes Atkinson, R. F. D. 2, Mt. Sterling, Ky.

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HIS MAJESTY KING EDWARD VII. and LORD ROTHSCHILD'S Exhibit of Stallions were purchased by us at the International, Chicago, 1906.

ROBERT BURGESS & SON,

Prizes won in this year, demonstrating to the public the SUPERIOR QUALITY of our STUD.

Champion Percheron stallion at the Kansas State Fair, champion Belgian stallion at the Kansas State Fair, champion Shire stallion at the Illinois State Fair, champion Shire stallion at the American Royal, Kansas City, Mo., champion American-bred Percheron stallion at the American Royal, first best five Percheron stallions at the Kansas State Fair, first best five Belgian stallions at the Kansas State Fair, first best five Shire stallions at the Illinois State Fair, second best five Belgian stallions at the Illinois State Fair, first best five Shire stallions at the American Royal, Kansas City, second best five Percheron stallions at the American Royal, Kansas City, first, third and fifth Shire stallion four years old and over, first Shire stallion three years old, first Shire stallion two years old, first Shire stallion one year old, champion Shire stallion any age, gold medal best imported Shire stallion any age, best group five Shire stallions any age, fifth Belgian stallion four years old and over, first Belgian stallion three years old, fifth Belgian stallion two years old, second Percheron stallion one year old, second Percheron two animals from same dam bred by exhibitor, third Hackney stallion four years old and over, third Hackney stallion three years old.

Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper who is assisting in placing the stallion in your neighborhood, who usually is one of your own neighbors (the most influential man) whose influence is obtained by a large commission, paid to him by the seller in placing the stallion. The long-time notes from three to five years have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. WE KNOW WE CAN SAVE YOU AT LEAST 50 PER CENT. IF YOU HAVE TO HAVE A COMPANY TO HAVE A HORSE IN YOUR NEIGHBORHOOD, FORM YOUR OWN COMPANY and come to the barns. BE CONVINCED THAT YOU CAN SAVE from \$1,000 to \$1,500, which has to be paid to this influential neighbor or neighbors.

Good American Bred Stallions, \$800 to \$1,000. First-class Imported Stallions, \$1,200 to \$1,600. Choicest Stallions a Little Higher.

We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over thirty-two years—longer than any one man in the stallion trade—and we guarantee to make every deal satisfactory to you. Get your guaranty and insurance direct from headquarters. Visit our barns and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and has the quality of stock that will suit the people, is perfectly good for the guaranties and will sell to you more good horse quality for less money than any one. Come to the barns and get the most reasonable terms that can be offered.

WENONA, ILLINOIS.

WICHITA, KANSAS.

Breeders' Sale--200 Horses 200

BLOOMINGTON, ILL., IN COLISEUM, Jan. 9, 10, 11, 1907.

Wed. and Thurs., Jan. 9, 10, Will sell 140 Reg. Percherons, French Draft, Shires, Clydesdale horses, mares, stallions. Friday, Jan. 11, Will sell 60 Reg. Trotters, Grade-Draft, Coach, All-Purpose and Saddle horses, stallions, mares and geldings.

These horses are consigned by the very oldest breeders in the state and out of the very best families and show herds that represent over 2,000 premiums to their credit. We don't claim to have all the prize winners of France, England or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield and other fairs in 1904-5-6. This will be one of the largest sales of pure-bred horses ever held in the state. These are the wide-as-a-wagon kind and a number of them will weigh over 2,000 pounds. We have some with fast marks and several good match teams and a number of gentleman drivers.

CONSIGNORS—Wm. Crownover, Hudson, Iowa; A. J. Dodson, Normal, Ill.; A. M. Storm & Son, New Lenox, Ill.; John C. Baker, Manbattan, Ill.; D. Augustin, Carlock, Ill.; Hurt & Reid, Arrowsmith, Ill.; Ed Hodgson, El Paso, Ill.; Ed Moots, Normal, Ill.; Barron & Raboin, Ashkum, Ill.; Geo. D. Enyart, Onward, Ind.; S. H. Johnson, Minier, Ill.; Downs Bros., Clinton, Ill.; Tisley Bros., Lockport, Ill.; Wm. Ritter, Arrowsmith, Ill.; Walter Allen, Dunlap, Ill.; W. F. McTaggart, Pana, Ill.; Bloomington Horse Commission Co., Bloomington, Ill.; Elvin & Campbell, Bloomington, Ill.; M. G. Murray, Holter, Ill.; Frank McClure, Gibson, Ill.

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IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

25 Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors. 25



No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coaches you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.

Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

NICHOLAS STAMM,

Letts, Iowa

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IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, Blencoe, Iowa

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IMPORTED and home bred stallions and mares, one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansdum & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA

PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$600 each. Address, E. Fugier, Creston, Iowa.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 161, Independence, Iowa.

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I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1650 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

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IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$900. Hart Bros., Osceola, Iowa.

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We are selling our Stallions direct from our barns and are selling better horses at from \$700 to \$1,400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions.

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"Special Train" arrived August 14, 1906, carrying 120 "Peaches and Cream" Stallions. They are "Iams' kind," the "Best ever." Winners and "Sons of winners." \$1,000 and \$1,500 buys Imported "Topnotchers" of Iams. Watch "Iams' Smoke." He has his "Selling Clothes" on daily. No buyers with money or bankable notes get away from Iams. He buys, owns and sells more first-class draft and coach stallions than any man in U. S. "Whoa Bill"—Buy a stallion this fall—"Save \$200" and get choice of Iams' barns filled to the roof with

168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

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Ikey, what a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "Topnotchers" so good, big and cheap that they do not need to be peddled to be sold. Mr. Buyer, see Iams' stallions yourself. Take no "gold brick stallion salesmen's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eyeopener and greatest horse catalog on earth. References: St. Paul State bank and Citizens National bank.

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We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

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100 HEAD of very choice matured and fall yearling brood sows and some extra choice gilts, bred to my noted prize winning boar Monarch Jr. 13101, Captain 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address Geo. H. Lawshe, R. R. 3, Harlan, Ia.

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THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

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DIVISION OF AGRICULTURE,
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A CHOICE lot of gilts bred to farrow about April first, for sale. Stock guaranteed as represented.

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A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.

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ONE of the finest up-to-date herds in the northwest. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment.

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Pleasant Grove Herd Chester Whites.

15 Fine hogs for sale, and some choice gilts, bred or open. Also one good aged sow bred to farrow in March. Prices reasonable.

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I HAVE 20 well bred April hogs and about 50 bred hogs and gilts for sale at farmers' prices.

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WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address

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18 Large, Growthy Chester White Sows

FOR SALE, of March and April farrow. Weigh from 200 to 250 lbs., are all bred and sale in pig. No other blood in the state. Prices reasonable; write me before you buy.

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20 CHESTER WHITE hogs, weigh from 140 to 180 lbs. Some good gilts and yearling sows, bred or open. Chester Bloom, Bridgeview, In.

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23 brood sows, 10 boars. Good railroad connections. B. R. Burt, Coggon, Iowa.

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Twenty-two tried brood sows from one to three years old; five sired by Buddy K. IV.; seventeen bred to Buddy K. IV. Four yearling sows by Buddy K. IV.

Ten yearlings by such noted boars as Tip Top Notcher, Proud Advance, Hanley, Gold Cloud and other boars of equal merit.

Twenty spring gilts by Buddy K. IV.

Twenty spring gilts by boars mentioned above.

Write early for catalogs.

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Spring Pigs All Sold

WE have now to offer 60 choice fall pigs and are going to sell them cheap. If you want something choice we have it here in these fall pigs. Write for large catalog and prices to

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Modeler 13235 and W. F.'s Model 12101 AT HEAD OF

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to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Pigs. Rock cks. W. F. Hemmerling, Dike, Grundy Co., Ia.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Keiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

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20 GAY Perfection 2d. Poland China Gilts bred to Sultan (a son of Thickset.) 3 gilts by Radiant, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.

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WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars 110 G's Perfection Jr. 89471, and Black Chief 98855. Pigs to head herds a specialty. Ten head of Scotch add Scotch Topped hogs for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 17062. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

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I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief 11 37428, and Winsome Dude 11 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, MANNING, IOWA

45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, It's Perfection 49012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

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25 Poland China BOARS

Large Frame and Heavy Bone a Specialty.

INCLUDING 11 extra good fall boars with plenty of size and quality, sired by Rival U. S. 89019, and 14 spring pigs sired by Rival U. S., Allright and Illinois Lover. These pigs will be priced to move them, as I must have the room.

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The House That Jack Built FOR SALE.

POLAND CHINA herd boar, Jack of Oak Lawn 81697, dam by Ideal Sunshine. Boars and gilts from this royally bred hog, weight 700 lbs., for sale at all times and all ages. 150 head to select from. Brood sows, gilts, both bred and open, can be had at Fairview Stock Farm.

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Mr. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

POLAND CHINA fall and spring gilts, bred to farrow in Mar. and Apr. to L's Sunshine and Ogward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battle Creek, Iowa.

HOMESTEAD HERD OF POLAND CHINAS.

GOOD, strong fall yearling and spring gilts by such noted sires as Keep On 2d, Contractor, Come On, Mounier's Perf. and others. Can breed them to a Chief Perfection 2d out of a Keep On dam. Write for prices and description.

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POLAND CHINA HOGS.

CHOICE POLAND CHINAS

I AM now offering some extra good Poland China boars and gilts of Spring farrow by H. G. Perfection, he by Chief Perfection 2d, at reasonable prices. Write for particulars. Six Shropshire rams by imported Hammer bred ram, Hammer 182071 for sale.

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POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Itch breeding, good individuals and priced low.

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Poland China Hogs

FOR SALE: six yearling hogs. Good length, large bone and from large families. Sired by Perfection B. L. 2d 110003. Price \$18 and \$20. Address, Judy & DeLushmitt, Salem, Iowa

Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shunarak 34571, by 75 Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection B. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

LARGE POLAND CHINA BOARS.

THU get of All Dude 108413, the 800-lb. yearling, 1st under year at Nebraska 1904, winner in class and head of first prize herd (breeder's ring), 1st in class and champion at Minn. state fair 1905, and other state and county fairs. Some 35 April boars by him for sale. Wm. Pedrick & Son, Ottumwa, Ia.

LARGE Growthy Polands.

I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr. by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Eierbeck, Beatrice, Neb.

GROWTHY, HEAVY-BONED Poland China Boars.

OUT of mature parents, best breeding, lengthy, vigorous fellows, 200 lbs. up. Customers well pleased, 999 sold in 12 years. S. Horn and P. Durham cattle. P. S. & S. Barr, Box 11, R 4, Davenport, Ia.

Big, Growthy, Heavy Boned Spring Boars

Sired by Major Blain 31925, which I am pricing, I will worth the money. Also some good gilts bred for March and April farrow. These are the large, useful kind. Address,

R. J. PEKHADE, Pawnee City, Neb.

SUNNY SLOPE Poland China boars and gilts of March farrow, of the most fashionable breeding, with good length and heavy bone and extra good backs. Sired by Orr's Duke (88967), and Ringmaster 101091. I will also sell by herd boar, Orr's Duke 88967. Write to M. A. Easthouse, Hartley, O'Brien County, Iowa.

20 BOARS. POLANDS. 40 SOWS.

CAREFULLY culled and well bred. Five March hogs that will make herd headers, sired by High Looker, a World's Fair winner, and Justice by Corrector. Large prolific litters. My pigs will make 800 to 1,000 lbs. at maturity. Write for prices or call. Special offer. M. G. Arnold, Strawberry Point, Iowa.

PRAIRIEVIEW HERD POLAND CHINAS

20 GROWTHY, heavy-boned March and April boars and gilts, sired by S. B's Choice 108849; also yearling sows and herd boar. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. M. & St. P. or C. R. I. & P.

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100 CHOICE POLAND CHINA BOARS.

Sired by Big Tom 2d, my 1,000 pound boar; Winner S Chief, Perfection Keep On and Black Joe. Some choice prospects with size and finish. Special prices for next 30 days.

DR. H. PRITCHARD, WISNER, NEB.

Sandquist Bros., OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

POLAND CHINA BOARS AND SOWS.

BIG boned lengthy fellows with broad backs and plenty of finish. By H's T. C's U. S. 55611 an 800 lb. hog in show shape. These dams matured sows. Priced cheap to move them.

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HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

Hustle On 105337 Heads Herd.

400-lb. fall males, large, heavy-boned Poland Chinas. Spring males, the kind that all want. S. L. Wyandotte and R. C. B. Leghorn cks. \$1. S. H. cattle. Interstate F. Eberhart, Strawberry Point, Ia.

"WILD ROSE" HERD POLAND CHINAS.

140 HEAD sired by Keep On Jr., a son of the great Keep On and one of the litters that won 2d at Des Moines; Unedud Thickset, a son of the noted boar Thickset, and Standard Tecumseh. Can sell you anything you want. Write me.

W. N. Booth, Danbury, Iowa.

Choice lot of Spring Boars for Sale.

POLAND China pigs sired by Dude's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Dude's Wonder this fall.

Jno. J. Schmal, Sutton, Nebraska.

30 CHOICE POLAND CHINA BOARS 30

FOIT SALE, sired by Winning Perfection 105015 and Keep On Third 108267. Big boned, growthy fellows. Address,

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10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinsville, Illinois.

POLAND CHINA HOGS.

BOARS
ALL SOLD

WILL sell our herd boar, Iowa Chief, after the 15th of Dec. He is sired by Ed. Klever's Thickset, and out of Lady Hunt, by Ideal Perfection. Measurements: length from between ears to root of tail 50 in.; heart, 60 in.; flank, 66 in.; bone 9 1/2 in. It is out of a litter of eight and sires large even litters. One of the representatives of this paper pronounced him one of the best Thickset boars in the West. We are also offering five Short-horn bulls, old enough for service, at very reasonable prices. Brood sow sale, Feb. 12, '07. Send for catalog after Feb. 1st. Col. F. M. Woods, Auct.

RUEBEL BROS., ROCKWELL CITY, IA.

WILLOWDALE POLAND CHINAS.
MODERATELY priced for the best blood of the breed. Herd headed by Master Sunshine 7227, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fushion U. S., best sow outside of Perfection family. M. S. is assisted by Eldorado 106425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Meddler, Corrector 2d, Spellbinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockerels, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are 41 boars. J. C. Hoag, - - Manson Ia.

SHORT-HORN CATTLE.

Walnut Grove Short-horns & Poland Chinas
CLEAR The Way 23482, winner 1st in 2-yr-old class and 1st in Ia. Champs, Ia. State fair, '06 heads herd. Herd boars Defender 9847, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.
Jas. E. Stephenson, Alburnett, Iowa
Otter Creek Stock Farm.

JONES CO. HERD OF Herd {Stylton Sort 17349
SHORT-HORN CATTLE Bulls {Wainman of Way-
side 243046
We have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - - Newton, Iowa

SCOTCH COWS AND HEIFERS FOR SALE

I HAVE 15 Scotch cows and heifers and a good yearling bull; also 20 head of Scotch topped cows and heifers, having 4 to 6 Scotch tops, for sale.
John Lefebure, - - - - - Fairfax, Ia.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Chariot. Also 12 young bulls from 8 to 20 mo. old by Imp. Klueller Stamp.
A. J. GRAVES & SON, Ames, Iowa

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.
C. W. DAWES & SON, - - Harlan, Iowa

WILLIAM REED

PLEASANTVILLE, IOWA.
BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

A GOOD YOUNG SCOTCH BULL FOR SALE

SENATOR 241887, two years old in July; sired by Imp. Fashion Favorite 149580 and out of Imp. Augusta Bruce, a grand good bull, a herd header. Write me quick.
J. D. McDERMOTT, - - WIOTA, IOWA.

MILKING SHORT-HORNS.

WE have a number of yearling bulls for sale. We milk all cows and hand raise all calves. All animals guaranteed breeders and pedigrees furnished.
BLACKMER & NELSON, - - Albert Lea, Minn.
Farm one mile from town.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 18121 heads my herd. Five daughters of Imp. Ted Knight, 5 Victories, 2 Imp. cows and other Scotch and Cruickshank families.

SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice full gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.
C. F. Robe, - - Jesup, Iowa.

SCOTCH SHORT-HORNS. For sale. four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

SHORT-HORN CATTLE.

3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Roy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

CHRISTMAS GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable Xmas present to friends engaged in the cattle business. Six are by Gollman, five by Melba's Victor, one by Victor's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Gollman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make Xmas presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead. NEW SHARON, IOWA.

CRUICKSHANK
BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

BARGAINS IN
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,
ALBION, IOWA, or LISCOMB, IOWA.

WALNUT HILL HERD
REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov. at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

Cruickshank Bulls

WE have forty blocky, beefy, dark red Short-horn bulls, many strong herd headers of the best of Scotch families by the Imported Princess Royal bull, Prince Oeder 136398. Also a few choice Scotch heifers. Address,

I. BARR & SON,
Davenport, - - - - - Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

Also Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN, IOWA

BLUFFVIEW
SHORT-HORNS

A FINE BRAVITH BUD BULL FOR SALE. A and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.
NEWTON and BAXTER, IOWA

W. A. FORSYTHE
GREENWOOD, MO.

Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

FAIRVIEW SHORT-HORNS.

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 250937, a straight Cruickshank, Bravith Bud, two year old bull for exchange, he by Lavender Royal 135256.

M. D. YARD, CRAWFORDSVILLE, IA.

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Bravith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

9 Short-horn
BULLS FOR SALE

At Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMOND, IA.

Bargains in
Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

HUGHESDALE
REAL DUAL SHORT-HORNS
PURPOSE

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

WAYSIDE SHORT-HORNS
G. H. BURGE, Prop., MT. VERNON, IA.

6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

DUROC JERSEY HOGS.

HILLSIDE HERD (SPRING BOARS & of Duroc Jerseys {GILTS OPEN AT
BENSON, NEBRASKA {15 PER HEAD.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

FAIRVIEW HERDS.

RED Polled cattle, Duroc swine. Will sell my herd R bull Expansion at a reasonable price. No swine for sale now. Spring sale February 13, 1907. J. B. Davis & Son, Fairview, Kan.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

CHOICE DUROC JERSEY

Spring pigs of March either sex. Good weight, bone and color.
Frank Warwey, Mt. Pleasant, Iowa.

WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

SPRING BOARS sired by fancy Crimson Wonder.

Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

MIDLAND DUROCS

15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Homestead, Iowa.

10 DUROC boars. Let me describe a \$15 or \$20 boar;

10 inquirers intending to buy will clean them up. Try it. Pedigrees sent. S. S. Krebill, Donnellson, Ia

DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEYOE & SON, Mason City, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

DUROC JERSEY HOGS.

Maple and Lawnsdale Herds
DUROC JERSEYS.

WILL sell a few Spring gilts bred to Illinois Chief, the sensational boar recently purchased by us. Also will breed a few sows to Illinois Chief and the noted boar, Humbletonian, at a reasonable fee. A few fall pigs for sale. Address either

MANLOVE BROS. or J. H. NORRIS,
Bowen, - - - - - Illinois.

Prairie View Herd of Duroc Jerseys.

SPRING boars by Top Notcher Again. Bred gilts and yearlings by Tom Davis, Top Notcher Again and Red Itoc at one-half last winter's public sale prices.

W. J. PRATHER, - - Russell, Iowa

WELCH'S POPULAR PRICED DUROC JERSEYS
I HAVE 90 choice spring pigs sired by a grandson of Proud Advance and a son of Pericles out of Tolstoy and Duroc Challenger sows. Prices within reach of all. I have some extra good boars for sale. Address, S. I. Welch, Cherokee, Ia.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S Whineshiek Chief out of Gold Dust Jim and Sniprice sows. Choice pigs at reasonable prices.

DELMAR McCANN, - - KENNARD, NEH.

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

80 BIG BONED DUROC JERSEY RED PIGS 80
FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA
Title farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Major Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.
FRED KRASCHEL & SON, - - MACON, ILL.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, - - Lohrville, Iowa.

DUROC-JERSEY BOARS.

A CHOICE lot of March and April boars for sale, sired by the great Orion J. 21655, Crimson Wonder Jr., Gilbert's King and other good boars. We also have an extra fine fall yearling by Gilbert's King. We're offering these pigs at reasonable prices. M. A. McWilliams, - - Wall Lake, Iowa.

Minnesota's Sweepstakes Duroc Jerseys.

I WON 1st and sweepstakes on boar at Minnesota State fair 1906, besides other prizes. Won eight 1st and eight 2d and all the sweepstakes in 1905. Orion, Top Notcher, Proud Advance and Crimson Wonder 1 Am blood. Good boars for sale.
Win. Malcolm, - - Bigelow, Minn.

L. H. ROBERTS & SON, Paton, Iowa, breeders of Modern Duroc Jersey Swine. We have for sale boars and sows of the most approved and aristocratic strains of blood. Will breed a choice lot of gilts for the winter's trade and price them right. This is the old Wm. Roberts & Son herd of Duroc Jerseys re-instated.

Bred Gilts and Sows at Reasonable Prices.
I HAVE a very nice bunch of Duroc gilts to sell, bred to Chief Knight 52495, he by Red Knight, and dam Improver Jewell. Others to Imp. King 54117, he by Hamilton's Improver, and dam North Star. My yearling sows are bred to Ham's Challenge.

F. A. Ham, - - Sarouville, Neb.

DUROC BRED SOW SALE, FEB. 13, 1907

EDITED boars King Top Notcher 38703, 2d prize senior yearling at Des Moines, '06, Crimson I Am 43105, by Crimson Wonder H. A.'s, Choice Goods 51197, by W. S. A.'s Choice Goods, mated on the tops of over 60 head to pick from. Address,

H. A. SEXSMITH, GREENFIELD, IOWA.

The Logan Valley Herd of Duroc Jerseys.

DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

W. A. Peterson, - - Lyons, Neb.

100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II. and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Quincy, Iowa.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryan, - - R. R. 1, Neponset, Ill.

BOARS! BOARS!

FOUR HERDS, Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794

BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, Crimson I Am 43105, by Crimson Wonder, F. A.'s Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred.

F. A. STRONG, - - ORIENT, IOWA

50 Topy Duroc Jersey Boars and Gilts

Sired by Junior Jim and Arion. A choice lot of breeding stock will be priced right—so they will go—during the next thirty days. If you want something good, write at once.

R. C. POSTON, - - Corydon, Iowa

Setting Sun Herd of Duroc Jerseys.

EXTTRA big boars at living prices. Rhode Island Ited Cockerels at \$1 each.

I. C. Welch, - - Bedford, Iowa.

DUROC JERSEY HOGS.

Thos. Bennett,

Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

A FINEST 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," it J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

FANCY DUROC JERSEY SWINE OF BOTH SEXES FOR SALE.

I HAVE the blood of Proud Advance, Ia. Banker and other leading strains. C. W. WOLF, HAMPTON, IOWA.

SEPTEMBER DUROC JERSEY BOARS

AT \$25 each for the next thirty days. Several of these boars are of the herd header sort. The best blood the breed affords combined with individual merit make this a desirable lot of boars. Am booking orders for spring pigs. T. E. Laurie, Jacksonville, Ill.

DID YOU SAY BOARS?

INDIVIDUALLY and in blood lines the Averdale boars are as good as can be found. Shall we tell you about them? Your money back, if we misrepresent them. A. M. Avery & Sons, Phone Averdale Line No. 3, Mason City, Iowa.

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow, the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good. R. D. I. JOS. SKINNER & SON, BEDFORD, IA.

Smith Brown's Duroc Jerseys

THE bones of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

ELM LAWN DUROCS.

MY yearling herd boar got by Elm Lawn Orion out of Roycroft Princess 154 and lot of big, growthy pigs by him and Elm Lawn Top Notcher are offered at prices that should move them. Chas. Sobotka, Calneville, Mo.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. DIANLEY & CO., LYONS, NEB.

Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, Norrish & Bevington, Kingsley, Ia.

40 TOPPY DUROC JERSEY BOARS 40

SURED by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alx, litter brother to the sweepstakes sow Alx II. Good ones. AUSTIN RENSCHAW, Blair, Neb.

BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions. H. B. GRIFFITS, Bowen, Ill.

MAY & PORTER,

REMINGTON, IND. MAYOR'S CHIEF 40727 and Top Notcher Best 37865 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts. F. M. ERSCHEN, Odell, Illinois.

E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, BLAIR, NEB.

PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys.

OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow rule will be Jan. 23, 1907. Write us and find out what we have to offer.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 41051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

THE Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

KEEP THIS DATE IN MIND

JAN. 12-1907-JAN. 12

ANNUAL SALE OF DUROC BROOD SOWS

In the Sale Pavilion, Dunlap, Iowa.

400--BRED SOWS--40 consisting of tried sows, yearlings and gilts. Among them will be found splendid individuals carrying the blood of Orion, Advance, Reed's Banker and other good families. Many of these sows will be bred to Kruger Jr., a splendid son of Old Kruger, and grandson of Can't Be Beat. Hereford cattle sale June 18, 1907. Write for catalog.

Col. F. F. Luther, Auct.

HOOD & BAKER, Props.

DUROC JERSEY HOGS.

Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10777, he by Morton's King 8725, Tenthin 17261, Imp. Wonder 33551, A. L. Advance 43531, Odebolt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tenthin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 88-3, RADCLIFFE, IA.

Ohio Chief Male Pigs For Sale

I HAVE three extra good Ohio Chief male Duroc Jersey pigs that I will price right, if taken at once. Also pigs by Adams Express, a full brother to Crimson Wonder. Male pigs by ten leading sires. I can suit you. Write me at once.

FRIEND, FRANK ALLDRITT, NEBRASKA

CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address, U. G. DAVIDSON, MANSON, IOWA.

CLOVER-WAVE DUROC JERSEYS.

SIRE in service, Red Orion 25793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of Murch and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times. STOW & GINGRICH, HAMBURG, IOWA.

POLK COUNTY HERD DUROC JERSEY SWINE

50 choice gilts from the following strains: Proud Orion, Manley Orion, Granddaughters of Proud Advance, Bill K. Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars; a son of Tiptop Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices. Grand Sow Sale February 4, 1907.

ROY WEST - - - - - BONDURANT IOWA.

40 DUROC GILTS 40

BRED for March and April farrow. Bred to Crimson I Am 53591, grandson of Crimson Wonder 26355, by Top Notcher Boy 53589 and Kant Beat Me 53837, by Kant Be Beat 10239 A. I have the good ones. Inspection invited. Correspondence solicited.

FRANK KEAN, Mt. Pleasant, Iowa

Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Agalt, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the best. Address, IOWA State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address, GRANT WHITE, AFTON, IOWA.

ROSEMARY DUROCS. OAKWOOD DUROCS.

GOLD Fluch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices. CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address, HARRY RIGGIN, PETERSBURG, ILL. G. T. ROGERS, PETERSBURG, ILL.

WE WON 79 RIBBONS

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30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. P.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Orion, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address, JOHN WRIGHTON, Audubon Iowa.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topdy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address, HARMON GRUYER, Brewster, Minn.

The "Nancy Herd" Durocs } FEBRUARY 25, 1907. } Pigs by Orion, Junior Jim, Critic's Echo. } Inspection invited. 125 pigs. Write us. } W. A. STAPLES & SONS, CLIDDEN, IOWA.

IOWA BANNER HERD DUROC JERSEYS. ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. W. L. ADDY & SON, Farnell, Missouri.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief, one by Tenthin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me. O. L. MOSSMAN, POLK CITY, IOWA.

HANLEY BOARS

FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write it once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

SHELDON BROS., A NEW FIRM,

BUT the same old herd. Our herd is rich in the blood of Proud Advance 23549, the greatest sire of show quality of the Duroc breed. Look for the Proud Advance herds.

SHELDON BROS., Successors to H. C. Sheldon & Sons, Shinnston City, Iowa.

A CHOICE COLLECTION Of Duroc Boars For Sale.

DESCENDANTS of famous sires, Tip Top Notcher, Ohio Chief, Improver II, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

Fagan, Browning, Hess & McCabe, HERSMAN, ILLINOIS

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, Paton, Iowa.

WOODLAND HERD OF DUROC JERSEYS.

Herd Headed by Manley Orion 3709.

2d prize boar in 18 months class Iowa Fair, 1905. 2d Manley Orion, Proud Advance. Keep On 2d boars ready to go; also boars by Tenthin, that are full brothers to Ruberta, 1st in Junior Yearling Class, Iowa State Fair, 1906.

S. P. Freed, Ames, Iowa.

WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of Murch and April farrow; sired by Top Notcher Model 37683; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advance and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R.

J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambleton (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kant Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

SPECIAL RATES ON DUROC JERSEY BOARS.

FOR the next thirty days I will make a low rate on boars just to move them. Write quick if you want one.

J. E. WEHR, Portsmouth, Iowa

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

I. J. LORTON, Union City, Ind., proprietor of the I. J. Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 4574 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars. Wood Bros., (Swine Specialists), Lake Park, Ia.

MAPLE GROVE STOCK FARM

The
Home of

HANLEY
42345

Farrowed Sept. 16, 1904.
Bred by J. D. Nidlinger,
Decatur, Ind.

Helen's Tip Top
Notcher
47489

Farrowed Sept. 20,
1905. Bred by Fagan,
Browning, Hess & Mc-
Cabe, Hersman, Ill.

None Such 10027a..... { Stoner Boy 9353a... { Carl Decker 6359
Gay Lady 22792a... { Peaceable 5481a
Echo King 8671a... { Roseville 16164
Bright Star 27014a... { Lunnet 14207
{ Sensation 7393
{ Daisy Belle 20146
{ Corrector 9739
{ Margaret N. 26142

Tip Top Notcher 20729.. { Top Notcher 8803a.. { Orion II. 6537a
{ Duchess 40th 18958a
{ Morton's Wonder 8041a
{ Col. M.'s Variety II.
{ 1908a
{ Mingo Lad 9759a
{ Wonder Duchess S. 24508

Lad for Me 10732a.. { Gold D. Rose 27354.. { M. D. Lafayette 8419a
{ Hatty Gold Dust III.
{ 11428

King of Iowa, 40795, "The sire of Show Hogs." by Morton's Choice 20347, dam by King Edward VII, 11421. King I Am by Big I Am 29895, by Buddy K. IV. 20861, dam Belle Hanley 106404 by None Such 110027a.

FIFTY SOWS WILL BE BRED TO THESE FOUR BOARS AND PUT IN OUR WINTER SALE, JANUARY 17, 1907

SEND BIDS TO D. M. PIERCE,
REPRESENTING THIS PAPER.

McNEIL BROS., BOWEN, ILL.

Correspondence Solicited,
All Inquiries promptly
Answered.

GREAT COMBINATION SALE OF

HEREFORD CATTLE

To Be Sold in Steam Heated Sale Pavilion,

SOUTH OMAHA, NEB., JANUARY 9, 1907

50 Head of Choice Breeding Stock **50**
From Seven Good Herds.

Consigned by such well known breeders as:

W. N. Rogers, McCook, Neb.; W. W. Wheeler, Harlan, Iowa;
E. J. Elliott, Sutherland, Iowa; E. N. & A. L. Allen, Cambridge,
Neb.; Z. T. Kinsell, Mt. Airy, Iowa; Emil Hoffmeyer, Stanton, Neb.;
Woods, Bancroft & Heing, Madison, Neb.

In this sale will be offered the best lot of Herefords to be entered in a public sale this year. The breeding and individuality of every head will be good enough to make them fit companions for any herd in the country. There are show bulls in this offering with as choice blood lines as is known to the breed. The females are a choice lot and all safe in calf to noted bulls of show yard fame.

Catalogs and other information cheerfully furnished by

W. N. ROGERS, MGR.

Aucts. **McCook, Neb.**

T. C. Callahan.

D. B. Rogers.

FAIRCHILD & STEVENSON'S DUROC-JERSEY SALE

ONAWA, IOWA, JANUARY 11, 1907.

50 Head 17 Fall Yearling and Matured Brood Sows--Rest Gilts, 50 Head
The home of ORION'S PROFIT, the sire of Dale, the Minnesota sweepstakes boar. ORION'S PROFIT will be bred to 15 sows in the sale, and a few of his daughters will be included in the sale. A few choice gilts sired by PRINCE TOLSTOY will also be offered and these will be bred to HAPPY MEDIUM, a son of the noted boar, Junior Jim. The greater part of the offering will be sired by ADVANCE LAD, a full brother to the great Proud Advance. Two granddaughters of old Orion will be sold. Get our catalog. It contains some of the most up-to-date breeding. Address.

FAIRCHILD & STEVENSON, ONAWA, IOWA.
Col. L. L. Luther, Auct.

JERSEY CATTLE.

JERSEY CATTLE.

MANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

INDEX

OF THE PRINCIPAL MATTERS CONTAINED IN PART TWO, VOLUME LI.
OF THE HOMESTEAD.

July 1 to December 31, 1906.

DAIRY

Abortion in cattle, contagious 1279
Abortion preventive, an 1923
Abortion of cows, contagious 1157
Bacteria, the fight against 1314
Bacteriology, practical knowledge of 1793
Beef calves should be dropped, when 1248
Butter fat content and butter yield 1705
Butter fat content to butter yield, relation of 1449
Buttermaking on the farm 1880
Butter test at Iowa State Fair 1351

Calf, preparing for the fall 1536
Calf, the skin-milk 1055
Calves for beef, feeding 1031
Calves, the feeding of 1494
Cheese making simplified 1665
Churn, keeping sweet 1403
Churning, difficult 1623
Contagious abortion, prevention and treatment of 1745
Cow, signs of excellence in the 1745
Cow, the kicking 1129
Cows in the fall, care of 1351
Cow's milk as a food for man 1213
Cows, test your 1574
Corn for cows, green 1031
Cream from tainted milk, improving the quality of 1574
Cream, handling separator 1622
Cream ripening on the farm 1495
Cream, testing 1664
Cream testing problem, the 1079

Dairy course, farm 1923
Dairy cows, cane for 1494
Dairy cows, grain for 1449
Dairy helps 1536
Dairy producers, responsibility of 1847
Dairying all the year round 1007
Dairying, farm 1880
Dairying system, the flaw in our 1847
Dairying, winter or summer 1705

Gutter too small, dairy barn 1881
Heifer and her first calf, the 1536
Intensive dairy farming 1664
Iowa dairy convention in 1907, the 1574
Milk and milk products, modern methods of testing 1129
Milk, cleanliness in 1314
Milk cows, oats and bran for 1537
Milk, the cost of 1185
Milk veins and the udder, something about 1403

Overrun in creameries, the 1007
Purity of dairy products, standards of 1314
Separator, where to place 1622
Silage tainted milk, conclusions on 1793
Silo testimony 1103
Sire in the dairy herd the 1129
Skimmed milk, detection of 1185
Stripping, those valuable 1847
Test of separator cream, variations in the 1494

EDITORIAL

Advertising, F. D. Co-

burn on 1122
Agricultural America, an invoice of 1766
Agricultural college from the farm to the 1101
Agricultural college students, encouraging 1482
Agricultural data, collecting 1397
Agricultural press, the 1834
Agriculture, a short course in 1570
Agriculture, relation of to other occupations 1073
Alcohol law, the effect of the new 1025
Alfalfa, and how can we kill it 1074
Alfalfa, destroying 1074
Alfalfa, fall sown 1122
Alfalfa for hogs 1049
Alfalfa problems, some 1594
American canned meats are good 1572
American Royal, the 1484
Animal husbandry, an expert in 1026
Animals, forcing young 1121
Animals, ration, common sense in 1265
Armour's, J. O., \$5,000 scholarship will be awarded, how 1658

Baby beef problem, a 1701
Baby beef production with western feeds 1223
Back to the soil, getting 1306
Barren stalks in corn fields 1348
Beef calves, rearing 1572
Beef cows, rations for 1569
Belgians at Iowa State Fair 1395
"Big pasture" opening in Oklahoma, the 1585
Boys leaving the farm, about 1025
Boy on the farm, the 1153
Breeder's reputation, the 1178
Breeding animals, changing the environment of 1149
Breeds, changing 1121
Brood mares, rations for 1385
Bushel of corn, cost of raising a 1738

Calves, cost of rearing 1055
Canada thistle 1530
Cars for shipment of live stock, an adequate supply of 1099
Cattle feeding experiment 1345
Cement post proposition 1741
Cement posts, age of 1306
Cement posts, manufacturing 1738
Cement structures, some suggestions on 1206
Cement water trough, the 1208
Colleges in competition with individuals, the 1914
Classified advertising, our department of 1660
Clover hay in steer feeding, value of 1001
Concrete construction, some principles of 1349
Copyrighting names of animals 1618
Corn, beauty as applied to 1121
Corn billbug and corn root louse, controlling the 1052
Corn crop, final cultivation of 1002
Corn crop, the 1906 1697
Corn crop, what constitutes a good 1569
Corn culture, progress made in 1076
Corn, detasselling 1002
Corn expert, death of a noted 1876
Corn, feeding too much 1738
Corn fodder, when to shred 1530
Corn for seed, shall we select the best looking ears 1833

Corn, hanging up early 1345
Corn improvement 1742
Corn judging, a change desired in 1004
Corn plant, the double-eared 1386
Corn score card, some more on the 1898
Corn should be picked early, why 1385
Crop improvement, the theory and practice 1026
Crops, suggestions about improving 1028
Cottonseed meal for swine 1266
Current events and comments 1095, 1029, 1054, 1077, 1182, 1209

Dan Patch breaks record 1266
Day by day 1005, 1044, 1154, 1179, 1209, 1285, 1324, 1357, 1405, 1445, 1499, 1543, 1573, 1626, 1663, 1707, 1762, 1794, 1887, 1919

Denatured alcohol, regulation affecting 1617
Dip for spraying purposes 1788
Disease, scattering 1916
Diseases of swine, preventing 1293
Disinfectants, sensible use of 1073
Disinfection, value of sensible 1208, 1306
Drainage assessments 1482
Drainage convention in Oklahoma 1513
Dry farm's proposition, the 1260

Echoes from a Kansas farm 1040, 1054, 1163, 1181, 1222, 1276, 1326, 1356, 1409, 1540, 1576, 1633, 1710, 1744, 1810, 1850, 1879, 1927

Education, taking to the people 1208
Exhibitor, the disgruntled 1233
Fall plowing corn stalk ground 1700
Fall plowing, depth of 1265
Farmer and the coming election, the 1530
Farmers need help in the far West 1234
Farm furrows 1003, 1027, 1051, 1075, 1099, 1123, 1151, 1179, 1207, 1235, 1267, 1307, 1347, 1387, 1435, 1483, 1531, 1571, 1619, 1659, 1699, 1739, 1787, 1835, 1875, 1915

Farm home, modern conveniences for 1785
Farm produce consumer, a short route for 1658
Fed for hogs, dry or soaked 1205
Feeding operations, how high-priced corn will affect 1874
Fence posts, reinforced concrete 1123
Flax and oil meal compared 1433
Foreign judge chosen for the International, a 1280
Fuel alcohol, future prices of 1697

General Manager Skinner resigns 1657
Government crop report 1306
Grain dealers, investigating the business of 1570
Grain for calves, the amount of 1785
Grain, new varieties of 1074
Grain, stacking 1053, 1098
Grass seeds, fall plowing of 1150
Grinding grain, the profit in 1785
Hints from the feed yard 1811
Hints, suggestions, devices, etc 1006, 1030, 1078, 1126, 1210, 1350, 1393, 1534, 1577, 1624, 1662, 1702, 1750, 1798, 1838, 1919

Bill, James J., condemns elevator men.....1741	Help is scarce, one reason why hired.....1916	Hog feeding, profit in.....1433	Hog cholera a germ disease.....1335	Hog cholera, evading.....1529	Hog cholera or swine plague, prevalence of.....1152	Hog conditioner, a.....1733	Hog house, the central.....1434	Hog lice, killing in cold weather.....1741	Hog lice, killing in winter.....1833	Hog, the fat breeding.....1100	Hog yards, paving.....1346	Hogs breaking down.....1481	Hogs, feeding on sorghum.....1748	Hogs, feeding out a bunch of.....1786	Hogs in winter, handling.....1786	Hogs, marking at public sales.....1874	Hogs, supplying with mineral matter.....1077	Homestead "at home," the.....1198	Homestead friends at state fair.....1150	Horses diseased from pasturing allike.....1003	Horses, grading up.....1913	Hours on the farm.....1266	Hours on the farm, the long.....1177	Ice house, the.....1833	Illinois Duroc and Chester awards, corrections in.....1492	In-and-in breeding.....1788	Inbreeding animals, the effect of.....1073	Indoor vs. outdoor feeding for fattening steers.....1790	Institute season and what it means.....1737	International Exposition, the.....1836	Interstate good roads, meeting.....1181	Interurbans affect railway fares, how.....1280	Interurban railways, value of.....1657	Iowa State Fair, features of the.....1023	Issue, a live.....1150	Kansas crops.....1173	Kansas State Director.....1658	Kerr, O. L., Independence, Mo., death of.....1660	King drag, some suggestions on the use of.....1124	Labor, cutting out the.....1049	Land renting proposition, the.....1915	Live stock breeder, a successful.....1050	Live stock doctrine, spreading sound.....1742	Machine or hand power.....1657	Maklug, the young colt "tough".....1874	Manure, keeping near the surface.....1346	Manure, unloading in piles.....1736	Manure, where to put in the fall.....1233	Martin Flynn, death of.....1076	Measures passed by congress, the most important.....1004	Meats, healthfulness of American.....1074	Millet, feed judiciously.....1786	Missouri Board of Agriculture, meeting of the.....1932	Missouri State Fair, governor's day at.....1266	Molasses for fattening steers.....1657	Morning glories, cutting in August.....1023	Mustard, destroying with chemicals.....1178	New Year, the happy.....1913	Nitrogen from soils, the loss of.....1097	Oil meal, new against old process.....1698	Pan-handle feed for beef production.....1618	Perennial weeds, summer fallow for killing.....1125	Pig, the late fall.....1532	Pig, the squealing.....1206	Pigs after weaning, care of.....1125	Pigs, fattening on corn and tankage.....1658	Pioneer breeder of the middle West, a.....1212	Plants, the breath of.....1001	Plowing contests.....1234	Plowing for corn pays, fall.....1529	Plowing, some pointers on.....1345	Pounds and Duroc, fecundity of.....1786	Pounds, prolificacy in the.....1433	Post, a lasting.....1620	Potatoes, digging and storing.....1265	Premium on black cattle, Kansas City man offers.....1208	Profit on \$50 land.....1049	Protein in feeding stuffs, the character of.....1737	Pure-bloods from cross-breds.....1737	Pure-breds in the feed lot.....1617	Pure-bred stock, naming.....1050	Reporting contest, International live stock.....1874	Renting land, plan of.....1790	Renting lands, the problem of.....1914	Ridgling hogs, handling.....1618	Road making with the King drag.....1306	Rye as a fertilizer.....1150	Sale hogs, marketing.....1786	Score card in selecting seed corn, the value of the.....1899	Seed corn, early selection of.....1206	Seed distribution, some light on the.....1180	Seed corn philosophy.....1572	Seed corn, selecting fine looking.....1388	Seed corn, selecting early.....1208	Seed corn, selecting in the field.....1346	Seed corn, selecting.....1306	Seed corn question, Director C. D. Smith on.....1315	Seed corn, storing dried.....1698	Seed corn, the best method for testing.....1740	Shipping corn in ear, opposition to.....1346	Shock thrashing, disadvantages of.....1026	Shock thrashing, absurdity of.....1205	Show-yard judges and their types.....1789	Sod, back-setting early plowed.....1433	Soils, relation to good crops.....1386	Soil, the fat.....1001	Soil washing, the problem of.....1149	Sow, keep the pig over.....1073	Sorghum fodder, curing.....1385	Sorghum, stacking.....1481	Sorghum, shocking.....1529	Sow, buying open or bred.....1025	Speltz, feeding value of.....1002	Spring grain, fall plowing for.....1570	State fair visitors, of interest to.....1100	State fair visitors, accommodations for.....1154	Steers, indications of gaining ability in.....1481	Stock fountains on the farm.....1002	Stock, the most profitable kind.....1873	Straw, saving the.....1178	Stubble fields, dealing with.....1121	Sugar beets in Kansas.....1433	Surface draining land.....1572	Subject for discussion, a.....1617	Swine breeders, some duties of a.....1001	Swine diseases, treatment of.....1002	Thanksgiving proclamation.....1618	The publisher's corner.....1030	Thumps, cause of and remedy.....1233	Thumps, the prevention of.....1345	The drains, depth of.....1434	"Tip" and "butt" in corn score cards.....1786	Tuberculosis in cattle, suppressing.....1178	Two-ear corn stalk, the.....1737	Uncle Sam's agricultural wealth.....1759	Watering hogs in winter, the problem of.....1697	Water under pressure on the farm.....1001, 1386	Water under pressure for the farm.....1386	Weed roots, choking out permanent.....1873	Weeds as a road-making material.....1025	Weight in work horses, value of.....1482	Winter wheat seed bed, the.....1049, 1205	Work horses, rations for.....1569	Worms in hogs.....1740	Yearlings, better.....1738	Young men wanted, the kind of.....1346	FAIRS AND ASS'NS.	American Duroc Jersey Swine Breeders' Association.....1661	American Poland China record meeting.....1701	American Royal show, the.....1026	Breeders' meeting during International week.....1884	Berkshire breeders' meeting.....1150	Chicago poultry show.....1768	Classification for International, preliminary.....1178	Corn belt meat producers' annual meeting.....1875	Duroc swine breeders' meeting.....1890	Illinois State Fair.....1436	International Dec. 1st to 8th, meeting at.....1658	International Exposition, program for the.....1698	International, judges at the.....1570	International, sales at the.....1698	Interstate Fair.....1308	Iowa Corn Growers' Association, premium list of.....1789	Iowa State Board of Agriculture, meeting of the.....1744	Iowa State Fair, the.....1236	Iowa state institute and agricultural convention.....1878	Minnesota State Fair.....1263	Missouri State Fair.....1173	Missouri Sheep Breeders' Association.....1498	National Duroc Jersey Association meeting.....1499	National Duroc Jersey Association, meeting of.....1346	National Duroc Jersey Association, officers of.....1660	Nebraska State Fair.....1273	Organization, some results of.....1757	Program Kansas Good Roads Association.....1887	St. Joseph live stock and horse show, the.....1004	Wisconsin State Fair.....1310	Wisner stock show, the.....1323	HOME	Christmas blots.....1763	Home.....1011, 1035, 1058	1082, 1108, 1132, 1160, 1188	1216, 1249, 1282, 1318, 1360	1400, 1453, 1501, 1546, 1590	1597, 1636, 1672, 1712, 1752	1800, 1855, 1894, 1928	Pleasant fields of holy writ.....1013, 1037, 1060, 1897	1134, 1162, 1190, 1218, 1251	1284, 1320, 1361, 1402, 1455	1502, 1548, 1593, 1639, 1675	1716, 1755, 1802, 1857	HORTICULTURE	Apples, marketing fall.....1215	Arbor vitae or white cedar.....1159	Book on forestry.....1579	Big trees, moving.....1811	Cherry slug, the.....1153	Codling moth, second brood of.....1076	Cold storage, a cure for exorbitant apple prices.....1799	Fall and winter apples, picking and handling.....1277	Fall the best time to plant.....1353	Forestry in the West.....1803	Fruit, spraying when grown.....1159	Fruit storage experiment, important.....1353	Grafting trees, benefit of.....1815	Grape vines, fall care of.....1444	Gophers, a fight with.....1187	Loess farm in Missouri, on a.....1398	Orchard, moving an.....1925	Orchard, the farm.....1187	O sage orange hedge, starting an.....1764	Peach trees, laying down.....1322	Plant lice, treatment for.....1040	Post, another good.....1751	Post timber, the best time to cut.....1751	Rhubarb.....1799	Rhubarb, winter.....1884	Rub grafting the apple.....1925	Scale insects, spraying for.....1353	Seed potatoes, selecting.....1500	"Spare that tree" from the advertising public.....1159	Strawberry bed, fall care of.....1277	Strawberries, winter protection for.....1579	Strawberries, summer and fall planting for.....1131	Sugar beets, growing.....1627	Sweet potatoes, raising and storing.....1751	Transplanting large trees.....1669	Waste land in wood, putting.....1925	Weed seed distribution, a law needed to prevent.....1884	Wluter killing, whitewash as a protection against.....1538	LEGAL	Contract—drunkenness.....1917	Contracts, written.....1743	Employe, invention by.....1877	Law questions considered.....1008	1032, 1057, 1081, 1102, 1127	1155, 1183, 1212, 1278, 1316	1352, 1389, 14
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